

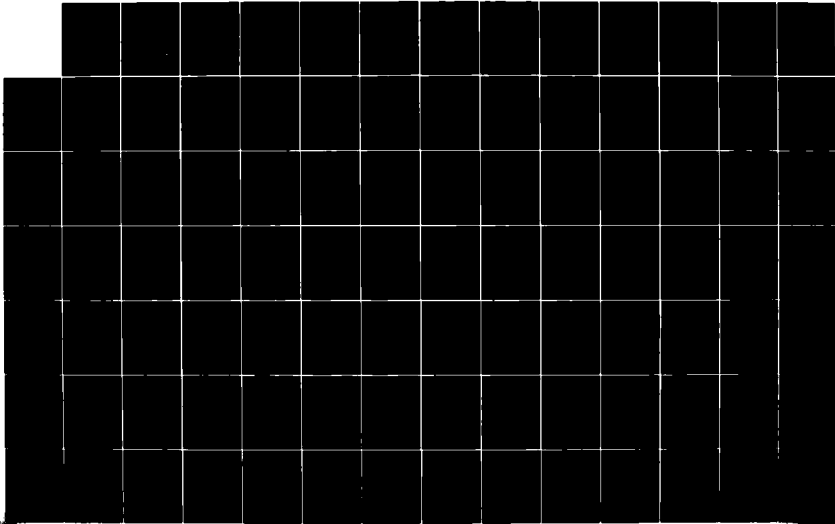
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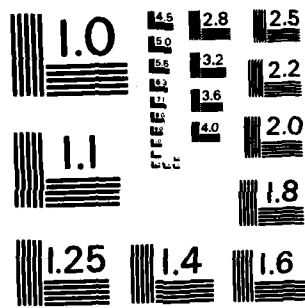
GELA ITALY REVISED UNIFORM SUMMARY OF SURFACE WEATHER  
OBSERVATIONS (RUSSW.. (U) AIR FORCE ENVIRONMENTAL  
TECHNICAL APPLICATIONS CENTER SCOTT A. . 03 NOV 83  
USAFETAC/OS-83/048 581-AD-E850 501 F/G 4/2

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

AD A137578

EY164530

USAFETAC/DS-83/048

①

DATA PROCESSING DIVISION  
USAFETAC  
Air Weather Service ( MAC )

REVISED UNIFORM SUMMARY OF  
SURFACE WEATHER OBSERVATIONS

NEW YORK  
13701 2 10 13  
UNITED STATES  
NORTH OCEAN WATCH: FEB 73 - MAY 73  
COUNTRY OF ORIGIN: NONE  
FORM: 1-73 (REV. 1-73) 1: +1

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER USAFETAC/DS-83/048	2. GOVT ACCESSION NO. 90-AB 7578	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- GELA, ITALY	5. TYPE OF REPORT & PERIOD COVERED Final rept.	
	6. PERFORMING ORG. REPORT NUMBER	
7. AUTHOR(s)	8. CONTRACT OR GRANT NUMBER(s)	
9. PERFORMING ORGANIZATION NAME AND ADDRESS USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB IL 62225	10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS	
11. CONTROLLING OFFICE NAME AND ADDRESS USAFETAC/CBD Air Weather Service (MAC) Scott AFB IL 62225	12. REPORT DATE 3 Nov 83	
	13. NUMBER OF PAGES D. 320	
14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)	15. SECURITY CLASS. (of this report) UNCLASSIFIED	
	15a. DECLASSIFICATION/DOWNGRADING SCHEDULE	
16. DISTRIBUTION STATEMENT (of this Report)  Approved for public release; distribution unlimited.		
17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		
18. SUPPLEMENTARY NOTES		
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) *RUSSWO                      Daily temperature                      Atmospheric pressure Snowfall                      Extreme snow depth                      Extreme surface winds Climatology                      Sea-level pressure                      Psychrometric summary Surface Winds                      Extreme temperature                      Ceiling versus visibility Relative humidity                      *Climatological data                      (over)		
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for GELA, ITALY. 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)		



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

\* ITALY  
IY164530

\* GELA

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 occurrence 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.



Accession For	
NTIS GRA&I	<input checked="" type="checkbox"/>
DTIC TAB	<input type="checkbox"/>
Unannounced	<input type="checkbox"/>
Justification	
By _____	
Distribution/	
Availability Codes	
Dist	Avail and/or Special
A-1	

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

## REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

### HOURLY OBSERVATIONS

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

### DAILY OBSERVATIONS

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

### DESCRIPTION OF SUMMARIES

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

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

#### PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA DATA NOT AVAILABLE

#### PART B PRECIPITATION DATA NOT AVAILABLE

SNOWFALL DATA NOT AVAILABLE

SNOW DEPTH DATA NOT AVAILABLE

#### PART C SURFACE WINDS

#### PART D CEILING VERSUS VISIBILITY

SKYCOVER

#### PART E DAILY MAX, MIN, & MEAN TEMP DATA NOT AVAILABLE

EXTREME MAX & MIN TEMP DATA NOT AVAILABLE

PSYCHROMETRIC-DRY VS WET BULB

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

RELATIVE HUMIDITY

#### PART F STATION PRESSURE DATA NOT AVAILABLE

SEA LEVEL PRESSURE

### STANDARD 3-HOUR GROUPS

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

### MISSING HOUR GROUPS

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

JANUARY \_\_\_\_\_

APRIL \_\_\_\_\_

JULY \_\_\_\_\_

OCTOBER \_\_\_\_\_

FEBRUARY \_\_\_\_\_

MAY \_\_\_\_\_

AUGUST \_\_\_\_\_

NOVEMBER \_\_\_\_\_

MARCH \_\_\_\_\_

JUNE \_\_\_\_\_

SEPTEMBER \_\_\_\_\_

DECEMBER \_\_\_\_\_

STATION NO. OR SUMMARY 164530	STATION NAME Gala, Italy	LATITUDE 37 05 N	LONGITUDE 14 13 E	FIELD ELEV (FT) 108	CALL SIGN LICL	UNIT NUMBER
----------------------------------	-----------------------------	---------------------	----------------------	------------------------	-------------------	-------------

### STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE NSL		OBS. PER DAY
			FROM	TO			FIELD (FT)	HT. BARO.	
1	Gala, Italy	IY	Unkn	Oct 83	37 05 N	14 13 E	108	----	VREL

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	Oct 83	Unkn				

18 AFETAG FORM NOV 75 0-19 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

CONTINUED ON REVERSE SIDE

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  
 USAF/ETAC  
 AFS WEATHER SERVICE/MAC

### WEATHER CONDITIONS

164530 GELA ITALY 74-83 JAN  
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	00-02	.4	2.9				2.9	4.2				4.2	239
	03-05	.5	3.6				3.6	2.1				2.1	421
	06-08	.3	4.8				4.8	2.1				2.1	661
	09-11		2.6				2.6	3.0	.3			3.3	705
	12-14	.1	2.9				2.9	2.4			.1	2.6	699
	15-17	.1	3.0				3.0	1.5	.1			1.6	723
	18-20		4.2				4.2	3.2	.2		.2	3.4	532
	21-23		3.4				3.4	5.0				5.0	261
TOTALS		.2	3.4				3.4	2.9	.1		.0	3.0	4264

USAF/ETAC FORM 0-10-5 (CL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JULY 84

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIP WEATHER SERVICE/MAC

## WEATHER CONDITIONS

1645 30 STATION GELA ITALY STATION NAME 74-83 YEARS FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
FEB	00-02		4.3				4.3	5.0				5.0	258
	03-05		2.6				2.6	3.9				3.9	367
	06-08		3.5				3.5	2.9			.3	3.2	596
	09-11		6.0				6.0	4.2				4.2	614
	12-14		6.1				6.1	2.4				2.4	620
	15-17	.2	4.7		.2		4.7	1.0				1.0	615
	18-20	.2	4.3				4.3	2.2			.4	2.6	491
	21-23		5.2				5.2	4.5				4.5	287
TOTALS		.1	4.6		.0		4.6	3.3			.1	3.4	3668

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

164530  
 STATION

GELA ITALY

STATION NAME

74-83

YEARS

MAC  
 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
MAR	00-02		3.1				3.1	14.0				14.0	286
	03-05		2.3				2.3	9.2				9.2	433
	06-08		3.2				3.2	7.1				7.1	662
	09-11		4.4				4.4	7.4	.1			7.5	705
	12-14		3.6				3.6	4.8				4.8	673
	15-17		3.9				3.9	3.0			.1	3.2	695
	18-20		3.4				3.4	6.0				6.0	569
	21-23		4.1				4.1	11.8				11.8	340
TOTALS			3.5				3.5	7.9	.0		.0	8.0	4378



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

164530 STATION GELA ITALY STATION NAME 74-83 YEARS APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
APR	00-02		1.1				1.1	11.2				11.2	269
	03-05	.2	2.4				2.4	6.6				6.6	421
	06-08		3.8				3.8	7.6	.2			7.7	661
	09-11		3.9				3.9	6.0	.1			6.1	665
	12-14		3.4				3.4	4.4	.1			4.6	677
	15-17		2.5		.1		2.7	4.0				4.0	707
	18-20		1.9				1.9	5.6				5.6	538
	21-23		2.6				2.6	10.4				10.4	307
TOTALS		.0	2.7		.0		2.7	7.2	.1			7.3	4264

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

164530  
 STATION

GELA ITALY

STATION NAME

74-83

YEARS

MAY  
 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
MAY	00-02	.4	.4				.4	15.6	.4			16.2	253
	03-05	.2	1.6				1.8	9.0				9.2	435
	06-08		1.9				1.9	7.5				7.5	660
	09-11		1.9				1.9	6.5	.1			6.6	682
	12-14		1.4				1.4	5.7				5.7	665
	15-17	.1	.9				.9	4.8				4.9	669
	18-20		1.4				1.4	7.4				7.4	553
	21-23	.4	1.8				1.8	11.2	.7			12.7	276
TOTALS		.1	1.4				1.4	8.5	.2			8.7	4213

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

164530  
 STATION

GELA ITALY  
 STATION NAME

73-8?  
 YEARS

JUN  
 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
JUN	00-02		.9				.8	14.6				14.5	255
	03-05		.2				.2	9.8				9.8	440
	06-08		.3				.3	7.7				7.7	667
	09-11		.7				.7	9.1				9.1	662
	12-14		.4				.4	9.5				9.5	672
	15-17	.1	.6				.6	8.3				8.3	666
	18-20							10.3				10.3	522
	21-23		.4				.4	19.1	.4			19.4	278
TOTALS		.0	.4				.4	11.1	.1			11.1	4223

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GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

## WEATHER CONDITIONS

164530 GELA ITALY 73-82 Jul  
 STATION NAME YEARS MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUL	00-02							23.6				23.6	263
	03-05		.2				.2	17.0				17.0	435
	06-08							13.8	.2			14.0	637
	09-11		.2				.4	13.2	.3			13.5	661
	12-14							12.1				12.1	660
	15-17		.3				.3	10.8				10.8	688
	18-20							11.3				11.3	541
	21-23		.3				.3	20.3				20.3	286
TOTALS			.1				.1	15.3	.1			15.3	4171

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

184530 STATION GELA ITALY STATION NAME 75-82 YEARS AUG 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
AUG	00-02	.4	.4				.4	22.5				22.5	262
	03-05	.5	.9				.9	16.2				16.2	437
	06-08	.3	.3				.3	13.1				13.1	642
	09-11		.6				.6	13.6				13.6	688
	12-14	.6	.4				.4	12.2				12.2	672
	15-17		.4				.4	10.9				10.9	678
	18-20		.2				.2	13.6				13.6	521
	21-23	.4	.8				.6	22.9				22.9	266
TOTALS		.3	.5				.5	15.7				15.7	4162

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

164530 GELA ITALY 73-82 SEP  
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
SEP	00-02		.4				.4	13.6				13.6	257
	03-05	.7	1.2				1.2	10.5				10.5	409
	06-08		1.0				1.0	8.3	.2			8.5	614
	09-11	.2	.3				.3	8.0				8.2	654
	12-14	.5	1.1				1.1	6.2				6.2	649
	15-17		1.3				1.3	4.6				4.6	669
	18-20	.2	1.4				1.4	8.1				8.1	526
	21-23	.4	.6				.6	15.4				15.4	259
TOTALS		.3	.9				.9	9.3	.2			9.4	4016

GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

1645 JC  
 STATION

GELA ITALY

STATION NAME

73-82

YEARS

OCT  
 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
OCT	00-02	.8	2.7				2.7	1.9	.4			11.2	259
	03-05	.5	1.5				1.5	6.3				6.3	399
	06-08	.8	1.4				1.4	5.4	.2			5.5	635
	09-11	.5	2.2				2.2	4.8	.2			4.9	649
	12-14	.1	2.4				2.4	3.4			.1	3.6	667
	15-17	.4	2.4				2.4	3.7	.1			3.8	678
	18-20	.4	2.7				2.7	6.0				6.0	517
	21-23	1.5	1.8				1.0	10.3				10.3	271
TOTALS		.6	2.1				2.1	6.4	.1		.0	6.5	4078

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

164530 STATION GELA ITALY STATION NAME 73-82 YEARS NOV 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
NOV	00-02	.6	3.0				3.6	2.4				3.0	237
	03-05		3.7				3.7	3.4			.3	3.7	383
	06-08	.2	3.6				3.6	4.1			.2	4.3	584
	09-11	.2	3.8				3.6	3.8				3.6	633
	12-14	.5	2.9			.2	3.1	2.6				2.6	615
	15-17	.2	3.4				3.4	1.1	.2			1.2	654
	18-20	1.2	5.5				5.5	3.1			.2	3.3	510
	21-23	.4	5.4				5.4	7.3				7.3	259
TOTALS		.4	3.9			.0	3.9	4.2	.0		.1	4.3	3875



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

164530 STATION GELA ITALY STATION NAME 73-82 YEARS 26 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
DEC	00-02	.4	1.6				1.6	2.3				2.3	243
	03-05		2.3				2.3	2.5				2.5	450
	06-08		1.8				1.8	2.2			.2	2.4	627
	09-11	.1	3.2				3.2	2.6				2.6	667
	12-14	.2	3.0				3.0	1.4			.2	1.5	463
	15-17	.1	2.6				2.0	1.5				1.5	662
	18-20		1.7				1.7	2.1				2.1	520
	21-23	.4	5.3				5.3	4.6				4.5	262
TOTALS		.2	2.7				2.7	2.6			.1	2.8	4744

GLOBAL CLIMATOLOGY BRANCH  
 USAF LTAC  
 AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

164530  
 STATION

GELA ITALY

STATION NAME

73-87

YEARS

ALL  
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	MAIL	% 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	3.4				3.4	2.9	.1		.2	3.4	4264
FEB		.1	4.6		.0		4.6	3.3			.1	3.4	368
MAR			3.5				3.5	7.9	.2		.2	8.2	4378
APR		.0	2.7		.0		2.7	7.2	.1			7.3	4264
MAY		.1	1.4				1.4	8.5	.2			8.7	4213
JUN		.0	.4				.4	11.1	.1			11.1	4223
JUL			.1				.1	15.3	.1			15.3	4171
AUG		.3	.5				.5	15.7				15.7	4162
SEP		.3	.9				.9	9.3	.0			9.4	4016
OCT		.6	2.1				2.1	6.4	.1		.0	6.5	4774
NOV		.4	3.9			.0	3.9	4.2	.0		.1	4.3	3875
DEC		.2	2.7				2.7	2.8			.1	2.8	4264
TOTALS		.2	2.2		.0	.0	2.2	7.9	.1		.0	8.0	45590

U S AIR FORCE  
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PART C

SURFACE WINDS

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

**DATA NOT AVAILABLE**

- \*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.

- f. \*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)

154530  
STATION

GELA ITALY  
STATION NAME

74-63  
YEARS

JAN  
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	.2	1.7	.4									3.3	5.0
NNE	.8	.8										1.7	4.3
NE		1.7	1.3		.4							3.4	7.6
ENE	.4	3.8	2.1	.8								7.2	6.7
E	.4	1.7	.4									2.5	5.2
ESE		.4	.4									.8	6.5
SE					.4							.4	16.0
SSE				.8	.4							1.3	15.3
S			1.3	.8								2.1	10.0
SSW		.8		.8		.4						2.1	11.8
SW					.4		.4	.4				1.3	28.0
WSW					.8							.8	18.5
W	.4	.4	1.7	1.3	.4	.8	.4	.4				5.9	15.1
WNW		.4	1.3	1.7	.4	.4						4.6	11.2
NW	.4	1.3	3.0	.8								5.5	7.8
NNW	.8	1.3	.4	.4								3.3	6.3
VARBL													
CALM												4.4	
	4.2	14.3	12.2	7.6	3.4	1.7	.8	.8				100.0	4.4

TOTAL NUMBER OF OBSERVATIONS

237

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

164530 GELA ITALY 74-23 JAN  
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	48-55	≥56	%	MEAN WIND SPEED
N	1.0	2.4	.5	.7								4.5	6.1
NNE	1.2	1.7	.2	.2								2.9	4.7
NE	1.2	1.7	1.9	.2								5.2	6.1
ENE	1.2	2.9	1.9	1.0	.2							7.2	7.0
E	.7	1.9	.7	.2								3.5	5.6
ESE		.5	.2			.2						1.0	10.5
SE													
SSE				.2								.2	10.0
S		.5		1.7								2.2	11.7
SSW		.2	.2	.2								.7	9.7
SW			.5			.2		.2				1.0	19.0
WSW				.5	.2	.5	.5	.5				2.2	24.1
W	.7		.5	1.4	1.4	.7	.2	.5				5.5	17.4
WNW	.5	1.2	2.6	1.9	.2							6.5	9.4
NW	.2	2.2	1.2	.7	.2				.2			4.0	9.9
NNW	.5	1.2	.5	.5	.2							2.9	7.6
VARBL													
CALM													
	7.2	15.8	11.0	9.6	2.6	1.7	.7	1.2	.2			100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 418

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

164530      GELA ITALY      74-63      JAN  
STATION      STATION NAME      YEARS

ALL WEATHER  
CLASS

1600-2000  
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	1.0	1.6	.5	.9								4.1	6.4
NNE	.4	1.3	.9									2.7	5.4
NE	1.3	1.0	2.5	.1	.1							6.1	6.1
ENE	1.5	3.9	2.2	.6	.3							6.4	6.4
E	.4	2.4	.7	.1								3.7	5.6
ESE		.1	.3			.3						.7	12.6
SE		.7	.1	.1								.6	9.0
SSE		.1										.1	9.0
S		.1	.1	1.5								1.5	11.4
SSW	.3	.1	.1	.1		.1						.9	9.0
SW						.1	.1					.3	25.5
WSW						.3						.3	20.0
W		.1	1.2	1.5	1.0	1.6	.1					5.6	17.0
WNW	.1	1.2	2.4	2.2	.6	.3						6.5	10.7
NW	.9	1.3	1.5	.9	.1							4.7	7.4
NNW	.4	2.1	.6		.1	.1						3.4	6.9
VARBL													
CALM												49.6	
	5.5	16.7	13.3	8.1	2.4	3.0	.3					100.0	4.4

TOTAL NUMBER OF OBSERVATIONS      675

GENERAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 104530 DELA ITALY STATION NAME 74-F7 YEARS JAN 1968  
 CLASS ALL WEATHER HOURS (LST) 940-1100  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.0	.9	.7	.6	.1	.1					1.2	11.3
NNE	.4	.3	.3									1.2	4.7
NE	1.3	1.4	1.3	.7	.1							4.5	6.7
ENE	2.8	5.0	2.3	.7								12.9	5.6
E	1.9	1.1	.3	.6								3.9	5.0
ESE	.1	.3	.1			.1						.7	10.2
SE		.3	.1	.3		.1						.9	12.2
SSE				.1	.1							.3	10.0
S	.1	.1	.3	.3								.9	8.8
SSW	.4	.3	.6	.1	.1	.1						1.7	9.2
SW	.1		.1									.3	0.0
WSW		.1			.1	.6	.1					1.2	20.1
W		.6	1.3	2.4	2.4	1.3	.1					8.2	15.5
WNW	.1	1.7	1.6	1.6	1.0	.3						5.6	12.2
NW	.7	1.7	1.1	.4								3.3	6.3
NNW	.3	1.0	1.1	.7	.3							3.4	6.8
VARBL													
CALM												49.3	
	3.9	13.6	11.5	7.7	4.9	2.7	.4					100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 698

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

STATION 16453 VELA ITALY STATION NAME 74-63 YEARS JAN  
 MONTH 1200-1400  
 CLASS ALL WEATHER  
 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	1.0	.0	2.7	1.3	.3	.4					6.9	12.8
NNE	.7		.1									.7	3.5
NE		.0	.7	.9	.1							2.3	10.3
ENE	.6	1.3	1.2	1.0								4.0	7.6
E	.7	.9	1.0	.1								2.7	5.6
ESE		.4	.3	1.0	.1	.1						1.0	11.6
SE	.1	1.0	1.0	.6								2.7	7.7
SSE	.1	1.0	.7	.4	.3	.1						2.7	11.2
S	.1	.7	1.0	1.0								2.7	5.1
SSW	.7	.6	.9	.4	.1		.1					2.7	8.3
SW	.1	1.9	1.2	.6	.4	.4						4.6	9.8
WSW	.4	1.0	3.5	1.8	1.2	.4	.6	.1				9.0	12.4
W	.6	.9	2.7	4.6	3.6	2.5	.6	.1				15.0	16.1
WNW		.1	1.0	2.0	.6	.6	.1					4.5	14.6
NW	.1	.4	.0	.6								2.7	3.8
NNW	.1	.7	.9	1.0		.1						2.9	9.1
VARBL			.1									.1	9.0
CALM												31.0	
	4.7	12.7	17.3	13.9	7.8	4.8	1.9	.3				100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 694



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

164530 GELA ITALY STATION NAME 74-83 YEARS JAN 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	.3	.2	2.6	2.4	1.2		.1					7.2	11.8
NNE		.3	.3	.6	.1							1.2	1.8
NE	.1	.7	1.4	.3	.1							2.5	8.4
ENE	.8	.7	1.7	.6	.1							3.2	7.6
E	.1	.4	1.1									1.7	7.1
ESE		.1	1.0	.7								1.8	6.5
SE	.5	1.7	.7	.7	.1	.1						3.2	6.6
SSE	.8	.3	.4	.6	.1	.1						2.1	9.8
S	.3	.3	1.9	.6	.1	.1						3.3	9.6
SSW	1.7	1.2	1.8	.4	.4							4.8	7.5
SW	1.5	1.5	1.4	.8	.4	.3						5.9	6.2
WSW	.2	.8	2.4	2.4	1.2	1.0	.3					6.6	13.3
W	.1	1.4	3.5	7.7	7.5	5.0	1.8	.3				27.2	17.3
WNW		.1	1.4	1.4	.3	.1	.4	.1				3.9	14.7
NW		.6	.6	.6								1.7	8.9
NNW	.1	.7	1.5	1.9	.3		.1					4.7	10.7
VARBL													
CALM												16.6	
	6.1	15.9	22.8	21.4	12.2	6.8	2.8	.4				100.0	11.5

TOTAL NUMBER OF OBSERVATIONS 723

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

164530 SELA ITALY STATION NAME 74-83 YEARS 164  
STATION STATION NAME YEARS MONTH  
ALL WEATHER 1800-2000  
CLASS HOURE (L.G.T.)  
 \_\_\_\_\_  
 \_\_\_\_\_  
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	1.5	1.0	1.7	.4							6.1	8.6
NNE		.6	.2	.2								.7	7.4
NE	.4	.6	1.3	.8								3.0	8.0
ENE	.8	1.5	1.7		.6							4.5	7.3
E	.3	.2	.8	.4								2.1	6.5
ESE	.2	.0	.4	.4								1.9	7.1
SE	.6	.6	1.1	.7		.2						2.7	6.1
SSE	.7		.2	.4	.2	.2						1.1	14.0
S	.6	.6	.6	.6								2.3	6.9
SSW	.4	.9	.4	1.1			.2					2.8	10.3
SW		1.1	.6		.4	.4	.2					2.7	11.9
WSW	.4	.4	1.3	.6		.2						2.3	9.2
W	.9	1.9	4.0	.6	3.6	1.5	.9	.4				19.7	14.4
WNW	.4	1.9	5.1	3.8	.6	.4	.4					12.5	10.9
NW	.7	2.1	1.3	.6	.2							4.4	7.5
NNW	.3	1.3	.8	.4	.4		.2					3.5	6.6
VARBL													
CALM												26.7	
	6.8	15.9	21.6	17.6	6.2	2.8	1.9	.4				100.2	7.7

TOTAL NUMBER OF OBSERVATIONS 526

GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/MAC

## SURFACE WINDS

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

STATION 114530 GELA ITALY STATION NAME 74-63 YEAR 1961  
 CLASS ALL WEATHER HOURS (L & T) 2100-2300  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.2	1.2	.4								2.7	8.3
NNE	.4	.4	.4									1.2	4.3
NE	.8	1.2	.4									2.3	4.8
ENE	1.9	4.2	1.5	.8	.4							6.8	6.3
E	1.5	1.5	.4									3.5	4.1
ESE	.4		.8									1.2	6.3
SE		.4			.4							.8	13.0
SSE					.4	.4						.8	21.0
S	.4		.4	.8								1.5	9.3
SSW			.4	.4	.4	.4						1.5	15.3
SW			.4			.4						.8	15.0
WSW	.4				.4	.4	.4					1.5	18.3
W		1.9	1.9	1.5	.8	.4						6.5	17.8
WNW	.8	1.9	3.5	1.5	.4	.8						6.8	9.3
NW	.8	1.5	1.2	.4								3.0	6.0
NNW	2.3	.8	.4	.8								4.2	5.4
VARBL													
CALM												10.0	
	9.6	15.9	12.7	6.5	3.1	2.7	.4					100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 260

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

144530 STATION GELA ITALY STATION NAME 74-63 YEARS JAN MONTH  
 ALL WEATHER CLASS ALL 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	.5	1.3	1.2	1.4	.6	.1	.1					5.2	10.2
NNE	.4	.6	.3	.1	.0							1.5	5.8
NE	.7	1.2	1.4	.4	.1							3.9	7.1
ENE	1.3	2.7	1.7	.7	.2							6.6	6.6
E	.8	1.2	.7	.2								2.9	5.6
ESE	.1	.4	.4	.3	.0	.1						1.3	10.0
SE	.2	.5	.5	.3	.1	.1						1.0	8.9
SSE	.1	.2	.2	.3	.2	.1						1.2	11.5
S	.2	.3	.7	.9	.0	.0						2.2	9.6
SSW	.4	.5	.7	.4	.1	.1	.1					2.4	8.9
SW	.5	.7	.6	.2	.2	.2	.1	.0				2.4	10.6
WSW	.2	.4	1.1	.8	.5	.5	.2	.1				3.9	13.8
W	.3	.0	2.1	3.9	3.1	2.1	.6	.2				13.1	16.1
WNW	.2	.9	2.2	2.0	.5	.3	.1	.0				6.4	11.6
NW	.4	1.2	1.2	.6	.1				.0			3.5	7.8
NNW	.5	1.1	.9	.8	.2	.7	.7					3.6	8.5
VARBL			.0									.2	9.0
CALM												38.4	
	6.7	14.2	16.0	13.5	6.0	3.6	1.3	.3	.0			100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 4233

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

14530 GELA ITALY STATION NAME 74-83 YEARS FEP  
 STATION NORTH HOUSE (L & 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	2.0	1.6	.9									4.3	4.2
NNE	1.2	.9	.8									2.7	4.7
NE	.4	2.3	.6									3.2	5.6
ENE	2.3	3.5	2.7	.4								5.2	5.6
E	.9	2.3										2.1	4.3
ESE			.4		.4							.2	14.0
SE				.4								.4	15.0
SSE				.4								.2	14.0
S							.4					.4	3.0
SSW				1.2	.4							1.6	15.5
SW		.4	.4			.4						1.2	14.0
WSW		.9	.4			.4						1.6	15.0
W	.4	.4	1.2	1.2	.8	.4	.4					4.7	13.1
WNW	.3		2.3	1.2	.4							4.7	8.8
NW		2.7	4.3									7.2	7.3
NNW	.4	.3		.4								1.2	7.0
VARBL													
CALM												3.5	
	5.2	15.6	13.3	5.5	2.7	1.2	.8					100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 256

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

104530 STATION GELA ITALY STATION NAME 74-63 YEARS FEB 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	.8	2.8	.3									3.9	4.5
NNE	1.0	.8	.3	.3								2.3	5.0
NE	.3	2.6	1.0	.5								4.4	6.5
ENE	2.6	5.7	2.6									10.9	5.3
E	.5	1.8	.8	.5								3.6	6.6
ESE		.3		.3								.5	10.0
SE	.3			.3								.5	8.5
SSE		.3										.3	4.0
S			.3									.3	10.0
SSW				.5								.5	12.5
SW	.3	.3			.3	1.0	.3					2.1	19.0
WSW		.3		.5	.3	.3	.3					1.6	18.3
W			1.0	1.3	.8	.8	.3					4.1	16.8
WNW	.9	.8	2.1	1.6	.3	.3						5.7	9.2
NW		1.0	.5	.8	.3							2.6	9.5
NNW	1.6	1.0	1.0	.3								3.9	5.1
VARBL													
CALM												3.0	
	8.0	17.6	9.8	6.7	1.8	2.3	.8					100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 397

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

164530 GELA ITALY 74-83 FEB 67-68  
STATION STATION NAME YEARS MONTH  
ALL WEATHER 6700-0800  
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	.7	1.5	.2	.3								2.7	5.5
NNE	1.7	1.0	.5	.3								3.5	4.9
NE	1.0	3.5	1.4	.7	.2							6.8	6.6
ENE	2.9	4.4	3.0	.7								11.0	5.6
E	1.4	2.4	.6	.2								4.7	5.2
ESE		.2	.2	.2	.2		.2					.9	15.4
SE		.2	.2									.2	7.5
SSE		.2										.2	5.0
S	.7		.2		.2							.7	8.0
SSW		.3	.2	.2	.2			.2				1.0	14.8
SW			.2		.3	.2	.3					1.2	22.2
WSW			.2			.7						1.2	20.0
W			.2	1.0	.2	.2						2.4	15.3
WNW	.2	.7	1.5	1.4								3.7	9.4
NW	.5	.8	.2	1.2	.2							3.5	9.0
NNW	1.2	.7										1.9	3.5
VARBL													
CALM												54.7	
	9.8	15.0	9.6	6.9	1.4	1.0	.5	.2				100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 592

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

164530      GELA ITALY      74-83      FEB  
STATION      STATION NAME      YEARS      MONTH

ALL WEATHER  
CLASS

900-1100  
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	.7	1.2	.5	.2								2.0	5.5
NNE	.3	.5	.3									1.2	5.1
NE	.8	1.8	1.8	.3	.5	.2						3.4	8.1
ENE	3.0	3.9	3.5	.3	.3	.2						11.2	6.3
E	2.8	1.8	.8	.2	.2							5.8	4.7
ESE			.7	.2								.5	9.4
SE	.7	.5	.7	.3								2.1	6.3
SSE				.3								.3	13.7
S			.2	.2	.5							.5	16.2
SSW	.2		.5	.5	.3							1.5	12.8
SW	.3				.2	.2						.7	12.3
WSW		.2	.7	.3	.2	.8		.3				2.5	19.3
W		1.2	2.7	1.3	.8	.5						5.1	11.7
WNW	.3	1.2	1.3	1.5	.2	.3						4.8	9.9
NW	.2	.7	1.2	.2		.2						2.3	6.2
NNW	.7	1.3	1.0	.5	.2							3.0	6.8
VARBL													
CALM												46.8	
	9.9	14.1	15.0	5.2	3.3	2.3		.3				100.0	4.3

TOTAL NUMBER OF OBSERVATIONS      628



GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AF WEATHER SERVICE/MAC

# SURFACE WINDS

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

164530 STATION 164530 VELA ITALY STATION NAME 74-83 YEARS FCR MONTHS  
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	1.0	.8	1.1								3.4	6.2
NNE	.2	.3	.5	.2	.2							1.3	9.9
NE		.7	.5	.5	.3							2.7	10.0
ENE	.7	1.6	2.1	1.8	.7							6.9	9.2
E	1.1	1.5	.8	.7	.5	.2						4.7	8.4
ESE	.2	.7	1.1	.2								2.1	7.7
SE		.5	.7	.6								2.5	9.3
SSE	1.0	1.0	1.5	.5	.3							4.2	7.3
S	.8	1.0	.5	1.3								3.5	7.6
SSW	2.4	2.0	1.1	.7	.3							6.5	6.3
SW	1.0	3.3	2.1	1.0	.2	.2	.3					6.0	6.2
WSW	.3	.2	2.6	2.3	2.3	1.6	.3					10.2	14.4
W	.3	.7	1.8	3.6	3.1	2.3	1.3	.3	.2			13.5	10.2
WNW		.3	.7	.5			.2					1.5	11.3
NW	.2	.6	.8	.7	.3	.2						2.9	10.2
NNW	.2	.5	1.5	.8								2.9	9.5
VARBL													
CALM												24.0	
	6.8	16.5	19.1	15.5	8.2	4.4	2.1	.3	.2			100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 413

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

184530 VELA ITALY 74-83 FEB 1970-1700  
STATION NAME YEARS MONTH HOURS 11-17

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	.7	2.1	.5	.5	.2	.2					4.4	1.25
NNE		.7	.2			.3						6.0	13.0
NE	.2	.8	.5	.2								1.6	6.6
ENE	.5	.9	1.0	1.8	.3	.2						4.6	10.3
E	.2	.3	1.6	.5	.5	.2						3.0	9.6
ESE	.2	.5	.8	.7	.2							2.3	9.6
SE	.2	1.0	1.0	.5	.3							3.0	9.0
SSE	.2	.7	1.3	.8								3.6	7.6
S	.7	.8	1.0	1.0	.2							3.6	8.5
SSW	2.3	3.0	1.1	.5	.2	.2						7.2	6.0
SW	.8	3.1	2.8	.3	.2	.7						7.2	7.7
WSW	.2	1.0	3.8	3.8	2.3	1.8	.3					13.1	14.1
W		.6	2.1	4.9	5.4	4.1	3.0	.2				21.5	18.5
WNW	.3	.2	1.0	1.3		.3						3.1	11.9
NW		.2	.2	.7	.5							2.0	13.1
NNW		.2	1.1	1.0	.2							3.1	9.7
VARBL													
CALM												15.9	
	6.6	14.9	23.0	18.4	10.3	7.0	7.9	.2				100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 610

GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

164530 STATION CELA ITALY STATION NAME 74-07 YEARS 58  
1900-2-00 MONTH  
 CLASS ALL WEATHER  
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	1.6	1.9	1.0	.2	.2	.2					6.0	9.0
NNE	.2	.0										1.0	4.0
NE	.8	1.7	1.0									2.7	5.6
ENE	.4	1.2	1.4	.8								3.9	6.1
E	1.0	1.2	.8	.2	.7							3.5	6.4
ESE	.5		1.0	.8								2.3	5.5
SE	1.7	.4	.8	.6		.2						3.1	5.0
SSE	.0	.6	.2									1.4	4.3
S	.4	.2	1.6	.6	.4							3.3	7.5
SSW	1.7	.6	.6	.8	.7							3.3	7.3
SW	.7	.6	.4				.2					1.4	9.3
WSW	.7	1.4	1.2	1.9	1.2	.4	.4					6.3	13.3
W	.4	2.3	4.3	7.4	3.7	1.6						19.8	13.1
WNW	.4	2.3	3.3	2.5		.7						6.0	9.5
NW	.4	.7	.8	1.0	.4							3.5	9.2
NNW	.5	1.7	.8	.4								3.1	6.4
VARBL													
CALM												0.1	
	9.3	16.5	20.4	17.9	6.4	2.7	.8					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 486

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

164530 GELA ITALY 74-83 FEB 1980  
 STATION STATION NAME YEARS MONTH  
 ALL WEATHER CLASS 110-2300 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	1.4	1.4	.3									3.1	4.1
NNE	1.0				.7							1.4	6.8
NE	.3	1.7	.7									2.3	5.8
ENE	3.5	3.5	1.7	.7								6.7	5.7
E	1.4	2.4	1.4		.7							5.6	5.7
ESE		.7		.7								1.4	12.3
SE			.7									.3	8.7
SSE			.3			.3						.7	17.0
S		.7		.3								.7	9.5
SSW		.7	.7	.7	.3							2.4	11.7
SW								.3				.3	37.0
WSW		.7	.3	.7		.3						2.1	12.2
W		1.7	2.3	3.1	1.4	.3	.3					9.8	12.1
WNW	.7	.3	3.1	.7								4.9	7.8
NW	.7	1.4	2.1									4.2	6.1
NNW	.7	1.4		.7								2.5	6.5
VARBL													
CALM												6.1	
	9.8	16.0	13.2	7.7	2.4	1.7	.3	.3				170.0	4.1

TOTAL NUMBER OF OBSERVATIONS 247

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 149537 WELA ITALY STATION NAME WELA ITALY YEARS 74-83 FEB MONTH

CLASS ALL WEATHER 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	.5	1.4	.9	.5	.1	.1	.1					3.7	7.3
NNE	.6	.6	.3	.1	.1	.1						1.7	6.2
NE	.5	1.7	1.0	.3	.2							3.7	7.0
ENE	1.8	2.9	2.2	.9	.2	.1						5.1	6.7
E	1.2	1.6	.9	.3	.2	.1						4.5	6.4
ESE	.1	.3	.6	.3	.1		.2					1.4	4.8
SE	.3	.4	.5	.4	.1	.2						1.7	5.3
SSE	.4	.4	.5	.3	.1	.2						1.6	7.7
S	.7	.3	.5	.5	.2		.2					1.9	9.3
SSW	.9	1.0	.6	.6	.2		.2	.0				3.3	7.8
SW	.4	1.1	.5	.2	.2	.3	.2	.0				3.2	1.0
WSW	.1	.6	1.4	1.4	.9	.9	.2	.1				6.5	14.6
W	.1	.6	2.1	3.2	2.2	1.5	.8	.1	.0			13.5	15.9
WNW	.4	.4	1.7	1.3	.1	.1	.1					4.4	9.6
NW	.2	.9	1.2	.6	.2	.1						3.2	9.0
NNW	.5	.9	.8	.5	.1							2.9	7.1
VARBL												3.4	
CALM													
	8.8	15.8	16.0	11.5	5.7	3.1	1.3	.2	.0			70.0	6.1

TOTAL NUMBER OF OBSERVATIONS 7039

CENTRAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

154530 CELA ITALY STATION NAME 74-63 YEARS  
 CLASS ALL WEATHER 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	0.1	1.1	1.1	.4	.4							4.9	0.9
NNE	.7	.4										1.1	3.7
NE	.4	1.1	.4	.4	.4							2.5	5.1
ENE	1.5	3.2	3.6	2.5								11.3	7.8
E	1.4	1.4	.7	.7								4.2	6.7
ESE		.4	.4									.7	0.7
SE													
SSE			.7									.7	9.5
S	.4											.4	3.0
SSW			.4									.4	4.1
SW		.4			.4	.4						1.1	10.7
WSW	.4	.4		.4			.4					1.4	10.5
W		1.1	2.1	1.1	.7	.4		1.1				6.3	15.3
WNW	.4	1.1	.4	.7								2.7	7.9
NW	.7	2.1	.4	.4								3.6	5.6
NNW	.7	2.5										3.2	4.4
VARBL													
CALM												50.0	
	6.8	14.8	10.2	6.7	1.9	.7	.4	1.1				100.0	1.7

TOTAL NUMBER OF OBSERVATIONS 204

FEDERAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

1-4337 LA ITALY STATION NAME 74-62 YEARS MAR MONTH  
 ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS, DIR)	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	.5	1.2		.2							2.4	7.6
NNE	.5	1.4	.2									2.1	5.1
NE	.5	1.2	1.9	.7	.2							4.5	9.1
ENE	2.9	4.2	3.8	1.9	.5							13.2	7.1
E	.2	2.1	.9	.7								4.9	7.2
ESE	.2	.5										.7	3.7
SE													
SSE	.2					.2						.9	12.0
S													
SSW		.2										.2	5.2
SW	.2		.2									.5	5.5
WSW		.2	.5		.7	.2						1.7	14.7
W		.7	.7	.5		.5	.5	.2				3.1	16.2
WNW		.7	1.2	1.2	.7	.5						3.8	11.1
NW	.2	1.4	1.2	.9			.2					4.2	9.9
NNW	.5	1.4	.9	.7	.2							3.5	7.9
VARBL													
CALM												5.7	
	5.1	14.4	12.7	5.6	2.6	.9	.7	.2				11.2	3.9

TOTAL NUMBER OF OBSERVATIONS 424

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

164537 SELA ITALY STATION NAME 74-81 YEARS MAC  
 MONTH  
ALL WEATHER CLASS 0600-2400  
 HOURS (LST)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	.9	1.4	.6								3.2	6.9
NNE	1.1	1.1	.5	.3								2.9	5.6
NE	1.1	1.5	1.4	.8								4.7	6.7
ENE	1.5	3.5	4.1	2.7	.3							12.2	7.9
E	.6	1.9	.9	1.1								4.4	7.3
ESE	.2			.2								.3	5.5
SE													
SSE				.2								.2	12.0
S	.2	.2	.2									.5	5.7
SSW	.2		.2	.2								.5	8.7
SW	.2											.2	2.0
WSW		.2	.2			.3						.5	16.0
W	.2	.2	.9	.6	.8	.9	.2	.2				3.5	17.3
WNW	.5	.8	.9	.8	.2							3.0	8.5
NW	.2	1.5	.8	.6	.2							3.2	8.0
NNW	.2	.6	.9	.3	.2	.2						2.3	9.5
VARBL													
CALM												7.0	
	6.7	12.2	12.0	5.2	1.5	1.2	.2	.2				10.2	3.6

TOTAL NUMBER OF OBSERVATIONS 656



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 164930 SELA ITALY STATION NAME MAC YEARS 74-83 MONTH 0900-1100  
 CLASS ALL WEATHER 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	.6	.9			.1					2.2	1.27
NNE	.1	.7	.1	.4								1.4	0.8
NE	.1	2.3	1.3	.7	.1							4.5	7.5
ENE	1.3	2.9	1.4	4.0	.1							9.8	8.9
E	1.3	.4	1.7	.4	.3							4.2	7.3
ESE		.7	.4	.3		.1						1.6	0.5
SE	.1	1.0	1.0	.6		.1						2.9	6.6
SSE	.9	.6	.4	.1	.1				.1			2.3	0.1
S	.7	1.0	.7	.1								2.6	5.6
SSW	.6	.3	.4	.1	.1							1.0	6.7
SW	.3	.3	.3									.9	5.2
WSW		.4	1.1	.7	.7	.1						3.2	12.0
W	.5	.7	1.4	2.0	.9	1.3	.4	.1	.1			7.2	16.0
WNW		.3	.4	.7	.3	.1	.1					2.2	13.4
NW	.4	.3	1.7	.4	.3	.1						3.3	9.4
NNW	.4	.4	.3	.3	.6	.1						2.2	1.5
VARBL													
CALM												45.4	
	7.2	12.2	13.5	11.9	3.6	2.2	.7	.1	.3			100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 097

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

164530 STATION 06LA ITALY STATION NAME 74-63 YEAR 1968-1968  
 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	N	MEAN WIND SPEED
N	.1	.4	.3	1.2	.1							4.2	11.3
NNE	.3	.1	.7	.1								4.7	6.5
NE	.4	.6	.9		.1	.1						2.2	7.3
ENE	.3	1.2	1.6	2.0	.6							5.7	11.1
E	.6	.9	.4	.6	.1							2.0	7.9
ESE		.1		.4	.6							1.2	14.9
SE		.3	1.6	1.2		.7						3.3	11.3
SSE	.7	.9	1.6	1.7	.4	.1						5.7	9.1
S	1.6	7.2	1.5	.7	.1							7.1	6.4
SSW	2.2	3.3	1.7	.4	.1							5.4	5.4
SW	.7	2.2	3.3	1.9	.4	.6						4.1	9.6
WSW	.4	1.5	3.6	6.2	3.6	1.7	.7					17.4	14.0
W		.9	1.9	1.9	3.3	2.7	1.3	.6				11.7	12.4
WNW			.3	.6	.3	.6	.6		.1			2.2	20.3
NW	.1	.3	.7	.4	.6	.1						2.3	12.3
NNW	.3	.4	.9	.3	.9	.1						2.9	11.9
VARBL													
CALM													
	8.6	16.3	22.6	21.0	11.5	5.1	2.3	.6	.1			170.0	9.8

TOTAL NUMBER OF OBSERVATIONS

689

CENTRAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVIC./MAC

# SURFACE WINDS

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

164530 STATION 02LA ITALY STATION NAME 74-83 YEARS 1960-1966 MAP NORTH  
 ALL WEATHER CLASS 1500-1700 HOURS (L.E.T.)  
 CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.7	1.3	1.2								3.3	9.6
NNE		.1	.1	.1								.4	6.3
NE	.1	.3	.2	.6		.4						2.3	11.6
ENE	.3	.5	1.2	.4	.3							2.7	8.9
E		.5	1.7	1.3	.3							3.2	15.9
ESE		.7	.1	.4								.9	16.0
SE	.1	.5	.9	.7								2.3	9.2
SSE	.0	1.3	1.4	1.7	.4							5.6	8.6
S	1.7	.9	2.2	1.7								5.5	7.1
SSW	1.2	3.1	.6	.9		.1						5.5	6.3
SW	1.0	2.2	2.3	2.2	.4	.1	.3					8.1	9.4
WSW	.4	2.2	4.5	5.5	4.3	1.4	.7					19.0	13.9
W	.7	.4	2.4	4.3	3.7	5.0	1.7	.1				18.9	18.5
WNW		.1	.6	.7	.6	.7						2.3	14.9
NW	.7	.7	.9	.4	.1	.1	.3					2.9	11.4
NNW		.1	1.2	.9	.7	.5	.7					3.7	15.4
VARBL													
CALM												11.7	
	7.1	14.1	21.5	22.3	11.0	8.6	3.6	.1				100.0	11.6

TOTAL NUMBER OF OBSERVATIONS 694

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

164530 STATION GELA ITALY STATION NAME 74-83 YEARS  
 ALL WEATHER CLASS 180-2000 HOURS (LST) NORTH  
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	1.2	2.9	1.2								2.5	6.4
NNE	.2		.2	.4								.7	9.0
NE	.4	.5	.2	.2	.2							1.4	7.5
ENE		.7	.9	2.5								4.1	10.3
E	.5	.5	1.1	.5								2.7	7.4
ESE	.5	.4	.4	.7	.2							2.1	9.0
SE	.2	1.4	.9	.5								3.4	6.1
SSE	.7	1.8	1.6	.7								4.7	7.2
S	.5	.2	.4	.5								1.6	7.3
SSW	.4	.5	.2	.2	.2	.2	.2					1.8	11.0
SW	.7	1.1	.9	.4	.5		.2					3.7	9.0
WSW	.6	2.3	3.9	3.6	1.1	.5	.4					12.7	11.0
W	.5	2.3	2.9	6.8	5.2	1.6	.2					19.5	14.0
WNW		1.4	.7	2.0	1.2							5.4	12.1
NW	.4	.7	2.0	.5		.2	.2					3.9	9.6
NNW	.4	1.2	.9	.7	.4	.2						3.7	9.4
VARBL													
CALM												2.9	
	6.4	16.4	19.8	21.8	8.9	2.7	1.1					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 560

GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

164537 VELA ITALY STATION NAME 74-E3 YEARS MAC  
 NORTH  
 CLASS ALL WEATHER HOURS (L.S.T.) 2100-2300  
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	MEAN WIND SPEED
N	.5	2.1	.0	.0								4.5 7.2
NNE	.9	.6	.9									2.4 5.0
NE	.3	1.2	.3	.3		.7						2.4 5.5
ENE	2.1	3.0	1.5	1.5	.6							3.6 7.3
E	3.0	2.7	.9	.3		.7						7.1 5.7
ESE		.9		.6								1.5 6.8
SE	.3	.3	.3									.9 5.3
SSE	.3		.6									.3 7.7
S			.7			.7						.6 18.5
SSW												
SW		.9	.3	.3	.3							1.4 9.5
WSW	.3	.3										.0 7.0
W	.3	1.8	3.3	1.8	.3	.0	.6					6.9 12.2
WNW	.3	.6	2.7	.9	.6							5.1 5.8
NW	.3	1.5	2.1	.3								4.2 7.1
NNW	.3	2.4	.6	.6								3.7 6.6
VARBL												
CALM												.6 7
	8.9	18.2	14.6	7.4	1.6	1.2	1.2					100.0 4.3

TOTAL NUMBER OF OBSERVATIONS 336

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

144530      SELA ITALY      74-63      MAR 1974

STATION      STATION NAME      YEARS

ALL WEATHER      ALL

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	.5	.8	1.2	.9	.1		.7					3.4	8.5
NNE	.4	.5	.3	.2								1.4	6.0
NE	.4	1.1	.9	.5	.1	.1						3.1	8.1
ENE	1.1	2.2	2.1	2.2	.3							7.0	9.4
E	.9	1.2	1.7	.7	.1		.7					3.5	7.5
ESE	.1	.4	.2	.3	.1	.2						1.1	9.7
SE	.1	.5	.7	.5		.1						1.9	9.3
SSE	.6	.7	.9	.7	.2	.2			.5			3.0	8.5
S	.9	.9	.8	.4	.2	.2	.7					2.5	6.7
SSW	.5	1.2	.5	.2	.1	.2	.2					2.9	6.4
SW	.5	1.7	1.1	.7	.3	.1	.1					3.5	9.3
WSW	.3	1.2	2.2	2.5	1.6	.7	.2					6.3	13.2
W	.3	.6	1.9	2.5	2.1	1.9	.7	.3	.7			11.5	16.4
WNW	.1	.6	.8	1.2	.5	.2	.2		.7			3.1	12.3
NW	.3	.9	1.2	.5	.2	.1	.1					3.3	9.4
NNW	.3	.7	.9	.5	.4	.2	.2					3.1	10.2
VARBL													
CALM												76.4	
	7.3	14.6	16.3	14.3	6.7	3.3	1.4	.3	.1			100.0	6.7

TOTAL NUMBER OF OBSERVATIONS      4382

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

164530 STATION CELA ITALY STATION NAME 74-E3 YEARS APR MONTH APR  
 CLASS ALL WEATHER HOURS (LST) 000-0000  
 CONDITION

SPEED (KNTS) DIR.	1-3	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									2.3	5.2
NNE	.1	1.5	.4									2.0	4.6
NE	.4	.4	1.5	1.1								3.4	9.3
ENE	2.3	3.6	4.2	.8		.4						11.3	8.8
E	.0	.4	.4	.4								1.9	5.6
ESE		.4										.4	6.6
SE			.0									.0	5.0
SSE						.4						.4	22.6
S	.4											.4	3.6
SSW			.8									.8	1.0
SW			.4									.4	9.8
WSW				.4	.0							1.1	1.3
W	.4	1.5	1.5	2.3	.0	.0						7.2	11.7
WNW	.4	2.7	.8	.8								4.2	6.5
NW	.4	.8	1.1									2.3	6.7
NNW	1.9	1.1	1.1									4.2	4.4
VARBL													
CALM												56.2	
	8.3	13.6	13.2	5.7	1.5	1.5						100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 65

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 164537 DELA ITALY STATION NAME 74-63 YEARS APR  
 MONTH 0700-0900  
 CLASS ALL WEATHER  
 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	1.7	.2	.2								3.3	4.8
NNE	1.7	.5				.2						1.4	5.8
NE	.7	1.7	1.7	1.7	.2							4.3	6.2
ENE	1.9	3.9	2.9	1.7		.2						10.0	7.0
E	1.4	2.1		.5	.2	.5						4.8	7.5
ESE		.5										.2	5.5
SE													
SSE		.2										.2	4.2
S													
SSW													
SW		.2										.2	5.0
WSW						.2						.2	23.7
W	.5	1.7	1.7	1.7	1.7	.2	.2					5.5	12.5
WNW	.2	2.2	2.6	.2	.2							6.2	7.2
NW	.7	2.4	1.7									4.3	5.4
NNW	.2											.2	2.0
VARBL													
CALM												57.6	
	3.6	16.2	9.5	4.3	1.9	1.4	.2					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 419



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

144530 STATION SELF ITALY STATION NAME 74-E3 YEARS 1950-1952 MONTH ALL WEATHER CLASS ALL WEATHER HOURS (L, E, T) ALL WEATHER  
 CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	.5	.2									1.2	3.9
NNE	1.2	.9	.2									2.3	2.6
NE	.7	1.1	1.2	.7	.2							3.5	7.6
ENE	2.0	3.2	3.4	2.4	.5	.2						12.2	6.2
E	1.6	1.2	.5	.6	.2	.2						4.4	6.4
ESE	.2	.3	.2									.6	3.2
SE													
SSE			.5									.5	2.1
S			.3									.3	2.5
SSW		.3				.2						.5	12.3
SW		.2			.3							.5	12.3
WSW				.2	.3							.5	16.7
W	.7	.9	2.0	.6	.2	.3						4.3	9.7
WNW	.5	.9	1.5	.6	.5							4.3	7.2
NW	1.1	1.1	.3	.2								2.6	4.7
NNW	.9	.9	.2									2.2	3.8
VARBL													
CALM												4.9	
	9.6	12.2	10.8	4.9	2.2	.5						100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 156

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE / MAC

# SURFACE WINDS

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

184535 VELA ITALY 74-83  
 STATION NAME YEARS  
 ALL WEATHER CLASS  
 00-1100 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	.0	.4	.3	.4								1.0	6.9
NNE		.6	.7		.1							1.0	7.9
NE	.6	.6	1.0		.1							1.3	6.7
ENE	1.9	1.6	2.0	3.1	.7	.3						10.1	9.1
E	.6	.6	.6	.7	.1							3.1	6.9
ESE	.7	.7		.1	.3							1.0	7.0
SE	.4	.3	.6	.6	.1							2.3	6.1
SSE	.6	1.4	.4	.4	.1							3.4	6.7
S	1.2	1.2	.6	.1		.1						3.2	5.8
SSW	1.0	1.6	1.3	.1								4.1	5.5
SW	1.0	1.5	1.0	.7	.7	.4						6.4	6.6
WSW	.4	.4	1.6	1.8	.7	1.3	.1					6.6	14.6
W	.1	.7	3.2	3.1	2.1	.9	.4	.1				10.7	13.6
WNW		.6	.6	.7								1.9	10.9
NW	.7	1.2	1.2	.1								2.8	6.6
NNW		.1	1.2	.7								2.1	10.1
VARBL													
CALM												37.6	
	9.8	13.5	17.3	12.6	4.8	3.1	.9	.1				100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 631

GENERAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 164530 DELA ITALY STATION NAME 74-53 YEARS APR  
 CLASS ALL WEATHER HOURS (L & T) 1200-1400  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	.2	.7	.6								2.2	1.2
NNE		.7	.3									1.0	1.2
NE	.4	.7	.4									1.8	5.3
ENE		.4	1.3	1.8	.6							4.1	1.2
E	.3	.4	.6	1.5	.4		.1					2.4	1.2
ESE		.3	.4	.1								2.9	1.2
SE		.7	.4	.6	.7							2.4	1.2
SSE	.7	.7	1.6	1.5	.3							4.7	4.5
S	1.5	2.5	1.8	1.0	.3							7.1	7.1
SSW	2.2	2.5	2.2	1.0								6.6	5.7
SW	1.3	2.7	4.1	4.6	.6	1.2	.3					14.8	15.9
WSW	.3	2.7	2.4	7.1	4.9	3.5	.7	.4				22.1	15.9
W	.1	1.3	1.3	2.2	3.3	4.6	1.2					14.1	12.5
WNW		.1		.6	.1							2.9	1.2
NW	.1	.3	.3	.1								.9	7.6
NNW			.4	.7		.4						1.8	1.5
VARBL													
CALM												9.8	
	8.1	15.7	18.5	23.9	11.3	9.9	2.4	.4				100.0	11.3

TOTAL NUMBER OF OBSERVATIONS 675

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

164537 STATION GELA ITALY STATION NAME 74-87 YEARS ALL WEATHER CLASS 1952-1958 MONTHS  
 CONDITION

SPEED (KNTS): DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2		.6	.6	.1	.1						1.7	11.3
NNE		.4	.1		.1							.7	4.2
NE		.7	.4	.6								1.7	8.9
ENE	.1	.4	1.4	2.3	.1							4.4	11.1
E		.1	.3	.6	.4	.3	.1					1.7	16.2
ESE	.1	.4	.1	.1	.1							1.0	7.3
SE	.1	.3	.7	.6		.1						1.1	11.7
SSE	.4	.7	1.4	1.6	.4	.7						3.1	11.9
S	.7	3.1	2.1	.9	.6	.3						7.7	8.6
SSW	1.4	1.6	1.1	.3	.1							4.0	8.1
SW	1.4	1.5	2.3	2.7	.7							8.1	7.3
WSW	.9	1.7	2.6	3.1	4.8	6.5	1.0					20.2	16.7
W	.3	.9	1.4	3.7	7.1	6.3	2.1	.1				21.5	16.7
WNW		.1	.7	.1	.4	.4						1.9	15.3
NW	.1	.4	.4	.3								1.3	7.6
NNW	.1	.3	.7	.7	.1							2.0	10.1
VARBL													
CALM												11.1	
	8.1	12.1	16.8	27.9	15.4	14.1	3.3	.1				100.0	12.5

TOTAL NUMBER OF OBSERVATIONS 702

U.S. AIR FORCE  
 METEOROLOGICAL CLIMATOLOGY BRANCH  
 WASHINGTON, D.C.  
 U.S. WEATHER SERVICE/AFMAG

# SURFACE WINDS

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

STATION 1452 VELA ITALY STATION NAME 74-83 YEARS 1952-1953 AFS 8027H  
 CLASS ALL WEATHER HOURS (L.S.T.) 1400-2000  
 CONDITION \_\_\_\_\_

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	1.1	.2	.4								1.9	7.5
NNE	.4	.2		.4								.2	7.2
NE		.4	.7	.9								2.1	12.3
ENE		1.1	2.6	1.5	.6		.2					3.1	12.8
E		1.1	.9	.4								2.4	7.8
ESE	.4	.2	.7	.6	.2							2.1	5.4
SE	.2	1.1	.9	.7								3.7	7.5
SSE	.2	.4	1.1	1.1	.2							3.2	7.9
S	1.1	1.1	.8	.4								3.2	5.2
SSW	.7	.2	.7									1.7	5.4
SW	.4	1.1	1.1	.9	.2							3.7	5.2
WSW	.2	.9	1.5	7.4	2.2	1.7						11.3	14.2
W	.2	1.7	3.7	7.7	0.6	3.7	.4	.2				26.4	12.5
WNW		.7	1.7	1.1	.6		.4					4.5	12.5
NW	.7	.5	1.1	.4								2.7	7.5
NNW		.1	.9	.6								2.1	5.2
VARBL													
CALM												23.2	
TOTAL	5.5	12.5	14.0	27.4	13.5	4.7	.9	.2				100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 534

GENERAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

174530 DELA ITALY STATION NAME 74-63 YEARS NORTH  
 ALL WEATHER CLASS 110-2000 HOURS (LST)  
 CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	1.3	.7									3.0	4.8
NNE	.3	.2	.7	.3								1.5	7.2
NE	.7	1.0	.3	2.3								4.3	9.1
ENE	1.0	2.3	3.6	.7	.7	.3						6.6	6.6
E	1.6	2.3	1.0	.3								5.3	5.3
ESE	.7	.3	.3									1.3	5.3
SE	.3		.3									.7	5.5
SSE	.3											.7	3.0
S	1.0	.3										1.3	3.5
SSW		.3										.7	4.0
SW	.3		1.0									1.3	6.1
WSW	.3		.7	.3		.7						1.5	13.6
W		2.0	3.3	2.0	1.6	1.0	.7					10.2	12.6
WNW	.3	2.0	3.9	.7		.7						7.2	8.6
NW	.7	1.0	1.6	.3								3.3	6.6
NNW	.7		.7									1.3	5.0
VARBL													
CALM												4.0	
	9.2	13.2	18.1	6.9	2.3	2.0	.3					100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 574

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

## SURFACE WINDS

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

134537 DELA ITALY STATION NAME 74-27 YEARS APR  
STATION NORTH

ALL CLASS ALL  
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	.6	.7	.4	.2	.2	.2						2.1	6.9
NNE	.4	.5	.2	.1	.2	.2						1.2	5.9
NE	.4	.3	.9	.6	.1							2.7	6.0
ENE	1.0	1.0	2.6	1.0	.4	.1						6.2	6.9
E	.6	.9	.6	.6	.2	.1	.1					3.3	6.7
ESE	.7	.3	.2	.1	.1							1.2	7.4
SE	.7	.3	.5	.5	.1							1.7	9.7
SSE	.3	.6	.8	.8	.2	.1						2.7	9.4
S	.5	1.3	.8	.4	.1	.1						3.2	7.2
SSW	.6	1.2	.9	.2	.2	.2						3.1	6.2
SW	.7	1.1	1.4	1.3	.4	.3	.0					5.2	12.0
WSW	.4	.8	1.4	2.9	2.1	2.7	.7	.1				9.8	12.8
W	.3	1.2	2.1	2.9	3.5	2.6	.7	.1				17.4	16.2
WNW	.2	.9	1.3	.6	.3	.1	.0					3.4	9.6
NW	.5	.9	.8	.2								2.4	6.3
NNW	.4	.4	.6	.4	.2	.1						1.2	6.5
VARBL													
CALM												34.3	
	9.2	13.5	15.5	13.9	7.6	5.5	1.2	.1				100.2	7.3

TOTAL NUMBER OF OBSERVATIONS 4236

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

164530 GELA ITALY 74-83 MAY  
 STATION STATION NAME YEARS MONTH  
 ALL WEATHER  
 CLASS  
 000-0000  
 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									1.2	4.3
NNE	.4	1.6										2.7	4.2
NE	.4	2.4	1.6	1.6	.4							8.4	8.3
ENE	3.2	1.2	3.2	.4	.4							5.4	6.1
E		.8	.4									1.2	6.3
ESE				.4								.4	15.0
SE	.4	.4										.4	4.0
SSE		.0										.3	5.5
S													
SSW	.4											.4	2.7
SW			.4									.4	7.0
WSW	.4			.4	.4							1.2	11.3
W		.2	.4	1.2	.4	.3			.4			4.0	17.3
WNW	1.2	.4	1.2									2.3	5.0
NW	.4	.4	.0		.4							2.0	7.8
NNW	1.2	1.2		.4								2.3	5.0
VARBL													
CALM												5.3	
	9.4	10.4	8.4	4.4	2.7	.8			.4			100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 261



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/HAC

# SURFACE WINDS

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

STATION 164537 GELA ITALY STATION NAME 74-83 YEARS MAY  
 CLASS ALL WEATHER HOURS (LST) 0700-0500  
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	.0		.2								1.2	4.5
NNE	.7	.7	.5									1.9	4.6
NE	.7	3.5	2.8	1.4								8.3	7.4
ENE	1.4	2.8	2.3	.7	.2	.2						7.6	7.7
E	.2		.5	.5	.5							1.9	11.3
ESE			.2	.5								.7	11.7
SE													
SSE		.2										.2	4.0
S						.2						.2	27.0
SSW													
SW					.2							.2	14.0
WSW				.7								.7	13.7
W		.7	.2	.7	1.4	.7	.5	.2				4.4	10.3
WNW	.5	.7	1.2	.5	.2							3.2	8.6
NW	.2	.7	.2	.5	.2							1.6	7.4
NNW	.5	.0	.5	.2								2.1	5.8
VARBL													
CALM												5.5	
	4.2	11.1	6.3	5.8	2.5	1.2	.5	.2				100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 432

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

144530 VELA ITALY STATION NAME 74-83 YEARS MAY MONTH  
ALL WEATHER CLASS 2600-2600 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	.3									1.3	4.1
NNE	.7	.3	.3									1.3	4.2
NE	.7	.9	2.2	1.5	.3							5.6	8.8
ENE	1.6	1.8	1.6	2.5	.6							8.1	6.6
E	.3	.7	.1	.3	.1							1.4	7.5
ESE	.1			.1								.3	9.0
SE		.1										.1	4.0
SSE	.3	.4	.1									.9	4.3
S	.1											.1	3.0
SSW		.3										.3	4.0
SW		.3		.1	.1	.1						.7	13.4
WSW	.1	.1	.4	.1	.1	.1						1.2	11.3
W	.3	.6	1.2	1.8	.7	.9	.4					5.9	14.9
WNW	.3	.6	.3	.7								1.9	8.5
NW	.1	.6	.1									.9	4.7
NNW	.4	.9	.3									1.6	5.0
VARBL													
CALM												67.9	
	5.9	8.2	7.1	7.2	2.1	1.2	.4					100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 679

GENERAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

144920 STATION GELA ITALY STATION NAME 74-53 YEARS MAY  
 CLASS ALL WEATHER HOURS 0800-1100  
 CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.6	.6	.4								1.8	0.1
NNE		.2	.6	.3								1.2	0.8
NE	.1	.7	1.7	1.0	.3	.3						3.5	1.4
ENE	.3	.7	1.3	2.4								4.7	10.1
E	.1	.4	1.2	.3								2.1	7.9
ESE		.3	.4									.7	7.0
SE	.1	.7	.6	.3								1.5	0.8
SSE	1.2	1.5	.6	.1								2.4	5.3
S	3.4	2.2	.7	.6								6.9	4.6
SSW	1.9	3.5	1.5	.7								7.7	5.8
SW	2.1	3.1	2.7	1.3	.6							9.9	7.6
WSW	.1	2.2	1.6	4.6	1.3	.7	.1					12.5	12.3
W	.1	.9	1.3	2.4	1.2	1.9	.7					8.5	16.4
WNW	.3	.1	.1	.3								.9	0.5
NW	.4	.3	.7									1.8	4.9
NNW		.1	.1	.3								.6	1.3
VARBL													
CALM												4.2	
	10.3	15.0	15.0	15.0	3.4	2.9	1.7					10.0	6.1

TOTAL NUMBER OF OBSERVATIONS 678

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

184530 LELA ITALY STATION NAME 74-83 YEARS MAY  
 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	.0	.2	.2									.2	4.7
NNE		.2	.2									.3	6.5
NE	.2		.6	.8	.2	.2						1.0	11.8
ENE		.6	.8	2.7								3.5	11.3
E	.2	.2	.3	.5								1.1	9.1
ESE			.5	.8								1.2	11.9
SE	.3	.2	.2	.6	.2							1.0	10.6
SSE	.5	.6	.5	.8	.2							2.7	7.1
S	1.5	4.2	1.4	1.5	.9	.7						10.2	7.9
SSW	4.1	5.5	2.4	.6	.5	.2						13.2	5.7
SW	.8	2.7	5.6	6.2	1.8	.6	.7					17.3	11.4
WSW	.3	1.5	6.1	6.7	5.2	2.0	.5					23.5	14.1
W		.2	2.0	1.8	1.4	2.6	2.7	.5				11.1	20.7
WNW		.2	.2	.2	.2							.0	11.5
NW		.7		.3								.6	10.5
NNW	.2		.5									.6	7.8
VARBL													
CALM												10.0	
	9.1	15.8	21.1	22.4	10.3	6.7	3.5	.5				100.0	10.5

TOTAL NUMBER OF OBSERVATIONS 66

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

1-4531 VELA ITALY 74-87 MAY  
STATION NAME YEARS MONTH  
ALL WEATHER 1502-1700  
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			.7	.4		.1						.8	13.5
NNE			.4	.1								.5	8.3
NE		.7	.1	.7	.1							1.6	11.7
ENE			1.2	1.0	.1							2.4	11.3
E			.7	.9								1.6	11.7
ESE	.1	.3	.6	.4	.1							1.5	10.0
SE		.6	.6	.3								1.5	8.7
SSE	1.7	2.1	.6	.4	.3	.1						4.2	7.7
S	1.3	3.3	.4	.7	.6	.4						7.3	7.8
SSW	3.1	4.5	2.4	.1		.5						10.5	8.2
SW	1.2	2.7	3.0	2.5	1.6	.4						11.9	12.2
WSW	1.2	2.1	3.1	6.7	4.7	4.5	1.5					22.5	15.9
W	.1	.6	2.5	3.2	3.9	5.1	1.9	.3				16.8	14.6
WNW	.1	.4	.4	.4	.3							1.6	9.6
NW			.7	.1	.1							.9	12.8
NNW				.1	.1							.2	15.0
VARBL													
CALM												13.8	
	9.3	16.9	16.9	16.0	11.5	11.4	3.4	.3				109.2	11.0

TOTAL NUMBER OF OBSERVATIONS 666

GENERAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION: 314530 COLLA ITALY STATION NAME: 74-23 YEARS: MAY  
 CLASS: ALL WEATHER HOURS: 1400-1900  
 CONDITION: \_\_\_\_\_

SPEED KNTS. DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.7	1.1	.5								2.4	2.6
NNE	.4	.4	.7	.5								1.5	5.1
NE		.4	1.1	.7	.2	.2						2.7	10.9
ENE		.4	1.7	.5								2.2	8.9
E	.4	.5	.7	.4		.5						1.8	8.7
ESE		.7	.7	.4	.7							.9	11.7
SE	.4	.7	.7	.5	.7							2.5	8.2
SSE	1.1	1.1	.7	.4	.4							3.8	7.1
S	1.8	1.3	.5	.7		.2						4.5	6.5
SSW	1.8	.8	1.3	.4	.4							4.7	6.1
SW	1.3	1.1	1.6	1.3	.2	.2						5.6	8.2
WSW	.4	1.1	1.3	2.5	2.4	.9	.2					9.3	13.7
W	.7	.7	1.6	5.6	5.3	4.2	.6					14.7	17.2
WNW		1.1	.4	1.1								2.5	4.3
NW		.7	.5	.2								1.5	7.6
NNW			.4	1.1	.4							1.8	12.9
VARBL												73.0	
CALM													
	7.6	10.4	15.1	16.7	9.5	5.8	1.1					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 352

GENERAL CLIMATOLOGY BRANCH  
 USAF/TAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

144520 WELA ITALY 74-83  
 STATION NAME YEARS  
 ALL WEATHER CLASS  
 MAY MONTH  
 110-200 HOURS U.S.T.  
 CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	.4	1.2									2.1	1.2
NNE	1.1	1.6										2.7	1.8
NE	1.1	2.7	.4	2.9								6.5	2.6
ENE	1.4		1.9	.4								3.2	2.2
E	1.1	1.4		.7	.7							4.2	1.8
ESE													
SE													
SSE		.4	.4	.4								1.1	1.2
S	.4											.4	3.2
SSW		.4										.4	6.2
SW		.4		.7								1.1	1.3
WSW	.4		.4		.4							1.1	1.7
W	.4	1.1	3.3	3.6	.7							9.1	1.4
WNW	.4	1.1	2.5	.4	.4							4.7	1.9
NW	.7	.7	.4									1.2	2.2
NNW	.7	1.8	.4									2.2	4.6
VARBL													
CALM													
	3.0	11.6	11.2	4.1	2.2							10.1	1.3

TOTAL NUMBER OF OBSERVATIONS 276

CENTRAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

1949 STATION CELA ITALY STATION NAME 74-63 YEARS        MONTH         
 CLASS ALL WEATHER 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	.4	.6	.7		.5						1.0	7.4
NNE	.3	.5	.5	.1								1.2	7.7
NE	.5	1.5	1.3	1.1	.2	.1						4.0	7.8
ENE	.7	.9	1.5	1.5	.2	.5						4.0	7.9
E	.7	.4	.5	.5	.1	.5						1.8	7.8
ESE	.7	.1	.3	.3	.7							.8	11.4
SE	.1	.4	.7	.3	.7							1.8	8.1
SSE	.7	1.7	.4	.2	.1	.7						2.8	8.1
S	1.4	1.7	.5	.5	.2	.2						4.0	8.9
SSW	1.7	2.3	1.2	.3	.1	.1						5.7	8.8
SW	.5	1.5	2.7	1.8	.7	.2	.1					7.1	9.0
WSW	.5	1.1	2.1	3.2	2.1	1.4	.4					11.0	14.3
W	.1	.7	1.6	3.4	2.1	2.3	1.1	.1				11.0	17.7
WNW	.5	.5	.6	.5	.1							2.0	8.6
NW	.7	.4	.3	.1	.7							1.1	7.2
NNW	.7	.5	.7	.3	.1							1.3	7.5
VARBL													
CALM												14.3	
	20.0	17.3	13.7	13.5	6.1	4.5	1.5	.1	.7			102.2	8.6

TOTAL NUMBER OF OBSERVATIONS 4104



GENERAL CLIMATOLOGY BRANCH  
 WCAPLTAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

1945.3 STATION PIA ITALY YEAR 77-78 MONTH JUL  
 CLASS ALL WEATHER HOUR 00-0100  
 CONDITION

SPEED (KNTS) DIR	1-3	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										1.5	3.3
NNE		.4										.4	.8
NE	.4		1.2									2.0	2.8
ENE	.4	1.6	2.8	.4								5.2	7.2
E		1.2										1.2	4.3
ESE	.4	.4										.4	2.2
SE		.4										.4	4.2
SSE													
S													
SSW	.4			.4								.4	2.5
SW													
WSW		.4										.4	4.2
W	.4	1.2	.4	.4								2.4	2.7
WNW	.4	1.2	.4			.4						2.4	2.1
NW		.4	.4	.4								.4	2.5
NNW		1.6	.4									1.6	2.8
VARBL													
CALM												76.8	
	3.3	11.0	6.7	1.6		.4						100.0	1.5

TOTAL NUMBER OF OBSERVATIONS 254

NATIONAL CLIMATOLOGY BRANCH  
 WAFB/TAC  
 AIR WEATH - SERVICE/MAC

# SURFACE WINDS

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

14037 DELS ITALY 71-12 STATION NAME YEARS  
 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	1.4	1.4	.7									
NNE	.7	.7	.7									
NE	.7	1.1	1.4	.7								
ENE	1.4	1.1	1.4	.7								
E	1.4	.7	.7	.7								
ESE												
SE												
SSE												
S												
SSW			.7									1.0
SW	.7											.7
WSW	.7											.7
W	.7	.7	.7	.7								.7
WNW	.7	.7	.7	.7								1.0
NW	.7	.7	.7	.7								1.0
NNW	.7	1.4	.7	.7								1.3
VARBL												
CALM												7.0
	7.1	7.1	7.8	1.8								1.0

TOTAL NUMBER OF OBSERVATIONS 477

U.S. AIR FORCE  
 METEOROLOGICAL SERVICE  
 WASHINGTON, D. C.

# SURFACE WINDS

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

STATION NAME ALA XIAO YEARS 73-82 MONTH JUL  
 CLASS ALL WEATHER HOUSE NO. 2888  
 CONDITION \_\_\_\_\_

SPEED KNOTS C.P.	1-3	4-6	7-10	11-15	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	3.9
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	4.2
NE	.0	1.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	3.4	5.1
ENE	.0	2.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	5.0	6.8
E	.0	2.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	2.1	5.5
ESE	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.5
SE	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	10.5
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.0
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.0
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.0
SW	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.4	4.7
WSW	.0	.7	.1	.7	.0	.0	.0	.0	.0	.0	.0	1.0	7.1
W	.0	1.0	.0	1.0	.1	.0	.0	.0	.0	.0	.0	2.0	9.4
WNW	.0	.0	1.0	.1	.0	.0	.0	.0	.0	.0	.0	1.3	4.6
NW	.0	.4	.7	.0	.0	.0	.0	.0	.0	.0	.0	1.0	4.6
NNW	.0	.0	.7	.4	.0	.0	.0	.0	.0	.0	.0	1.2	3.3
VARBL													
ALM												26.0	
	1.7	10.3	4.4	2.5	.6							36.0	1.5

TOTAL NUMBER OF OBSERVATIONS 652

GENERAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 174537 DELA ITALY STATION NAME 77-52 YEARS 77-82 MONTH JUL  
 CLASS ALL WEATHER HOURS (LST) 000-1100  
 CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7				.1							.4	7.3
NNE	.1											.1	3.0
NE	.3	.1	.1									.5	4.5
ENE	.1	.7	.6	.7								1.7	7.3
E	.4	.4	.7	.1								1.6	5.6
ESE	.1	.1	.1	.1								.6	7.5
SE	.7	.4	.4	.3								1.9	6.2
SSE	3.2	1.7	.3	.4								4.6	4.8
S	1.0	1.8	1.7	.1	.1							4.5	5.3
SSW	.4	5.5	3.0	.1								12.0	5.0
SW	3.0	4.0	3.4	3.7	.3							12.0	7.5
WSW	1.7	1.8	3.1	3.6	2.0	.4						10.2	11.2
W	.0	1.6	1.9	2.2	1.8	.4	.4	.1				9.5	13.1
WNW	.7		.1	.1								.6	5.3
NW		.7	.4	.4								1.2	4.3
NNW		.4		.1	.3							.7	10.7
VARBL													
CALM												24.4	
	13.9	19.0	15.3	1.6	4.0	1.7	.4	.1				100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 674

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

164530 GELA ITALY 77-82 1982  
 STATION STATION NAME YEAR MONTH  
 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							.3	1.00
NNE	.2	.2										.2	5.00
NE				.2								.2	12.00
ENE		.2	.2	.2								.2	9.33
E		.2										.2	4.00
ESE		.2	.2									.2	6.50
SE	.3	.3	1.4	.3								2.3	7.88
SSE	.5	.5	.9	1.5	.3	.2						3.2	1.04
S	2.7	2.6	2.0	1.2	.2	.3						8.9	6.29
SSW	3.9	7.1	6.3	.6								17.9	6.20
SW	1.7	4.5	5.9	6.5	1.8	.5		.2				21.9	12.50
WSW	.5	2.7	5.9	8.3	5.7	2.6	.6					25.4	14.11
W		.7	1.7	1.8	2.0	2.9	2.4	.3				11.4	22.20
WNW				.5	.2	.2						.3	17.00
NW													
NNW					.2							.2	17.00
VARBL													
CALM												6.31	
	9.6	18.0	24.2	23.9	17.5	6.5	3.0	.5				100.0	10.5

TOTAL NUMBER OF OBSERVATIONS 665

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 104530 STATION NAME GELA ITALY YEARS 73-82 MONTH JUN  
 CLASS ALL WEATHER 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	.1	.1						.2	10.3
NNE		.1		.1								.3	10.0
NE													
ENE			.1	.3								.4	11.3
E		.3	.1									.4	6.7
ESE			.1	.4	.1							.7	12.8
SE	.1	.3	.4	.7								1.6	9.6
SSE	.2	1.6	1.2	.9	.4	.7						4.7	9.7
S	2.5	2.8	1.9	.9	.7							6.7	6.2
SSW	4.3	4.9	2.2	1.2	.3							12.9	5.7
SW	1.9	2.7	4.0	2.7	2.5	.1						13.9	9.8
WSW	.7	2.5	4.6	5.5	4.7	4.9	.9					23.7	15.2
W		1.8	1.6	2.4	3.7	4.0	1.9	.7				16.5	19.5
WNW			.1	.1								.7	11.0
NW				.7	.3							.8	15.6
NNW	.1		.1	.4	.1							.7	12.2
VARBL													
CALM												13.7	
	15.3	17.1	16.7	16.1	12.2	10.3	2.9	.7				100.0	10.6

TOTAL NUMBER OF OBSERVATIONS 678

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

144530 VELLA ITALY STATION NAME 73-EC YEARS 1960-1960  
 STATION MONTH  
 ALL WEATHER CLASS  
 HOURS (LST)  
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N			.2	.6	.8							1.7	14.7
NNE													
NE	.2	.6	.4	.2								1.4	6.4
ENE	.2		.2	.4								.8	10.0
E													
ESE			1.5									1.5	8.8
SE		.6	2.1	.6								3.3	8.9
SSE	.2	2.5	1.5	.6								4.2	7.1
S	2.5	1.7	1.5									5.3	4.6
SSW	2.5	3.5	1.7	.2								7.9	5.0
SW	1.4	1.2	.8	1.2	.2	.4						5.1	6.7
WSW	.3	1.4	2.9	3.1	2.9	2.1						13.2	13.5
W	.4	1.4	2.9	2.7	3.9	2.1	1.2					14.5	15.9
WNW	.2	.2	.4	.8								1.5	10.8
NW		.2	.6	.6								1.4	9.7
NNW			.2	1.7	.2							1.4	13.4
VARBL													
CALM												35.3	
	0.3	13.2	17.0	12.6	7.9	4.6	1.2					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 517

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

164530 CELA ITALY 73-82 JUL 1980  
STATION NAME YEARS MONTH

ALL WEATHER  
CLASS

110-2300  
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	.4	.7	2.2	.4	.4							4.2	2.6
NNE													
NE	.4	.4	.7	.7								2.2	7.7
ENE	.4	2.2	2.5									5.1	6.4
E	.7	1.1										1.8	4.2
ESE	.7	.4	.4									1.4	4.3
SE		.4										.4	5.7
SSE	.7	.7										1.4	3.8
S	.7	.4	.4									1.4	4.3
SSW			.4									.4	7.0
SW													
WSW	.4	.4	.4	1.1								2.2	6.7
W		1.1	2.9	2.2	.4							6.5	9.6
WNW	.7	.7	.7	.7								2.2	6.5
NW	.4	.7	.7									1.8	5.8
NNW	.7	1.4	.7									2.9	5.3
VARBL													
CALM												6.5	
	5.1	17.4	11.2	5.0	.7							100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 278



GENERAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

184530 STATION NAME SELA ITALY YEARS 73-81 MONTH JUL  
 STATION CLASS ALL WEATHER HOURS (LST) ALL  
 CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.4	.7	.1	.2	.2						1.4	2.2
NNE	.2	.2	.0	.0								.4	4.2
NE	.4	.5	.5	.1								1.5	5.9
ENE	.5	.0	.8	.4	.0							2.7	7.7
E	.4	.6	.2	.0	.0							1.2	5.3
ESE	.1	.1	.3	.1	.0							.6	6.0
SE	.2	.3	.6	.3								1.4	8.6
SSE	.6	1.0	.6	.5	.1	.1						2.9	7.7
S	1.5	1.3	1.0	.4	.1	.2						4.4	5.9
SSW	2.2	3.2	2.1	.3	.0							6.3	5.5
SW	1.1	2.0	2.2	2.0	.8	.1		.0				8.3	4.2
WSW	.5	1.3	2.6	3.3	2.4	1.5	.2					11.3	13.7
W	.2	1.1	1.6	1.7	1.6	1.6	.9	.2				9.1	16.4
WNW	.3	.3	.4	.3	.0	.0						1.3	6.5
NW	.1	.3	.4	.2	.0	.0						1.1	6.6
NNW	.1	.5	.2	.2	.1							1.2	6.7
VARBL													
CALM												42.7	
	6.3	14.1	13.9	10.2	5.6	3.5	1.1	.2				100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 4185

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

144530 STATION DELA ITALY 77-60 YEARS Jul 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	0.3	1.1										0.4	3.6
NNE	.5	.4										1.1	3.3
NE	.4	1.1										1.5	4.5
ENE	.5											.5	2.7
E	1.5	.0	.2									3.0	4.3
ESE	.4											.4	2.5
SE	.4											.4	2.0
SSE													
S	.4	.4										.8	4.5
SSW		.4										.4	5.7
SW				.4								.0	7.0
WSW	.4											.0	7.0
W	.4	.2	.4	.4			.4					1.9	11.4
WNW	.4	.0	.2									1.9	8.4
NW	1.1	.4										1.5	3.3
NNW		1.5										1.0	5.0
VARBL													
CALM												0.0	
	9.1	7.6	1.9	.4			.4					10.0	9.9

TOTAL NUMBER OF OBSERVATIONS 263

U.S. FEDERAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

14537 STATION DELA ITALY STATION NAME 77-80 YEARS 1961  
 CLASS ALL WEATHER HOURS (LST) 1200-0000  
 CONDITION

SPEED (KNTS) DIR.	1-3	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	.9										2.1	3.3
NNE	.2	.7										.4	4.8
NE	.7	.2	.7	.2								1.4	5.7
ENE	.9	1.6	.2									2.7	4.8
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W	.2	1.2	.2									1.6	4.7
WNW		1.6	1.2									2.8	6.0
NW	.5	.5	.9									1.9	5.8
NNW	.2											.5	2.0
VARBL													
CALM												6.1	
	4.2	6.7	2.8	.2								10.0	7

TOTAL NUMBER OF OBSERVATIONS 432

GENERAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

1845 30 STATION CELA ITALY STATION NAME 73-52 YEARS JUL  
STATION MONTH  
ALL WEATHER CLASS 0000  
CLASS HOUR 11 5 T  
 CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	.5										.7	4.3
NNE	.2	.5	.2									.9	3.3
NE	.5	.6	.2									1.3	4.3
ENE	1.1	.8	1.1									3.0	5.7
E	.5	.3										.8	3.4
ESE													
SE	.2											.3	3.0
SSE													
S		.2										.3	3.0
SSW													
SW		.5	.2									.7	3.7
WSW		.5	.2									.7	3.5
W	.5	1.1	.2	.4	.2							2.7	9.0
WNW	.6	1.1	.2									1.9	4.4
NW	.5	.5	.3	.2								1.5	3.6
NNW		.5	.2									.7	3.5
VARBL													
CALM												10.6	
	4.1	6.6	2.4	.9	.7	.2						17.0	.5

TOTAL NUMBER OF OBSERVATIONS 172

FEDERAL BUREAU OF SURVEY  
 U.S. DEPARTMENT OF COMMERCE  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

164530 LELA ITALY STATION NAME 73-82 YEARS JUL MONTH  
ALL WEATHER CLASS 1962-1966 HOURS (LST)  
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2		.6	.3								1.1	6.9
NNE	.2		.7									.2	5.5
NE	.3	.7		.2								.6	5.3
ENE	.3	.3	.6	.2								1.2	6.6
E	.2											.2	3.0
ESE		.7	.3									.2	7.2
SE		.2	.5									.6	7.5
SSE	.0	.0	.5									.2	4.6
S	3.2	3.9	.5									7.2	4.2
SSW	3.2	6.5	2.9	.3								13.5	4.9
SW	2.3	4.4	3.3	1.1	.2							11.3	6.3
WSW	1.2	3.5	3.5	2.0	.4							11.7	6.2
W	.5	1.2	1.8	1.7	1.2	.7	.5					7.1	12.4
WNW		.7	.7	.3								.2	9.2
NW			.2	.2								.3	12.5
NNW	.2		.7	.2								.6	8.3
VARBL													
CALM												7.5	
	12.6	21.6	15.6	0.1	2.0	.3	.5					100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 657

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 164530 GELA ITALY STATION NAME 73-82 YEARS ALL  
 CLASS ALL WEATHER HOURS 1200-1400  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	MEAN WIND SPEED
N					.2							17.2
NNE												16.0
NE				.2								9.2
ENE			.2	.2								9.2
E												6.5
ESE		.2	.2									6.5
SE		.3	.2	.3								6.2
SSE		.2	.3	.5								11.2
S	1.2	3.2	1.7	.5								5.7
SSW	3.1	7.2	6.6	.8								17.8
SW	1.8	5.8	7.9	1.9	2.0	.5						26.9
WSW	.7	2.8	6.1	8.9	3.2	3.5						25.3
W		1.1	2.1	2.7	3.5	3.1	2.0					14.5
WNW												17.9
NW												
NNW			.2	.2	.2							13.5
VARBL												6.1
CALM												
	6.6	20.8	25.3	22.9	9.8	7.3	2.7					100.0

TOTAL NUMBER OF OBSERVATIONS 655

CENTRAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAD

# SURFACE WINDS

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

18423 STATION 77-51 YEARS 1950-1952  
 1950-1952 MONTHS  
 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		.4								1.2	1.2
NNE		.2										.3	.2
NE		.2			.1							.1	.2
ENE													
E			.1									.1	.1
ESE		.1										.1	.1
SE		.1		.3								.7	1.2
SSE	.2	1.2	.4	.7								2.5	2.1
S	.7	3.4	2.0	.7								6.8	6.2
SSW	3.6	4.4	3.1	1.6	.3							12.0	11.2
SW	1.7	5.1	5.4	4.5	.9							17.6	17.2
WSW	.6	2.9	5.3	7.7	4.7	1.1	.4					22.9	19.9
W		2.5	2.4	7.8	2.9	6.6	2.2	.1				19.0	18.0
WNW				.1								.1	1.0
NW			.1	.3								.7	1.7
NNW			.1	.1	.1							.7	1.7
VARBL												.7	1.7
CALM												11.2	
	7.1	19.7	10.1	17.8	9.1	12.3	2.6	.1				100.0	11.8

TOTAL NUMBER OF OBSERVATIONS 135

GENERAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAG

# SURFACE WINDS

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

1949 STATION: SULA ITALY STATION NAME: 77-11 YEARS: 1949  
 CLASS: ALL WEATHER HOURS: 24  
 CONDITION:

SPEED KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥55	%	MEAN WIND SPEED
N			1.1	2.5	2.2	2.2						10.3	10.8
NNE				1.1	1.1	1.1						3.5	10.7
NE				1.1	1.1	1.1						3.5	10.7
ENE	1.1		1.1									2.2	10.7
E	1.1	1.1	1.1	1.1	1.1							6.6	10.7
ESE	1.1	1.1	1.1	1.1	1.1							6.6	10.7
SE	1.1	1.1	1.1	1.1	1.1							6.6	10.7
SSE	1.1	1.1	1.1	1.1	1.1							6.6	10.7
S	1.1	1.1	1.1	1.1	1.1							6.6	10.7
SSW	1.1	1.1	1.1	1.1	1.1							6.6	10.7
SW	1.1	1.1	1.1	1.1	1.1							6.6	10.7
WSW	1.1	1.1	1.1	1.1	1.1	1.1						7.7	10.7
W	1.1	1.1	1.1	1.1	1.1	1.1	1.1					11.1	10.7
WNW	1.1	1.1	1.1	1.1	1.1	1.1	1.1					11.1	10.7
NW	1.1	1.1	1.1	1.1	1.1	1.1	1.1					11.1	10.7
NNW	1.1	1.1	1.1	1.1	1.1	1.1	1.1					11.1	10.7
VARBL													
CALM													
	14.7	14.7	15.6	15.6	15.6	15.6	4.7	6.6				10.3	10.8

TOTAL NUMBER OF OBSERVATIONS: 24

U.S. AIR FORCE - WIND DATA - SULA ITALY - 1949



NATIONAL CLIMATOLOGY BRANCH  
 WASHINGTON, D.C.  
 AIR WEATHER SERVICE/MAO

# SURFACE WINDS

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

164431 QUARETA ITALY STATION NAME 77-0 YEARS JUL MONTH  
ALL WEATHER CLASS 100-000 HOURS PER YEAR  
 CONDITION

SPEED KNTS. DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	.7	2.8	.7								7.1	7.1
NNE		.7	.7									1.4	1.5
NE		.7	.7									1.4	1.5
ENE	1.0	1.4										2.4	1.7
E	.7	1.7	.7									3.1	1.8
ESE												1.7	1.8
SE		1.7	.7									2.4	2.2
SSE	1.0	1.7										2.7	2.2
S		.7										1.4	1.5
SSW												1.7	1.8
SW		.7	.7									1.4	1.5
WSW	.7	.7	.7									2.1	1.8
W	.7	.7	2.1	.7	.7							4.2	2.2
WNW		.7	1.7	.7	.7							3.8	2.4
NW		.7	.7									1.4	1.5
NNW	.7	1.7	.7	.7								3.8	2.7
VARBL			.7	.7								1.4	1.5
CALM												73.4	
	4.7	1.1	0.1	1.7	.7							100.0	1.7

TOTAL NUMBER OF OBSERVATIONS 100

QUARETA ITALY  
 U.S. DEPARTMENT OF COMMERCE  
 NATIONAL CLIMATOLOGY BRANCH

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

1-4537 STATION CELA ITALY STATION NAME 77-52 YEAR 1952 MONTH JUL  
 CLASS ALL WEATHER HOURS (LST) ALL  
 CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	.7	.4	.7	.1	.0						1.5	5.1
NNE	.1	.3	.1	.6	.0	.0						.1	5.0
NE	.0	.7	.0	.1	.0	.0						.1	5.7
ENE	.0	.4	.4	.7								1.5	5.3
E	.4	.0	.1	.0								.0	4.6
ESE	.1	.2	.1									.4	5.5
SE	.1	.3	.7	.1								.1	7.3
SSE	.0	.7	.4	.3								1.7	6.7
S	.0	2.1	.8	.1								4.1	5.2
SSW	2.0	3.7	2.2	.5	.0							7.4	5.7
SW	1.0	2.7	3.1	2.5	.6	.2						12.1	6.9
WSW	.7	.0	2.9	2.4	1.7	1.5	.1					12.2	12.7
W	.0	1.0	1.7	2.2	2.1	2.0	.6	.0				12.5	15.9
WNW	.1	.0	.7	.2	.1							1.2	7.6
NW	.0	.0	.0	.1	.0							.7	6.9
NNW	.1	.2	.1	.3	.1							.5	6.8
VARBL													
CALM												44.0	
	7.3	14.7	13.2	1.0	4.7	3.8	.9	.0				170.0	5.5

TOTAL NUMBER OF OBSERVATIONS 4147

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

164937 BELLA ITALY 73-82 1950-1959  
 STATION NAME YEARS MONTH  
 ALL WEATHER CLASS 2000-0200 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	1.0	1.1	.4									2.1	4.1
NNE	.4	.3										2.1	4.0
NE	.5											2.5	2.0
ENE	2.7	.4	.4									2.4	2.3
E	.5											2.5	2.5
ESE		1.1										1.1	4.7
SE													
SSE	.4											2.4	3.0
S													
SSW													
SW			.4									2.4	2.0
WSW		.4	.4									2.5	7.0
W	.4	1.1	1.5	.4								2.4	7.3
WNW			1.1	.4		.4						1.9	11.6
NW	.4	.4										2.8	3.0
NNW		1.5										1.5	4.5
VARBL													
CALM												2.5	
	7.3	6.9	4.2	.6		.4						100.0	1.0

TOTAL NUMBER OF OBSERVATIONS 261

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 104530 CELA ITALY STATION NAME 72-62 YEARS ALL MONTH ALL  
 CLASS ALL WEATHER HOURS (LST) 0000-2000  
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.2	.5									1.4	5.2
NNE	.2	.2	.2									.7	5.7
NE	.9	1.1										2.1	3.3
ENE	.7	1.2		.2								2.2	5.0
E	.2	.6	.2									1.0	4.4
ESE	.2		.2									.5	5.7
SE													
SSE	.2	.2										.5	3.5
S		.2										.5	5.5
SSW	.2											.2	2.0
SW													
WSW			.5									.5	6.5
W	.2	.2	.7			.2						1.4	5.3
WNW	.3	.5	.2			.2						1.4	6.3
NW	.7	.9	.2									1.8	4.3
NNW	.7	.7										1.4	3.7
VARBL													
CALM												3.5	
	5.2	8.2	2.8	.2		.5						10.0	.9

TOTAL NUMBER OF OBSERVATIONS 436

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

14430 STATION GELA ITALY STATION NAME 73-62 YEARS 1960-1962 MONTH  
 ALL WEATHER CLASS 0610-0800 HOUR (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	.6	.3									1.4	4.9
NNE	.3	.3	.2									.8	4.6
NE	.2	.2										.4	3.5
ENE	.6	1.7	.5	.2								3.2	4.9
E	.3	.3										.6	3.6
ESE													
SE	.2	.2										.4	4.5
SSE		.2										.2	6.6
S													
SSW	.2											.2	2.2
SW			.2									.3	7.5
WSW	.2	.2	.3									.2	6.3
W	.3	.5	.3		.2	.2	.2					1.9	10.9
WNW													
NW	.3	.2										.5	3.7
NNW	.5	.6										1.1	3.9
VARBL													
CALM												24.0	
	3.6	4.9	1.9	.2	.2	.2	.2					10.0	.6

TOTAL NUMBER OF OBSERVATIONS 634

OFFICIAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

184930 SELA ITALY 7-82 STATION NAME YEARS MONTH  
 ALL WEATHER CLASS 100-100 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										.7	3.2
NNE	.1		.1									.5	5.5
NE	.1	.7	.1									.5	5.3
ENE		.6	.4	.7	.1							1.6	7.6
E	.7	.1	.1		.1							.7	7.2
ESE			.7									.3	6.2
SE	.5	.3	.4									1.5	5.1
SSE	1.5	1.5	.6	.1								3.6	4.7
S	2.5	2.4	1.2									6.3	4.3
SSW	2.0	6.2	.6	.3								9.9	4.5
SW	1.5	4.4	3.7	1.5	.3							11.0	7.3
WSW	.7	2.9	2.5	2.8	1.2							10.1	7.3
W	.3	1.3	1.6	.6	.7	.6						5.1	11.1
WNW													
NW													
NNW		.1	.1									.3	6.0
VARBL													
CALM												47.6	
	11.0	20.7	11.9	5.6	2.5	.6						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 650

GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

STATION 14530 GELA ITALY STATION NAME 73-52 YEAR 1966 MONTHS 12-0-1966  
 CLASS ALL WEATHER  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	MEAN WIND SPEED
N												
NNE												
NE												
ENE			.7		.7							14.8
E			.2									12.2
ESE												
SE		.7	.7	.3								8.8
SSE	.7	1.4	1.2	.5								8.8
S	1.5	4.4	2.7	1.1	.2							8.5
SSW	3.2	7.2	5.6	2.9	.5	.7						7.1
SW	.6	4.7	6.5	3.3	2.6	.7						12.2
WSW	.9	2.5	6.6	9.2	4.8	2.4	.6					13.6
W		.9	1.4	4.2	2.7	2.3	.2					15.4
WNW												
NW												
NNW												
VARBL												6.6
CALM												
	6.5	2.9	25.7	24.3	17.2	5.1	.8					126.0

TOTAL NUMBER OF OBSERVATIONS 066

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

184530 STATION 06LA ITALY STATION NAME 72-96 YEARS 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					.2	20.0
NNE													
NE			.1									.1	1.0
ENE			.7									.3	2.5
E		.5										.2	5.0
ESE													
SE		.7	1.0	.1								1.5	8.0
SSE	.5	.7	.9	.7								2.7	7.2
S	1.5	2.4	1.5	.6	.1							6.1	8.0
SSW	5.3	4.9	4.3	.6	.1							15.0	5.0
SW	1.0	3.0	5.8	4.7	3.0	.3	.1					18.5	11.6
WSW	.6	3.3	3.2	7.5	6.2	5.0	.7					20.6	15.3
W	.5	1.5	2.2	4.0	3.7	4.0	.7					17.3	16.8
WNW				.7	.1	.1						.0	17.2
NW													
NNW			.1	.1								.3	9.0
VARBL													
CALM												9.5	
	2.3	16.0	19.5	11.8	13.5	10.5	1.8					100.0	11.6

TOTAL NUMBER OF OBSERVATIONS 676



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

104530 STATION SCIA ITALY STATION NAME 73-80 YEARS 1950-1950 MONTH 1950-1950  
 CLASS ALL WEATHER  
 HOURS (LST) 1400-2000  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			1.2	.4								1.6	2.9
NNE													
NE													
ENE	.4	.2	.4	.2								1.2	7.2
E		.4	.4									.8	6.3
ESE	.2	.4	.2									.8	2.0
SE	1.2	.8	.6									2.5	4.8
SSE	.6	.8	.8	.4								2.7	6.3
S	2.3	2.5	.8									5.6	4.2
SSW	2.3	2.7	.6	.6								6.2	5.2
SW	1.2	1.6	3.1	1.2	.6							7.6	8.4
WSW	.6	1.0	3.5	5.6	3.3	1.7	.4					17.1	13.6
W	.2	.4	3.1	7.8	5.6	4.1						22.1	15.6
WNW			.6	1.0								1.6	1.5
NW													
NNW		.2	.2	.6								1.0	1.6
VARBL													
CALM												79.5	
	7.7	12.2	15.3	17.6	9.5	5.8	.4					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 216

GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 164530 VELA ITALY STATION NAME 73-80 YEARS 1970-1970 MONTH ALL

CLASS ALL WEATHER HOURS (LST) 2300

CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	1.0	1.5	.4								7.0	2.6
NNE		.4										.4	3.0
NE		.4										.4	4.0
ENE	1.0	.8	.8	.4								3.4	5.3
E	.8	.4		.4								1.0	6.3
ESE	1.1											1.1	8.3
SE	.4	.4										.4	3.0
SSE		.4	.8									1.1	6.0
S		.4										.4	6.0
SSW													
SW				.4								.4	7.0
WSW	.4	1.1	.4	.8								2.7	7.0
W		.4	3.0	7.0	.4							6.7	10.4
WNW		.4	.8	1.0								3.0	10.6
NW													
NNW	.4	.4		.4								1.1	6.0
VARBL													
CALM												73.1	
	4.0	6.8	7.2	7.6	.4							100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 264

GENERAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAJ

# SURFACE WINDS

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

14535 DELA ITALY STATION NAME 77-00 YEARS  
 ALL WEATHER CLASS  
 241 HOURS PER YEAR  
 CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	4.8
NNE	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3	4.9
NE	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	5.0
ENE	.0	.7	.4	.1	.1	.0	.0	.0	.0	.0	.0	1.0	5.1
E	.0	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.7	5.3
ESE	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	5.2
SE	.0	.3	.4	.1	.0	.0	.0	.0	.0	.0	.0	1.0	5.2
SSE	.0	.3	.6	.0	.0	.0	.0	.0	.0	.0	.0	2.1	5.2
S	1.2	1.0	1.0	.7	.0	.0	.0	.0	.0	.0	.0	4.4	5.5
SSW	.0	3.7	1.0	.7	.1	.0	.0	.0	.0	.0	.0	5.3	6.1
SW	.0	2.3	3.0	2.0	1.0	.1	.0	.0	.0	.0	.0	9.2	6.6
WSW	.0	1.7	2.6	3.9	2.4	1.4	.3	.0	.0	.0	.0	12.0	11.6
W	.0	.0	1.6	2.6	1.8	1.0	.2	.0	.0	.0	.0	7.0	14.2
WNW	.0	.1	.0	.3	.0	.1	.0	.0	.0	.0	.0	.5	11.2
NW	.1	.1	.0	.3	.0	.1	.0	.0	.0	.0	.0	.3	10.9
NNW	.0	.7	.1	.1	.0	.0	.0	.0	.0	.0	.0	.7	5.8
VARBL													
CALM												47.4	
	7.3	13.5	12.5	10.7	5.5	3.5	.5	.0	.0	.0	.0	100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 5133

CENTRAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

144537 SELA ITALY 72-  
 STATION STATION NAME YEARS MONTH  
 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	1.2	1.2	.4	.4								1.2	1.2
NNE													
NE													
ENE		2.4	1.2	.4								7.1	7.1
E	1.2											7.1	7.1
ESE													
SE													
SSE													
S				.4								.4	1.2
SSW				.4								.4	1.2
SW				.4								.4	1.2
WSW													
W													
WNW			2.4	.4								1.6	1.6
NW	.4	.4										1.6	1.6
NNW		1.2										2.4	2.4
VARBL													
CALM												7.1	7.1

TOTAL NUMBER OF OBSERVATIONS 202

GLOBAL CLIMATOLOGY BRANCH  
 WASHINGTON, D.C.  
 AIR WEATHER SERVICE/NAO

# SURFACE WINDS

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

1945-50 STATION NAME DELLA ITALIA YEARS 77-80  
 CLASS ALL WEATHER MONTH ALL MONTHS  
 CONDITION

SPEED (KNTS) DIR	1-3	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	2.1										0.4	1.2
NNE	2.0	2.7										0.5	1.3
NE	1.5	2.7										0.5	1.3
ENE	2.7	1.7	1.0	0.5								0.7	1.3
E	1.0	1.7	0.5									0.7	1.3
ESE				0.5								0.1	1.3
SE					0.5							0.1	1.3
SSE						0.5						0.1	1.3
S							0.5					0.1	1.3
SSW								0.5				0.1	1.3
SW									0.5			0.1	1.3
WSW										0.5		0.1	1.3
W											0.5	0.1	1.3
WNW												0.5	1.3
NW												0.5	1.3
NNW												0.5	1.3
VARBL												0.5	1.3
CALM												0.5	1.3

TOTAL NUMBER OF OBSERVATIONS 424

GLOBAL CLIMATOLOGY BRANCH WASHINGTON, D.C. AIR WEATHER SERVICE/NAO

CENTRAL CLIMATOLOGY BRANCH  
 WASHINGTON  
 A. LEATHERS, SUPERVISOR

# SURFACE WINDS

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

STATION: ALCA ITALY STATION NAME: ALCA ITALY YEAR: 77  
 CLASS: ALL MONTH: ALL  
 CONDITION: \_\_\_\_\_

SPEED KNTS. DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	•	1										2.4	7.5
NNE	•	1										2.4	7.5
NE	1	2										4.1	8.1
ENE	•	2	1									4.4	8.4
E	1	•	•									4.1	8.1
ESE	•											•	•
SE	•											•	•
SSE												•	•
S		•										•	•
SSW		•										•	•
SW												•	•
WSW												•	•
W		•	•	•	•	•						1.7	11.7
WNW	•	•	•	•	•	•						1.3	•
NW	•	1	•	•	•	•						4.1	•
NNW	•	•	•	•	•	•						1.1	•
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

STATION: ALCA ITALY YEAR: 77

AD-A137 570

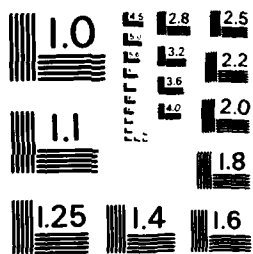
GELA ITALY REVISED UNIFORM SUMMARY OF SURFACE WEATHER  
OBSERVATIONS (RUSSW...) AIR FORCE ENVIRONMENTAL  
TECHNICAL APPLICATIONS CENTER SCOTT A... 03 NOV 83  
USAFETAC/DS-83/048 581-AD-E850 501 F/G 4/2

25

UNCLASSIFIED

NL

The table area is a large grid with approximately 15 columns and 15 rows. The majority of the cells in this grid are filled with solid black, indicating that the data has been redacted. Only the grid lines are visible, forming a series of empty rectangular boxes.



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



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIF WEATHER SERVICE/MAC

## SURFACE WINDS

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

STATION 164530 GELA ITALY STATION NAME 73-82 YEARS SEP  
ALL WEATHER CLASS 0900-1100 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.2	.3	.2								.9	6.8
NNE		.3										.3	4.0
NE	.2	.5	.5									1.1	5.7
ENE	.3	1.6	2.2	.5								4.5	7.2
E	.9	.6	.2	.2								1.9	4.7
ESE	.2		.6		.3	.2						1.2	12.9
SE	.9	.5		.3								1.7	4.8
SSE	3.0	2.3	.3	.2								5.8	3.9
S	1.7	3.0	.3									5.0	4.1
SSW	2.3	3.1	.9	.3								6.7	4.6
SW	1.1	2.5	1.7	.9	.2							6.4	7.0
WSW	.8	.6	1.4	.8	.5	.2						4.2	9.6
W	.5	.8	1.6	1.4	.6	.6	.5					5.9	13.1
WNW		.2	.3		.3							.8	12.0
NW													
NNW		.2	.2		.2							.5	10.0
VARBL													
CALM												3.2	
	12.1	16.2	10.4	4.7	2.0	.9	.5					100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 693

GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 164530    GELA ITALY    STATION NAME    73-82    YEARS  
 CLASS ALL WEATHER    HOURS (LST) 1200-1400  
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3											.3	2.5
NNE													
NE	.2	.2	.2									.5	5.7
ENE	.2	.3	.6									1.1	7.4
E	.2	.2	.5									.6	6.8
ESE	.2				.3							.5	14.3
SE	.5	.2		.2		.2						.9	8.5
SSE	.5	1.2	1.6	.2	.2							3.6	7.2
S	2.8	4.0	2.0	1.1	.2							10.1	6.0
SSW	7.3	7.2	7.3	3.1	.2							25.0	6.3
SW	1.1	3.1	7.3	4.8	2.0	.5	.2					19.0	10.4
WSW	.8	2.2	5.3	6.2	3.0	3.0	.2					20.5	13.3
W	.3	.3	1.9	2.5	.8	2.2	.3	.2				8.4	15.8
WNW						.5						.5	23.3
NW			.2	.2	.2							.5	13.0
NNW			.3	.3								.6	11.0
VARBL													
CALM												7.8	
	14.2	13.8	27.1	18.5	6.7	6.2	.6	.2				100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 643

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

STATION 164530 GELA ITALY STATION NAME 73-82 YEAR SEP  
1500-1700  
 CLASS ALL WEATHER HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			.3	.2								.5	1.07
NNE		.2	.2									.3	6.5
NE		.3	.2	.2								.6	8.3
ENE		.3	.6	.3								1.2	9.0
E		.2	.3									.5	8.0
ESE		.2		.3	.5							.9	15.3
SE	.3	.6	1.1	.5		.2						2.6	8.8
SSE	.2	.5	1.2	1.2	.2	.2						3.3	10.8
S	2.1	3.9	1.8	1.8								9.6	6.9
SSW	3.8	4.4	3.0	1.1								12.2	5.6
SW	.8	2.7	8.0	5.4	1.8	.5						19.1	10.4
WSW	.2	2.0	3.3	8.3	4.8	3.8	.5					22.7	15.2
W		.6	2.7	4.2	3.3	2.3	.9	.6	.2			14.7	17.6
WNW				.2	.3		.2					.6	19.0
NW				.2	.5							.6	16.0
NNW			.2	.2	.2							.5	13.7
VARBL													
CALM												10.2	
	7.2	15.6	22.7	23.8	11.4	6.8	1.5	.6	.2			100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 665

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIP WEATHER SERVICE/MAC

## SURFACE WINDS

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

164530 STATION GELA ITALY STATION NAME 73-82 YEARS SEP MONTH  
 ALL WEATHER CLASS 1800-2000 HOUR (L.S.T.)  
 CORNTHON

SPEED (KNTS) DIR.	1 - 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									.8	7.3
NNE	.2	.6	.2									1.0	5.4
NE	.6	.2	.4									1.2	4.8
ENE	.8	1.4	.2	.4								2.8	5.7
E	.9	.4	.4									1.6	4.6
ESE		.2	.8	.2	.2	.2						1.6	12.9
SE	.2	.4	.8	.4		.2						2.0	9.2
SSE	.9	1.4	1.0	.4	.2							3.3	6.9
S	2.0	1.2	.6	.4								4.2	5.1
SSW	1.6	2.2	1.2	.4								5.4	5.4
SW	.6	1.4	2.4	1.0	.4							5.8	8.4
WSW	.6	2.0	3.6	4.2	3.4	.8	.2					14.7	12.8
W	.2	3.0	2.6	7.9	3.0	2.0	.2	.4				19.2	13.9
WNW	.4	1.0	.2	1.0	.6	.2						3.4	11.6
NW			.2	.4								.6	9.7
NNW		.4	.2	.6								1.2	9.8
VARBL													
CALM												1.0	
	9.7	16.1	15.1	17.3	7.7	3.4	.4	.4				100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 504

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

STATION 164530 GELA ITALY STATION NAME 73-62 YEARS SEP  
 CLASS ALL WEATHER MONTHS 2100-2300  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.6										1.6	5.0
NNE	1.2	1.2	1.2									3.5	5.1
NE		.8	.4									1.2	6.3
ENE	1.6	1.9		.4								3.9	5.0
E	1.2	.8	.4									2.3	4.5
ESE	.8					.4						1.2	9.3
SE	.8		.8	.4								1.9	6.2
SSE		.8										.8	4.5
S	.4											.4	3.0
SSW	.4	.8	.4									1.6	5.0
SW			.4									.4	9.0
WSW			.4	.8	.4							1.6	13.0
W	.4	1.9	1.9	.8	.4	.4						5.8	8.9
WNW		.4	2.7	.4								3.5	8.3
NW	.4	1.6	.8									2.7	5.1
NNW		.4	.8	.4								1.2	9.0
VARBL													
CALM												6.5	
	7.0	12.1	9.7	3.1	.8	.8						100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 257

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 164530    GELA ITALY    STATION NAME    73-82    YEARS    SEP    MONTH  
 CLASS ALL WEATHER    CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	.9	.2	.1								1.6	5.3
NNE	.5	.6	.1									1.1	4.2
NE	.4	.5	.4	.1								1.3	5.2
ENE	1.2	1.4	.9	.3								3.8	5.7
E	.8	.5	.4	.0								1.6	4.8
ESE	.1	.1	.2	.1	.2	.1						.8	12.8
SE	.4	.3	.4	.2		.1						1.3	7.5
SSE	.7	.9	.6	.3	.1	.0						2.6	6.7
S	1.4	2.0	.8	.5	.0							4.7	5.9
SSW	2.4	2.7	2.0	.8	.0							6.0	5.8
SW	.6	1.5	3.1	2.0	.7	.2	.0					8.1	9.8
WSW	.4	1.0	2.1	3.1	1.8	1.2	.1					9.8	13.7
W	.2	.9	1.6	2.5	1.2	1.2	.3	.2	.0			8.1	14.8
WNW	.2	.5	.5	.3	.2	.1	.0					1.8	10.1
NW	.2	.4	.2	.1	.1							1.0	7.0
NNW	.2	.3	.2	.3	.1							1.0	6.2
VARBL													
CALM												43.4	
	9.8	14.5	13.7	10.7	4.8	2.8	.5	.2	.0			100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 3976

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 164530 STATION NAME GELA ITALY YEARS 73-82 MONTH OCT  
 CLASS ALL WEATHER HOURS (LST) 0000-0200  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	2.7	.8									3.9	5.4
NNE	.8		.4									1.2	4.3
NE	.8	.4	.4	.4								1.9	6.4
ENE	1.6	3.5	3.5	.4								8.9	6.0
E	1.9	1.6	2.7									6.2	5.8
ESE					.4							.4	19.0
SE													
SSE					.4							.4	22.0
S		.4			.4							.8	11.5
SSW			.4					.4				.8	22.5
SW	.4											.4	3.0
WSW				.4								.4	12.0
W			1.2	1.2	.4	.4						3.1	13.5
WNW	.4	.8	1.9	1.6	1.2							5.8	11.0
NW	.4	2.3	1.2									3.9	5.5
NNW	1.2	.8										1.9	3.6
VARBL													
CALM												59.9	
	7.8	12.5	12.5	3.9	2.7	.8		.4				100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 257

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIP WEATHER SERVICE/MAC

## SURFACE WINDS

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

164530 STATION GELA ITALY STATION NAME 73-82 YEARS 067 MONTH 0300-0500  
 ALL WEATHER CLAS  
 HOUR (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	.8									5.1	4.8
NNE	.5	.5		.3								1.3	0.0
NE	.8	1.7		.3		.7						2.3	7.6
ENE	3.0	4.6	3.6									11.2	5.4
E	.5	1.0	.8	.3								2.5	6.2
ESE			.3	.5	.3							1.0	14.3
SE			.3	.3								.5	12.5
SSE				.3								.3	16.0
S		.8	.3	.3								1.3	7.4
SSW			.3									.3	8.0
SW													
WSW					.3	.5						.6	21.0
W			.3	.8		.3		.3				1.5	18.7
WNW		1.5	.5	.3	.3							2.5	8.2
NW		1.3		.5								1.8	6.9
NNW	1.0	1.0	.3		.3							2.5	5.6
VARBL													
CALM												55.2	
	6.9	15.0	7.1	3.6	1.0	1.0		.3				100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 394



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

164530 STATION GFLA ITALY STATION NAME 73-82 YEARS CCY NORTH  
ALL WEATHER CLASS 0600-0600 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	1.9	3.7	.3									5.9	4.4
NNE	.8	.5				.2						1.4	5.7
NE	.8	1.3	.6	.5	.2							3.4	6.6
ENE	2.7	3.5	3.5	.3	.2							10.3	5.8
E	1.3	2.2	1.1	.2								4.5	5.8
ESE	.2			.6								.8	1.2
SE			.3			.2						.5	14.7
SSE				.3								.3	14.0
S		.2				.3						.5	16.0
SSW			.2									.2	10.0
SW			.2		.2							.3	12.0
WSW				.2								.2	12.0
W		.2	.3	.5				.2				1.1	13.3
WNW	.5	.8	1.3		.3							2.9	7.6
NW	.2	1.1	.5									1.8	5.4
NNW		.5	.2									.6	5.6
VARBL													
CALM												65.3	
	8.0	14.0	8.5	2.6	.8	.6		.2				100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 123

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

16453C      GELA ITALY      73-82      001  
STATION      STATION NAME      YEARS      MONTH

ALL WEATHER      0900-1100  
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	.6		.5	.5	.2							1.7	8.2
NNE	.8	.3	.5									1.6	4.8
NE	.2	.9	1.6	.5								3.1	7.9
ENE	1.7	2.0	2.5	.9								7.2	6.7
E	.9	1.4	1.1			.2						3.6	6.1
ESE	.2											.2	4.0
SE	.3	2.0	1.4	.3	.3							4.4	7.1
SSE	1.3	1.6	.9	.2		.2						4.1	5.8
S	.3	.8	.5	.6								2.2	6.3
SSW	.8	1.1	.5	.3		.2						2.8	6.4
SW	.3	1.6	1.3	.6	.6							4.4	9.5
WSW	.3	1.1	.3	1.1	.3			.2				3.3	10.4
W	.9	1.9	1.1	.9	1.1	.6		.2	.2			6.9	12.0
WNW	.5	.5	.9	.5								2.4	6.0
NW		.2	.3	.2								.6	8.5
NNW	.3	.3		.3								.9	6.2
VARBL													
CALM												50.6	
	9.2	15.8	13.3	6.9	2.5	1.1		.3	.2			100.0	9.0

TOTAL NUMBER OF OBSERVATIONS      636

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

STATION 164530 GELA ITALY STATION NAME 73-82 YEARS OCT  
 CLASS ALL WEATHER MONTH 1200-1400  
 HOURS (LST) 1200-1400  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.2	.2	.2								.6	9.0
NNE	.3	.3										.6	3.5
NE	.2	.5	.5	.2								1.2	7.3
ENE	.3	1.2	1.2	.2								3.0	7.2
E	.6		1.1									1.7	5.9
ESE		.2	.2	.6								.9	11.3
SE	.2	.2	.8		.6	.3						2.0	12.5
SSE	.8	.6	1.8	.9	.3							4.4	6.6
S	2.9	3.2	4.0	.8	.2							13.3	6.3
SSW	3.7	5.8	3.4	1.1	.2							14.0	5.8
SW	.6	3.2	3.7	3.0	1.2	.3						12.0	9.9
WSW	.6	1.7	3.4	4.7	4.4	.6	.5					16.2	13.7
W	.5	1.5	2.0	3.8	3.7	2.7	.5					14.6	15.7
WNW			.2		.3					.2		.9	20.0
NW		.2	.5									.6	7.8
NNW			.5	.2								.6	2.8
VARBL													
CALM												15.7	
	10.5	18.6	23.2	15.7	10.7	4.4	.9		.3			100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 656

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

144530 CELA ITALY STATION NAME 73-62 YEARS 201  
STATION STATION NAME YEARS MONTH  
 ALL WEATHER CLASS 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		.7	.4	.7	.3	.1						1.9	12.5
NNE		.1		.1								.3	9.5
NE		.4	.3									.7	6.9
ENE		.7	1.6	.4								2.7	8.2
E	.7	.4	.1	.1	.3							1.3	5.6
ESE		.3	.6	.1								1.0	5.6
SE		.7	.4	.7	.1							2.1	9.8
SSE	.3	1.2	1.9	2.1	.3	.3						6.1	10.3
S	2.1	1.0	1.9	.7	.3							6.7	6.4
SSW	2.0	2.5	3.7	.7	.4	.1						10.2	7.0
SW	.1	1.9	3.3	2.2	.6	.4						8.7	10.4
WSW		2.2	4.0	6.3	3.6	1.2	.3					17.7	13.3
W		.6	3.7	7.3	6.6	4.2	.7	.4				23.7	16.8
WNW		.6	.3		.9							1.5	12.7
NW	.1	.3	.1	.1								.7	7.2
NNW	.1	.1	.9	.3	.1							1.6	9.2
VARBL													
CALM												12.4	
	5.7	14.5	23.5	22.3	13.6	6.4	1.0	.4				100.0	10.9

TOTAL NUMBER OF OBSERVATIONS 668

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

184530 STATION GELA ITALY STATION NAME 73-62 YEARS 001 MONTH  
 ALL WEATHER CLASS 1800-2300 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	.6								1.2	1.2
NNE	.4	.2	.4	.2								1.2	6.7
NE	.3	.4	.4	.2								1.6	5.8
ENE	.6	.8	1.2	.4								2.9	6.7
E	1.0	.8	.8	.8								3.3	6.9
ESE		.4	.4	.4								1.6	6.9
SE	.2	1.0	.8	1.6								3.5	9.0
SSE	.2	.8	.8	1.0								2.7	6.7
S	.2	1.6	.8	.4	.4							3.3	6.4
SSW	1.2	1.4	.8		.2							3.5	5.9
SW	.2	.8	1.8	.6								3.3	6.2
WSW	.4	1.9	1.8	3.1	1.0	.2						6.4	10.7
W	1.2	1.2	3.3	9.5	4.5	1.4		.2				21.2	13.6
WNW	.2	1.6	4.1	2.5	.4	.6						9.3	10.4
NW		.8	.6			.2						1.5	8.8
NNW	.2	1.0	.2			.2						1.6	7.1
VARBL													
CALM												79.8	
	6.6	14.4	18.9	21.2	6.4	2.5		.2				100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 514

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

164530 GELA ITALY 73-85 OCT  
STATION MONTH YEARS  
ALL WEATHER  
CLASS  
2100-2300  
HOURS (L.S.T.)  
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	.4										1.5	3.3
NNE	2.2	1.1		.4								3.7	4.1
NE	.7	.7	1.5									3.0	5.5
ENE	2.2	7.0	1.9									11.1	5.1
E	1.5	.7	1.1	.4								3.7	5.7
ESE	.4	1.1	.7			.4						2.6	8.4
SE			.4	.4								.7	9.0
SSE			.4									.4	9.0
S	.4											.4	3.0
SSW	.4	.4	.4									1.1	6.0
SW			.4		.4							.7	15.0
WSW				.4		.4						.7	16.5
W	.4	1.9	1.5	1.1	.7							5.6	9.2
WNW		.7	2.2	1.1	.4							4.4	9.3
NW	1.5	1.5	1.9	.4		.4						5.6	7.3
NNW	.4	.7	.7									1.9	5.8
VARBL													
CALM												53.0	
	11.1	16.3	13.0	4.1	1.5	1.1						100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 270

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

164530 STATION GELA ITALY 73-82 YEAR 001 MONTH  
 ALL WEATHER CLASS ALL HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.2	.4	.3	.1	.0						2.6	6.4
NNE	.6	.3	.1	.1		.0						1.2	5.2
NE	.4	.7	.6	.2	.0	.0						2.1	6.8
ENE	1.4	2.4	2.3	.4	.0	.0						6.5	6.2
E	.8	1.3	1.0	.2	.0	.0						3.1	6.2
ESE	.0	.2	.3	.3	.0	.0						1.0	10.0
SE	.1	.6	.6	.4	.2	.1						2.0	9.3
SSE	.4	.6	.9	.7	.1	.1						2.9	8.9
S	.9	1.2	1.1	.4	.1	.0						3.9	7.0
SSW	1.3	1.7	1.4	.3	.1	.1		.0				5.0	6.5
SW	.2	1.2	1.6	1.0	.4	.1						4.7	9.9
WSW	.7	1.1	1.5	2.5	1.5	.4	.1	.0				7.3	12.9
W	.4	.9	1.8	3.5	2.5	1.5	.2	.2	.0			11.0	15.0
WNW	.2	.7	1.3	.6	.4	.1			.0			3.4	10.3
NW	.2	.7	.5	.1		.0						1.6	6.9
NNW	.3	.5	.3	.1	.0	.0						1.3	6.8
VARBL													
CALM												40.4	
	8.1	15.3	15.9	11.3	5.7	2.6	.3	.2	.1			100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 4020

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 164530 VELA ITALY STATION NAME 73-82 YEARS NOV  
 ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	.9	1.7									3.4	5.5
NNE	1.3	.4										1.7	2.5
NE	1.3	1.3	.4									3.0	3.9
ENE	3.0	3.4	1.3	.4								8.1	5.3
E	.9	.9	.4									2.1	4.0
ESE		.4	.4									.9	7.5
SE		.4										.4	6.0
SSE													
S			.9	.4		.4						1.7	14.0
SSW			.4	1.3	.4							2.1	13.8
SW				.4	.4	.4						1.3	18.3
WSW		.4			.4							.9	11.0
W		.4	.4	.9	.4	.4	.0	.4				3.8	19.9
WNW	.9	1.3	2.6	1.3	.4							6.4	8.9
NW	.4	.9	1.7									3.0	6.0
NNW	.9	.9	.9									2.6	5.3
VARBL													
CALM												6.5	
	9.4	11.5	11.1	4.7	2.1	1.3	.9	.4				170.0	3.5

TOTAL NUMBER OF OBSERVATIONS 234



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

STATION 164530 STATION NAME GELA ITALY YEAR 73-82 MONTHS NCV  
 CLASS ALL WEATHER HOURS (L & T) 0300-0500  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.3	1.3									3.4	5.8
NNE	2.4	1.8	.5	.3								5.0	4.5
NE	1.6	1.1	.5									3.2	4.3
ENE	.8	5.0	3.2									8.9	5.9
E	2.1	.8	.3									3.2	3.9
ESE		.8	.3									1.1	6.0
SE			.3		.3							.5	13.0
SSE													
S			.5		.3							.8	11.3
SSW			.3			.3						.5	15.5
SW						.8						.8	25.0
WSW		.3		.3	.3	.3	.5	.8				2.4	26.0
W		.3	1.3	.5	.5	1.1		.3				3.9	16.3
WNW	.5	1.1	1.1	2.1								4.7	9.2
NW		1.6	2.4	.8	.3							5.0	8.7
NNW	.5	1.1	1.1									2.6	5.3
VARBL													
CALM												53.9	
	8.7	15.0	12.9	3.9	1.6	2.4	.5	1.1				100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 380

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

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

**SURFACE WINDS**

164530 STATION GELA ITALY STATION NAME 73-82 YEARS NDV  
NOV  
 CLASS ALL WEATHER 0600-0800  
 HOURS (LST)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	1.6										3.1	3.7
NNE	2.1	1.6	.2									3.8	3.7
NE	1.7	2.8	1.0				.2					5.7	5.8
ENE	2.4	5.0	2.6									10.1	5.3
E	.5	.5										1.0	3.7
ESE		.3	.5	.2								1.0	7.8
SE			.2	.5								.7	13.5
SSE													
S	.2	.3	.3	.2	.2							1.2	8.4
SSW			1.0			.5						1.6	13.8
SW		.2		.3		.5						1.0	16.7
WSW					.2		.2					.3	29.5
W	.5		1.0	.7	.5	.2	.5	.2	.2			4.3	17.7
WNW	.5	.7	1.4	1.4	.2	.2						4.3	9.4
NW	.7	1.0	.7	.3								2.8	6.1
NNW	.7	.3		.2								1.2	4.3
VARBL													
CALM												57.9	
	11.0	14.4	9.0	3.8	1.0	1.4	.7	.5	.2			100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 575

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIF WEATHER SERVICE/MAC

**SURFACE WINDS**

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

164530 STATION 06LA ITALY STATION NAME 73-62 YEARS 06LA MONTHS 0900-1100 SOURCE (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	1.3	.6	.3								3.1	6.1
NNE	.3	.5										.8	3.8
NE	1.0	2.2	1.8	.3								5.3	5.9
ENE	1.9	3.8	2.1	.3								6.2	5.3
E	3.0	2.1	.3									5.4	3.7
ESE	.2	.5		.2								.2	5.8
SE		.3	.8	.2		.2						1.4	9.6
SSE			.6	.2								.8	8.6
S	.2	.2	.3	.2								.8	7.0
SSW	.3	.2	.3	.2	.2	.3	.2					1.6	13.4
SW		.3	1.1	.5	.2		.2					2.2	11.7
WSW		.3	.3	.8	.2	.5	.3		.2	.2		2.7	20.1
W		1.3	.8	2.7	.8	.5	.5	.8	.2			7.5	16.8
WNW	.6	1.4	1.1	.8	.2	.5	.2					4.8	15.1
NW	1.0	1.1	.6	.3								3.0	6.0
NNW	.3	.5	.8	.2								1.8	7.3
VARBL													
CALM												49.7	
	9.6	16.0	11.7	7.1	1.4	1.9	1.3	.8	.3	.2		100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 624

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

164530 STATION GELA ITALY STATION NAME 73-62 YEARS 1222-1400 MEAN  
STATION STATION NAME YEARS MEAN  
 ALL WEATHER CLASS 1222-1400  
CLASS MEAN  
 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	.7	.7	1.3	.5	.2							3.3	7.6
NNE	.2	.7	.2									1.0	5.2
NE	.2	.5	.2	.2								1.0	6.0
ENE	.3	.5	.3	.2								1.3	5.9
E	1.1	1.1	.2	.2								2.6	4.4
ESE	.2	.2	1.7									1.3	7.1
SE	.3	.5	1.1									2.0	5.9
SSE	2.1	1.0	1.5	.8	.5							5.9	7.1
S	1.1	1.7	1.0	.5	.2							3.2	6.6
SSW	1.3	3.1	2.1	.5			.7					7.2	6.6
SW	1.3	1.5	1.6	1.8	.8	.3	.2					7.6	10.0
WSW	.3	1.5	1.8	2.8	1.0	.9	.7					8.4	12.4
W	.5	.5	2.1	3.6	2.7	3.1	1.8	.3				14.3	18.0
WNW	.3	.2	.8	.7	.3	.5	.2					3.0	13.9
NW	.2	.5	1.8	.8	.5	.2						3.9	11.0
NNW		.3	1.5	.3								2.1	9.0
VARBL													
CALM												11.4	
	10.2	13.6	18.6	12.8	5.7	4.9	2.5	.3				100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 609

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIP WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 164530 WFLA ITALY STATION NAME 73-62 YEARS MCV  
ALL WEATHER 1500-1700  
 CLASS HOURLY (LST)  
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	MEAN WIND SPEED
N	.3	.3	1.2	.8								2.7
NNE		.3	.3	.2								.8
NE	.3	.2	.3	.2								.4
ENE	.3	.6	1.6	.6								3.1
E		.9	.2									1.1
ESE	.2	.3	.3	.3								1.1
SE	.3	.5	1.9	.5								3.1
SSE	.3	1.6	.9	2.7			.3					5.1
S	1.1	1.9	1.4	.5	.2	.3						5.3
SSW	1.7	1.9	1.7	.5	.3	.2		.2				6.4
SW	.6	2.7	3.0	2.7	.6	.3						8.6
WSW	.5	3.0	2.3	3.4	2.0	.6	.2	.2				12.2
W	1.1	1.6	2.5	6.2	3.9	3.0	.8	.2				19.2
WNW		.2	1.2	.9	.8	.2	.6					3.9
NW	.5	.2	1.2	1.1	.3							3.3
NNW	.5	2.7	1.7	1.1								5.3
VARBL												
CALM												17.9
	7.6	17.3	21.8	20.3	8.1	4.5	1.9	.5				100.0

TOTAL NUMBER OF OBSERVATIONS 691

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

16453C GELA ITALY 73-82 NCV  
STATION STATION NAME YEARS MONTH  
ALL WEATHER 1950-2000  
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	1.0	1.6	.6	.2								3.4	5.2
NNE	.4		.4									.8	5.8
NE	.2	.6	.8									1.6	6.5
ENE	.6	2.2	1.6	.2								4.5	6.3
E	1.4	.9	.6									2.8	4.1
ESE		1.6	.8	.6								3.0	7.9
SE		.6	.6									1.2	6.8
SSE		.6	.2	.6								1.4	5.4
S	.4	.8	.8	.6								2.6	7.5
SSW	.6	.4	.6	.4	.4	.2						2.6	10.7
SW		.6	1.0	.2	.4	.2						2.4	11.6
WSW	.4	.6	.8	.8	.2	.4						3.2	10.9
W	1.0	3.4	2.6	3.7	1.4	1.0	.8					13.8	12.0
WNW	.2	2.4	6.5	1.2	.4	.2						10.8	8.7
NW	1.4	2.8	1.6	.8			.2					6.7	7.1
NNW	1.2	2.0	1.6				.2					4.9	6.5
VARBL													
CALM												34.5	
	8.7	20.7	20.9	9.3	2.8	2.2	1.0					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 597

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

STATION 164530 GELA ITALY STATION NAME 73-82 YEARS 4 MONTHS  
 ALL WEATHER CLIM 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	1.3	.4	1.2									3.5	4.7
NNE	2.3	.4										2.7	3.1
NE	.8	1.9	1.5									4.2	5.9
ENE	3.5	4.6	1.9									10.2	4.5
E	1.5	1.9	.4	.4								4.2	5.0
ESE													
SE		.4	.4									.8	7.5
SSE				.4	.4	.4						1.2	13.3
S			.4	.4								.8	9.0
SSW			.4	1.2	.4	.4						2.3	14.8
SW		.4		.4	.4			.4				2.3	17.2
WSW				.8	.4							1.2	14.7
W	.4	.4		.8	1.2	.4						3.1	14.5
WNW	.4	.8	2.3	1.9	1.2							6.9	10.0
NW	.4	1.5	1.2	.8								3.9	7.4
NNW	.4	1.2		.4								1.9	5.6
VARBL													
CALM												11.0	
	12.0	14.3	9.7	7.3	4.2	1.2		.4				100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 259

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

## SURFACE WINDS

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

STATION 164530 STATION NAME GELA ITALY YEARS 73-82 MONTHS NOV  
 CLASS ALL WEATHER  
 HOURS (L.S.T.) ALL  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	1.0	.9	.3	.0							3.2	6.1
NNE	.9	.7	.2	.1								1.9	4.3
NE	.8	1.3	.8	.1			.0					3.0	5.7
ENE	1.4	2.9	1.8	.2								6.2	5.6
E	1.3	1.1	.3	.1								2.7	4.1
ESE	.1	.5	.4	.2								1.2	7.4
SE	.1	.3	.6	.2	.0	.0						1.5	6.1
SSE	.4	.5	.5	.6	.1	.0	.1					2.2	8.9
S	.5	.7	.7	.3	.1	.1						2.8	7.7
SSW	.6	.9	1.0	.4	.2	.2	.1	.0				3.4	9.1
SW	.3	.8	1.1	.8	.4	.3	.1	.0				3.8	11.1
WSW	.2	.9	.8	1.3	.7	.4	.2	.1				4.6	13.6
W	.5	1.1	1.5	2.8	1.6	1.4	.7	.3	.1	.0		10.0	15.7
WNW	.8	.9	2.0	1.2	.4	.2	.2					5.3	10.5
NW	.6	1.1	1.3	.7	.2	.0	.0					3.9	8.1
NNW	.5	1.0	1.0	.3		.0						2.9	6.9
VARBL													
CALM												41.7	
	9.5	15.7	15.3	9.6	3.6	2.7	1.3	.5	.1	.0		100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 3829



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

144530 STATION GELA ITALY STATION NAME 73-87 YEARS D.C.  
 NORTH  
 ALL WEATHER CLASS 0007-0201 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	2.5	.4	.4								1.2	4.8
NNE	.8	.4	.4									1.7	4.5
NE	.8	1.7	.4	.8								3.3	6.8
ENE	1.7	2.5	2.1	2.1								6.3	7.0
E	.8		.4									1.2	4.3
ESE		.4	.8	.4	.4							2.1	11.2
SE				.4	.4	.4	.4					1.7	22.8
SSE		.4										.4	4.0
S													
SSW		.4	.4	.8	.8							2.5	13.5
SW		.4	.4	.4	.4	.4						2.5	13.3
WSW				.8	.8		.4					2.1	19.8
W			2.1	2.5	1.2	.4						6.2	13.7
WNW		1.7	1.2	.8	.8							4.5	9.3
NW	.8	1.2	1.2	.8			.4					4.5	6.6
NNW	1.2	1.7	.8									3.7	5.2
VARBL													
CALM												5.4	
	7.9	13.2	10.7	10.3	5.0	1.2	1.2					100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 242

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

164530 STATION 164530 CELA ITALY STATION NAME 73-82 YEARS MONTH D-0 NORTH 1300-5000 HOURS (LST) CLASS ALL WEATHER CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	2.3	.3	.3	.3							3.0	6.7
NNE	1.7		.3									1.3	3.4
NE	1.5	2.0			.7							3.0	5.1
ENE	2.3	3.3	2.8	1.5								7.5	6.6
E	.3	1.3	1.8									3.0	5.9
ESE			.8	.3		.7						1.3	13.2
SE		.7		.3								.5	5.0
SSE	.3											.3	2.7
S		.3	.5	.5	.3							1.3	12.2
SSW		.3	1.3									1.5	6.2
SW				1.0	.3							1.3	14.2
WSW			.6	.3	.8	.3						2.3	15.0
W		.3	.3	2.3	1.8	.3						4.0	13.4
WNW		1.7	1.3	2.3			.3	.3				5.0	12.7
NW		1.3	1.7	.3								2.5	7.4
NNW	.5	1.8	.3	.3								2.8	5.6
VARBL													
CALM												3.0	
	7.1	13.9	10.8	9.6	3.5	.8	.3	.3				100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 397

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
ATC WEATHER SERVICE/MAC

# SURFACE WINDS

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

144530 STATION UFLA ITALY STATION NAME 77-82 YEARS D.C.  
ALL WEATHER CLASS 2400-2800 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	2.6	.6	.5								4.2	5.7
NNE	1.1	1.0	.5									3.4	4.4
NE	.0	2.1	.6		.7							3.7	5.5
ENE	1.1	3.0	3.0	1.6								8.8	7.3
E	1.4	1.9	1.4	.2									5.4
ESE			.5	.3									5.6
SE	.2	.2		.2	.3	.3						1.1	1.6
SSE													
S				.7	.3							.9	1.8
SSW		.3	.8	.3	.3							1.4	10.2
SW			.8	.3	.3	.6						2.1	15.8
WSW		.7	.2	.5	.2	.2						1.1	12.9
W		.5	.8	1.7	1.1	.3	.3					4.2	14.7
WNW	.2	1.9	1.0	.8	.2	.8	.3	.2				5.3	12.9
NW	.8	1.7	.8	.2								3.5	6.0
NNW	.6	1.0	.3	.2		.7						2.4	7.3
VARBL													
CALM												2.0	
	7.5	16.0	11.4	5.0	2.9	2.5	.6	.2				100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 623

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

144530 STATION GELA ITALY STATION NAME 73-82 YEARS DEC MONTH 1980-1980 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	.3	1.6	1.2	.7								3.2	7.6
NNE		.0	.3									1.2	4.9
NE	.7	1.2	.9			.7						3.2	6.5
ENE	1.5	3.2	2.0	1.2	.1	.1						8.5	6.9
E	1.6	1.8	1.2									4.5	5.1
ESE	.1	.4	.3	.1								1.0	7.4
SE	.1	.6		.7	.4	.1						1.0	11.3
SSE			.1									.1	10.0
S	.4	.1	.7	.4								1.8	7.8
SSW	.1	.1	.4	.9	.3	.4	.3					2.6	15.7
SW	.1	.1	.3	.6	.6							1.8	12.1
WSW	.1	.3	.7	.9	.4	.1						2.6	16.7
W	.1	.4	1.9	2.0	1.2	.7	.6					7.2	14.8
WNW	.5	.4	2.0	1.2		.1		.3	.1			4.5	12.5
NW	.4	1.2	1.2	.6	.1							3.5	8.2
NNW	.7	.1	.4	.4		.1						1.9	8.2
VARBL													
CALM												0.3	
	7.3	12.6	13.0	9.2	3.7	2.5	1.0	.3	.1			100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 684

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

164530 SELA ITALY 73-82 DEC  
STATION STATION NAME YEARS MONTH  
ALL WEATHER 1200-1400  
CLASS HOUR (L.S.T.)  
 \_\_\_\_\_  
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.2	.6	2.1	.3	.2						3.3	12.9
NNE	.2	.3	.2	.2								.6	7.2
NE		.9	.2									1.1	5.3
ENE	.5	1.2	1.1	.8	.5							3.9	8.7
E	.2	1.4	.3	1.1								2.9	7.8
ESE		.3	.6	1.4		.3						2.6	12.9
SE	.5	.5	1.4	1.1	.2							3.5	9.5
SSE	.9	.3	.6	.3	.2							2.1	7.4
S	.5	.3	.5	.3								1.5	7.1
SSW	.5	2.3	.3	.5	.8		.7					4.4	9.1
SW	.9	1.8	.9	1.2	.2	.9						5.9	10.2
WSW	.5	1.7	1.8	2.3	.6	.8	.3					7.9	12.7
W	.9	2.7	2.1	5.4	5.1	2.3	.8	.2	.2			18.7	15.3
WNW	.2	1.4	.9	.8	.5	.5	.2					4.2	11.5
NW	1.1	.5	.6	.5	.2	.2						2.9	8.1
NNW		.9	.9	1.1	.6							3.5	10.4
VARBL													
CALM												11.0	
	6.2	15.7	12.8	18.7	8.9	5.2	1.4	.2	.2			100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 662

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AFB WEATHER SERVICE/MAC

# SURFACE WINDS

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

164530 STATION GELA ITALY YEARS 73-82 D.C. MONTHS 1500-1700  
STATION NAME CLASS HOUR (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	.0	.9	1.5	.6							4.2	10.5
NNE	.3	.3										.0	3.5
NE	.1	.7	.7	.4								2.1	7.6
ENE	.4	1.5	.9	.4	.3	.3						3.8	8.7
E	.3	.4		.7								1.5	8.0
ESE	.1	.3	.6	.6	.4							2.1	11.8
SE	.1	.4	.7	1.2								2.5	9.9
SSE	.3		1.6	.7								2.7	6.8
S	.4	.9	.6	.9		.1						2.9	6.0
SSW	.7	1.8	.6	1.0	.7			.1				5.0	9.9
SW	.7	1.9	1.9	1.0	.3							5.9	8.0
WSW	.3	1.8	2.7	2.2	1.6	.3	.6					9.4	12.1
W	1.5	1.5	4.6	9.6	5.3	2.9	1.2	.3	.1			27.0	15.2
WNW	.4	.7	1.3	1.8	.6	.4		.1				5.4	12.1
NW	.4	.6	1.5	.3		.1						2.9	7.9
NNW	.1	.6	1.0	1.6	.3							3.7	10.6
VARBL													
CALM												18.6	
	6.6	14.3	19.6	24.0	10.2	4.3	1.8	.6	.1			100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 679

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 164530 GELA ITALY STATION NAME 73-62 YEARS 0-1  
 CLASS ALL WEATHER HOUR (LST) 1800-2000  
 CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	MEAN WIND SPEED
N	.8	1.2	1.5	.4								3.9 6.3
NNE	.2	1.2	.8									2.1 5.5
NE	.2	1.7	.4									2.3 5.5
ENE	1.0	1.4	1.0	1.0								4.2 7.1
E	.4	.2	.4	.6	.2							1.7 10.0
ESE		.2	1.7	.4	.2							2.5 10.4
SE	.2	.6	.8	.2								1.7 7.0
SSE			1.2									1.2 8.2
S	.2	.2	.8	.2								1.4 7.1
SSW	.6	.2	.4	.4	.4							1.9 9.4
SW	.2	.6	1.0	.4								2.1 6.5
WSW		.4	2.3	.8	.8		.4					4.8 13.3
W	.4	2.5	4.2	5.0	2.5	1.5	.8					17.0 13.1
WNW	1.7	2.7	3.1	2.1	.6	.8		.2				11.2 9.7
NW	1.7	1.9	1.2	.6								5.4 5.6
NNW	1.2	.4	1.0	.4								2.9 5.7
VARBL												33.0
CALM												
	8.7	15.3	21.6	12.4	4.6	2.3	1.2	.2				100.0 6.3

TOTAL NUMBER OF OBSERVATIONS 518

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

144530 STATION GELA ITALY STATION NAME 73-82 YEARS DEC 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		3.1	.4									3.4	5.3
NNE	.8	1.5	.4									2.7	4.4
NE	.4	1.1	1.1	.4	.4							3.4	8.3
ENE	1.1	3.4	1.1	.4								6.5	6.2
E	1.5	1.9	.8	.4								4.6	5.6
ESE		.4	.8	.4	1.1							2.7	13.7
SE		.4	.4		.4							1.1	11.7
SSE		.4	.4									.8	6.0
S		.4	.4	.4								1.1	8.7
SSW	.4	.4	1.1		1.1							3.1	10.6
SW	.4		.4	.4								1.1	8.3
WSW			.4	.4	.8							1.9	14.4
W	.4	1.5	1.9	2.7	1.5	1.1	.4					9.5	13.5
WNW		1.1	2.7	1.1								5.0	8.8
NW	.3	2.7	.4	1.9								5.7	7.9
NNW	.8	1.1			.4							2.3	6.3
VARBL												45.0	
CALM													
	6.5	19.5	12.6	9.2	5.7	1.1	.4					100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 262



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

STATION 164530 STATION NAME GELA ITALY YEARS 73-82 MONTH DEC  
 CLASS ALL WEATHER HOURS (LST) ALL  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.5	.8	.9	.2	.0						4.0	7.9
NNE	.5	.8	.3	.0								1.6	4.8
NE	.5	1.4	.5	.1	.1	.0						2.7	6.2
ENE	1.1	2.3	1.7	1.1	.1	.1						6.5	7.3
E	.9	1.2	.8	.4	.0							3.2	6.2
ESE	.3	.2	.7	.5	.2	.1						1.8	11.5
SE	.2	.4	.5	.5	.2	.1	.0					1.9	10.9
SSE	.2	.1	.6	.2	.0							1.1	7.9
S	.2	.3	.5	.4	.1	.0						1.5	8.7
SSW	.3	.5	.6	.5	.5	.1	.1	.0				3.0	10.7
SW	.3	.8	.8	.7	.3	.3						3.2	10.4
WSW	.1	.7	1.2	1.2	.8	.3	.2					4.5	13.1
W	.5	1.2	2.4	4.2	2.8	1.4	.6	.1	.0			13.0	14.7
WNW	.4	1.4	1.6	1.4	.3	.4	.1	.1	.0			5.7	11.3
NW	.8	1.2	1.0	.5	.0	.0	.0					3.6	7.3
NNW	.6	.8	.6	.6	.2	.1						2.9	8.1
VARBL													
CALM												40.0	
	7.2	15.0	14.6	13.2	5.8	2.9	1.1	.2	.1			100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 4067

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

164530  
STATION

GELA ITALY  
STATION NAME

73-83  
YEARS

ALL  
MONTH

ALL WEATHER  
CLASS

ALL  
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	.5	.8	.6	.5	.1	.0	.0					2.6	7.8
NNE	.4	.5	.2	.1	.0	.0						1.2	5.4
NE	.4	.9	.7	.3	.1	.0	.0					2.4	7.1
ENE	1.0	1.0	1.5	.8	.1	.0	.0					5.3	7.2
E	.7	.8	.5	.3	.1	.0	.0					2.4	6.5
ESE	.1	.0	.3	.2	.1	.0	.0					1.0	9.4
SE	.2	.4	.5	.3	.1	.0	.0					1.5	8.7
SSE	.4	.6	.6	.4	.1	.0	.0		.0			2.2	6.0
S	.9	1.2	.8	.4	.1	.0	.0					3.4	6.7
SSW	1.3	1.8	1.3	.4	.1	.1	.0	.0				5.1	6.5
SW	.6	1.4	1.8	1.3	.5	.2	.0	.0				5.8	9.7
WSW	.3	1.0	1.8	2.5	1.5	1.7	.2	.0	.0	.0		8.5	13.7
W	.3	1.0	1.8	2.9	2.2	1.8	.6	.1	.0			10.8	15.8
WNW	.2	.7	1.1	.8	.2	.1	.1	.0	.0			3.2	10.5
NW	.3	.7	.7	.3	.1	.0	.0		.0			2.1	7.8
NNW	.3	.6	.5	.4	.1	.0	.0					2.0	8.1
VARBL			.0									.0	9.0
CALM												40.5	
	8.1	14.5	14.7	11.9	5.5	3.5	1.0	.2	.0	.0		100.0	6.8

TOTAL NUMBER OF OBSERVATIONS

40201

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SURFACE WINDS

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

164532 VELA ITALY STATION NAME 77-83 YEARS ALL MONTH  
 INSTRUMENT CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE CLASS ALL HOURS (LST)  
 CONDITION AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.1	.1	.3								.6	2.4
NNE	.1	.6										.8	5.2
NE	.5	1.1	.1	.3								1.9	6.0
ENE	.4	1.2	.6									2.2	5.2
E	.3	.5	.3	.3								1.3	6.9
ESE			.1	.5	.3							.9	15.0
SE		.1		.5								.6	11.6
SSE	.7	.5	.8	.4	.1							2.1	6.3
S	.1	1.3	.1	.1								1.7	5.3
SSW	.5	2.7	1.2	.1				.3				4.8	7.1
SW	.5	1.0	2.1	1.3	.3	.4	.1					5.7	17.4
WSW	.3	1.2	1.4	2.1	1.0	.1	.5	.1				7.5	12.3
W	.1	.6	1.3	1.8	1.2	.6	.5	.4				6.6	16.1
WNW	.1	.1	.5	.3								1.4	6.5
NW													
NNW	.1		.1									.3	4.5
VARBL													
CALM												4.2	
	3.5	11.9	8.8	7.9	2.8	1.2	1.2	.8				100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 177

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. For most Airways stations, visibilities of greater than 7 miles were not reported for part of the period of record. Therefore, the  $\geq 10$  mi visibility category should be used with great caution.

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	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 5/16	≥ 1/8	≥ 0
NO CEILING																
≥ 1800																
≥ 1500					91.0											92.6
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500										97.4						98.1
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0					95.4		96.9			98.3						100.0

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

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

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

ADDITIONAL EXAMPLES

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

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

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

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

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

FEDERAL CLIMATOLOGY BRANCH  
 WASHINGTON, D.C.  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14530 SCLA ITALY

74-87

## PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

0-9-5200

CEILING FEET	VISIBILITY - STATUTE MILES															
	20	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
1000	44.7	55.2	69.5	73.0	71.0	70.5	71.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
900	44.7	69.2	70.2	70.5	70.5	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
800	44.7	69.2	70.2	70.5	70.5	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
700	44.7	69.2	70.2	70.5	70.5	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
600	44.7	69.2	70.2	70.5	70.5	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
500	44.7	69.2	70.2	70.5	70.5	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
400	48.9	78.1	79.7	80.2	81.2	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
300	43.2	81.0	81.5	84.0	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
200	49.9	81.0	83.5	84.0	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
100	43.2	81.0	81.5	84.0	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
50	43.2	81.0	81.5	84.0	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
0	43.2	81.4	84.0	84.4	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
1000	47.3	81.4	84.0	84.4	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
900	47.3	81.4	84.0	84.4	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
800	47.3	81.4	84.0	84.4	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
700	47.3	81.4	84.0	84.4	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
600	47.3	81.4	84.0	84.4	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
500	47.3	81.4	84.0	84.4	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
400	47.3	81.4	84.0	84.4	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
300	47.3	81.4	84.0	84.4	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
200	47.3	81.4	84.0	84.4	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
100	47.3	81.4	84.0	84.4	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
0	47.3	81.4	84.0	84.4	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
1000	54.1	94.9	97.9	98.7	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
900	54.1	94.9	97.9	98.7	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
800	54.1	94.9	97.9	98.7	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
700	54.1	94.9	97.9	98.7	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
600	54.1	94.9	97.9	98.7	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
500	54.1	94.9	97.9	98.7	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
400	54.1	94.9	97.9	98.7	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
300	54.1	94.9	97.9	98.7	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
200	54.1	94.9	97.9	98.7	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
100	54.1	94.9	97.9	98.7	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
0	54.1	94.9	97.9	98.7	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 237

GENERAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1-4-32 GELA ITALY

74-83

## PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

CEILING FEET	VISIBILITY STATISTICS															
	20	26	32	34	37	43	48	53	59	66	72	78	84	90	96	100
1000	28.7	42.6	47.7	43.3	43.5	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
900	29.7	43.5	44.7	44.5	44.7	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
800	29.2	43.8	44.7	44.5	44.7	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
700	29.2	43.3	44.7	44.5	44.7	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
600	29.2	43.8	44.7	44.5	44.7	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
500	29.4	44.3	44.5	45.0	45.2	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
400	35.6	51.9	52.6	53.1	53.3	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
300	34.0	56.7	57.4	58.6	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
200	37.3	56.7	57.4	58.6	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
100	34.1	56.7	57.4	58.6	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
0	38.1	58.7	57.4	58.6	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
2000	34.1	82.3	83.0	84.2	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
1800	33.7	82.3	83.0	84.2	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
1600	41.7	86.4	87.3	88.6	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
1400	43.3	89.9	91.0	93.3	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
1200	45.7	96.2	97.1	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
1000	45.7	96.2	97.1	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
800	45.7	96.2	97.1	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
600	45.7	96.2	97.1	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
400	45.7	96.2	97.1	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
200	45.7	96.2	97.1	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
100	45.7	96.2	97.1	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
0	45.7	96.2	97.1	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
2000	45.7	96.2	97.1	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
1800	45.7	96.2	97.1	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
1600	45.7	96.2	97.1	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
1400	45.7	96.2	97.1	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
1200	45.7	96.2	97.1	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
1000	45.7	96.2	97.1	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
800	45.7	96.2	97.1	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
600	45.7	96.2	97.1	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
400	45.7	96.2	97.1	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
200	45.7	96.2	97.1	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
100	45.7	96.2	97.1	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
0	45.7	96.2	97.1	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 41



CENTRAL CLIMATOLOGY BRANCH  
 AF, ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1445 AF VELA ITALY STATION NAME

74-83 YEAR

144

## PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

44-7-80-70

CEILING	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
100	33.1	33.5	37.5	37.9	39.2	39.2	39.2	39.4	39.4	39.4	39.4	39.5	39.5	39.5	39.5	39.5	39.7
90	31.3	31.1	34.1	34.7	42.5	40.0	40.2	40.2	40.2	40.2	40.2	40.3	40.3	40.3	40.3	40.3	40.5
80	21.3	31.1	34.1	34.7	40.0	40.0	40.0	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.5
70	21.3	31.1	34.1	34.7	40.0	40.0	40.0	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.5
60	21.3	31.1	34.1	34.7	40.0	40.0	40.0	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.5
50	21.3	31.1	34.1	34.7	40.0	40.0	40.0	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.5
40	21.3	31.1	34.1	34.7	40.0	40.0	40.0	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.5
30	21.3	31.1	34.1	34.7	40.0	40.0	40.0	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.5
20	21.3	31.1	34.1	34.7	40.0	40.0	40.0	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.5
10	21.3	31.1	34.1	34.7	40.0	40.0	40.0	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.5
0	21.3	31.1	34.1	34.7	40.0	40.0	40.0	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.5

TOTAL NUMBER OF OBSERVATIONS 672

GENERAL CLIMATOLOGY BRANCH  
 U.S. ETAC  
 AIR WEATHER SERVICE/MAAC

CEILING VERSUS VISIBILITY

1:45:30

SELA ITALY

74-83

JA

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

1947-1122

CEILING (FEET)	20	26	32	38	44	50	56	62	68	74	80	86	92	98	100
20	22.3	38.5	37.5	37.9	37.9	38.3	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
22	24.4	39.6	40.9	41.6	41.9	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
24	24.4	39.6	40.9	41.6	41.9	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
26	24.4	39.6	40.9	41.6	41.9	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
28	24.4	39.6	40.9	41.6	41.9	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
30	39.4	49.9	51.9	53.2	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
32	39.4	51.3	60.7	62.5	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
34	35.6	57.5	67.5	62.7	63.7	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
36	35.7	57.6	61.0	62.8	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
38	35.7	57.6	61.0	62.8	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
40	35.7	51.7	85.0	86.9	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
42	35.7	51.7	85.0	86.9	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
44	35.9	51.8	85.2	87.0	87.7	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
46	36.9	93.4	87.7	88.9	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
48	47.5	98.9	97.8	94.7	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
50	42.4	92.1	96.1	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
52	42.4	92.1	96.1	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
54	42.4	92.1	96.1	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
56	42.4	92.1	96.1	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
58	42.4	92.1	96.1	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
60	42.4	92.1	96.1	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
62	42.4	92.1	96.1	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
64	42.4	92.1	96.1	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
66	42.4	92.1	96.1	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
68	42.4	92.1	96.1	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
70	42.4	92.1	96.1	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
72	42.4	92.1	96.1	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
74	42.4	92.1	96.1	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
76	42.4	92.1	96.1	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
78	42.4	92.1	96.1	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
80	42.4	92.1	96.1	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
82	42.4	92.1	96.1	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
84	42.4	92.1	96.1	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
86	42.4	92.1	96.1	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
88	42.4	92.1	96.1	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
90	42.4	92.1	96.1	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
92	42.4	92.1	96.1	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
94	42.4	92.1	96.1	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
96	42.4	92.1	96.1	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
98	42.4	92.1	96.1	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
100	42.4	92.1	96.1	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS 194

GENERAL CLIMATOLOGY BRANCH  
 DISPETAC  
 AIR WEATHER SERVICE/NAO

# CEILING VERSUS VISIBILITY

1845 33 BELLA ITALY STATION NAME

74-53

1200-1400

## PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

CEILING FEET	VISIBILITY STATISTICAL															
	20	24	28	32	36	40	44	48	52	56	60	64	68	72	76	80
2000	27.3	30.3	40.0	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
1800	31.4	43.9	45.1	45.8	46.1	46.1	46.1	46.1	46.1	46.2	46.2	46.4	46.4	46.7	46.7	46.7
1600	31.4	43.9	45.2	45.2	46.2	46.2	46.2	46.2	46.2	46.4	46.4	46.5	46.5	46.8	46.8	46.8
1400	31.4	43.9	45.2	45.9	46.7	46.2	46.2	46.2	46.2	46.4	46.4	46.5	46.5	46.8	46.8	46.8
1200	31.9	45.1	46.4	47.1	47.4	47.4	47.4	47.4	47.4	47.5	47.5	47.7	47.7	48.0	48.0	48.0
1000	39.7	56.1	59.4	59.7	60.0	60.0	60.0	60.0	60.0	60.1	60.1	60.3	60.3	60.6	60.6	60.6
800	44.2	64.3	67.3	68.4	68.8	69.1	69.1	69.1	69.1	69.3	69.3	69.4	69.4	69.7	69.7	69.7
600	45.1	64.6	67.2	68.7	69.1	69.4	69.4	69.4	69.4	69.6	69.6	69.7	69.7	70.0	70.0	70.0
400	45.1	64.6	67.2	68.7	69.1	69.4	69.4	69.4	69.4	69.6	69.6	69.7	69.7	70.0	70.0	70.0
200	45.1	75.7	82.3	83.6	84.2	84.5	84.5	84.5	84.5	84.6	84.6	84.8	84.8	85.1	85.1	85.1
100	45.1	75.7	82.3	83.8	84.2	84.5	84.5	84.5	84.5	84.6	84.6	84.8	84.8	85.1	85.1	85.1
50	45.1	75.7	82.3	83.8	84.2	84.5	84.5	84.5	84.5	84.6	84.6	84.8	84.8	85.1	85.1	85.1
30	47.5	83.3	86.2	87.7	88.1	88.4	88.4	88.4	88.4	88.6	88.6	88.7	88.7	89.0	89.0	89.0
15	51.9	89.3	92.7	93.8	94.3	94.8	94.8	94.8	94.8	94.9	94.9	95.1	95.1	95.4	95.4	95.4
10	54.5	93.0	95.9	97.8	98.4	99.0	99.0	99.0	99.0	99.1	99.1	99.3	99.3	99.6	99.6	99.6
5	54.5	93.0	95.9	97.8	98.4	99.0	99.0	99.0	99.0	99.1	99.1	99.3	99.3	99.6	99.6	99.6
3	54.5	93.0	95.9	97.8	98.4	99.0	99.0	99.0	99.0	99.1	99.1	99.3	99.3	99.6	99.6	99.6
2	54.5	93.0	95.9	97.8	98.4	99.0	99.0	99.0	99.0	99.1	99.1	99.3	99.3	99.6	99.6	99.6
1	54.5	93.0	95.9	97.8	98.4	99.0	99.0	99.0	99.0	99.1	99.1	99.3	99.3	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 690



GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1-4530 LA ITALY STATION NAME

74-83

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

13-0-2000

VISIBILITY (FEET)	VISIBILITY STATUTE MILES															
	20	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
1000	26.1	43.3	43.6	44.8	44.8	44.8	44.8	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
900	28.6	47.2	47.8	49.0	49.0	49.0	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
800	23.8	47.4	48.0	49.1	49.1	49.1	49.1	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
700	23.8	47.4	48.0	49.1	49.1	49.1	49.1	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
600	28.8	47.4	48.0	49.1	49.1	49.1	49.1	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
500	29.1	48.0	48.8	49.9	50.1	50.1	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
400	35.8	60.2	61.5	63.0	63.4	63.6	63.6	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
300	39.8	68.2	69.9	71.8	72.2	72.4	72.4	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
200	39.8	68.2	69.9	72.0	72.4	72.6	72.6	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
100	39.8	68.2	69.9	72.0	72.4	72.6	72.6	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
50	39.8	68.2	69.9	72.0	72.4	72.6	72.6	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
25	39.8	82.7	84.4	86.5	86.9	87.0	87.0	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
15	39.8	82.7	84.4	86.5	86.9	87.0	87.0	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
10	39.8	82.7	84.4	86.5	86.9	87.0	87.0	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
7.5	41.3	85.7	87.8	89.9	90.3	90.5	90.5	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
5	42.1	88.0	90.3	92.6	93.0	93.1	93.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
3	44.6	93.0	95.2	97.7	98.1	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
2	44.6	93.0	95.4	98.1	98.5	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
1.5	44.8	93.3	95.6	98.5	98.9	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
1	44.8	93.5	95.8	98.7	99.0	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.75	44.8	93.5	95.8	98.7	99.0	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.5	44.8	93.5	95.8	98.7	99.0	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.25	44.8	93.5	95.8	98.7	99.0	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.1	44.8	93.5	95.8	98.7	99.0	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 525

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14-530  
FORM

CELA ITALY

74-83

JA

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

14-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	300	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
1000	43.3	55.4	65.7	66.9	66.9	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
800	44.9	66.9	67.3	68.5	68.5	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
600	44.9	66.9	67.3	68.5	68.5	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
400	44.9	66.9	67.3	68.5	68.5	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
200	45.7	68.1	68.5	69.7	69.7	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
100	53.4	76.4	77.6	79.1	79.1	79.5	79.5	79.5	79.5	79.9	79.9	79.9	79.9	79.9	79.9	79.9
75	52.7	83.5	84.6	86.2	86.2	86.6	86.6	86.6	86.6	87.0	87.0	87.0	87.0	87.0	87.0	87.0
50	52.7	83.5	84.6	86.2	86.2	86.6	86.6	86.6	86.6	87.0	87.0	87.0	87.0	87.0	87.0	87.0
25	52.7	83.5	84.6	86.2	86.2	86.6	86.6	86.6	86.6	87.0	87.0	87.0	87.0	87.0	87.0	87.0
15	52.7	83.9	85.7	86.6	86.6	87.0	87.0	87.0	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
10	52.4	85.0	86.2	87.8	87.8	88.2	88.2	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
7.5	52.4	85.0	86.2	87.8	87.8	88.2	88.2	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
5	53.1	86.6	87.8	89.4	89.4	89.8	89.8	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
2.5	56.3	95.3	97.2	99.2	99.2	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1.5	56.3	95.3	97.2	99.2	99.2	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1	56.3	95.3	97.2	99.2	99.2	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.75	56.3	95.3	97.2	99.2	99.2	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.5	56.3	95.3	97.2	99.2	99.2	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.25	56.3	95.3	97.2	99.2	99.2	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.15	56.3	95.3	97.2	99.2	99.2	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.1	56.3	95.3	97.2	99.2	99.2	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.075	56.3	95.3	97.2	99.2	99.2	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.05	56.3	95.3	97.2	99.2	99.2	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.025	56.3	95.3	97.2	99.2	99.2	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 254

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR FATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

144530 GELA ITALY

74-83

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	210	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
3000	27.3	42.7	43.5	44.0	44.1	44.2	44.2	44.2	44.2	44.2	44.3	44.3	44.4	44.4	44.4	44.4
2800	31.1	46.1	47.0	47.6	47.8	47.9	47.9	47.9	47.9	48.0	48.0	48.0	48.1	48.1	48.1	48.1
2600	37.1	46.1	47.1	47.7	47.9	48.0	48.0	48.0	48.0	48.0	48.1	48.1	48.1	48.1	48.2	48.2
2400	37.1	46.1	47.1	47.7	47.9	48.0	48.0	48.0	48.0	48.1	48.1	48.1	48.1	48.2	48.2	48.2
2200	37.1	46.2	47.2	48.0	48.7	48.8	48.8	48.9	48.9	49.0	49.0	49.0	49.1	49.1	49.1	49.1
2000	40.9	63.9	66.0	67.4	67.6	67.8	67.8	67.9	68.0	68.0	68.1	68.1	68.2	68.2	68.2	68.2
1800	41.1	64.3	66.2	67.6	67.8	68.0	68.0	68.1	68.2	68.2	68.3	68.3	68.3	68.3	68.4	68.4
1600	41.1	64.3	66.2	67.6	67.9	68.1	68.1	68.1	68.2	68.3	68.3	68.3	68.3	68.4	68.4	68.4
1400	41.1	64.3	66.2	67.6	67.9	68.1	68.1	68.1	68.2	68.3	68.3	68.3	68.3	68.4	68.4	68.4
1200	41.1	64.3	66.2	67.6	67.9	68.1	68.1	68.1	68.2	68.3	68.3	68.3	68.3	68.4	68.4	68.4
1000	41.1	64.3	66.2	67.6	67.9	68.1	68.1	68.1	68.2	68.3	68.3	68.3	68.3	68.4	68.4	68.4
800	41.1	64.3	66.2	67.6	67.9	68.1	68.1	68.1	68.2	68.3	68.3	68.3	68.3	68.4	68.4	68.4
600	41.1	64.3	66.2	67.6	67.9	68.1	68.1	68.1	68.2	68.3	68.3	68.3	68.3	68.4	68.4	68.4
400	41.1	64.3	66.2	67.6	67.9	68.1	68.1	68.1	68.2	68.3	68.3	68.3	68.3	68.4	68.4	68.4
200	41.1	64.3	66.2	67.6	67.9	68.1	68.1	68.1	68.2	68.3	68.3	68.3	68.3	68.4	68.4	68.4
100	41.1	64.3	66.2	67.6	67.9	68.1	68.1	68.1	68.2	68.3	68.3	68.3	68.3	68.4	68.4	68.4
0	41.1	64.3	66.2	67.6	67.9	68.1	68.1	68.1	68.2	68.3	68.3	68.3	68.3	68.4	68.4	68.4
3000	27.3	42.7	43.5	44.0	44.1	44.2	44.2	44.2	44.2	44.3	44.3	44.4	44.4	44.4	44.4	44.4
2800	31.1	46.1	47.0	47.6	47.8	47.9	47.9	47.9	47.9	48.0	48.0	48.0	48.1	48.1	48.1	48.1
2600	37.1	46.1	47.1	47.7	47.9	48.0	48.0	48.0	48.0	48.1	48.1	48.1	48.1	48.2	48.2	48.2
2400	37.1	46.1	47.1	47.7	47.9	48.0	48.0	48.0	48.0	48.1	48.1	48.1	48.1	48.2	48.2	48.2
2200	37.1	46.2	47.2	48.0	48.7	48.8	48.8	48.9	48.9	49.0	49.0	49.0	49.1	49.1	49.1	49.1
2000	40.9	63.9	66.0	67.4	67.6	67.8	67.8	67.9	68.0	68.0	68.1	68.1	68.2	68.2	68.2	68.2
1800	41.1	64.3	66.2	67.6	67.8	68.0	68.0	68.1	68.2	68.2	68.3	68.3	68.3	68.3	68.4	68.4
1600	41.1	64.3	66.2	67.6	67.9	68.1	68.1	68.1	68.2	68.3	68.3	68.3	68.3	68.4	68.4	68.4
1400	41.1	64.3	66.2	67.6	67.9	68.1	68.1	68.1	68.2	68.3	68.3	68.3	68.3	68.4	68.4	68.4
1200	41.1	64.3	66.2	67.6	67.9	68.1	68.1	68.1	68.2	68.3	68.3	68.3	68.3	68.4	68.4	68.4
1000	41.1	64.3	66.2	67.6	67.9	68.1	68.1	68.1	68.2	68.3	68.3	68.3	68.3	68.4	68.4	68.4
800	41.1	64.3	66.2	67.6	67.9	68.1	68.1	68.1	68.2	68.3	68.3	68.3	68.3	68.4	68.4	68.4
600	41.1	64.3	66.2	67.6	67.9	68.1	68.1	68.1	68.2	68.3	68.3	68.3	68.3	68.4	68.4	68.4
400	41.1	64.3	66.2	67.6	67.9	68.1	68.1	68.1	68.2	68.3	68.3	68.3	68.3	68.4	68.4	68.4
200	41.1	64.3	66.2	67.6	67.9	68.1	68.1	68.1	68.2	68.3	68.3	68.3	68.3	68.4	68.4	68.4
100	41.1	64.3	66.2	67.6	67.9	68.1	68.1	68.1	68.2	68.3	68.3	68.3	68.3	68.4	68.4	68.4
0	41.1	64.3	66.2	67.6	67.9	68.1	68.1	68.1	68.2	68.3	68.3	68.3	68.3	68.4	68.4	68.4
3000	27.3	42.7	43.5	44.0	44.1	44.2	44.2	44.2	44.2	44.3	44.3	44.4	44.4	44.4	44.4	44.4
2800	31.1	46.1	47.0	47.6	47.8	47.9	47.9	47.9	47.9	48.0	48.0	48.0	48.1	48.1	48.1	48.1
2600	37.1	46.1	47.1	47.7	47.9	48.0	48.0	48.0	48.0	48.1	48.1	48.1	48.1	48.2	48.2	48.2
2400	37.1	46.1	47.1	47.7	47.9	48.0	48.0	48.0	48.0	48.1	48.1	48.1	48.1	48.2	48.2	48.2
2200	37.1	46.2	47.2	48.0	48.7	48.8	48.8	48.9	48.9	49.0	49.0	49.0	49.1	49.1	49.1	49.1
2000	40.9	63.9	66.0	67.4	67.6	67.8	67.8	67.9	68.0	68.0	68.1	68.1	68.2	68.2	68.2	68.2
1800	41.1	64.3	66.2	67.6	67.8	68.0	68.0	68.1	68.2	68.2	68.3	68.3	68.3	68.3	68.4	68.4
1600	41.1	64.3	66.2	67.6	67.9	68.1	68.1	68.1	68.2	68.3	68.3	68.3	68.3	68.4	68.4	68.4
1400	41.1	64.3	66.2	67.6	67.9	68.1	68.1	68.1	68.2	68.3	68.3	68.3	68.3	68.4	68.4	68.4
1200	41.1	64.3	66.2	67.6	67.9	68.1	68.1	68.1	68.2	68.3	68.3	68.3	68.3	68.4	68.4	68.4
1000	41.1	64.3	66.2	67.6	67.9	68.1	68.1	68.1	68.2	68.3	68.3	68.3	68.3	68.4	68.4	68.4
800	41.1	64.3	66.2	67.6	67.9	68.1	68.1	68.1	68.2	68.3	68.3	68.3	68.3	68.4	68.4	68.4
600	41.1	64.3	66.2	67.6	67.9	68.1	68.1	68.1	68.2	68.3	68.3	68.3	68.3	68.4	68.4	68.4
400	41.1	64.3	66.2	67.6	67.9	68.1	68.1	68.1	68.2	68.3	68.3	68.3	68.3	68.4	68.4	68.4
200	41.1	64.3	66.2	67.6	67.9	68.1	68.1	68.1	68.2	68.3	68.3	68.3	68.3	68.4	68.4	68.4
100	41.1	64.3	66.2	67.6	67.9	68.1	68.1	68.1	68.2	68.3	68.3	68.3	68.3	68.4	68.4	68.4
0	41.1	64.3	66.2	67.6	67.9	68.1	68.1	68.1	68.2	68.3	68.3	68.3	68.3	68.4	68.4	68.4

TOTAL NUMBER OF OBSERVATIONS 4216

GENERAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14030  
STATION

SELA ITALY

74-83

FCR

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

1959-1960

CEILING FEET	VISIBILITY STATISTICS															
	20	26	31	34	35	37	41	48	54	60	66	72	74	77	80	85
1000	31.7	62.9	64.5	64.3	65.2	65.2	65.6	66.0	66.7	66.2	66.0	66.0	66.0	66.0	66.0	66.0
900	36.7	63.3	64.5	65.2	65.6	65.6	66.0	66.7	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
800	39.1	63.7	65.2	65.6	66.0	66.0	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
700	39.1	63.7	65.2	65.6	66.0	66.0	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
600	39.5	64.1	65.6	66.0	66.4	66.4	66.4	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
500	42.2	70.7	72.7	73.4	73.6	73.8	74.2	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
400	44.5	79.3	81.6	82.8	83.2	83.2	83.6	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
300	44.5	79.7	82.0	83.2	83.6	83.6	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
200	44.5	79.7	82.0	83.2	83.6	83.6	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
100	44.5	81.6	84.0	85.2	85.5	85.5	85.9	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
0	44.5	81.6	84.0	85.2	85.5	85.5	85.9	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
1000	44.5	81.6	84.0	85.2	85.5	85.5	85.9	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
900	45.3	84.0	86.3	87.5	87.9	87.9	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
800	46.9	89.1	91.4	92.6	93.0	93.0	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
700	48.4	92.6	95.3	98.0	98.4	98.4	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
600	48.4	93.0	95.7	98.4	98.8	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
500	43.4	93.0	95.7	98.4	93.8	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
400	48.4	93.0	95.7	98.4	98.8	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
300	48.4	93.0	95.7	98.4	98.8	98.8	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	48.4	93.0	95.7	98.4	98.8	98.8	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	48.4	93.0	95.7	98.4	98.8	98.8	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	48.4	93.0	95.7	98.4	98.8	98.8	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1000	48.4	93.0	95.7	98.4	98.8	98.8	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
900	48.4	93.0	95.7	98.4	98.8	98.8	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
800	48.4	93.0	95.7	98.4	98.8	98.8	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700	48.4	93.0	95.7	98.4	98.8	98.8	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600	48.4	93.0	95.7	98.4	98.8	98.8	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	48.4	93.0	95.7	98.4	98.8	98.8	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	48.4	93.0	95.7	98.4	98.8	98.8	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	48.4	93.0	95.7	98.4	98.8	98.8	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	48.4	93.0	95.7	98.4	98.8	98.8	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	48.4	93.0	95.7	98.4	98.8	98.8	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	48.4	93.0	95.7	98.4	98.8	98.8	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 256



GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AT- FATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

164530

VELA ITALY

STATION NAME

74-83

51

## PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

106-0500

ELEVATION FEET	VISIBILITY (STATUTE MILES)															
	2.0	2.6	3.3	4.0	4.7	5.4	6.1	6.8	7.5	8.2	8.9	9.6	10.3	11.0	11.7	12.4
0-100	31.4	44.4	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	51.3
100-200	32.5	44.5	50.3	50.3	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.3
200-300	32.5	49.5	50.3	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.6
300-400	32.5	49.5	51.3	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.6
400-500	32.5	49.7	50.5	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.6
500-600	37.7	56.5	57.9	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	59.2
600-700	41.4	61.0	65.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	67.3
700-800	41.5	64.1	66.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.8
800-900	41.5	64.1	66.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.8
900-1000	41.5	64.1	66.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.8
1000-1100	41.5	81.5	85.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	87.2
1100-1200	41.6	83.5	85.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	87.2
1200-1300	41.6	83.5	85.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	87.2
1300-1400	41.6	83.5	85.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	87.2
1400-1500	41.6	83.5	85.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	87.2
1500-1600	42.7	85.1	85.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.7
1600-1700	44.5	89.0	91.4	93.2	93.2	93.2	93.2	93.2	93.5	93.7	93.7	93.7	93.7	94.0	94.0	94.5
1700-1800	46.4	92.7	95.3	97.6	97.6	97.6	97.6	97.6	97.9	98.2	98.2	98.2	98.4	98.4	98.4	99.2
1800-1900	46.9	92.9	95.5	98.2	98.2	98.2	98.2	98.2	98.4	98.7	98.7	98.7	98.7	99.0	99.0	99.5
1900-2000	46.9	92.9	95.5	98.2	98.2	98.2	98.2	98.2	98.4	98.7	98.7	98.7	98.7	99.5	99.5	99.5
2000-2100	46.9	92.9	95.5	98.2	98.2	98.2	98.2	98.2	98.4	98.7	98.7	98.7	98.7	99.5	99.5	99.5
2100-2200	46.9	92.9	95.5	98.2	98.2	98.2	98.2	98.2	98.4	98.7	98.7	98.7	98.7	99.5	99.5	99.5
2200-2300	46.9	92.9	95.5	98.2	98.2	98.2	98.2	98.2	98.4	98.7	98.7	98.7	98.7	99.5	99.5	99.5
2300-2400	46.9	92.9	95.5	98.2	98.2	98.2	98.2	98.2	98.4	98.7	98.7	98.7	98.7	99.5	99.5	99.5
2400-2500	46.9	92.9	95.5	98.2	98.2	98.2	98.2	98.2	98.4	98.7	98.7	98.7	98.7	99.5	99.5	99.5
2500-2600	46.9	92.9	95.5	98.2	98.2	98.2	98.2	98.2	98.4	98.7	98.7	98.7	98.7	99.5	99.5	99.5
2600-2700	46.9	92.9	95.5	98.2	98.2	98.2	98.2	98.2	98.4	98.7	98.7	98.7	98.7	99.5	99.5	99.5
2700-2800	46.9	92.9	95.5	98.2	98.2	98.2	98.2	98.2	98.4	98.7	98.7	98.7	98.7	99.5	99.5	99.5
2800-2900	46.9	92.9	95.5	98.2	98.2	98.2	98.2	98.2	98.4	98.7	98.7	98.7	98.7	99.5	99.5	99.5
2900-3000	46.9	92.9	95.5	98.2	98.2	98.2	98.2	98.2	98.4	98.7	98.7	98.7	98.7	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 182

GENERAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

174530 ULS ITALY

74-83

555

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

112-6888

CEILING	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
1000	21.4	35.3	35.9	36.2	36.7	36.3	36.3	36.3	36.5	36.5	36.5	36.5	36.5	36.5	36.7	36.7	36.9
900	21.1	34.2	36.7	37.2	37.2	37.2	37.2	37.2	37.4	37.4	37.4	37.4	37.4	37.4	37.5	37.5	37.7
800	21.1	34.2	36.9	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	37.9
700	21.1	34.2	36.9	37.2	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.5	37.5	37.5	37.5	37.7	37.9
600	21.1	34.2	36.9	37.2	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.5	37.5	37.5	37.5	37.7	37.9
500	21.1	34.2	36.9	37.2	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.5	37.5	37.5	37.5	37.7	37.9
400	27.5	47.1	47.9	48.6	48.8	49.7	49.7	49.7	49.7	49.1	49.1	49.1	49.1	49.1	49.3	49.3	49.5
300	34.7	53.5	60.9	61.8	61.9	62.1	62.1	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.5	62.6
200	35.1	58.7	61.1	61.9	62.1	62.3	62.3	62.3	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.6	62.8
100	35.1	58.7	61.1	61.9	62.1	62.3	62.3	62.3	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.6	62.8
0	35.1	53.6	86.7	86.9	87.0	87.2	87.2	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.7
2000	35.1	53.6	86.7	86.9	87.0	87.2	87.2	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.7
1000	35.1	53.6	86.7	86.9	87.0	87.2	87.2	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.7
900	35.1	53.6	86.7	86.9	87.0	87.2	87.2	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.7
800	35.1	53.6	86.7	86.9	87.0	87.2	87.2	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.7
700	35.1	53.6	86.7	86.9	87.0	87.2	87.2	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.7
600	35.1	53.6	86.7	86.9	87.0	87.2	87.2	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.7
500	35.1	53.6	86.7	86.9	87.0	87.2	87.2	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.7
400	35.1	53.6	86.7	86.9	87.0	87.2	87.2	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.7
300	35.1	53.6	86.7	86.9	87.0	87.2	87.2	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.7
200	35.1	53.6	86.7	86.9	87.0	87.2	87.2	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.7
100	35.1	53.6	86.7	86.9	87.0	87.2	87.2	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.7
0	35.1	53.6	86.7	86.9	87.0	87.2	87.2	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.7
2000	39.1	92.3	93.1	94.1	94.3	94.5	94.5	94.5	94.6	94.8	94.8	94.8	94.8	94.8	94.8	95.0	95.2
1000	41.2	92.9	96.2	97.6	97.8	98.4	98.4	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	99.0	99.1
900	41.2	93.1	96.4	97.8	98.3	99.0	99.0	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.7
800	41.2	93.1	96.4	97.8	98.3	99.0	99.0	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.7
700	41.2	93.1	96.4	97.8	98.3	99.0	99.0	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.7
600	41.2	93.1	96.4	97.8	98.3	99.0	99.0	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.7
500	41.2	93.1	96.4	97.8	98.3	99.0	99.0	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.7
400	41.2	93.1	96.4	97.8	98.3	99.0	99.0	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.7
300	41.2	93.1	96.4	97.8	98.3	99.0	99.0	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.7
200	41.2	93.1	96.4	97.8	98.3	99.0	99.0	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.7
100	41.2	93.1	96.4	97.8	98.3	99.0	99.0	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.7
0	41.2	93.1	96.4	97.8	98.3	99.0	99.0	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.7

TOTAL NUMBER OF OBSERVATIONS 570

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14451 GELA ITALY

74-87

515

## PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

0-200-1106

VISIBILITY (FEET)	CEILING (FEET)														
	20	26	33	40	47	54	61	68	75	82	89	96	103	110	117
2000	24.2	38.6	39.5	40.6	41.7	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
1800	28.1	42.2	43.4	44.7	45.0	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
1600	28.3	42.4	43.5	44.9	45.2	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
1400	28.5	42.4	43.5	44.9	45.2	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
1200	28.5	42.4	43.5	44.9	45.2	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
1000	34.1	51.2	53.6	55.0	55.1	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
800	40.2	60.4	63.2	66.2	66.6	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
600	40.2	60.4	64.1	67.2	67.5	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
400	40.2	60.4	64.1	67.2	67.5	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
200	40.2	60.4	63.8	66.9	67.3	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
100	40.2	60.6	63.8	66.9	67.3	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
50	41.4	61.8	63.0	67.1	67.4	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
25	42.4	61.8	67.1	68.6	68.9	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
10	45.2	68.2	67.4	68.9	68.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
5	45.2	68.4	67.7	68.2	68.5	69.2	69.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
2	46.7	69.7	64.7	68.5	68.8	69.5	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
1	46.1	69.7	64.0	68.5	68.8	69.5	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
0.5	46.1	69.7	64.0	68.5	68.8	69.5	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
0.2	46.1	69.7	64.0	68.5	68.8	69.5	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
0.1	46.1	69.7	64.0	68.5	68.8	69.5	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
0.05	46.1	69.7	64.0	68.5	68.8	69.5	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
0.02	46.1	69.7	64.0	68.5	68.8	69.5	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
0.01	46.1	69.7	64.0	68.5	68.8	69.5	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
0.005	46.1	69.7	64.0	68.5	68.8	69.5	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
0.002	46.1	69.7	64.0	68.5	68.8	69.5	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
0.001	46.1	69.7	64.0	68.5	68.8	69.5	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8

TOTAL NUMBER OF OBSERVATIONS 1074

GENERAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

144531 UOLA ITALY

74-87

5-52

## PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

1200-1400

VISIBILITY IN FEET

CEILING	3000	2600	2300	2000	1700	1500	1400	1300	1200	1100	1000	900	800	700	600	500	400	300	200	100	0
3000	29.3	42.3	44.0	44.2	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
2600	32.9	47.3	49.4	49.3	49.9	49.9	49.9	49.9	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
2300	32.9	47.4	49.6	49.4	50.1	50.1	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
2000	32.9	47.4	49.6	49.4	50.1	50.1	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
1700	33.1	48.9	51.2	51.1	51.7	51.7	51.7	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
1500	40.7	56.6	67.3	61.8	62.6	62.6	62.6	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
1400	45.8	66.1	69.9	72.0	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
1300	45.8	66.2	69.7	70.2	71.2	71.2	71.2	71.2	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
1200	45.8	66.2	69.7	70.2	71.2	71.2	71.2	71.2	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
1100	45.8	66.2	69.7	70.2	71.2	71.2	71.2	71.2	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
1000	45.8	76.9	79.7	80.9	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
900	45.8	77.1	79.9	81.1	82.0	82.0	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
800	45.8	77.1	79.9	81.4	82.4	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
700	47.3	80.9	84.1	85.7	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
600	53.4	87.5	90.9	92.3	93.7	93.9	93.9	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
500	56.5	92.3	95.7	98.4	99.3	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
400	56.5	92.3	95.7	98.4	99.3	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
300	56.7	92.4	95.9	98.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
200	56.7	92.4	95.9	98.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
100	56.7	92.4	95.9	98.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
0	56.7	92.4	95.9	98.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 17

FEDERAL CLIMATOLOGY BRANCH  
FAFSTAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

144510 DELA ITALY

74-83

## PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

1400-1700

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
30.7	43.7	43.3	44.2	44.7	44.7	44.2	44.2	44.2	44.7	44.7	44.7	44.2	44.7	44.2	44.2	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
34.3	47.8	47.4	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	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
34.6	49.1	49.9	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
34.6	49.1	49.9	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
35.4	49.9	50.6	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	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
42.7	60.5	61.1	62.1	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
47.9	68.4	69.1	70.3	70.8	70.8	70.8	70.8	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
48.1	68.7	69.4	70.7	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
48.1	68.7	69.4	70.7	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
48.1	70.3	70.9	72.2	72.7	72.7	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
48.1	70.3	70.9	72.2	72.7	72.7	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
48.5	70.7	71.4	72.7	73.2	73.2	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
48.5	70.7	71.4	72.7	73.2	73.2	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
52.2	81.5	84.2	85.7	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
57.3	90.9	91.5	93.4	93.9	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
91.0	95.1	96.1	98.4	99.0	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
91.0	95.1	96.1	98.4	99.0	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
91.1	95.2	96.2	98.7	99.3	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	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
91.1	95.2	96.2	98.7	99.3	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	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
91.1	95.2	96.2	98.7	99.3	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	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
91.1	95.2	96.2	98.7	99.3	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	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
91.1	95.2	96.2	98.7	99.3	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	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
91.1	95.2	96.2	98.7	99.3	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	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
91.1	95.2	96.2	98.7	99.3	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	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
91.1	95.2	96.2	98.7	99.3	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	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
91.1	95.2	96.2	98.7	99.3	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	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 627

SEVERAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/TAC

# CEILING VERSUS VISIBILITY

I-4733 OLLA ITALY

74-83

## PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

1210-4000

	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
37.7 48.0 48.0 48.6 48.6 47.7 47.7 47.7 47.7 47.2 47.2 47.2 47.2 47.2 47.2 47.2															
30.4 48.9 49.2 50.7 50.9 51.3 51.3 51.3 51.3 51.5 51.5 51.5 51.5 51.5 51.5 51.5															
31.0 49.5 50.9 51.3 51.5 52.0 52.0 52.0 52.0 52.2 52.2 52.2 52.2 52.2 52.2 52.2															
31.0 49.5 50.9 51.3 51.5 52.0 52.0 52.0 52.0 52.2 52.2 52.2 52.2 52.2 52.2 52.2															
31.4 50.1 51.1 52.0 52.2 52.6 52.6 52.6 52.6 52.8 52.8 52.8 52.8 52.8 52.8 52.8															
37.4 53.7 59.8 61.4 61.4 62.2 62.2 62.2 62.2 62.4 62.4 62.4 62.4 62.4 62.4 62.4															
41.5 66.5 67.8 69.4 69.8 70.2 70.2 70.2 70.2 70.4 70.4 70.4 70.4 70.4 70.4 70.4															
41.7 66.9 68.2 69.8 70.2 70.6 70.6 70.6 70.6 70.8 70.8 70.8 70.8 70.8 70.8 70.8															
41.7 66.9 68.2 69.8 70.2 70.6 70.6 70.6 70.6 70.8 70.8 70.8 70.8 70.8 70.8 70.8															
41.7 66.9 68.2 69.8 70.2 70.6 70.6 70.6 70.6 70.8 70.8 70.8 70.8 70.8 70.8 70.8															
41.7 66.9 68.2 69.8 70.2 70.6 70.6 70.6 70.6 70.8 70.8 70.8 70.8 70.8 70.8 70.8															
41.7 77.0 73.2 79.9 80.3 80.7 80.7 80.7 80.7 80.9 80.9 80.9 80.9 80.9 80.9 80.9															
41.7 77.0 73.2 79.9 80.3 80.7 80.7 80.7 80.7 80.9 80.9 80.9 80.9 80.9 80.9 80.9															
41.7 77.0 73.2 79.9 80.3 80.7 80.7 80.7 80.7 80.9 80.9 80.9 80.9 80.9 80.9 80.9															
41.9 77.2 73.4 80.1 80.5 80.9 80.9 80.9 80.9 81.1 81.1 81.1 81.1 81.1 81.1 81.1															
43.9 82.3 81.5 83.2 83.6 84.0 84.0 84.0 84.2 84.2 84.2 84.2 84.2 84.2 84.2 84.2															
48.3 87.1 88.9 90.6 91.0 91.4 91.4 91.4 91.4 91.6 91.6 91.6 91.6 91.6 91.6 91.6															
51.1 92.4 94.7 97.3 97.9 98.8 98.8 98.8 98.8 99.0 99.0 99.0 99.0 99.0 99.0 99.0															
51.1 92.4 94.7 97.3 97.9 98.8 98.8 98.8 98.8 99.0 99.0 99.0 99.0 99.0 99.0 99.0															
51.1 92.6 94.9 97.5 98.2 99.2 99.2 99.2 99.2 99.4 99.4 99.4 99.4 99.4 99.4 99.4															
51.1 92.6 94.9 97.5 98.2 99.2 99.2 99.2 99.2 99.4 99.4 99.4 99.4 99.4 99.4 99.4															
51.1 92.6 94.9 97.5 98.2 99.2 99.2 99.2 99.2 99.4 99.4 99.4 99.4 99.4 99.4 99.4															
51.1 92.6 94.9 97.5 98.2 99.2 99.2 99.2 99.2 99.4 99.4 99.4 99.4 99.4 99.4 99.4															
51.1 92.8 95.1 97.7 98.4 99.4 99.4 99.4 99.4 99.6 99.6 99.6 99.6 99.6 99.6 99.6															
51.1 92.8 95.1 97.7 98.4 99.4 99.4 99.4 99.4 99.6 99.6 99.6 99.6 99.6 99.6 99.6															
51.1 92.8 95.1 97.7 98.4 99.4 99.4 99.4 99.4 99.6 99.6 99.6 99.6 99.6 99.6 99.6															
51.1 92.8 95.1 97.7 98.4 99.4 99.4 99.4 99.4 99.6 99.6 99.6 99.6 99.6 99.6 99.6															
51.1 92.8 95.1 97.7 98.4 99.4 99.4 99.4 99.4 99.6 99.6 99.6 99.6 99.6 99.6 99.6															
51.3 93.0 95.3 97.9 98.6 99.6 99.6 99.6 99.6 99.8 99.8 99.8 99.8 99.8 99.8 99.8															
51.3 93.0 95.3 97.9 98.6 99.6 99.6 99.6 99.6 99.8 99.8 99.8 99.8 99.8 99.8 99.8															

TOTAL NUMBER OF OBSERVATIONS 47

FEDERAL AVIATION ADMINISTRATION  
CENTRAL CLIMATOLOGY BRANCH  
WASHINGTON, D.C.  
METEOROLOGICAL WEATHER SERVICE

# CEILING VERSUS VISIBILITY

NO. 1501  
UNIT: FEET

## PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

1110-0000

CEILING	6000	5000	4000	3000	2000	1500	1000	500	0	NO CEILING	NO VISIBILITY	NO DATA			
6000	58.7	58.7	59.4	59.1	57.1	61.9	61.2	61.3	61.5	61.1	61.9	61.9	62.2	62.2	62.2
5000	59.1	60.1	60.8	61.9	61.2	62.0	62.9	62.0	61.2	63.2	63.5	63.5	63.5	64.0	64.0
4000	60.8	61.3	61.5	62.6	62.6	63.3	63.6	63.8	64.7	64.7	64.7	64.3	64.3	64.7	64.7
3000	61.2	61.5	62.6	62.6	63.3	63.6	63.8	64.7	64.7	64.7	64.3	64.3	64.3	64.7	64.7
2000	61.5	61.9	62.6	62.6	63.3	63.6	63.8	64.7	64.7	64.7	64.3	64.3	64.3	64.7	64.7
1500	61.9	62.0	62.6	62.6	63.3	63.6	63.8	64.7	64.7	64.7	64.3	64.3	64.3	64.7	64.7
1000	62.0	62.6	62.6	63.3	63.6	63.8	64.7	64.7	64.7	64.7	64.3	64.3	64.3	64.7	64.7
500	62.6	62.6	63.3	63.6	63.8	64.7	64.7	64.7	64.7	64.7	64.3	64.3	64.3	64.7	64.7
0	63.3	63.3	63.6	63.8	64.7	64.7	64.7	64.7	64.7	64.7	64.3	64.3	64.3	64.7	64.7
NO CEILING	63.6	63.8	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.3	64.3	64.3	64.7	64.7
NO VISIBILITY	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.3	64.3	64.3	64.7	64.7
NO DATA	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.3	64.3	64.3	64.7	64.7
6000	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.3	64.3	64.3	64.7	64.7
5000	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.3	64.3	64.3	64.7	64.7
4000	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.3	64.3	64.3	64.7	64.7
3000	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.3	64.3	64.3	64.7	64.7
2000	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.3	64.3	64.3	64.7	64.7
1500	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.3	64.3	64.3	64.7	64.7
1000	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.3	64.3	64.3	64.7	64.7
500	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.3	64.3	64.3	64.7	64.7
0	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.3	64.3	64.3	64.7	64.7
NO CEILING	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.3	64.3	64.3	64.7	64.7
NO VISIBILITY	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.3	64.3	64.3	64.7	64.7
NO DATA	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.3	64.3	64.3	64.7	64.7
6000	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.3	64.3	64.3	64.7	64.7
5000	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.3	64.3	64.3	64.7	64.7
4000	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.3	64.3	64.3	64.7	64.7
3000	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.3	64.3	64.3	64.7	64.7
2000	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.3	64.3	64.3	64.7	64.7
1500	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.3	64.3	64.3	64.7	64.7
1000	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.3	64.3	64.3	64.7	64.7
500	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.3	64.3	64.3	64.7	64.7
0	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.3	64.3	64.3	64.7	64.7
NO CEILING	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.3	64.3	64.3	64.7	64.7
NO VISIBILITY	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.3	64.3	64.3	64.7	64.7
NO DATA	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.3	64.3	64.3	64.7	64.7

TOTAL NUMBER OF OBSERVATIONS 285

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





FEDERAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

144530 DELA ITALY

74-83

841

## PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

1445-5000

HEIGHT FEET	VISIBILITY STATISTICAL															
	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95
2000	25.7	55.6	59.2	60.9	61.3	62.7	63.7	64.1	64.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4
1800	26.3	57.0	60.6	62.7	63.0	64.4	64.8	66.2	66.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5
1600	26.3	57.0	60.6	62.7	63.0	64.4	64.8	66.2	66.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5
1400	26.3	57.0	60.6	62.7	63.0	64.4	64.8	66.2	66.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5
1200	26.3	57.0	60.6	62.7	63.0	64.4	64.8	66.2	66.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5
1000	29.2	64.1	69.3	70.4	70.8	72.2	72.5	73.9	73.9	74.3	74.3	74.3	74.3	74.3	74.3	74.3
800	31.1	72.5	77.1	79.9	80.3	81.7	82.0	83.5	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8
600	31.1	72.5	77.1	79.9	80.3	81.7	82.0	83.5	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8
400	31.1	72.5	77.1	79.9	80.3	81.7	82.0	83.5	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8
200	31.1	74.3	78.9	81.7	82.0	83.5	83.8	85.2	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6
100	31.1	74.3	78.9	81.7	82.0	83.5	83.8	85.2	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6
50	31.1	74.3	78.9	81.7	82.0	83.5	83.8	85.2	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6
25	31.7	76.4	81.3	84.2	84.5	86.3	86.6	88.0	88.0	88.4	88.4	88.4	88.4	88.4	88.4	88.4
10	33.8	81.3	86.3	89.4	89.8	91.5	91.9	93.3	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7
5	34.5	85.9	91.2	95.1	95.4	97.2	97.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2	34.5	85.9	91.2	95.1	95.4	97.2	97.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1	34.5	85.9	91.2	95.1	95.4	97.2	97.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 284

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

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR FATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

164531 UCLA ITALY STATION NAME

74-87

4A

## PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS.

3300-3500

CEILING (FEET)	300	20	10	24	23	21	20	19	18	17	16	15	14	13	12	11	10
2000	22.2	44.2	45.1	48.0	49.7	50.6	50.6	51.1	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.5	51.6
1800	22.9	45.6	46.5	49.6	50.4	52.3	52.3	52.7	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.2	53.2
1600	22.9	45.6	46.5	49.6	50.4	52.3	52.3	52.7	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.2	53.2
1400	22.9	45.6	46.5	49.6	50.4	52.3	52.3	52.7	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.2	53.2
1200	23.2	46.1	47.0	50.1	51.8	52.7	52.7	53.2	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.7	53.7
1000	25.5	52.7	54.9	58.0	59.9	60.9	60.9	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
800	32.5	60.9	63.0	66.3	67.3	69.7	69.7	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.6	70.6
600	33.5	60.9	63.0	66.3	67.3	69.7	69.7	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.6	70.6
400	33.5	60.9	63.0	66.3	67.3	69.7	69.7	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.6	70.6
200	32.8	73.8	80.9	84.2	85.2	87.6	87.6	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.5	88.5
100	30.8	73.8	80.9	84.2	85.2	87.6	87.6	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.5	88.5
50	30.9	79.6	80.9	84.2	85.2	87.6	87.6	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.5	88.5
25	32.9	82.1	84.2	87.6	88.5	90.9	90.9	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.9	91.9
10	34.4	85.0	87.1	90.9	91.0	94.3	94.3	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.2	95.2
5	35.1	87.1	90.0	94.3	96.2	98.6	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.5
2	35.1	87.1	90.0	94.3	96.2	98.6	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.5
1	35.1	87.1	90.0	94.3	96.2	98.6	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 417

GENERAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

164530

BELA ITALY

-63

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

-606-1600

CEILING FEET	VISIBILITY STATISTICAL TABLE																
	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10
2000	12.4	31.0	32.9	35.2	37.5	36.8	36.3	36.9	36.4	37.2	37.2	37.2	37.4	37.7	37.7	37.9	
1800	13.2	33.0	36.8	39.1	39.6	40.8	40.8	41.0	41.0	41.3	41.3	41.3	41.5	41.8	41.8	41.9	
1600	13.2	33.6	36.8	39.1	39.6	40.8	40.8	41.0	41.0	41.3	41.3	41.3	41.5	41.8	41.8	41.9	
1400	13.7	33.6	36.4	39.1	39.6	40.8	40.8	41.0	41.0	41.3	41.3	41.3	41.5	41.8	41.8	41.9	
1200	14.1	34.3	37.4	39.9	41.4	41.6	41.6	41.8	41.8	42.1	42.1	42.1	42.3	42.5	42.6	42.7	
1000	19.4	42.1	46.0	49.1	49.6	51.0	51.0	51.3	51.3	51.0	51.6	51.6	51.8	52.1	52.1	52.3	
800	24.7	49.6	54.5	58.1	58.5	60.1	60.1	60.6	60.7	61.0	61.0	61.0	61.2	61.5	61.5	61.7	
600	24.7	49.8	54.6	58.2	58.7	60.3	60.3	60.7	60.7	61.2	61.2	61.2	61.3	61.7	61.7	61.8	
400	24.7	49.8	54.6	58.2	58.7	60.3	60.3	60.7	60.7	61.2	61.2	61.2	61.3	61.7	61.7	61.8	
200	24.7	75.6	80.4	84.0	84.5	86.1	86.1	86.5	86.7	87.0	87.0	87.0	87.2	87.5	87.5	87.6	
100	25.1	76.1	80.9	84.5	85.0	86.5	86.5	87.0	87.0	87.2	87.2	87.2	87.5	87.6	87.9	88.1	
50	25.7	76.1	81.9	84.5	85.0	86.5	86.5	87.0	87.0	87.5	87.5	87.5	87.6	87.9	87.9	88.1	
30	27.4	79.8	84.7	88.3	88.7	90.3	90.3	90.8	90.8	91.2	91.2	91.2	91.4	91.7	91.7	91.9	
20	28.8	83.4	88.3	92.5	93.0	94.5	94.5	95.0	95.1	95.5	95.5	95.5	95.6	95.9	95.9	96.1	
15	30.1	85.6	91.1	95.6	96.1	97.7	97.7	98.1	98.3	98.6	98.6	98.6	98.7	99.1	99.1	99.2	
10	30.0	85.3	91.1	95.6	96.1	97.7	97.7	98.1	98.3	98.6	98.6	98.6	98.7	99.1	99.1	99.2	
7	32.0	88.1	91.4	95.9	96.4	98.0	98.0	98.4	98.6	98.9	98.9	98.9	99.1	99.4	99.4	99.5	
5	30.7	86.2	91.5	96.1	96.6	98.1	98.1	98.6	98.7	99.1	99.1	99.1	99.2	99.5	99.5	99.7	
3	30.0	86.2	91.5	96.1	96.6	98.1	98.1	98.6	98.7	99.1	99.1	99.1	99.2	99.5	99.5	99.7	
2	32.1	86.2	91.5	96.1	96.6	98.1	98.1	98.6	98.7	99.1	99.1	99.1	99.2	99.5	99.5	99.7	
1	30.0	86.2	91.5	96.1	96.6	98.1	98.1	98.6	98.7	99.1	99.1	99.1	99.2	99.5	99.5	99.7	
0	30.0	86.2	91.5	96.1	96.6	98.1	98.1	98.6	98.7	99.1	99.1	99.1	99.2	99.5	99.5	99.7	
	30.0	86.2	91.5	96.1	96.6	98.1	98.1	98.6	98.7	99.1	99.1	99.1	99.2	99.5	99.5	99.7	

TOTAL NUMBER OF OBSERVATIONS 619

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

144530  
STATION

GELA ITALY

STATION NAME

74-83

YEAR

MA

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

-200-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	210	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
4000	18.4	34.7	37.5	39.4	41.0	40.4	40.4	40.7	41.0	41.0	41.0	41.2	41.2	41.2	41.7	41.0
3000	22.0	35.9	42.8	45.3	46.0	46.8	45.6	47.0	47.3	47.3	47.3	47.4	47.4	47.4	47.4	47.4
2000	22.3	40.1	43.1	45.5	46.3	46.9	46.8	47.3	47.6	47.6	47.6	47.6	47.7	47.7	47.7	47.7
1000	22.3	40.1	43.1	45.5	46.3	46.9	46.9	47.3	47.6	47.6	47.6	47.6	47.7	47.7	47.7	47.7
500	23.1	41.3	44.2	46.7	47.4	48.0	48.0	48.5	48.8	48.8	48.8	48.9	48.9	48.9	48.9	48.9
200	28.3	51.1	53.7	56.4	57.5	58.1	58.1	58.5	58.8	58.8	58.8	59.0	59.0	59.0	59.0	59.0
100	31.4	55.9	61.1	63.1	64.4	65.3	65.3	65.7	66.1	66.1	66.1	66.3	66.3	66.3	66.3	66.3
50	31.5	56.4	60.6	63.6	65.0	65.8	65.8	66.3	66.7	66.7	66.7	66.9	66.9	66.9	66.9	66.9
20	31.5	56.4	62.5	63.6	65.0	65.8	65.8	66.3	66.7	66.7	66.7	66.9	66.9	66.9	66.9	66.9
10	31.5	77.4	81.6	94.7	86.0	86.9	86.9	87.3	87.7	87.7	87.7	87.7	87.9	87.9	87.9	87.9
5	31.5	77.4	81.6	94.7	85.0	86.9	86.9	87.3	87.7	87.7	87.7	87.9	87.9	87.9	87.9	87.9
2	31.5	77.7	81.9	85.0	85.3	87.2	87.2	87.6	88.0	88.0	88.0	88.2	88.2	88.2	88.2	88.2
1	32.1	70.0	82.2	85.3	85.6	87.4	87.4	87.9	88.3	88.3	88.3	88.5	88.5	88.5	88.5	88.5
0.5	33.9	81.2	86.0	89.2	90.5	91.4	91.4	91.8	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4
0.25	35.9	84.4	89.3	93.0	94.3	95.2	95.2	95.6	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2
0.15	37.2	86.6	91.7	96.4	97.7	98.7	98.7	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
0.1	37.5	86.9	92.0	96.6	98.0	99.0	99.0	99.4	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0.075	37.5	86.9	92.0	96.6	98.0	99.0	99.0	99.4	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0.05	37.5	86.9	92.0	96.6	98.0	99.0	99.0	99.4	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0.0375	37.5	86.9	92.0	96.6	98.0	99.0	99.0	99.4	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0.025	37.5	86.9	92.0	96.6	98.0	99.0	99.0	99.4	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0.015	37.5	86.9	92.0	96.6	98.0	99.0	99.0	99.4	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0.0075	37.5	86.9	92.0	96.6	98.0	99.0	99.0	99.4	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0.005	37.5	86.9	92.0	96.6	98.0	99.0	99.0	99.4	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0.0025	37.5	86.9	92.0	96.6	98.0	99.0	99.0	99.4	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0.0015	37.5	86.9	92.0	96.6	98.0	99.0	99.0	99.4	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0.00075	37.5	86.9	92.0	96.6	98.0	99.0	99.0	99.4	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 685

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1-653 VELA ITALY

74-87

5A

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1-653-1420

TIME	20	26	31	34	35	37	38	39	41	42	43	44	45	46	47
0000	37.6	40.4	41.0	41.7	41.1	41.1	41.1	41.3	41.3	41.7	41.3	41.3	41.3	41.7	41.3
0100	46.4	49.2	50.1	50.4	50.5	51.5	50.8	51.7	51.3	51.7	51.1	51.1	51.1	51.1	51.1
0200	47.1	49.9	50.0	51.1	51.2	51.2	51.5	51.7	51.7	51.7	51.8	51.8	51.8	51.8	51.8
0300	47.1	49.9	50.8	51.1	51.2	51.7	51.5	51.7	51.7	51.7	51.8	51.8	51.8	51.8	51.8
0400	47.1	49.9	50.8	51.1	51.2	51.7	51.5	51.7	51.7	51.7	51.8	51.8	51.8	51.8	51.8
0500	49.6	52.4	53.3	53.6	53.2	53.9	54.2	54.3	54.3	54.3	54.5	54.5	54.5	54.5	54.5
0600	57.1	60.6	62.1	62.6	62.8	62.8	63.4	63.4	63.6	63.6	63.7	63.7	63.7	63.7	63.7
0700	63.4	67.1	68.9	69.3	69.6	69.6	70.3	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6
0800	64.3	67.7	69.6	70.0	70.3	70.3	71.1	71.2	71.2	71.2	71.4	71.4	71.4	71.4	71.4
0900	64.3	67.7	69.6	70.0	70.3	70.3	71.1	71.2	71.2	71.2	71.4	71.4	71.4	71.4	71.4
1000	64.3	67.7	69.6	70.0	70.3	70.3	71.1	71.2	71.2	71.2	71.4	71.4	71.4	71.4	71.4
1100	79.0	82.7	84.0	85.0	85.3	85.3	86.0	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3
1200	79.7	82.7	84.6	85.0	85.3	85.3	86.0	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3
1300	79.7	82.7	84.6	85.0	85.3	85.3	86.0	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3
1400	83.4	85.3	85.8	86.0	86.0	86.0	86.8	86.9	86.9	86.9	87.1	87.1	87.1	87.1	87.1
1500	82.1	85.9	87.8	88.3	88.5	88.5	89.3	89.4	89.4	89.4	89.6	89.6	89.6	89.6	89.6
1600	85.5	89.6	91.8	92.4	92.7	92.7	93.4	93.5	93.5	93.5	93.7	93.7	93.7	93.7	93.7
1700	89.3	93.8	96.9	97.7	97.9	97.9	98.7	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0
1800	94.3	97.5	98.2	98.5	98.5	98.5	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6
1900	94.3	97.5	98.2	98.5	98.5	98.5	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6
2000	94.3	97.5	98.2	98.5	98.5	98.5	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6
2100	94.3	97.5	98.2	98.5	98.5	98.5	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6
2200	94.3	97.5	98.2	98.5	98.5	98.5	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6
2300	94.3	97.5	98.2	98.5	98.5	98.5	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 681

CENTRAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE / MAC

# CEILING VERSUS VISIBILITY

1943

CELA ITALY

74-83

MA

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

12-1-1720

CEILING FEET	VISIBILITY - STATUTE MILES															
	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	7	8	9	10	11
100	24.2	33.1	40.7	41.3	41.7	41.4	41.4	41.4	41.7	41.7	41.7	41.7	41.7	41.7	42.0	42.0
150	29.7	47.3	48.0	47.6	49.8	49.9	49.9	49.9	50.2	50.2	50.2	50.2	50.2	50.2	50.5	50.5
200	35.0	47.6	49.3	50.2	50.4	50.5	50.5	50.5	50.8	50.8	50.8	50.8	50.8	50.8	51.1	51.1
250	30.0	47.6	49.3	50.2	50.4	50.5	50.5	50.5	50.8	50.8	50.8	50.8	50.8	50.8	51.1	51.1
300	31.2	49.0	50.9	52.0	52.1	52.3	52.3	52.3	52.6	52.6	52.6	52.6	52.6	52.6	52.9	52.9
350	37.6	58.7	61.6	62.2	62.4	62.5	62.5	62.5	63.1	63.1	63.1	63.1	63.1	63.1	63.4	63.4
400	41.2	65.3	68.1	70.1	70.3	70.4	70.4	70.4	70.7	71.0	71.0	71.0	71.0	71.0	71.3	71.3
450	42.2	65.6	68.5	70.7	70.9	71.0	71.0	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.9	71.9
500	42.2	65.6	68.5	70.7	70.9	71.0	71.0	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.9	71.9
550	42.2	65.6	68.5	70.7	70.9	71.0	71.0	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.9	71.9
600	42.2	75.2	82.1	84.3	84.5	84.6	84.6	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.5	85.5
650	42.2	75.2	82.1	84.3	84.5	84.6	84.6	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.5	85.5
700	42.2	75.2	82.1	84.3	84.5	84.6	84.6	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.5	85.5
750	42.2	75.2	82.1	84.3	84.5	84.6	84.6	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.5	85.5
800	42.2	75.2	82.1	84.3	84.5	84.6	84.6	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.5	85.5
850	42.2	75.2	82.1	84.3	84.5	84.6	84.6	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.5	85.5
900	42.2	75.2	82.1	84.3	84.5	84.6	84.6	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.5	85.5
950	42.2	75.2	82.1	84.3	84.5	84.6	84.6	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.5	85.5
1000	42.2	75.2	82.1	84.3	84.5	84.6	84.6	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.5	85.5
1050	42.2	75.2	82.1	84.3	84.5	84.6	84.6	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.5	85.5
1100	42.2	75.2	82.1	84.3	84.5	84.6	84.6	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.5	85.5
1150	42.2	75.2	82.1	84.3	84.5	84.6	84.6	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.5	85.5
1200	42.2	75.2	82.1	84.3	84.5	84.6	84.6	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.5	85.5
1250	42.2	75.2	82.1	84.3	84.5	84.6	84.6	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.5	85.5
1300	42.2	75.2	82.1	84.3	84.5	84.6	84.6	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.5	85.5
1350	42.2	75.2	82.1	84.3	84.5	84.6	84.6	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.5	85.5
1400	42.2	75.2	82.1	84.3	84.5	84.6	84.6	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.5	85.5
1450	42.2	75.2	82.1	84.3	84.5	84.6	84.6	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.5	85.5
1500	42.2	75.2	82.1	84.3	84.5	84.6	84.6	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.5	85.5
1550	42.2	75.2	82.1	84.3	84.5	84.6	84.6	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.5	85.5
1600	42.2	75.2	82.1	84.3	84.5	84.6	84.6	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.5	85.5
1650	42.2	75.2	82.1	84.3	84.5	84.6	84.6	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.5	85.5
1700	42.2	75.2	82.1	84.3	84.5	84.6	84.6	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.5	85.5
1750	42.2	75.2	82.1	84.3	84.5	84.6	84.6	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.5	85.5
1800	42.2	75.2	82.1	84.3	84.5	84.6	84.6	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.5	85.5
1850	42.2	75.2	82.1	84.3	84.5	84.6	84.6	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.5	85.5
1900	42.2	75.2	82.1	84.3	84.5	84.6	84.6	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.5	85.5
1950	42.2	75.2	82.1	84.3	84.5	84.6	84.6	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.5	85.5
2000	42.2	75.2	82.1	84.3	84.5	84.6	84.6	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.5	85.5

TOTAL NUMBER OF OBSERVATIONS 683

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAO

# CEILING VERSUS VISIBILITY

184537 WELA ITALY STATION NAME

74-87 TIME

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

1800-2000

IN BRITISH STATUTE MILES

CEILING	20	24	28	32	36	40	44	48	52	56	60	64	68	72	76	80	84	88	92	96	100
100	19.9	41.2	47.6	43.8	43.9	43.9	43.9	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
90	23.1	48.1	50.1	51.5	51.7	51.7	51.7	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
80	23.1	48.1	50.1	51.5	51.7	51.7	51.7	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
70	23.1	48.1	50.1	51.5	51.7	51.7	51.7	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
60	24.6	52.3	52.3	53.7	54.1	54.1	54.1	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
50	29.7	59.1	61.7	63.3	64.4	64.4	64.4	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
40	34.7	66.9	69.8	72.5	73.6	73.6	73.6	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
30	34.7	67.1	70.0	72.7	73.6	74.0	74.0	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
20	34.7	67.1	70.0	72.7	73.6	74.0	74.0	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
10	34.7	78.5	81.4	84.1	85.0	85.4	85.4	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
0	34.7	78.5	81.4	84.1	85.0	85.4	85.4	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
100	34.9	78.8	81.7	84.4	85.4	85.7	85.7	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
90	38.3	80.7	83.5	86.3	87.2	87.7	87.7	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
80	43.5	86.4	89.7	92.8	93.7	94.2	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
70	42.5	92.2	94.7	97.3	98.2	98.7	98.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
60	42.5	90.2	94.0	97.3	98.2	98.7	98.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
50	42.5	90.2	94.0	97.3	98.2	98.7	98.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
40	42.5	90.2	94.0	97.3	98.2	98.7	98.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
30	42.5	90.2	94.0	97.3	98.2	98.7	98.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
20	42.5	90.2	94.0	97.3	98.2	98.7	98.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
10	42.5	90.2	94.0	97.3	98.2	98.7	98.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
0	42.5	90.2	94.0	97.3	98.2	98.7	98.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 553

GENERAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAAC

# CEILING VERSUS VISIBILITY

144531 UELA ITALY

74-87

MA

## PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

1100-2500

TIME	20	26	31	34	37	40	45	50	55	60	65	70	75	80	85	90	95	100
0000	30.5	58.2	63.7	64.2	64.7	64.5	64.9	65.1	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	66.0	66.0
0100	31.7	62.1	65.7	67.2	67.2	67.5	67.9	68.6	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.5	69.5
0200	31.7	62.1	65.7	67.2	67.2	67.5	67.8	68.6	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.5	69.5
0300	31.7	62.1	65.7	67.2	67.2	67.5	67.8	68.6	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.5	69.5
0400	31.7	62.1	65.7	67.2	67.2	67.5	67.8	68.6	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.5	69.5
0500	32.0	62.7	66.3	67.8	67.8	68.1	68.3	69.2	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	70.1	70.1
0600	34.7	71.3	75.7	77.5	78.1	78.4	78.7	79.9	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.8	80.8
0700	35.4	77.5	82.5	84.6	85.2	85.5	85.8	87.2	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.9	87.9
0800	36.4	77.8	82.9	84.9	85.5	85.8	86.1	87.3	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.2	88.2
0900	36.4	78.1	83.1	85.2	85.8	86.1	86.4	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.5	88.5
1000	36.4	78.1	83.1	85.2	85.8	86.1	86.4	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.5	88.5
1100	36.4	81.4	86.4	88.8	89.3	89.6	89.9	91.1	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	92.0	92.0
1200	36.4	81.4	86.4	88.8	89.3	89.6	89.9	91.1	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	92.0	92.0
1300	36.4	81.4	86.4	88.8	89.3	89.6	89.9	91.1	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	92.0	92.0
1400	36.4	81.4	86.4	88.8	89.3	89.6	89.9	91.1	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	92.0	92.0
1500	36.4	81.4	86.4	88.8	89.3	89.6	89.9	91.1	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	92.0	92.0
1600	36.4	81.4	86.4	88.8	89.3	89.6	89.9	91.1	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	92.0	92.0
1700	36.4	81.4	86.4	88.8	89.3	89.6	89.9	91.1	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	92.0	92.0
1800	36.4	81.4	86.4	88.8	89.3	89.6	89.9	91.1	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	92.0	92.0
1900	36.4	81.4	86.4	88.8	89.3	89.6	89.9	91.1	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	92.0	92.0
2000	36.4	81.4	86.4	88.8	89.3	89.6	89.9	91.1	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	92.0	92.0
2100	36.4	81.4	86.4	88.8	89.3	89.6	89.9	91.1	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	92.0	92.0
2200	36.4	81.4	86.4	88.8	89.3	89.6	89.9	91.1	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	92.0	92.0
2300	36.4	81.4	86.4	88.8	89.3	89.6	89.9	91.1	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	92.0	92.0
2400	36.4	81.4	86.4	88.8	89.3	89.6	89.9	91.1	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	92.0	92.0
2500	36.4	81.4	86.4	88.8	89.3	89.6	89.9	91.1	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	92.0	92.0
2600	36.4	81.4	86.4	88.8	89.3	89.6	89.9	91.1	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	92.0	92.0
2700	36.4	81.4	86.4	88.8	89.3	89.6	89.9	91.1	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	92.0	92.0
2800	36.4	81.4	86.4	88.8	89.3	89.6	89.9	91.1	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	92.0	92.0
2900	36.4	81.4	86.4	88.8	89.3	89.6	89.9	91.1	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	92.0	92.0
3000	36.4	81.4	86.4	88.8	89.3	89.6	89.9	91.1	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	92.0	92.0

TOTAL NUMBER OF OBSERVATIONS 330

USAF ETAC 0-14-5 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
ETAC  
AIR WEATHER SERVICE/AMC

# CEILING VERSUS VISIBILITY

1. REPORT NO. 1754-82 1754-82

## PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

USBLM (LAT/LONG)

26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
21.7	41.4	42.4	44.1	44.4	45.5	45.7	45.7	45.4	45.7	45.5	45.5	45.5	45.5	45.7	45.7	45.7	45.7	45.7	45.7
24.2	45.7	48.2	48.2	50.3	51.2	51.2	51.4	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
24.4	45.7	48.4	50.2	50.6	51.2	51.2	51.7	51.8	51.9	51.9	51.9	52.0	52.0	52.1	52.1	52.1	52.1	52.1	52.1
24.4	45.9	48.4	50.2	50.6	51.2	51.2	51.7	51.8	51.9	51.9	51.9	52.0	52.0	52.1	52.1	52.1	52.1	52.1	52.1
24.2	47.2	47.7	51.6	52.5	52.6	52.7	53.1	53.3	53.3	53.3	53.3	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5
27.1	55.4	59.5	61.9	61.4	62.1	62.2	62.7	62.9	63.0	63.0	63.0	63.0	63.1	63.1	63.2	63.2	63.2	63.2	63.2
33.2	62.4	66.1	68.7	69.4	70.2	70.3	71.0	71.1	71.2	71.2	71.2	71.2	71.3	71.4	71.4	71.4	71.4	71.4	71.4
34.1	62.7	66.4	69.1	69.8	70.0	70.5	71.3	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
34.2	62.7	66.4	69.1	69.8	70.6	70.7	71.3	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
34.1	62.7	66.4	69.1	69.8	70.6	70.7	71.3	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
34.1	70.3	81.3	84.5	85.2	86.0	86.1	86.7	86.9	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
34.2	70.3	82.3	84.7	85.4	86.2	86.3	86.9	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
34.3	70.4	82.1	84.9	85.5	86.4	86.4	87.0	87.2	87.3	87.3	87.3	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5
36.2	81.3	85.2	88.0	88.6	89.5	89.6	90.2	90.4	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
38.5	85.2	89.3	92.5	93.1	94.0	94.1	94.7	94.9	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
40.1	88.3	92.3	96.5	97.3	98.2	98.2	99.0	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5
40.2	88.5	92.0	96.6	97.4	98.4	98.4	99.2	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
40.2	88.5	93.3	96.7	97.5	98.4	98.5	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
40.2	88.5	93.0	96.7	97.5	98.4	98.5	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
40.2	88.5	92.0	96.7	97.5	98.5	98.5	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
40.2	88.5	93.0	96.7	97.5	98.5	98.5	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
40.2	88.5	93.0	96.7	97.5	98.5	98.5	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
40.2	88.5	93.0	96.7	97.5	98.5	98.5	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
40.2	88.5	93.0	96.7	97.5	98.5	98.5	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
40.2	88.5	93.0	96.7	97.5	98.5	98.5	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
40.2	88.5	93.0	96.7	97.5	98.5	98.5	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
40.2	88.5	93.0	96.7	97.5	98.5	98.5	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 4000

CENTRAL CLIMATOLOGY BRANCH  
 WAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1400

SELA ITALY

74-87

461

## PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

1200-2100

VISIBILITY (FEET)	CEILING (FEET)																			
	0	100	200	300	400	500	600	700	800	900										
0-50	83.3	62.6	65.7	69.4	69.8	70.9	71.9	71.7	71.7	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
50-100	80.4	64.9	67.9	71.7	72.1	73.2	73.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
100-200	82.4	64.9	67.9	71.7	72.1	73.2	73.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
200-300	82.4	64.9	67.9	71.7	72.1	73.2	73.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
300-400	82.4	64.9	67.9	71.7	72.1	73.2	73.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
400-500	83.3	66.8	69.8	73.3	74.2	75.1	75.1	75.2	75.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
500-600	84.2	72.6	83.4	87.5	88.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
600-700	84.2	80.0	84.2	87.9	88.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
700-800	84.2	80.0	84.2	87.9	88.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
800-900	84.2	80.0	84.2	87.9	88.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
900-1000	84.2	82.6	86.8	90.6	91.3	92.5	92.5	93.2	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
1000-1200	84.2	82.6	86.8	90.6	91.3	92.5	92.5	93.2	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
1200-1400	84.2	82.6	86.8	90.6	91.3	92.5	92.5	93.2	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
1400-1600	84.2	82.6	86.8	90.6	91.3	92.5	92.5	93.2	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
1600-1800	84.2	82.6	86.8	90.6	91.3	92.5	92.5	93.2	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
1800-2000	84.2	82.6	86.8	90.6	91.3	92.5	92.5	93.2	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
2000-2500	84.2	82.6	86.8	90.6	91.3	92.5	92.5	93.2	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
2500-3000	84.2	82.6	86.8	90.6	91.3	92.5	92.5	93.2	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
3000-3500	84.2	82.6	86.8	90.6	91.3	92.5	92.5	93.2	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
3500-4000	84.2	82.6	86.8	90.6	91.3	92.5	92.5	93.2	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
4000-4500	84.2	82.6	86.8	90.6	91.3	92.5	92.5	93.2	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
4500-5000	84.2	82.6	86.8	90.6	91.3	92.5	92.5	93.2	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
5000-5500	84.2	82.6	86.8	90.6	91.3	92.5	92.5	93.2	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
5500-6000	84.2	82.6	86.8	90.6	91.3	92.5	92.5	93.2	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
6000-6500	84.2	82.6	86.8	90.6	91.3	92.5	92.5	93.2	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
6500-7000	84.2	82.6	86.8	90.6	91.3	92.5	92.5	93.2	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
7000-7500	84.2	82.6	86.8	90.6	91.3	92.5	92.5	93.2	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
7500-8000	84.2	82.6	86.8	90.6	91.3	92.5	92.5	93.2	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
8000-8500	84.2	82.6	86.8	90.6	91.3	92.5	92.5	93.2	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
8500-9000	84.2	82.6	86.8	90.6	91.3	92.5	92.5	93.2	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
9000-9500	84.2	82.6	86.8	90.6	91.3	92.5	92.5	93.2	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
9500-10000	84.2	82.6	86.8	90.6	91.3	92.5	92.5	93.2	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6

TOTAL NUMBER OF OBSERVATIONS 55



FEDERAL BUREAU OF SURVEY  
 METEOROLOGICAL SERVICE  
 WASHINGTON, D. C.

# CEILING VERSUS VISIBILITY

1947

CELESTIAL

74-17

## PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

CEILING	1000	900	800	700	600	500	400	300	200	100	0
1000	14.2	31.2	36.5	47.2	31.1	31.4	31.4	39.5	31.7	31.2	29.1
900	14.2	34.4	37.7	41.5	42.4	42.7	42.7	42.7	42.7	43.1	42.7
800	16.2	34.4	37.7	41.5	42.4	42.7	42.7	42.7	42.7	42.7	42.7
700	16.2	34.4	37.7	41.5	42.4	42.7	42.7	42.7	42.7	42.7	42.7
600	16.2	34.4	37.7	41.5	42.4	42.7	42.7	42.7	42.7	42.7	42.7
500	16.2	34.4	37.7	41.5	42.4	42.7	42.7	42.7	42.7	42.7	42.7
400	23.7	41.5	41.5	50.2	51.1	1.4	51.4	51.7	50.2	52.2	52.2
300	24.2	47.8	53.2	57.6	57.6	59.3	59.3	60.7	60.7	61.1	61.1
200	24.2	47.8	53.2	57.6	57.6	59.3	59.3	60.7	60.7	61.1	61.1
100	24.2	47.8	53.2	57.6	57.6	59.3	59.3	60.7	60.7	61.1	61.1
0	24.2	47.8	53.2	57.6	57.6	59.3	59.3	60.7	60.7	61.1	61.1

TOTAL NUMBER OF OBSERVATIONS

TABLE 1. PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY

U.S. AIR FORCE  
 WEATHER SERVICE/AFAC

# CEILING VERSUS VISIBILITY

14-57000-101A (11-61)

74-27

## PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

FORM 11-61

CEILING	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
10	13.7	34.9	37.0	39.9	40.5	40.3	40.2	40.3	40.3	40.9	41.1	41.1	41.4	41.4	41.4	41.4	41.4	41.4	41.4
15	22.4	37.9	43.0	46.0	46.6	47.0	47.0	47.0	47.0	47.2	47.3	47.3	47.6	47.6	47.6	47.6	47.6	47.6	47.6
20	22.4	37.9	43.0	46.0	46.6	47.0	47.0	47.0	47.0	47.2	47.3	47.3	47.6	47.6	47.6	47.6	47.6	47.6	47.6
25	22.4	37.9	43.0	46.0	46.6	47.0	47.0	47.0	47.0	47.2	47.3	47.3	47.6	47.6	47.6	47.6	47.6	47.6	47.6
30	22.4	37.9	43.0	46.0	46.6	47.0	47.0	47.0	47.0	47.2	47.3	47.3	47.6	47.6	47.6	47.6	47.6	47.6	47.6
35	27.3	42.1	57.4	58.7	57.4	58.2	58.2	58.2	58.2	58.3	58.5	58.5	58.8	58.8	58.8	58.8	58.8	58.8	58.8
40	51.2	58.2	61.1	64.4	65.3	66.3	66.3	66.3	66.3	66.5	66.6	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8
45	61.3	65.3	61.1	64.5	65.4	66.5	66.5	66.5	66.5	66.6	66.6	66.6	66.8	66.8	67.1	67.1	67.1	67.1	67.1
50	61.3	65.3	61.1	64.5	65.4	66.5	66.5	66.5	66.5	66.6	66.6	66.6	66.8	66.8	67.1	67.1	67.1	67.1	67.1
55	71.3	65.3	61.1	64.5	65.4	66.5	66.5	66.5	66.5	66.6	66.6	66.6	66.8	66.8	67.1	67.1	67.1	67.1	67.1
60	81.3	77.3	85.8	89.3	89.9	90.9	91.2	91.2	91.2	91.1	91.2	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5
65	81.3	81.1	85.8	89.3	90.2	91.2	91.2	91.2	91.2	91.4	91.5	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8
70	81.6	81.4	86.7	89.6	90.5	91.5	91.5	91.5	91.5	91.7	91.8	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1
75	83.2	82.6	83.4	92.2	92.9	93.9	93.9	93.9	93.9	94.1	94.2	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5
80	84.3	84.1	89.7	93.5	94.5	95.7	95.7	95.7	95.7	95.8	96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3
85	92.2	86.6	92.7	96.7	97.9	99.1	99.1	99.1	99.1	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
90	92.4	86.6	92.7	96.7	97.9	99.1	99.1	99.3	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
95	92.4	86.6	92.7	96.7	97.9	99.1	99.1	99.3	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
100	92.4	86.6	92.7	96.7	97.9	99.1	99.1	99.3	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 674

FEDERAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

104430

SELA ITALY

74-87

AP

## PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

12-2-1968

CEILING (FEET)	20	26	31	34	37	41	47	50	59	67	70	77	82	85	88	91	95	98	99
20	23.4	31.5	40.2	41.4	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
26	27.0	44.4	47.8	49.5	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
31	27.1	44.6	48.1	49.3	51.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
34	27.1	44.6	48.1	49.3	51.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
37	27.4	45.0	48.7	50.4	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
41	33.1	54.2	58.4	61.4	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
47	38.2	63.0	67.5	69.6	71.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
50	38.2	63.0	67.5	69.6	71.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
59	38.2	63.0	67.5	69.6	71.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
67	38.2	63.0	67.5	69.6	71.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
70	38.2	63.0	67.5	69.6	71.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
77	38.2	63.0	67.5	69.6	71.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
82	38.2	63.0	67.5	69.6	71.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
85	38.2	63.0	67.5	69.6	71.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
88	38.2	63.0	67.5	69.6	71.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
91	38.2	63.0	67.5	69.6	71.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
95	38.2	63.0	67.5	69.6	71.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
98	38.2	63.0	67.5	69.6	71.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
99	38.2	63.0	67.5	69.6	71.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5

TOTAL NUMBER OF OBSERVATIONS 671

# CEILING VERSUS VISIBILITY

144530

CELA ITALY

STATION NAME

74-87

AR

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

VISIBILITY IN STATUTE MILES

CEILING FEET	20	26	31	34	37	40	43	47	50	54	60	66	72	80	90	100
200	28.6	39.3	47.0	41.8	41.8	42.0	42.0	42.0	42.0	42.0	42.1	42.1	42.1	42.1	42.1	42.1
250	31.2	46.4	49.7	50.3	50.6	50.7	50.7	50.7	50.7	50.7	51.0	51.0	51.0	51.0	51.0	51.0
300	31.7	46.8	49.7	50.7	51.0	51.1	51.1	51.1	51.1	51.1	51.4	51.4	51.4	51.4	51.4	51.4
350	31.7	46.8	49.7	50.7	51.0	51.1	51.1	51.1	51.1	51.1	51.4	51.4	51.4	51.4	51.4	51.4
400	31.7	46.8	49.7	50.7	51.0	51.1	51.1	51.1	51.1	51.1	51.4	51.4	51.4	51.4	51.4	51.4
450	31.3	47.3	50.3	51.3	51.6	51.7	51.7	51.7	51.7	51.7	52.0	52.0	52.0	52.0	52.0	52.0
500	37.5	56.4	61.6	62.3	62.6	62.8	62.8	62.8	62.8	62.8	63.0	63.0	63.0	63.0	63.0	63.0
550	42.1	62.2	67.3	69.8	70.3	70.5	70.5	70.5	70.5	70.5	70.8	70.8	70.8	70.8	70.8	70.8
600	42.1	62.2	67.3	69.8	70.3	70.5	70.5	70.5	70.5	70.5	70.8	70.8	70.8	70.8	70.8	70.8
650	42.1	62.2	67.3	69.8	70.3	70.5	70.5	70.5	70.5	70.5	70.8	70.8	70.8	70.8	70.8	70.8
700	42.1	62.2	67.3	69.8	70.3	70.5	70.5	70.5	70.5	70.5	70.8	70.8	70.8	70.8	70.8	70.8
750	42.1	62.2	67.3	69.8	70.3	70.5	70.5	70.5	70.5	70.5	70.8	70.8	70.8	70.8	70.8	70.8
800	42.1	62.2	67.3	69.8	70.3	70.5	70.5	70.5	70.5	70.5	70.8	70.8	70.8	70.8	70.8	70.8
850	42.1	62.2	67.3	69.8	70.3	70.5	70.5	70.5	70.5	70.5	70.8	70.8	70.8	70.8	70.8	70.8
900	42.1	62.2	67.3	69.8	70.3	70.5	70.5	70.5	70.5	70.5	70.8	70.8	70.8	70.8	70.8	70.8
950	42.1	62.2	67.3	69.8	70.3	70.5	70.5	70.5	70.5	70.5	70.8	70.8	70.8	70.8	70.8	70.8
1000	42.1	62.2	67.3	69.8	70.3	70.5	70.5	70.5	70.5	70.5	70.8	70.8	70.8	70.8	70.8	70.8
1050	42.1	62.2	67.3	69.8	70.3	70.5	70.5	70.5	70.5	70.5	70.8	70.8	70.8	70.8	70.8	70.8
1100	42.1	62.2	67.3	69.8	70.3	70.5	70.5	70.5	70.5	70.5	70.8	70.8	70.8	70.8	70.8	70.8
1150	42.1	62.2	67.3	69.8	70.3	70.5	70.5	70.5	70.5	70.5	70.8	70.8	70.8	70.8	70.8	70.8
1200	42.1	62.2	67.3	69.8	70.3	70.5	70.5	70.5	70.5	70.5	70.8	70.8	70.8	70.8	70.8	70.8
1250	42.1	62.2	67.3	69.8	70.3	70.5	70.5	70.5	70.5	70.5	70.8	70.8	70.8	70.8	70.8	70.8
1300	42.1	62.2	67.3	69.8	70.3	70.5	70.5	70.5	70.5	70.5	70.8	70.8	70.8	70.8	70.8	70.8
1350	42.1	62.2	67.3	69.8	70.3	70.5	70.5	70.5	70.5	70.5	70.8	70.8	70.8	70.8	70.8	70.8
1400	42.1	62.2	67.3	69.8	70.3	70.5	70.5	70.5	70.5	70.5	70.8	70.8	70.8	70.8	70.8	70.8
1450	42.1	62.2	67.3	69.8	70.3	70.5	70.5	70.5	70.5	70.5	70.8	70.8	70.8	70.8	70.8	70.8
1500	42.1	62.2	67.3	69.8	70.3	70.5	70.5	70.5	70.5	70.5	70.8	70.8	70.8	70.8	70.8	70.8
1550	42.1	62.2	67.3	69.8	70.3	70.5	70.5	70.5	70.5	70.5	70.8	70.8	70.8	70.8	70.8	70.8
1600	42.1	62.2	67.3	69.8	70.3	70.5	70.5	70.5	70.5	70.5	70.8	70.8	70.8	70.8	70.8	70.8
1650	42.1	62.2	67.3	69.8	70.3	70.5	70.5	70.5	70.5	70.5	70.8	70.8	70.8	70.8	70.8	70.8
1700	42.1	62.2	67.3	69.8	70.3	70.5	70.5	70.5	70.5	70.5	70.8	70.8	70.8	70.8	70.8	70.8

TOTAL NUMBER OF OBSERVATIONS 698





GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

144530 SELA ITALY

74-83

APC

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

130-2300

CEILING FEET	VISIBILITY - STATUTE MILES															
	210	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
10000	32.4	60.9	65.1	58.1	63.8	66.8	68.8	68.8	68.8	68.5	66.8	68.8	68.8	69.1	69.1	69.1
8000	33.5	63.8	68.8	72.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	73.0	73.0	73.0
6000	33.5	63.8	68.8	72.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	73.0	73.0	73.0
4000	33.5	63.8	68.8	72.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	73.0	73.0	73.0
2000	34.9	65.5	70.4	73.7	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.7	74.7	74.7
1000	37.2	72.4	77.6	81.3	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.2	83.2	83.2
500	39.3	78.9	84.5	88.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.8	90.8	90.8
300	39.8	79.3	84.9	88.8	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	91.1	91.1	91.1
200	39.8	79.3	84.9	88.8	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	91.1	91.1	91.1
100	39.8	79.3	84.9	88.8	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	91.1	91.1	91.1
50	39.8	83.2	88.8	92.8	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	95.1	95.1	95.1
30	39.8	83.2	88.8	92.8	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	95.1	95.1	95.1
20	39.8	83.2	88.8	92.8	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	95.1	95.1	95.1
10	40.1	84.5	90.5	94.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.7	96.7	96.7
5	41.1	85.5	91.4	95.4	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.7	97.7	97.7
3	41.4	87.2	93.1	97.4	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0
2	41.4	87.2	93.1	97.4	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0
1	41.4	87.2	93.1	97.4	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0
0	41.4	87.2	93.1	97.4	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1300

GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

164530

GELA ITALY

74-83

AF

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEILING	≥ 20	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0
1000	22.7	41.1	43.7	45.8	46.3	46.6	46.6	46.7	46.7	46.8	46.8	46.9	47.0	47.1	47.1	47.1	47.1	47.1	47.1
900	25.2	45.7	49.1	51.6	52.1	52.5	52.5	52.6	52.7	52.8	52.9	52.9	53.0	53.1	53.1	53.1	53.1	53.1	53.1
800	25.3	45.9	49.3	51.8	52.3	52.7	52.7	52.8	52.9	53.0	53.1	53.1	53.2	53.2	53.3	53.3	53.3	53.3	53.3
700	25.3	45.9	49.3	51.8	52.3	52.7	52.7	52.8	52.9	53.0	53.1	53.1	53.2	53.2	53.3	53.3	53.3	53.3	53.3
600	25.8	46.7	50.2	52.7	53.2	53.6	53.6	53.7	53.8	53.9	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2
500	31.7	55.0	59.3	62.1	62.9	63.3	63.3	63.4	63.4	63.5	63.7	63.7	63.8	63.8	63.9	63.9	63.9	63.9	63.9
400	34.2	61.5	66.3	69.4	70.4	70.9	70.9	71.1	71.1	71.3	71.4	71.4	71.5	71.6	71.6	71.6	71.6	71.6	71.6
300	34.4	61.8	66.6	69.8	70.7	71.3	71.3	71.4	71.4	71.6	71.7	71.7	71.8	71.8	71.9	71.9	71.9	71.9	71.9
200	34.4	61.8	66.6	69.8	70.7	71.3	71.3	71.4	71.4	71.6	71.7	71.7	71.8	71.8	71.9	71.9	71.9	71.9	71.9
100	34.4	61.8	66.6	69.8	70.7	71.3	71.3	71.4	71.4	71.6	71.7	71.7	71.8	71.8	71.9	71.9	71.9	71.9	71.9
50	34.4	61.8	66.6	69.8	70.7	71.3	71.3	71.4	71.4	71.6	71.7	71.7	71.8	71.8	71.9	71.9	71.9	71.9	71.9
20	34.4	61.8	66.6	69.8	70.7	71.3	71.3	71.4	71.4	71.6	71.7	71.7	71.8	71.8	71.9	71.9	71.9	71.9	71.9
10	34.4	61.8	66.6	69.8	70.7	71.3	71.3	71.4	71.4	71.6	71.7	71.7	71.8	71.8	71.9	71.9	71.9	71.9	71.9
5	34.4	61.8	66.6	69.8	70.7	71.3	71.3	71.4	71.4	71.6	71.7	71.7	71.8	71.8	71.9	71.9	71.9	71.9	71.9
0	34.4	61.8	66.6	69.8	70.7	71.3	71.3	71.4	71.4	71.6	71.7	71.7	71.8	71.8	71.9	71.9	71.9	71.9	71.9
1000	34.5	61.1	65.9	69.1	70.1	70.6	70.6	70.7	70.8	70.9	71.0	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.2
900	34.6	61.3	66.1	69.3	70.3	70.8	70.8	71.0	71.0	71.1	71.1	71.1	71.3	71.3	71.4	71.4	71.4	71.4	71.4
800	34.5	61.0	65.8	69.0	70.0	70.5	70.5	70.6	70.7	70.8	70.9	70.9	71.0	71.0	71.1	71.1	71.1	71.1	71.1
700	34.5	61.1	65.9	69.1	70.1	70.6	70.6	70.7	70.8	70.9	71.0	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.2
600	34.6	61.3	66.1	69.3	70.3	70.8	70.8	71.0	71.0	71.1	71.1	71.1	71.3	71.3	71.4	71.4	71.4	71.4	71.4
500	36.5	64.0	68.9	72.1	73.2	73.8	73.8	73.9	74.0	74.1	74.3	74.3	74.4	74.4	74.5	74.5	74.5	74.5	74.5
400	37.4	65.4	70.6	73.9	75.0	75.6	75.6	75.8	75.8	76.0	76.1	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.3
300	37.7	67.8	73.2	76.9	78.1	78.7	78.7	78.9	79.0	79.1	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4
200	37.8	67.9	73.4	77.1	78.3	78.9	78.9	79.1	79.1	79.3	79.4	79.4	79.5	79.5	79.6	79.6	79.6	79.6	79.6
100	38.8	78.0	83.5	87.2	88.4	89.0	89.0	89.3	89.3	89.4	89.4	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7
50	38.8	78.0	83.5	87.2	88.4	89.1	89.1	89.4	89.4	89.5	89.5	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8
20	38.8	78.0	83.5	87.2	88.4	89.1	89.1	89.4	89.4	89.5	89.5	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8
10	38.8	78.0	83.5	87.2	88.4	89.1	89.1	89.4	89.4	89.5	89.5	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8
5	38.8	78.0	83.5	87.2	88.4	89.1	89.1	89.4	89.4	89.5	89.5	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8
0	38.8	78.0	83.5	87.2	88.4	89.1	89.1	89.4	89.4	89.5	89.5	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8

TOTAL NUMBER OF OBSERVATIONS 4202

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR FATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14530

VELA ITALY

STATION NAME

74-83

YEAR

MAY

## PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

1959-05-05

CEILING FEET	VISIBILITY STATISTICS															
	30	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
20000	28.5	63.4	74.7	78.7	79.4	79.8	87.7	90.2	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
15000	29.5	70.8	76.7	81.0	81.8	82.2	82.6	82.6	83.7	83.4	83.4	83.4	83.4	83.4	83.4	83.4
10000	29.5	70.8	76.7	81.0	81.8	82.2	82.6	82.6	83.7	83.4	83.4	83.4	83.4	83.4	83.4	83.4
7500	29.6	70.8	76.7	81.0	81.8	82.2	82.6	82.6	83.7	83.4	83.4	83.4	83.4	83.4	83.4	83.4
5000	30.0	71.1	77.1	81.4	82.2	82.6	83.0	83.0	83.4	83.8	83.8	83.8	83.8	83.8	83.8	83.8
3000	31.6	77.1	83.4	88.1	88.9	89.7	90.1	90.1	90.5	90.9	90.9	90.9	90.9	90.9	90.9	90.9
2000	32.4	79.8	86.6	91.3	92.1	92.9	93.3	93.3	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1
1500	32.4	80.2	87.0	91.7	92.5	93.3	93.7	93.7	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5
1000	32.4	80.2	87.0	91.7	92.5	93.3	93.7	93.7	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5
750	32.4	80.2	87.0	91.7	92.5	93.3	93.7	93.7	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5
500	32.4	80.2	87.0	91.7	92.5	93.3	93.7	93.7	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5
300	32.4	80.6	87.4	92.1	92.9	93.7	94.1	94.1	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9
200	32.4	80.6	87.4	92.1	92.9	93.7	94.1	94.1	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9
150	32.4	81.4	88.1	92.9	93.7	94.5	94.9	94.9	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7
100	32.8	83.8	90.5	95.3	96.0	96.8	97.2	97.2	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0
75	33.6	85.0	92.1	96.8	97.6	98.4	98.8	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
50	33.6	85.0	92.1	96.8	97.6	98.4	98.8	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
30	33.6	85.0	92.1	96.8	97.6	98.4	98.8	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
20	33.6	85.0	92.1	96.8	97.6	98.4	98.8	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
15	33.6	85.0	92.1	96.8	97.6	98.4	98.8	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
10	33.6	85.0	92.1	96.8	97.6	98.4	98.8	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
7.5	33.6	85.0	92.1	96.8	97.6	98.4	98.8	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
5	33.6	85.0	92.1	96.8	97.6	98.4	98.8	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
3	33.6	85.0	92.1	96.8	97.6	98.4	98.8	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
2.5	33.6	85.0	92.1	96.8	97.6	98.4	98.8	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
2	33.6	85.0	92.1	96.8	97.6	98.4	98.8	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
1.5	33.6	85.0	92.1	96.8	97.6	98.4	98.8	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
1	33.6	85.0	92.1	96.8	97.6	98.4	98.8	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
0.75	33.6	85.0	92.1	96.8	97.6	98.4	98.8	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
0.5	33.6	85.0	92.1	96.8	97.6	98.4	98.8	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
0.25	33.6	85.0	92.1	96.8	97.6	98.4	98.8	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
0.1	33.6	85.0	92.1	96.8	97.6	98.4	98.8	98.8	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 253

GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14-30 05LA ITALY 74-83 DAY

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

CEILING	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
2000	21.7	46.7	57.7	53.2	54.2	54.4	54.4	54.4	54.2	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
1800	22.7	47.7	52.2	54.2	55.1	56.2	56.5	56.5	57.2	57.2	57.5	57.5	57.5	57.5	57.5	57.5	57.5
1600	22.7	47.7	52.6	55.1	55.3	56.2	56.2	56.2	57.2	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7
1400	22.7	47.7	52.6	55.1	55.3	56.0	56.2	56.2	57.2	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7
1200	26.4	55.4	61.7	63.0	65.2	65.7	65.7	65.7	66.4	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8
1000	26.3	59.3	65.7	68.5	70.1	70.6	70.6	70.6	71.5	71.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0
800	29.3	59.3	65.7	68.5	70.1	70.6	70.6	70.6	71.5	71.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0
600	28.7	83.2	89.5	92.3	93.9	94.4	94.4	94.4	95.7	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8
400	29.3	83.2	89.5	92.3	93.9	94.4	94.4	94.4	95.7	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8
200	29.7	93.9	97.2	93.0	94.6	95.1	95.1	95.1	96.0	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5
100	30.1	96.4	93.2	96.0	93.1	98.6	93.6	98.6	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
50	37.1	96.4	93.2	96.0	98.1	98.6	98.6	98.6	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
25	30.1	96.4	93.2	96.0	98.1	98.6	98.6	98.6	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
15	30.1	96.4	93.2	96.0	98.1	98.6	98.6	98.6	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
10	30.1	96.4	93.2	96.0	98.1	98.6	98.6	98.6	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
5	30.1	96.4	93.2	96.0	98.1	98.6	98.6	98.6	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	30.1	96.4	93.2	96.0	98.1	98.6	98.6	98.6	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 428





# CEILING VERSUS VISIBILITY

1953

ELA ITALY

14-67

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

199-100

1000 FT	2000 FT	3000 FT	4000 FT	5000 FT	6000 FT	7000 FT	8000 FT	9000 FT	10000 FT	11000 FT	12000 FT	13000 FT	14000 FT	15000 FT	16000 FT	17000 FT	18000 FT	19000 FT	20000 FT
22.7	42.0	44.9	44.8	49.2	49.6	47.6	49.8	49.9	49.4	49.4	49.3	47.3	49.2	49.2	49.4				
24.7	46.4	51.6	54.1	55.1	55.5	55.5	55.5	55.1	55.6	55.6	55.6	55.6	55.6	55.2	55.6				
24.7	46.5	51.8	54.7	55.1	55.6	55.6	55.6	55.4	55.8	55.8	55.8	55.8	55.8	55.4	55.8				
24.7	46.5	51.8	54.7	55.1	55.6	55.6	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.4	55.8				
24.7	46.5	51.8	54.7	55.1	55.6	55.6	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.4	55.8				
24.7	47.2	52.4	55.3	55.8	56.2	55.2	56.2	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4				
28.3	54.1	59.9	63.7	64.2	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8				
28.3	52.6	53.6	67.7	68.4	68.3	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2				
27.3	57.6	63.6	67.7	68.4	68.8	68.8	68.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1				
27.3	57.6	63.6	67.7	68.4	68.8	68.8	68.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1				
27.3	57.6	63.6	67.7	68.4	68.8	68.8	68.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1				
30.3	84.3	92.3	94.2	95.1	95.5	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7				
30.3	84.3	92.3	94.2	95.1	95.5	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7				
30.3	84.3	92.3	94.2	95.1	95.5	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7				
30.7	84.8	92.8	94.9	95.5	96.0	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2				
31.1	85.3	91.2	95.4	96.2	96.3	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8				
32.4	87.1	93.1	97.2	97.8	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5				
33.2	88.3	94.5	98.8	99.4	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8				
33.2	88.3	94.5	98.8	99.4	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8				
33.2	88.3	94.5	98.8	99.4	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8				
33.2	88.3	94.5	98.8	99.4	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8				
33.2	88.3	94.5	98.8	99.4	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8				
33.2	88.3	94.5	98.8	99.4	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8				
33.2	88.3	94.5	98.8	99.4	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8				
33.2	88.3	94.5	98.8	99.4	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8				
33.2	88.3	94.5	98.8	99.4	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8				
33.2	88.3	94.5	98.8	99.4	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8				

TOTAL NUMBER OF OBSERVATIONS 451

GENERAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1-4830 OFLA ITALY 74-87

## PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

CEILING	20	26	32	38	44	50	56	62	68	74	80	86	92	98	100
1000	24.4	45.2	47.4	37.0	51.3	50.3	50.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
900	27.4	50.6	54.8	56.6	57.3	57.7	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
800	27.4	50.6	54.8	56.6	57.3	57.7	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
700	27.4	50.6	54.8	56.6	57.3	57.7	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
600	27.4	50.6	54.8	56.6	57.3	57.7	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
500	27.4	51.7	55.0	58.2	58.6	59.1	59.1	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
400	32.4	60.2	65.2	68.6	69.2	69.7	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
300	32.4	60.2	65.2	68.6	69.2	69.7	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
200	32.4	60.2	65.2	68.6	69.2	69.7	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
100	32.4	60.2	65.2	68.6	69.2	69.7	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
0	32.4	60.2	65.2	68.6	69.2	69.7	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
1000	32.6	65.6	92.5	93.3	93.9	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
900	32.6	65.6	92.5	93.3	93.9	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
800	32.6	65.6	92.5	93.3	93.9	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
700	32.6	65.6	92.5	93.3	93.9	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
600	32.6	65.6	92.5	93.3	93.9	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
500	32.6	65.6	92.5	93.3	93.9	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
400	32.6	65.6	92.5	93.3	93.9	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
300	32.6	65.6	92.5	93.3	93.9	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
200	32.6	65.6	92.5	93.3	93.9	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
100	32.6	65.6	92.5	93.3	93.9	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
0	32.6	65.6	92.5	93.3	93.9	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
1000	33.7	89.7	94.8	98.6	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
900	35.0	89.7	94.8	98.6	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
800	35.0	89.7	94.8	98.6	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
700	35.0	89.7	94.8	98.6	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
600	35.0	89.7	94.8	98.6	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
500	35.0	89.7	94.8	98.6	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
400	35.0	89.7	94.8	98.6	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
300	35.0	89.7	94.8	98.6	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
200	35.0	89.7	94.8	98.6	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
100	35.0	89.7	94.8	98.6	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
0	35.0	89.7	94.8	98.6	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 45



CENTRAL CLIMATOLOGY BRANCH  
WAFSC/AFAC  
AIR WEATHER SERVICE/AFAC

# CEILING VERSUS VISIBILITY

1-5-50

VILLA ITALY

74-83

## PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

44-7-50

CEILING (ft)	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
24.5	46.7	53.7	55.7	56.0	55.9	55.9	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
24.2	54.1	58.3	61.1	61.1	62.2	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
27.3	54.5	59.7	61.4	61.4	62.5	62.7	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
27.2	54.5	59.7	61.4	61.4	62.5	62.5	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
27.7	54.5	59.7	61.4	61.4	62.5	62.7	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
27.6	59.2	59.4	62.3	62.3	63.4	63.4	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
29.3	61.7	65.3	68.2	68.2	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
32.2	63.1	67.8	71.3	71.3	72.4	72.4	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
32.9	63.1	67.8	71.3	71.3	72.4	72.4	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
33.7	63.1	67.8	71.3	71.3	72.4	72.4	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
33.2	85.4	92.1	93.6	93.6	94.7	94.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
31.7	85.4	92.1	93.6	93.6	94.7	94.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
21.3	85.7	92.5	94.0	94.0	95.1	95.1	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
31.3	85.9	92.7	94.1	94.1	95.2	95.2	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
21.4	87.2	92.1	95.4	95.4	96.5	96.5	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
32.5	89.4	94.1	97.6	97.6	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
32.7	89.8	94.7	98.2	98.2	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
32.2	89.8	94.7	98.2	98.2	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
32.3	89.9	94.9	98.4	98.4	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
32.7	89.9	94.9	98.4	98.4	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
32.2	89.9	94.9	98.4	98.4	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
32.9	89.9	94.9	98.4	98.4	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
32.9	89.9	94.9	98.4	98.4	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
32.7	89.9	94.9	98.4	98.4	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
32.9	89.9	94.9	98.4	98.4	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
32.7	89.9	94.9	98.4	98.4	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
32.9	89.9	94.9	98.4	98.4	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
32.7	89.9	94.9	98.4	98.4	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
32.9	89.9	94.9	98.4	98.4	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
32.7	89.9	94.9	98.4	98.4	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
32.9	89.9	94.9	98.4	98.4	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

TOTAL NUMBER OF OBSERVATIONS 547





GLOBAL CLIMATOLOGY BRANCH  
 WAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1457 UELA ITALY 73-87

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

100-1000

CEILING	20	21	24	25	27	28	30	32	34	36	38	40	42	44	46
31.0	80.4	84.7	89.8	91.8	93.3	93.3	97.7	97.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1
31.0	87.8	87.1	21.2	22.2	23.7	53.7	24.1	24.1	24.5	24.5	24.5	24.5	24.5	24.5	24.5
31.0	80.8	87.1	91.2	92.2	93.7	93.7	94.1	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5
31.0	80.8	87.1	22.2	22.2	23.7	53.7	24.1	24.1	24.5	24.5	24.5	24.5	24.5	24.5	24.5
31.0	80.8	87.1	91.2	92.2	93.7	93.7	94.1	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5
31.0	21.2	87.8	91.2	92.2	93.7	93.7	94.1	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5
31.4	2.4	38.6	92.5	94.5	96.1	96.1	96.5	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9
32.2	24.3	97.6	94.5	96.5	98.0	98.0	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8
32.2	24.3	97.6	94.5	96.5	98.0	98.0	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8
32.2	24.3	97.6	94.5	96.5	98.0	98.0	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8
32.2	24.3	97.6	94.5	96.5	98.0	98.0	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8
32.2	24.3	97.6	94.5	96.5	98.0	98.0	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8
32.2	24.3	97.6	94.5	96.5	98.0	98.0	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8
32.2	24.3	97.6	94.5	96.5	98.0	98.0	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8
32.2	24.3	97.6	94.5	96.5	98.0	98.0	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8
32.5	24.7	91.0	95.3	97.6	99.2	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
32.5	24.7	91.0	95.3	97.6	99.2	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
32.5	24.7	91.0	95.3	97.6	99.2	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
32.5	24.7	91.0	95.3	97.6	99.2	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
32.5	24.7	91.0	95.3	97.6	99.2	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
32.5	24.7	91.0	95.3	97.6	99.2	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
32.5	24.7	91.0	95.3	97.6	99.2	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
32.5	24.7	91.0	95.3	97.6	99.2	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
32.5	24.7	91.0	95.3	97.6	99.2	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
32.5	24.7	91.0	95.3	97.6	99.2	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
32.5	24.7	91.0	95.3	97.6	99.2	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 100

USAF FORM 0-14-5 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14530 VELA ITALY STATION NAME

73-87 TIME

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

FORM 1-65

	VISIBILITY STATISTICS															
	20	26	35	44	53	62	71	80	90	95	98	99	99.5	99.8	99.9	100
21.3	49.9	54.6	58.4	59.3	60.0	60.0	60.8	61.2	61.5	61.5	61.7	61.7	61.7	61.7	61.7	61.7
21.5	50.6	55.3	59.8	60.8	61.5	61.5	62.2	62.6	62.9	63.1	63.4	63.4	63.4	63.4	63.4	63.4
21.7	50.6	55.3	59.8	60.8	61.5	61.5	62.2	62.6	62.9	63.1	63.4	63.4	63.4	63.4	63.4	63.4
21.9	51.6	55.9	59.8	60.8	61.5	61.5	62.2	62.6	62.9	63.1	63.4	63.4	63.4	63.4	63.4	63.4
22.1	50.6	55.3	60.0	61.0	61.7	61.7	62.4	62.9	63.1	63.4	63.6	63.6	63.6	63.6	63.6	63.6
22.3	52.7	57.9	61.9	62.9	63.6	63.6	64.3	64.8	65.0	65.2	65.5	65.5	65.5	65.5	65.5	65.5
22.5	54.8	60.0	64.3	65.2	66.0	66.0	66.7	67.1	67.4	67.4	67.6	67.6	67.6	67.6	67.6	67.6
22.7	54.8	60.0	64.3	65.2	66.0	66.0	66.7	67.1	67.4	67.4	67.6	67.6	67.6	67.6	67.6	67.6
22.9	54.8	60.0	64.3	65.2	66.0	66.0	66.7	67.1	67.4	67.4	67.6	67.6	67.6	67.6	67.6	67.6
23.1	85.8	91.0	95.3	96.2	96.9	96.9	97.6	98.1	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8
23.3	85.8	91.0	95.3	96.2	96.9	96.9	97.6	98.1	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8
23.5	85.8	91.0	95.3	96.2	96.9	96.9	97.6	98.1	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8
23.7	85.8	91.0	95.3	96.2	96.9	96.9	97.6	98.1	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8
23.9	85.8	91.0	95.3	96.2	96.9	96.9	97.6	98.1	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8
24.1	85.8	91.0	95.3	96.2	96.9	96.9	97.6	98.1	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8
24.3	85.8	91.0	95.3	96.2	96.9	96.9	97.6	98.1	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8
24.5	85.8	91.0	95.3	96.2	96.9	96.9	97.6	98.1	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8
24.7	85.8	91.0	95.3	96.2	96.9	96.9	97.6	98.1	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8
24.9	85.8	91.0	95.3	96.2	96.9	96.9	97.6	98.1	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8
25.1	85.8	91.0	95.3	96.2	96.9	96.9	97.6	98.1	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8
25.3	85.8	91.0	95.3	96.2	96.9	96.9	97.6	98.1	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8
25.5	85.8	91.0	95.3	96.2	96.9	96.9	97.6	98.1	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8
25.7	85.8	91.0	95.3	96.2	96.9	96.9	97.6	98.1	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8
25.9	85.8	91.0	95.3	96.2	96.9	96.9	97.6	98.1	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8
26.1	85.8	91.0	95.3	96.2	96.9	96.9	97.6	98.1	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8
26.3	85.8	91.0	95.3	96.2	96.9	96.9	97.6	98.1	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8
26.5	85.8	91.0	95.3	96.2	96.9	96.9	97.6	98.1	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8
26.7	85.8	91.0	95.3	96.2	96.9	96.9	97.6	98.1	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8
26.9	85.8	91.0	95.3	96.2	96.9	96.9	97.6	98.1	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8
27.1	85.8	91.0	95.3	96.2	96.9	96.9	97.6	98.1	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8
27.3	85.8	91.0	95.3	96.2	96.9	96.9	97.6	98.1	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8
27.5	85.8	91.0	95.3	96.2	96.9	96.9	97.6	98.1	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8
27.7	85.8	91.0	95.3	96.2	96.9	96.9	97.6	98.1	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8
27.9	85.8	91.0	95.3	96.2	96.9	96.9	97.6	98.1	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8
28.1	85.8	91.0	95.3	96.2	96.9	96.9	97.6	98.1	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8
28.3	85.8	91.0	95.3	96.2	96.9	96.9	97.6	98.1	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8
28.5	85.8	91.0	95.3	96.2	96.9	96.9	97.6	98.1	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8
28.7	85.8	91.0	95.3	96.2	96.9	96.9	97.6	98.1	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8
28.9	85.8	91.0	95.3	96.2	96.9	96.9	97.6	98.1	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8
29.1	85.8	91.0	95.3	96.2	96.9	96.9	97.6	98.1	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8
29.3	85.8	91.0	95.3	96.2	96.9	96.9	97.6	98.1	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8
29.5	85.8	91.0	95.3	96.2	96.9	96.9	97.6	98.1	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8
29.7	85.8	91.0	95.3	96.2	96.9	96.9	97.6	98.1	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8
29.9	85.8	91.0	95.3	96.2	96.9	96.9	97.6	98.1	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8

TOTAL NUMBER OF OBSERVATIONS 423

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14-5000 DELTA ITALY 73-82 STATION NAME

## PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

CEILING	> 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	0								
1000	10.9	32.2	34.6	39.9	42.0	43.1	43.1	43.7	47.7	48.3	43.3	43.3	43.2	43.1	43.1	43.4	44.0																		
900	11.0	33.1	35.0	42.0	44.4	45.5	45.5	46.1	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.4																		
800	11.1	33.0	35.1	42.2	44.6	45.6	45.6	46.2	46.2	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4																		
700	11.1	33.3	35.1	42.2	44.6	45.6	45.6	46.2	46.2	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4																		
600	11.3	34.0	35.5	42.9	45.3	46.4	46.4	47.0	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1																		
500	13.3	37.2	42.2	46.1	47.5	49.5	49.5	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3																		
400	13.7	39.0	43.5	48.3	51.1	52.1	52.1	52.7	52.7	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9																		
300	13.7	39.0	43.5	48.3	51.1	52.1	52.1	52.7	52.7	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9																		
200	13.7	39.0	43.5	48.3	51.1	52.1	52.1	52.7	52.7	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9																		
100	13.7	39.0	43.5	48.3	51.1	52.1	52.1	52.7	52.7	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9																		
0	13.7	84.3	89.6	94.1	96.8	97.9	97.9	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6																		
1000	13.7	84.8	89.6	94.1	96.8	97.9	97.9	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6																		
900	13.7	84.8	89.6	94.1	96.8	97.9	97.9	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6																		
800	13.7	84.8	89.6	94.1	96.8	97.9	97.9	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6																		
700	13.7	84.8	89.6	94.1	96.8	97.9	97.9	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6																		
600	13.7	84.8	89.6	94.1	96.8	97.9	97.9	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6																		
500	13.7	85.1	89.9	94.7	97.4	98.5	98.5	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2																		
400	13.7	85.1	89.9	94.7	97.4	98.5	98.5	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2																		
300	13.7	85.1	89.9	94.7	97.4	98.5	98.5	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2																		
200	13.7	85.1	89.9	94.7	97.4	98.5	98.5	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2																		
100	13.7	85.1	89.9	94.7	97.4	98.5	98.5	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2																		
0	13.7	85.1	89.9	94.7	97.4	98.5	98.5	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2																		

TOTAL NUMBER OF OBSERVATIONS 654

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1545 JC VELA ITALY STATION NAME

73-82 YEAR

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0550-1100

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
≥ 10000	14.5	37.3	47.1	46.3	47.2	47.6	47.6	48.4	48.6	48.6	48.6	48.6	48.6	48.7	48.7	48.7
≥ 8000	15.2	39.5	46.3	49.6	51.0	51.4	51.4	52.2	52.4	52.4	52.4	52.4	52.4	52.5	52.5	52.5
≥ 6000	15.2	39.5	46.3	49.6	51.0	51.7	51.7	52.5	52.7	52.7	52.7	52.7	52.7	52.8	52.8	52.8
≥ 4000	15.2	39.5	46.3	49.6	51.0	51.7	51.7	52.5	52.7	52.7	52.7	52.7	52.7	52.8	52.8	52.8
≥ 3000	15.3	39.6	46.6	49.9	51.3	52.2	52.2	53.0	53.1	53.1	53.1	53.1	53.1	53.3	53.3	53.3
≥ 2000	17.1	43.1	49.9	53.6	54.9	55.8	55.9	56.6	56.9	56.8	56.8	56.8	56.8	56.9	56.9	56.9
≥ 1800	18.7	45.7	52.5	56.3	58.0	59.2	59.2	59.9	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2
≥ 1600	18.7	45.7	52.5	56.3	58.0	59.2	59.2	59.9	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2
≥ 1400	18.7	45.7	52.5	56.3	58.0	59.2	59.2	59.9	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2
≥ 1200	18.7	45.7	52.5	56.3	58.0	59.2	59.2	59.9	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2
≥ 1000	18.7	45.7	52.5	56.3	58.0	59.2	59.2	59.9	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2
≥ 800	18.7	45.7	52.5	56.3	58.0	59.2	59.2	59.9	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2
≥ 600	18.7	45.7	52.5	56.3	58.0	59.2	59.2	59.9	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2
≥ 400	18.7	45.7	52.5	56.3	58.0	59.2	59.2	59.9	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2
≥ 300	18.7	45.7	52.5	56.3	58.0	59.2	59.2	59.9	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2
≥ 200	18.7	45.7	52.5	56.3	58.0	59.2	59.2	59.9	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2
≥ 150	18.7	45.7	52.5	56.3	58.0	59.2	59.2	59.9	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2
≥ 100	18.7	45.7	52.5	56.3	58.0	59.2	59.2	59.9	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2
≥ 50	18.7	45.7	52.5	56.3	58.0	59.2	59.2	59.9	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2
≥ 30	18.7	45.7	52.5	56.3	58.0	59.2	59.2	59.9	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2
≥ 20	18.7	45.7	52.5	56.3	58.0	59.2	59.2	59.9	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2
≥ 15	18.7	45.7	52.5	56.3	58.0	59.2	59.2	59.9	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2
≥ 10	18.7	45.7	52.5	56.3	58.0	59.2	59.2	59.9	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2
≥ 5	18.7	45.7	52.5	56.3	58.0	59.2	59.2	59.9	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2
≥ 3	18.7	45.7	52.5	56.3	58.0	59.2	59.2	59.9	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2
≥ 2	18.7	45.7	52.5	56.3	58.0	59.2	59.2	59.9	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2
≥ 1	18.7	45.7	52.5	56.3	58.0	59.2	59.2	59.9	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2
≥ 1/2	18.7	45.7	52.5	56.3	58.0	59.2	59.2	59.9	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2
≥ 1/4	18.7	45.7	52.5	56.3	58.0	59.2	59.2	59.9	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2
≥ 1/8	18.7	45.7	52.5	56.3	58.0	59.2	59.2	59.9	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2
≥ 1/16	18.7	45.7	52.5	56.3	58.0	59.2	59.2	59.9	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2
≥ 1/32	18.7	45.7	52.5	56.3	58.0	59.2	59.2	59.9	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2
≥ 1/64	18.7	45.7	52.5	56.3	58.0	59.2	59.2	59.9	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2
≥ 1/128	18.7	45.7	52.5	56.3	58.0	59.2	59.2	59.9	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2
≥ 1/256	18.7	45.7	52.5	56.3	58.0	59.2	59.2	59.9	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2
≥ 1/512	18.7	45.7	52.5	56.3	58.0	59.2	59.2	59.9	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2

TOTAL NUMBER OF OBSERVATIONS 659

GENERAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1-4537  
FORM

CELA ITALY

73-80

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

1200-1400

CEILING (FEET)	20	26	35	44	52	60	69	77	85	93	101	109	117	125	133	141	149
100	18.3	41.5	47.6	51.7	52.2	52.6	52.6	52.8	52.9	52.9	53.2	53.7	53.2	53.2	53.2	53.2	53.2
90	17.1	44.5	51.2	55.7	56.7	56.2	56.8	56.8	56.9	56.9	57.1	57.4	57.4	57.4	57.4	57.4	57.4
80	17.1	44.5	51.4	55.8	56.5	56.9	56.9	57.1	57.1	57.1	57.2	57.5	57.5	57.5	57.5	57.5	57.5
70	17.1	44.5	51.4	55.8	56.5	56.9	56.9	57.1	57.1	57.1	57.2	57.5	57.5	57.5	57.5	57.5	57.5
60	17.2	44.6	51.5	56.0	56.6	57.1	57.1	57.2	57.2	57.2	57.4	57.7	57.7	57.7	57.7	57.7	57.7
50	19.8	47.5	54.5	59.2	59.8	60.3	60.7	60.5	60.5	60.5	60.6	60.9	60.9	60.9	60.9	60.9	60.9
40	20.3	50.3	57.2	62.5	63.1	63.5	63.5	63.7	63.7	63.7	63.7	63.8	64.2	64.2	64.2	64.2	64.2
30	20.3	50.3	57.2	62.5	63.1	63.5	63.5	63.7	63.7	63.7	63.7	63.8	64.2	64.2	64.2	64.2	64.2
20	20.3	50.3	57.2	62.5	63.1	63.5	63.5	63.7	63.7	63.7	63.7	63.8	64.2	64.2	64.2	64.2	64.2
10	20.3	50.3	57.2	62.5	63.1	63.5	63.5	63.7	63.7	63.7	63.7	63.8	64.2	64.2	64.2	64.2	64.2
0	20.3	55.1	92.0	97.2	97.8	98.3	98.3	98.5	98.5	98.5	98.5	98.6	98.9	98.9	98.9	98.9	98.9
100	20.3	35.1	92.0	97.2	97.8	98.3	98.3	98.5	98.5	98.5	98.5	98.6	98.9	98.9	98.9	98.9	98.9
90	20.3	35.1	92.0	97.2	97.8	98.3	98.3	98.5	98.5	98.5	98.5	98.6	98.9	98.9	98.9	98.9	98.9
80	20.3	35.1	92.0	97.2	97.8	98.3	98.3	98.5	98.5	98.5	98.5	98.6	98.9	98.9	98.9	98.9	98.9
70	20.3	35.1	92.0	97.2	97.8	98.3	98.3	98.5	98.5	98.5	98.5	98.6	98.9	98.9	98.9	98.9	98.9
60	20.3	35.1	92.0	97.2	97.8	98.3	98.3	98.5	98.5	98.5	98.5	98.6	98.9	98.9	98.9	98.9	98.9
50	20.3	35.1	92.0	97.2	97.8	98.3	98.3	98.5	98.5	98.5	98.5	98.6	98.9	98.9	98.9	98.9	98.9
40	20.3	35.1	92.0	97.2	97.8	98.3	98.3	98.5	98.5	98.5	98.5	98.6	98.9	98.9	98.9	98.9	98.9
30	20.3	35.1	92.0	97.2	97.8	98.3	98.3	98.5	98.5	98.5	98.5	98.6	98.9	98.9	98.9	98.9	98.9
20	20.3	35.1	92.0	97.2	97.8	98.3	98.3	98.5	98.5	98.5	98.5	98.6	98.9	98.9	98.9	98.9	98.9
10	20.3	35.1	92.0	97.2	97.8	98.3	98.3	98.5	98.5	98.5	98.5	98.6	98.9	98.9	98.9	98.9	98.9
0	20.3	35.1	92.0	97.2	97.8	98.3	98.3	98.5	98.5	98.5	98.5	98.6	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS 650



GENERAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

104530 DELA ITALY STATION NAME

73-82

## PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

1500-1700

CEILING FEET	VISIBILITY STATISTICS															
	≥ 10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
1000	19.4	43.1	47.6	51.1	51.1	51.7	51.7	52.0	52.7	52.7	53.0	53.0	53.0	53.0	53.0	53.0
900	20.5	45.6	51.2	55.0	55.1	55.7	55.7	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
800	20.5	45.6	51.4	55.1	55.3	55.9	55.9	56.2	56.9	56.9	56.9	56.9	57.2	57.2	57.2	57.2
700	20.5	45.6	51.4	55.1	55.3	55.9	55.9	56.2	56.9	56.9	56.9	56.9	57.2	57.2	57.2	57.2
600	21.0	46.4	52.1	55.2	56.0	56.6	56.6	56.9	57.7	57.7	57.7	58.0	58.0	58.0	58.0	58.0
500	23.1	49.5	55.4	59.2	59.3	59.9	59.9	60.2	61.0	61.0	61.0	61.3	61.3	61.3	61.3	61.3
400	25.1	52.7	58.9	62.9	63.1	63.7	63.7	64.0	64.7	64.7	64.7	65.0	65.0	65.0	65.0	65.0
300	25.1	52.7	58.9	62.9	63.1	63.7	63.7	64.0	64.7	64.7	64.7	65.0	65.0	65.0	65.0	65.0
200	25.1	52.7	58.9	62.9	63.1	63.7	63.7	64.0	64.7	64.7	64.7	65.0	65.0	65.0	65.0	65.0
100	25.1	56.5	92.6	96.7	96.8	97.4	97.4	97.7	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8
0	25.1	56.5	92.6	96.7	96.8	97.4	97.4	97.7	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8
1000	25.5	87.2	93.4	97.4	97.6	98.2	98.2	98.5	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5
900	25.8	87.2	93.4	97.4	97.6	98.2	98.2	98.5	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5
800	26.1	87.5	93.7	97.7	97.9	98.5	98.5	98.8	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8
700	26.1	87.5	93.7	97.7	97.9	98.5	98.5	98.8	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8
600	26.1	87.5	93.7	97.7	97.9	98.5	98.5	98.8	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8
500	26.1	87.5	93.7	97.7	97.9	98.5	98.5	98.8	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8
400	26.1	87.5	93.7	97.7	97.9	98.5	98.5	98.8	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8
300	26.1	87.5	93.7	97.7	97.9	98.5	98.5	98.8	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8
200	26.1	87.5	93.7	97.7	97.9	98.5	98.5	98.8	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8
100	26.1	87.5	93.7	97.7	97.9	98.5	98.5	98.8	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8
0	26.1	87.5	93.7	97.7	97.9	98.5	98.5	98.8	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 566

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

144530 DELTA ITALY

73-82

## PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

1445-2400

CEILING (FEET)	20	26	32	38	44	50	56	62	68	74	80	86	92	98	100	TOTAL
1300	13.3	49.7	54.7	56.4	58.9	57.6	57.6	59.2	58.2	58.2	58.2	58.7	59.7	58.9	54.9	54.9
1200	12.4	52.1	57.6	61.5	61.5	62.3	62.2	62.5	62.0	62.2	62.8	61.5	63.5	63.7	61.7	51.7
1100	12.9	52.7	59.2	61.1	62.1	62.9	62.0	63.1	63.5	63.5	63.5	64.2	64.7	64.2	61.7	54.2
1000	12.9	52.7	59.2	61.1	62.1	62.9	62.0	63.1	63.5	63.5	63.5	64.2	64.7	64.2	61.7	54.2
900	12.9	52.7	59.2	61.1	62.1	62.9	62.0	63.1	63.5	63.5	63.5	64.2	64.7	64.2	61.7	54.2
800	12.9	52.7	59.2	61.1	62.1	62.9	62.0	63.1	63.5	63.5	63.5	64.2	64.7	64.2	61.7	54.2
700	12.9	52.7	59.2	61.1	62.1	62.9	62.0	63.1	63.5	63.5	63.5	64.2	64.7	64.2	61.7	54.2
600	12.9	52.7	59.2	61.1	62.1	62.9	62.0	63.1	63.5	63.5	63.5	64.2	64.7	64.2	61.7	54.2
500	12.9	52.7	59.2	61.1	62.1	62.9	62.0	63.1	63.5	63.5	63.5	64.2	64.7	64.2	61.7	54.2
400	12.9	52.7	59.2	61.1	62.1	62.9	62.0	63.1	63.5	63.5	63.5	64.2	64.7	64.2	61.7	54.2
300	12.9	52.7	59.2	61.1	62.1	62.9	62.0	63.1	63.5	63.5	63.5	64.2	64.7	64.2	61.7	54.2
200	12.9	52.7	59.2	61.1	62.1	62.9	62.0	63.1	63.5	63.5	63.5	64.2	64.7	64.2	61.7	54.2
100	12.9	52.7	59.2	61.1	62.1	62.9	62.0	63.1	63.5	63.5	63.5	64.2	64.7	64.2	61.7	54.2

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14-500 WELA ITALY 73-87  
 PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS 14-500-2300

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	20	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
100	32.7	77.3	83.8	89.2	91.6	92.8	90.8	93.9	92.7	94.2	94.2	95.0	95.1	95.3	95.3	95.3
200	32.7	78.1	84.5	89.9	91.4	93.5	93.5	95.0	95.0	95.3	95.3	96.1	96.2	96.4	96.4	96.4
300	32.7	78.1	84.5	89.9	91.4	93.5	93.5	95.0	95.0	95.3	95.3	96.1	96.2	96.4	96.4	96.4
400	32.7	78.1	84.5	89.9	91.4	93.5	93.5	95.0	95.0	95.3	95.3	96.1	96.2	96.4	96.4	96.4
500	32.7	78.1	84.5	89.9	91.4	93.5	93.5	95.0	95.0	95.3	95.3	96.1	96.2	96.4	96.4	96.4
600	33.5	79.9	86.3	91.7	93.2	95.3	95.7	96.8	96.8	97.1	97.1	97.8	97.8	98.2	98.2	98.2
700	33.3	80.9	87.8	93.2	94.6	96.8	96.8	98.2	98.2	98.6	98.6	99.3	99.3	99.6	99.6	99.6
800	33.3	80.9	87.8	93.2	94.6	96.8	96.8	98.2	98.2	98.6	98.6	99.3	99.3	99.6	99.6	99.6
900	33.3	80.9	87.8	93.2	94.6	96.8	96.8	98.2	98.2	98.6	98.6	99.3	99.3	99.6	99.6	99.6
1000	33.3	80.9	87.8	93.2	94.6	96.8	96.8	98.2	98.2	98.6	98.6	99.3	99.3	99.6	99.6	99.6
1100	33.3	80.9	87.8	93.2	94.6	96.8	96.8	98.2	98.2	98.6	98.6	99.3	99.3	99.6	99.6	99.6
1200	33.3	80.9	87.8	93.2	94.6	96.8	96.8	98.2	98.2	98.6	98.6	99.3	99.3	99.6	99.6	99.6
1300	33.3	80.9	87.8	93.2	94.6	96.8	96.8	98.2	98.2	98.6	98.6	99.3	99.3	99.6	99.6	99.6
1400	33.3	80.9	87.8	93.2	94.6	96.8	96.8	98.2	98.2	98.6	98.6	99.3	99.3	99.6	99.6	99.6
1500	33.3	80.9	87.8	93.2	94.6	96.8	96.8	98.2	98.2	98.6	98.6	99.3	99.3	99.6	99.6	99.6
1600	33.3	80.9	87.8	93.2	94.6	96.8	96.8	98.2	98.2	98.6	98.6	99.3	99.3	99.6	99.6	99.6
1700	33.3	80.9	87.8	93.2	94.6	96.8	96.8	98.2	98.2	98.6	98.6	99.3	99.3	99.6	99.6	99.6
1800	33.3	80.9	87.8	93.2	94.6	96.8	96.8	98.2	98.2	98.6	98.6	99.3	99.3	99.6	99.6	99.6
1900	33.3	80.9	87.8	93.2	94.6	96.8	96.8	98.2	98.2	98.6	98.6	99.3	99.3	99.6	99.6	99.6
2000	33.3	80.9	87.8	93.2	94.6	96.8	96.8	98.2	98.2	98.6	98.6	99.3	99.3	99.6	99.6	99.6
2100	33.3	80.9	87.8	93.2	94.6	96.8	96.8	98.2	98.2	98.6	98.6	99.3	99.3	99.6	99.6	99.6
2200	33.3	80.9	87.8	93.2	94.6	96.8	96.8	98.2	98.2	98.6	98.6	99.3	99.3	99.6	99.6	99.6
2300	33.3	80.9	87.8	93.2	94.6	96.8	96.8	98.2	98.2	98.6	98.6	99.3	99.3	99.6	99.6	99.6
2400	33.3	80.9	87.8	93.2	94.6	96.8	96.8	98.2	98.2	98.6	98.6	99.3	99.3	99.6	99.6	99.6
2500	33.3	80.9	87.8	93.2	94.6	96.8	96.8	98.2	98.2	98.6	98.6	99.3	99.3	99.6	99.6	99.6
2600	33.3	80.9	87.8	93.2	94.6	96.8	96.8	98.2	98.2	98.6	98.6	99.3	99.3	99.6	99.6	99.6
2700	33.3	80.9	87.8	93.2	94.6	96.8	96.8	98.2	98.2	98.6	98.6	99.3	99.3	99.6	99.6	99.6
2800	33.3	80.9	87.8	93.2	94.6	96.8	96.8	98.2	98.2	98.6	98.6	99.3	99.3	99.6	99.6	99.6
2900	33.3	80.9	87.8	93.2	94.6	96.8	96.8	98.2	98.2	98.6	98.6	99.3	99.3	99.6	99.6	99.6
3000	33.3	80.9	87.8	93.2	94.6	96.8	96.8	98.2	98.2	98.6	98.6	99.3	99.3	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 278

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/LMAC

# CEILING VERSUS VISIBILITY

164073

GELA ITALY

73-87

STATION NAME

YEAR

ALL

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
≥1000	13.4	46.3	51.5	54.9	55.9	56.7	56.7	57.2	57.5	57.6	57.6	57.8	57.9	57.9	57.9	57.9
8000	19.1	48.2	54.2	58.0	59.2	60.1	60.1	60.6	60.8	60.9	61.0	61.2	61.2	61.3	61.3	61.3
6000	19.1	48.2	54.2	58.0	59.2	60.1	60.1	60.6	60.8	60.9	61.0	61.2	61.2	61.3	61.3	61.3
4000	19.1	48.2	54.2	58.0	59.2	60.1	60.1	60.6	60.8	60.9	61.0	61.2	61.2	61.3	61.3	61.3
2000	19.2	48.6	54.6	58.4	59.6	60.5	60.5	61.0	61.2	61.3	61.4	61.6	61.6	61.7	61.7	61.7
1000	21.8	51.3	57.3	61.3	62.5	63.4	63.4	63.9	64.1	64.2	64.3	64.5	64.5	64.6	64.6	64.6
800	21.9	53.5	59.6	63.9	65.1	66.1	66.1	66.6	66.8	66.9	67.0	67.2	67.3	67.3	67.3	67.3
600	21.9	53.5	59.6	63.9	65.2	66.1	66.1	66.6	66.8	67.0	67.0	67.3	67.3	67.3	67.3	67.3
400	21.9	53.5	59.6	63.9	65.2	66.1	66.1	66.6	66.8	67.0	67.0	67.3	67.3	67.3	67.3	67.3
200	21.9	85.0	91.1	95.3	96.6	97.5	97.5	98.1	98.3	98.4	98.4	98.7	98.7	98.8	98.8	98.8
100	21.9	85.0	91.1	95.3	96.6	97.5	97.5	98.1	98.3	98.4	98.4	98.7	98.7	98.8	98.8	98.8
80	22.0	85.1	91.2	95.4	96.7	97.6	97.6	98.1	98.4	98.5	98.5	98.8	98.8	98.9	98.9	98.9
60	22.1	85.3	91.4	95.7	96.9	97.9	97.9	98.4	98.7	98.8	98.8	99.0	99.0	99.1	99.1	99.1
40	22.2	85.5	91.5	95.8	97.1	98.1	98.1	98.6	98.8	98.9	98.9	99.2	99.2	99.3	99.3	99.3
20	22.3	85.6	91.6	96.1	97.5	98.5	98.5	99.0	99.2	99.3	99.4	99.6	99.6	99.7	99.7	99.7
10	22.3	85.6	91.6	96.1	97.5	98.5	98.5	99.0	99.2	99.3	99.4	99.6	99.6	99.7	99.7	99.7
8	22.3	85.6	91.6	96.1	97.5	98.5	98.5	99.0	99.2	99.3	99.4	99.6	99.6	99.7	99.7	99.7
6	22.3	85.6	91.6	96.1	97.5	98.5	98.5	99.0	99.2	99.3	99.4	99.6	99.6	99.7	99.7	99.7
4	22.3	85.6	91.6	96.1	97.5	98.5	98.5	99.0	99.2	99.3	99.4	99.6	99.6	99.7	99.7	99.7
2	22.3	85.6	91.6	96.1	97.5	98.5	98.5	99.0	99.2	99.3	99.4	99.6	99.6	99.7	99.7	99.7
1	22.3	85.6	91.6	96.1	97.5	98.5	98.5	99.0	99.2	99.3	99.4	99.6	99.6	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 4174

GENERAL CLIMATOLOGY BRANCH  
 AFM/TAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1953

WLA ITALY

72-82

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

0000-0200

CEILING (FEET)	1000	900	800	700	600	500	400	300	200	100	0					
1000	25.5	76.0	82.9	90.1	94.3	95.1	95.1	95.1	95.4	95.4	96.2	97.0	97.0	97.0	97.0	97.3
900	25.5	76.0	82.9	90.1	94.3	95.1	95.1	95.1	95.4	95.4	96.2	97.0	97.0	97.0	97.0	97.3
800	25.5	76.0	82.9	90.1	94.3	95.1	95.1	95.1	95.4	95.4	96.2	97.0	97.0	97.0	97.0	97.3
700	25.5	76.0	82.9	90.1	94.3	95.1	95.1	95.1	95.4	95.4	96.2	97.0	97.0	97.0	97.0	97.3
600	25.5	76.0	82.9	90.1	94.3	95.1	95.1	95.1	95.4	95.4	96.2	97.0	97.0	97.0	97.0	97.3
500	25.5	76.0	82.9	90.1	94.3	95.1	95.1	95.1	95.4	95.4	96.2	97.0	97.0	97.0	97.0	97.3
400	25.5	76.0	82.9	90.1	94.3	95.1	95.1	95.1	95.4	95.4	96.2	97.0	97.0	97.0	97.0	97.3
300	25.5	76.0	82.9	90.1	94.3	95.1	95.1	95.1	95.4	95.4	96.2	97.0	97.0	97.0	97.0	97.3
200	25.5	76.0	82.9	90.1	94.3	95.1	95.1	95.1	95.4	95.4	96.2	97.0	97.0	97.0	97.0	97.3
100	25.5	76.0	82.9	90.1	94.3	95.1	95.1	95.1	95.4	95.4	96.2	97.0	97.0	97.0	97.0	97.3
0	25.5	76.0	82.9	90.1	94.3	95.1	95.1	95.1	95.4	95.4	96.2	97.0	97.0	97.0	97.0	97.3
1000	25.5	76.0	82.9	90.1	94.3	95.1	95.1	95.1	95.4	95.4	96.2	97.0	97.0	97.0	97.0	97.3
900	25.5	76.0	82.9	90.1	94.3	95.1	95.1	95.1	95.4	95.4	96.2	97.0	97.0	97.0	97.0	97.3
800	25.5	76.0	82.9	90.1	94.3	95.1	95.1	95.1	95.4	95.4	96.2	97.0	97.0	97.0	97.0	97.3
700	25.5	76.0	82.9	90.1	94.3	95.1	95.1	95.1	95.4	95.4	96.2	97.0	97.0	97.0	97.0	97.3
600	25.5	76.0	82.9	90.1	94.3	95.1	95.1	95.1	95.4	95.4	96.2	97.0	97.0	97.0	97.0	97.3
500	25.5	76.0	82.9	90.1	94.3	95.1	95.1	95.1	95.4	95.4	96.2	97.0	97.0	97.0	97.0	97.3
400	25.5	76.0	82.9	90.1	94.3	95.1	95.1	95.1	95.4	95.4	96.2	97.0	97.0	97.0	97.0	97.3
300	25.5	76.0	82.9	90.1	94.3	95.1	95.1	95.1	95.4	95.4	96.2	97.0	97.0	97.0	97.0	97.3
200	25.5	76.0	82.9	90.1	94.3	95.1	95.1	95.1	95.4	95.4	96.2	97.0	97.0	97.0	97.0	97.3
100	25.5	76.0	82.9	90.1	94.3	95.1	95.1	95.1	95.4	95.4	96.2	97.0	97.0	97.0	97.0	97.3
0	25.5	76.0	82.9	90.1	94.3	95.1	95.1	95.1	95.4	95.4	96.2	97.0	97.0	97.0	97.0	97.3
1000	25.5	76.0	83.7	91.3	95.4	96.2	96.2	96.2	96.6	96.6	97.3	98.1	98.1	98.1	98.1	98.5
900	25.5	76.0	83.7	91.3	95.4	96.2	96.2	96.2	96.6	96.6	97.3	98.1	98.1	98.1	98.1	98.5
800	25.5	76.0	83.7	91.3	95.4	96.2	96.2	96.2	96.6	96.6	97.3	98.1	98.1	98.1	98.1	98.5
700	25.5	76.0	83.7	91.3	95.4	96.2	96.2	96.2	96.6	96.6	97.3	98.1	98.1	98.1	98.1	98.5
600	25.5	76.0	83.7	91.3	95.4	96.2	96.2	96.2	96.6	96.6	97.3	98.1	98.1	98.1	98.1	98.5
500	25.5	76.0	83.7	91.3	95.4	96.2	96.2	96.2	96.6	96.6	97.3	98.1	98.1	98.1	98.1	98.5
400	25.5	76.0	83.7	91.3	95.4	96.2	96.2	96.2	96.6	96.6	97.3	98.1	98.1	98.1	98.1	98.5
300	25.5	76.0	83.7	91.3	95.4	96.2	96.2	96.2	96.6	96.6	97.3	98.1	98.1	98.1	98.1	98.5
200	25.5	76.0	83.7	91.3	95.4	96.2	96.2	96.2	96.6	96.6	97.3	98.1	98.1	98.1	98.1	98.5
100	25.5	76.0	83.7	91.3	95.4	96.2	96.2	96.2	96.6	96.6	97.3	98.1	98.1	98.1	98.1	98.5
0	25.5	76.0	83.7	91.3	95.4	96.2	96.2	96.2	96.6	96.6	97.3	98.1	98.1	98.1	98.1	98.5
1000	25.5	76.0	83.7	91.3	95.4	96.2	96.2	96.2	96.6	96.6	97.3	98.1	98.1	98.1	98.1	98.5
900	25.5	76.0	83.7	91.3	95.4	96.2	96.2	96.2	96.6	96.6	97.3	98.1	98.1	98.1	98.1	98.5
800	25.5	76.0	83.7	91.3	95.4	96.2	96.2	96.2	96.6	96.6	97.3	98.1	98.1	98.1	98.1	98.5
700	25.5	76.0	83.7	91.3	95.4	96.2	96.2	96.2	96.6	96.6	97.3	98.1	98.1	98.1	98.1	98.5
600	25.5	76.0	83.7	91.3	95.4	96.2	96.2	96.2	96.6	96.6	97.3	98.1	98.1	98.1	98.1	98.5
500	25.5	76.0	83.7	91.3	95.4	96.2	96.2	96.2	96.6	96.6	97.3	98.1	98.1	98.1	98.1	98.5
400	25.5	76.0	83.7	91.3	95.4	96.2	96.2	96.2	96.6	96.6	97.3	98.1	98.1	98.1	98.1	98.5
300	25.5	76.0	83.7	91.3	95.4	96.2	96.2	96.2	96.6	96.6	97.3	98.1	98.1	98.1	98.1	98.5
200	25.5	76.0	83.7	91.3	95.4	96.2	96.2	96.2	96.6	96.6	97.3	98.1	98.1	98.1	98.1	98.5
100	25.5	76.0	83.7	91.3	95.4	96.2	96.2	96.2	96.6	96.6	97.3	98.1	98.1	98.1	98.1	98.5
0	25.5	76.0	83.7	91.3	95.4	96.2	96.2	96.2	96.6	96.6	97.3	98.1	98.1	98.1	98.1	98.5

TOTAL NUMB. OF OBSERVATIONS 263

FEDERAL BUREAU OF SURVEY  
 METEOROLOGICAL SERVICE  
 WASHINGTON, D. C.

# CEILING VERSUS VISIBILITY

77-80

## PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

CEILING	1000	900	800	700	600	500	400	300	200	100	0	1000	900	800	700	600	500	400	300	200	100	0	
100	47.3	54.2	60.0	63.9	65.4	65.4	66.0	67.7	67.8	68.7	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
100	48.1	55.7	61.3	64.2	65.6	65.6	66.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
100	48.1	55.7	61.3	64.2	65.6	65.6	66.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
100	48.1	55.7	61.3	64.2	65.6	65.6	66.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
100	48.3	55.3	61.1	64.4	65.9	65.9	66.3	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	68.3	68.3
100	49.2	56.7	62.3	65.6	67.1	67.1	68.3	69.7	69.7	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
100	49.2	56.7	62.3	65.6	67.1	67.1	68.3	69.7	69.7	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
100	49.2	56.7	62.3	65.6	67.1	67.1	68.3	69.7	69.7	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
100	75.7	82.9	88.9	92.3	93.8	93.8	95.2	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
100	75.7	82.9	88.9	92.3	93.8	93.8	95.2	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
100	75.7	82.9	88.9	92.3	93.8	93.8	95.2	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
100	75.7	82.9	88.9	92.3	93.8	93.8	95.2	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
100	75.7	82.9	88.9	92.3	93.8	93.8	95.2	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
100	75.7	82.9	88.9	92.3	93.8	93.8	95.2	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
100	75.7	82.9	88.9	92.3	93.8	93.8	95.2	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
100	75.7	82.9	88.9	92.3	93.8	93.8	95.2	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
100	75.7	82.9	88.9	92.3	93.8	93.8	95.2	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
100	75.7	82.9	88.9	92.3	93.8	93.8	95.2	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
100	75.7	82.9	88.9	92.3	93.8	93.8	95.2	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
100	75.7	82.9	88.9	92.3	93.8	93.8	95.2	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
100	75.7	82.9	88.9	92.3	93.8	93.8	95.2	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
100	75.7	82.9	88.9	92.3	93.8	93.8	95.2	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
100	75.7	82.9	88.9	92.3	93.8	93.8	95.2	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
100	75.7	82.9	88.9	92.3	93.8	93.8	95.2	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
100	75.7	82.9	88.9	92.3	93.8	93.8	95.2	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
100	75.7	82.9	88.9	92.3	93.8	93.8	95.2	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6

TOTAL NUMBER OF OBSERVATIONS 411

FEDERAL BUREAU OF SURVEY  
 NATIONAL CLIMATOLOGY BRANCH  
 WASHINGTON, D. C. 20540

# CEILING VERSUS VISIBILITY

STATION: WASH DC DATE: 1954

## PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

FORM NO. 1-55

CEILING	1000	900	800	700	600	500	400	300	200	100	0
1000	14.9	47.2	48.3	12.2	13.2	13.2	14.7	15.8	15.8	15.9	15.9
900	34.9	47.2	41.3	13.2	13.2	14.7	15.8	15.8	15.8	15.9	15.9
800	34.9	47.2	41.3	13.2	13.2	14.7	15.8	15.8	15.8	15.9	15.9
700	31.1	41.4	40.7	11.4	11.4	14.9	15.9	15.9	15.9	16.1	16.1
600	31.1	41.4	40.7	11.4	11.4	14.9	15.9	15.9	15.9	16.1	16.1
500	31.1	41.4	40.7	11.4	11.4	14.9	15.9	15.9	15.9	16.1	16.1
400	31.1	41.4	40.7	11.4	11.4	14.9	15.9	15.9	15.9	16.1	16.1
300	31.1	41.4	40.7	11.4	11.4	14.9	15.9	15.9	15.9	16.1	16.1
200	31.1	41.4	40.7	11.4	11.4	14.9	15.9	15.9	15.9	16.1	16.1
100	31.1	41.4	40.7	11.4	11.4	14.9	15.9	15.9	15.9	16.1	16.1
0	31.1	41.4	40.7	11.4	11.4	14.9	15.9	15.9	15.9	16.1	16.1

TOTAL NUMBER OF OBSERVATIONS: 2

U.S. GOVERNMENT PRINTING OFFICE: 1954

U.S. DEPARTMENT OF COMMERCE  
 NATIONAL WEATHER SERVICE

# CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

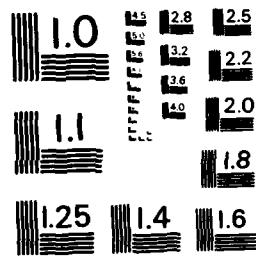
Visibility	1000	900	800	700	600	500	400	300	200	100	0
1000	44.7	32.4	27.4	22.4	17.4	12.4	7.4	2.4	0.4	0.4	0.4
900	44.7	32.4	27.4	22.4	17.4	12.4	7.4	2.4	0.4	0.4	0.4
800	44.7	32.4	27.4	22.4	17.4	12.4	7.4	2.4	0.4	0.4	0.4
700	44.7	32.4	27.4	22.4	17.4	12.4	7.4	2.4	0.4	0.4	0.4
600	44.7	32.4	27.4	22.4	17.4	12.4	7.4	2.4	0.4	0.4	0.4
500	44.7	32.4	27.4	22.4	17.4	12.4	7.4	2.4	0.4	0.4	0.4
400	44.7	32.4	27.4	22.4	17.4	12.4	7.4	2.4	0.4	0.4	0.4
300	44.7	32.4	27.4	22.4	17.4	12.4	7.4	2.4	0.4	0.4	0.4
200	44.7	32.4	27.4	22.4	17.4	12.4	7.4	2.4	0.4	0.4	0.4
100	44.7	32.4	27.4	22.4	17.4	12.4	7.4	2.4	0.4	0.4	0.4
0	44.7	32.4	27.4	22.4	17.4	12.4	7.4	2.4	0.4	0.4	0.4

TOTAL NUMBER OF OBSERVATIONS 21

TABLE 1. - Ceilings Versus Visibility







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

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

164530  
STATION

GELA ITALY  
STATION NAME

73-82  
YEARS

Jul  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1200-1400  
TIME PERIOD

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	14.2	45.4	52.3	58.0	59.8	59.7	59.9	60.4	61.2	61.4	61.4	61.4	61.5	61.5	61.5	61.5
≥ 20000	14.3	46.2	53.3	58.9	59.7	60.9	61.0	61.5	62.5	62.6	62.6	62.6	62.6	62.8	62.8	62.8
≥ 18000	14.9	46.2	53.3	58.9	59.7	60.9	61.0	61.5	62.5	62.6	62.6	62.6	62.6	62.8	62.8	62.8
≥ 16000	14.3	46.2	53.3	58.9	59.7	60.9	61.0	61.5	62.5	62.6	62.6	62.6	62.6	62.8	62.8	62.8
≥ 14000	14.9	46.2	53.3	58.9	59.7	60.9	61.0	61.5	62.5	62.6	62.6	62.6	62.6	62.8	62.8	62.8
≥ 12000	14.8	46.2	53.3	58.9	59.7	60.9	61.0	61.5	62.5	62.6	62.6	62.6	62.6	62.8	62.8	62.8
≥ 10000	15.1	47.0	54.1	59.7	60.5	61.7	61.8	62.3	63.3	63.4	63.4	63.4	63.4	63.6	63.6	63.6
≥ 9000	15.3	47.3	54.4	60.1	60.9	62.0	62.2	62.6	63.6	63.8	63.8	63.8	63.8	63.9	63.9	63.9
≥ 8000	15.3	47.3	54.4	60.1	60.9	62.0	62.2	62.6	63.6	63.8	63.8	63.8	63.8	63.9	63.9	63.9
≥ 7000	15.3	47.3	54.4	60.1	60.9	62.0	62.2	62.6	63.6	63.8	63.8	63.8	63.8	63.9	63.9	63.9
≥ 6000	15.3	47.3	54.4	60.1	60.9	62.0	62.2	62.6	63.6	63.8	63.8	63.8	63.8	63.9	63.9	63.9
≥ 5000	15.3	81.5	88.6	94.2	95.0	96.1	96.3	96.8	97.7	97.9	97.9	97.9	97.9	98.1	98.1	98.1
≥ 4500	15.3	81.5	88.6	94.2	95.0	96.1	96.3	96.8	97.7	97.9	97.9	97.9	97.9	98.1	98.1	98.1
≥ 4000	15.3	81.5	88.6	94.2	95.0	96.1	96.3	96.8	97.7	97.9	97.9	97.9	97.9	98.1	98.1	98.1
≥ 3500	15.3	81.5	88.6	94.2	95.0	96.1	96.3	96.8	97.7	97.9	97.9	97.9	97.9	98.1	98.1	98.1
≥ 3000	15.6	81.8	88.9	94.5	95.3	96.5	96.6	97.1	98.1	98.2	98.2	98.2	98.4	98.4	98.4	98.4
≥ 2500	15.9	82.1	89.2	95.0	95.8	96.9	97.1	97.6	98.6	98.7	98.7	98.7	98.9	98.9	98.9	98.9
≥ 2000	15.9	82.8	89.9	95.7	96.5	97.6	97.7	98.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 1800	15.9	82.8	89.9	95.7	96.5	97.6	97.7	98.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 1500	15.9	82.8	89.9	95.7	96.5	97.6	97.7	98.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 1200	15.9	82.8	89.9	95.7	96.5	97.6	97.7	98.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 1000	15.9	82.8	89.9	95.7	96.5	97.6	97.7	98.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 900	15.9	82.8	89.9	95.7	96.5	97.6	97.7	98.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 800	15.9	82.8	89.9	95.7	96.5	97.6	97.7	98.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 700	15.9	82.8	89.9	95.7	96.5	97.6	97.7	98.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 600	15.9	82.8	89.9	95.7	96.5	97.6	97.7	98.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 500	15.9	82.8	89.9	95.7	96.5	97.6	97.7	98.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 400	15.9	82.8	89.9	95.7	96.5	97.6	97.7	98.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 300	15.9	82.8	89.9	95.7	96.5	97.6	97.7	98.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 200	15.9	82.8	89.9	95.7	96.5	97.6	97.7	98.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 100	15.9	82.8	89.9	95.7	96.5	97.6	97.7	98.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 0	15.9	82.8	89.9	95.7	96.5	97.6	97.7	98.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 621

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIP WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

16453C  
STATION

GELA ITALY  
STATION NAME

73-82  
YEARS

111  
DATE

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1500-1700  
TIME

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	15.5	45.7	53.2	59.0	59.7	60.8	60.8	61.2	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.9
≥ 20000	16.0	46.2	53.8	59.8	60.4	61.5	61.5	62.0	62.2	62.5	62.5	62.5	62.5	62.5	62.5	62.6
MIN 18000 MAX 6000	16.0	46.2	53.8	59.8	60.4	61.5	61.5	62.0	62.2	62.5	62.5	62.5	62.5	62.5	62.5	62.6
MIN 4000 MAX 2000	16.0	46.2	53.8	59.8	60.4	61.5	61.5	62.0	62.2	62.5	62.5	62.5	62.5	62.5	62.5	62.6
MIN 10000 MAX 9000	17.3	47.6	55.3	61.2	61.9	63.0	63.0	63.4	63.6	63.9	63.9	63.9	63.9	63.9	63.9	64.1
MIN 8000 MAX 7000	17.3	47.6	55.6	61.5	62.2	63.3	63.3	63.7	63.9	64.2	64.2	64.2	64.2	64.2	64.2	64.4
MIN 6000 MAX 5000	17.3	47.6	55.6	61.5	62.2	63.3	63.3	63.7	63.9	64.2	64.2	64.2	64.2	64.2	64.2	64.4
MIN 4500 MAX 4000	17.3	81.2	89.2	95.1	95.8	96.9	96.9	97.3	97.5	97.8	97.8	97.8	97.8	97.8	97.8	98.0
MIN 3500 MAX 3000	17.3	81.2	89.2	95.1	95.8	96.9	96.9	97.3	97.5	97.8	97.8	97.8	97.8	97.8	97.8	98.0
MIN 2500 MAX 2000	17.7	81.8	89.8	95.8	96.4	97.5	97.5	98.0	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.6
MIN 1800 MAX 1500	18.1	82.4	90.6	96.7	97.3	98.4	98.4	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.5
MIN 1200 MAX 1000	18.1	82.4	90.6	96.7	97.3	98.4	98.4	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.5
MIN 900 MAX 800	18.1	82.4	90.6	96.7	97.3	98.4	98.4	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.8
MIN 700 MAX 600	18.1	82.4	90.6	96.7	97.3	98.4	98.4	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.8
MIN 500 MAX 400	18.1	82.4	90.6	96.7	97.3	98.4	98.4	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.8
MIN 300 MAX 200	18.1	82.4	90.6	96.7	97.3	98.4	98.4	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.8
MIN 100 MAX 0	18.1	82.4	90.6	96.7	97.3	98.4	98.4	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.8

TOTAL NUMBER OF OBSERVATIONS 637

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/PAC

# CEILING VERSUS VISIBILITY

164530  
 STATION

GELA ITALY  
 STATION NAME

73-82  
 YEARS

1961  
 YEAR

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1800-2000  
 HOUR

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥0.75	≥0.5	≥0.25	≥0.16	≥0.1	≥0
NO CEILING	15.6	52.7	60.4	64.8	65.6	65.8	65.8	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 20000	15.6	52.9	60.8	65.2	66.0	66.2	66.2	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 18000	15.6	52.9	60.8	65.2	66.0	66.2	66.2	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 16000	15.6	52.9	60.8	65.2	66.0	66.2	66.2	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 14000	15.6	52.9	60.8	65.2	66.0	66.2	66.2	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 12000	15.6	52.9	60.8	65.2	66.0	66.2	66.2	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 10000	16.0	53.3	61.2	65.8	66.5	66.7	66.7	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 9000	16.2	53.5	61.5	66.2	66.9	67.1	67.1	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 8000	16.2	53.5	61.5	66.2	66.9	67.1	67.1	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 7000	16.2	53.5	61.5	66.2	66.9	67.1	67.1	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 6000	16.2	53.5	61.5	66.2	66.9	67.1	67.1	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 5000	16.2	85.0	93.1	97.7	98.5	98.7	98.7	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 4500	16.2	85.0	93.1	97.7	98.5	98.7	98.7	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 4000	16.2	85.0	93.1	97.7	98.5	98.7	98.7	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 3500	16.2	85.3	93.1	97.7	98.5	98.7	98.7	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 3000	16.3	85.2	93.3	97.9	98.7	98.8	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 2500	16.3	85.4	93.5	98.1	98.8	99.0	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 2000	16.3	85.6	93.7	98.3	99.0	99.2	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	16.3	85.6	93.7	98.3	99.0	99.2	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	16.3	85.6	93.7	98.3	99.0	99.2	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	16.3	85.6	93.7	98.3	99.0	99.2	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	16.3	85.6	93.7	98.3	99.0	99.2	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	16.3	85.6	93.7	98.3	99.0	99.2	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	16.3	85.6	93.7	98.3	99.0	99.2	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	16.3	85.6	93.7	98.3	99.0	99.2	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	16.3	85.6	93.7	98.3	99.0	99.2	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	16.3	85.6	93.7	98.3	99.0	99.2	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	16.3	85.6	93.7	98.3	99.0	99.2	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	16.3	85.6	93.7	98.3	99.0	99.2	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	16.3	85.6	93.7	98.3	99.0	99.2	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	16.3	85.6	93.7	98.3	99.0	99.2	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	16.3	85.6	93.7	98.3	99.0	99.2	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 520

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/PAC

# CEILING VERSUS VISIBILITY

164530  
STATION

GELA ITALY  
STATION NAME

73-82  
YEARS

JUL  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

2130-2300  
LOCAL TIME

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	24.1	90.1	88.5	93.7	95.8	96.9	96.9	97.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 20000	24.1	90.1	88.5	93.7	95.8	96.9	96.9	97.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 18000	24.1	90.1	88.5	93.7	95.8	96.9	96.9	97.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 16000	24.1	90.1	88.5	93.7	95.8	96.9	96.9	97.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 14000	24.1	90.1	88.5	93.7	95.8	96.9	96.9	97.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 12000	24.1	90.1	88.5	93.7	95.8	96.9	96.9	97.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 10000	24.1	90.4	88.8	94.1	96.2	97.2	97.2	97.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 9000	24.1	90.8	89.2	94.4	96.5	97.6	97.6	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 8000	24.1	90.8	89.2	94.4	96.5	97.6	97.6	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 7000	24.1	90.8	89.2	94.4	96.5	97.6	97.6	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 6000	24.1	90.8	89.2	94.4	96.5	97.6	97.6	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 5000	24.1	90.8	89.2	94.4	96.5	97.6	97.6	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 4500	24.1	90.8	89.2	94.4	96.5	97.6	97.6	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 4000	24.1	90.8	89.2	94.4	96.5	97.6	97.6	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 3500	24.1	90.8	89.2	94.4	96.5	97.6	97.6	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 3000	24.1	90.8	89.2	94.4	96.5	97.6	97.6	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 2500	24.1	91.1	89.5	94.8	96.9	97.9	97.9	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2000	24.1	91.5	89.9	95.1	97.2	98.6	98.6	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	24.1	91.5	89.9	95.1	97.2	98.6	98.6	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	24.1	91.5	89.9	95.1	97.2	98.6	98.6	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	24.1	91.5	89.9	95.1	97.2	98.6	98.6	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	24.1	91.5	89.9	95.1	97.2	98.6	98.6	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	24.1	91.5	89.9	95.1	97.2	98.6	98.6	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	24.1	91.5	89.9	95.1	97.2	98.6	98.6	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	24.1	91.5	89.9	95.1	97.2	98.6	98.6	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	24.1	91.5	89.9	95.1	97.2	98.6	98.6	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	24.1	91.5	89.9	95.1	97.2	98.6	98.6	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	24.1	91.5	89.9	95.1	97.2	98.6	98.6	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	24.1	91.5	89.9	95.1	97.2	98.6	98.6	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	24.1	91.5	89.9	95.1	97.2	98.6	98.6	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	24.1	91.5	89.9	95.1	97.2	98.6	98.6	99.0	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0
≥ 50	24.1	91.5	89.9	95.1	97.2	98.6	98.6	99.0	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 286

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIP WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

164530  
STATION

GELA ITALY  
STATION NAME

73-82  
YEARS

ALL  
MONTHS

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
MONTHS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	14.2	48.5	55.4	61.7	63.5	64.5	64.5	65.3	65.9	66.0	66.1	66.2	66.2	66.3	66.3	66.5
≥ 20000	14.4	48.8	55.8	62.2	64.0	65.0	65.0	65.8	66.5	66.5	66.6	66.7	66.8	66.8	66.8	67.0
18000	14.4	48.8	55.8	62.2	64.0	65.0	65.0	65.8	66.5	66.5	66.6	66.7	66.8	66.8	66.8	67.0
16000	14.4	48.8	55.8	62.2	64.0	65.0	65.0	65.8	66.5	66.5	66.6	66.7	66.8	66.8	66.8	67.0
14000	14.4	48.8	55.8	62.2	64.0	65.0	65.0	65.8	66.5	66.5	66.6	66.7	66.8	66.8	66.8	67.0
12000	14.4	48.8	55.8	62.2	64.0	65.0	65.0	65.8	66.5	66.6	66.7	66.8	66.8	66.8	66.8	67.1
10000	14.9	49.5	56.6	63.0	64.8	65.8	65.8	66.6	67.2	67.3	67.4	67.5	67.5	67.6	67.6	67.8
9000	15.0	49.9	57.1	63.5	65.4	66.4	66.4	67.2	67.9	68.0	68.1	68.2	68.2	68.2	68.2	68.5
8000	15.0	49.9	57.1	63.5	65.4	66.4	66.4	67.2	67.9	68.0	68.1	68.2	68.2	68.3	68.3	68.5
7000	15.0	49.9	57.1	63.5	65.4	66.4	66.4	67.2	67.9	68.0	68.1	68.2	68.2	68.3	68.3	68.5
6000	15.0	49.9	57.1	63.5	65.4	66.4	66.4	67.2	67.9	68.0	68.1	68.2	68.2	68.3	68.3	68.5
5000	15.0	79.8	87.0	93.4	95.3	96.3	96.3	97.1	97.7	97.8	97.9	98.0	98.0	98.1	98.1	98.3
4500	15.0	79.8	87.0	93.4	95.3	96.3	96.3	97.1	97.7	97.8	97.9	98.0	98.0	98.1	98.1	98.3
4000	15.0	79.8	87.0	93.4	95.3	96.3	96.3	97.1	97.7	97.8	97.9	98.0	98.0	98.1	98.1	98.3
3500	15.0	79.8	87.0	93.4	95.3	96.3	96.3	97.1	97.7	97.8	97.9	98.0	98.0	98.1	98.1	98.3
3000	15.2	79.9	87.1	93.6	95.4	96.4	96.5	97.3	97.9	98.0	98.1	98.2	98.2	98.3	98.3	98.5
2500	15.2	80.1	87.3	93.8	95.7	96.7	96.7	97.5	98.2	98.2	98.3	98.4	98.5	98.5	98.5	98.8
2000	15.3	80.3	87.6	94.2	96.1	97.1	97.1	97.9	98.6	98.7	98.8	98.9	98.9	99.0	99.0	99.2
1800	15.3	80.3	87.6	94.2	96.1	97.1	97.1	97.9	98.6	98.7	98.8	98.9	98.9	99.0	99.0	99.2
1500	15.3	80.3	87.6	94.2	96.1	97.1	97.1	97.9	98.6	98.7	98.8	98.9	98.9	99.0	99.0	99.2
1200	15.3	80.3	87.6	94.2	96.1	97.1	97.1	97.9	98.6	98.7	98.8	98.9	98.9	99.0	99.0	99.2
1000	15.3	80.3	87.6	94.2	96.1	97.1	97.1	97.9	98.6	98.7	98.8	98.9	98.9	99.0	99.0	99.3
900	15.3	80.3	87.6	94.2	96.1	97.1	97.1	97.9	98.6	98.7	98.8	98.9	98.9	99.0	99.0	99.3
800	15.3	80.3	87.6	94.2	96.1	97.1	97.1	97.9	98.6	98.7	98.8	98.9	98.9	99.0	99.0	99.3
700	15.3	80.3	87.6	94.2	96.1	97.1	97.1	97.9	98.6	98.7	98.8	98.9	98.9	99.0	99.0	99.3
600	15.3	80.3	87.6	94.2	96.1	97.1	97.1	97.9	98.6	98.7	98.8	98.9	98.9	99.0	99.0	99.3
500	15.3	80.3	87.6	94.2	96.1	97.1	97.1	97.9	98.6	98.7	98.8	98.9	98.9	99.0	99.0	99.3
400	15.3	80.3	87.6	94.2	96.1	97.1	97.1	97.9	98.6	98.7	98.8	98.9	98.9	99.0	99.0	99.3
300	15.3	80.3	87.6	94.2	96.1	97.1	97.1	97.9	98.6	98.7	98.8	98.9	98.9	99.0	99.1	99.4
200	15.3	80.3	87.6	94.2	96.1	97.1	97.1	97.9	98.6	98.7	98.8	98.9	99.0	99.1	99.1	99.4
100	15.3	80.3	87.6	94.2	96.1	97.1	97.1	97.9	98.6	98.7	98.8	98.9	99.0	99.1	99.2	99.6
0	15.3	80.3	87.6	94.2	96.1	97.1	97.1	97.9	98.6	98.7	98.8	98.9	99.0	99.1	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 3987

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

154530  
STATION

GELA ITALY  
STATION NAME

73-82  
YEARS

AUG  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-2200  
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥0.75	≥0.5	≥0.25	≥0.16	≥0.1	≥0
NO CEILING	27.8	76.4	83.8	87.6	90.0	92.3	92.3	93.1	93.4	93.8	93.8	93.8	94.2	94.2	94.2	94.6
≥ 20000	27.8	76.4	83.8	87.6	90.0	92.3	92.3	93.1	93.4	93.8	93.8	93.8	94.2	94.2	94.2	94.6
MIN 18000	27.8	76.4	83.8	87.6	90.0	92.3	92.3	93.1	93.4	93.8	93.8	93.8	94.2	94.2	94.2	94.6
MIN 16000	27.8	76.4	83.8	87.6	90.0	92.3	92.3	93.1	93.4	93.8	93.8	93.8	94.2	94.2	94.2	94.6
MIN 14000	27.8	76.4	83.8	87.6	90.0	92.3	92.3	93.1	93.4	93.8	93.8	93.8	94.2	94.2	94.2	94.6
MIN 12000	27.8	76.4	83.8	87.6	90.0	92.3	92.3	93.1	93.4	93.8	93.8	93.8	94.2	94.2	94.2	94.6
MIN 10000	28.2	77.2	84.6	88.4	91.7	93.1	93.1	93.8	94.2	94.6	94.6	94.6	95.0	95.0	95.0	95.4
MIN 9000	28.2	77.6	85.3	89.2	91.9	94.2	94.2	95.0	95.4	95.8	95.8	95.8	96.1	96.1	96.1	96.5
MIN 8000	28.2	77.6	85.3	89.2	91.9	94.2	94.2	95.0	95.4	95.8	95.8	95.8	96.1	96.1	96.1	96.5
MIN 7000	28.2	77.6	85.3	89.2	91.9	94.2	94.2	95.0	95.4	95.8	95.8	95.8	96.1	96.1	96.1	96.5
MIN 6000	28.2	77.6	85.3	89.2	91.9	94.2	94.2	95.0	95.4	95.8	95.8	95.8	96.1	96.1	96.1	96.5
MIN 5000	28.2	79.2	86.9	90.7	93.4	95.8	95.8	96.5	96.9	97.3	97.3	97.3	97.7	97.7	97.7	98.1
MIN 4500	28.2	79.2	86.9	90.7	93.4	95.8	95.8	96.5	96.9	97.3	97.3	97.3	97.7	97.7	97.7	98.1
MIN 4000	28.2	79.2	86.9	90.7	93.4	95.8	95.8	96.5	96.9	97.3	97.3	97.3	97.7	97.7	97.7	98.1
MIN 3500	28.2	79.2	86.9	90.7	93.4	95.8	95.8	96.5	96.9	97.3	97.3	97.3	97.7	97.7	97.7	98.1
MIN 3000	28.6	79.5	87.3	91.1	93.8	96.1	96.1	96.9	97.3	97.7	97.7	97.7	98.1	98.1	98.1	98.5
MIN 2500	28.6	79.5	87.6	91.5	94.6	96.9	96.9	97.7	98.1	98.5	98.5	98.5	98.8	98.8	98.8	99.2
MIN 2000	29.0	80.3	88.4	92.3	95.4	97.7	97.7	98.5	98.8	99.2	99.2	99.2	99.6	99.6	99.6	100.0
MIN 1800	29.0	80.3	88.4	92.3	95.4	97.7	97.7	98.5	98.8	99.2	99.2	99.2	99.6	99.6	99.6	100.0
MIN 1500	29.0	80.3	88.4	92.3	95.4	97.7	97.7	98.5	98.8	99.2	99.2	99.2	99.6	99.6	99.6	100.0
MIN 1200	29.0	80.3	88.4	92.3	95.4	97.7	97.7	98.5	98.8	99.2	99.2	99.2	99.6	99.6	99.6	100.0
MIN 1000	29.0	80.3	88.4	92.3	95.4	97.7	97.7	98.5	98.8	99.2	99.2	99.2	99.6	99.6	99.6	100.0
MIN 900	29.0	80.3	88.4	92.3	95.4	97.7	97.7	98.5	98.8	99.2	99.2	99.2	99.6	99.6	99.6	100.0
MIN 800	29.0	80.3	88.4	92.3	95.4	97.7	97.7	98.5	98.8	99.2	99.2	99.2	99.6	99.6	99.6	100.0
MIN 700	29.0	80.3	88.4	92.3	95.4	97.7	97.7	98.5	98.8	99.2	99.2	99.2	99.6	99.6	99.6	100.0
MIN 600	29.0	80.3	88.4	92.3	95.4	97.7	97.7	98.5	98.8	99.2	99.2	99.2	99.6	99.6	99.6	100.0
MIN 500	29.0	80.3	88.4	92.3	95.4	97.7	97.7	98.5	98.8	99.2	99.2	99.2	99.6	99.6	99.6	100.0
MIN 400	29.0	80.3	88.4	92.3	95.4	97.7	97.7	98.5	98.8	99.2	99.2	99.2	99.6	99.6	99.6	100.0
MIN 300	29.0	80.3	88.4	92.3	95.4	97.7	97.7	98.5	98.8	99.2	99.2	99.2	99.6	99.6	99.6	100.0
MIN 200	29.0	80.3	88.4	92.3	95.4	97.7	97.7	98.5	98.8	99.2	99.2	99.2	99.6	99.6	99.6	100.0
MIN 100	29.0	80.3	88.4	92.3	95.4	97.7	97.7	98.5	98.8	99.2	99.2	99.2	99.6	99.6	99.6	100.0
MIN 0	29.0	80.3	88.4	92.3	95.4	97.7	97.7	98.5	98.8	99.2	99.2	99.2	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 259



GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

164530  
STATION

GELA ITALY  
STATION NAME

73-82  
YEARS

ALG  
FORM

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500  
TIME

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	19.7	48.5	56.9	61.6	64.0	66.5	66.5	67.5	67.7	67.7	68.0	68.0	68.2	68.5	68.5	68.5
≥ 20000	19.7	48.5	56.9	61.6	64.0	66.5	66.5	67.5	67.7	67.7	68.0	68.0	68.2	68.5	68.5	68.5
≥ 18000	19.7	48.5	56.9	61.6	64.0	66.5	66.5	67.5	67.7	67.7	68.0	68.0	68.2	68.5	68.5	68.5
≥ 16000	19.7	48.5	56.9	61.6	64.0	66.5	66.5	67.5	67.7	67.7	68.0	68.0	68.2	68.5	68.5	68.5
≥ 14000	19.7	48.5	56.9	61.6	64.0	66.5	66.5	67.5	67.7	67.7	68.0	68.0	68.2	68.5	68.5	68.5
≥ 12000	19.7	48.8	57.1	61.8	64.3	66.7	66.7	67.7	68.0	68.0	68.2	68.2	68.5	68.7	68.7	68.7
≥ 10000	20.2	49.3	58.1	63.1	65.5	68.0	68.0	69.0	69.2	69.2	69.5	69.5	69.7	70.0	70.0	70.0
≥ 9000	20.9	50.5	59.6	64.5	67.0	69.5	69.5	70.4	70.7	70.7	70.9	70.9	71.2	71.4	71.4	71.4
≥ 8000	20.9	50.5	59.6	64.5	67.0	69.5	69.5	70.4	70.7	70.7	70.9	70.9	71.2	71.4	71.4	71.4
≥ 7000	20.9	50.5	59.6	64.5	67.0	69.5	69.5	70.4	70.7	70.7	70.9	70.9	71.2	71.4	71.4	71.4
≥ 6000	20.9	50.5	59.6	64.5	67.0	69.5	69.5	70.4	70.7	70.7	70.9	70.9	71.2	71.4	71.4	71.4
≥ 5000	20.9	50.5	59.6	64.5	67.0	69.5	69.5	70.4	70.7	70.7	70.9	70.9	71.2	71.4	71.4	71.4
≥ 4500	20.9	76.8	86.0	90.9	93.3	95.8	95.8	96.8	97.0	97.0	97.3	97.3	97.5	97.8	97.8	97.8
≥ 4000	20.9	76.8	86.0	90.9	93.3	95.8	95.8	96.8	97.0	97.0	97.3	97.3	97.5	97.8	97.8	97.8
≥ 3500	20.9	76.8	86.0	90.9	93.3	95.8	95.8	96.8	97.0	97.0	97.3	97.3	97.5	97.8	97.8	97.8
≥ 3000	20.9	77.1	86.2	91.1	93.6	96.1	96.1	97.0	97.3	97.3	97.5	97.5	97.8	98.0	98.0	98.0
≥ 2500	21.2	77.6	87.2	92.4	94.8	97.3	97.3	98.3	98.5	98.5	98.8	98.8	99.0	99.3	99.3	99.3
≥ 2000	21.2	77.6	87.2	92.4	94.8	97.3	97.3	98.3	98.5	98.5	98.8	98.8	99.0	99.3	99.3	99.3
≥ 1800	21.2	77.6	87.2	92.4	94.8	97.3	97.3	98.3	98.5	98.5	98.8	98.8	99.0	99.3	99.3	99.3
≥ 1500	21.4	78.3	87.9	93.1	95.6	98.0	98.0	99.0	99.3	99.3	99.5	99.5	99.8	100.0	100.0	100.0
≥ 1200	21.4	78.3	87.9	93.1	95.6	98.0	98.0	99.0	99.3	99.3	99.5	99.5	99.8	100.0	100.0	100.0
≥ 1000	21.4	78.3	87.9	93.1	95.6	98.0	98.0	99.0	99.3	99.3	99.5	99.5	99.8	100.0	100.0	100.0
≥ 900	21.4	78.3	87.9	93.1	95.6	98.0	98.0	99.0	99.3	99.3	99.5	99.5	99.8	100.0	100.0	100.0
≥ 800	21.4	78.3	87.9	93.1	95.6	98.0	98.0	99.0	99.3	99.3	99.5	99.5	99.8	100.0	100.0	100.0
≥ 700	21.4	78.3	87.9	93.1	95.6	98.0	98.0	99.0	99.3	99.3	99.5	99.5	99.8	100.0	100.0	100.0
≥ 600	21.4	78.3	87.9	93.1	95.6	98.0	98.0	99.0	99.3	99.3	99.5	99.5	99.8	100.0	100.0	100.0
≥ 500	21.4	78.3	87.9	93.1	95.6	98.0	98.0	99.0	99.3	99.3	99.5	99.5	99.8	100.0	100.0	100.0
≥ 400	21.4	78.3	87.9	93.1	95.6	98.0	98.0	99.0	99.3	99.3	99.5	99.5	99.8	100.0	100.0	100.0
≥ 300	21.4	78.3	87.9	93.1	95.6	98.0	98.0	99.0	99.3	99.3	99.5	99.5	99.8	100.0	100.0	100.0
≥ 200	21.4	78.3	87.9	93.1	95.6	98.0	98.0	99.0	99.3	99.3	99.5	99.5	99.8	100.0	100.0	100.0
≥ 100	21.4	78.3	87.9	93.1	95.6	98.0	98.0	99.0	99.3	99.3	99.5	99.5	99.8	100.0	100.0	100.0
≥ 0	21.4	78.3	87.9	93.1	95.6	98.0	98.0	99.0	99.3	99.3	99.5	99.5	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 876

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

164530  
STATION

GELA ITALY  
STATION NAME

73-82  
YEARS

AUG  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0600  
LOCAL TIME

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	10.6	35.8	43.2	50.8	52.7	54.4	54.4	54.7	54.0	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 20000	17.6	35.8	43.2	50.8	52.7	54.4	54.4	54.7	54.9	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 18000	10.6	35.8	43.2	50.8	52.7	54.4	54.4	54.7	54.9	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 16000	10.6	35.8	43.2	50.8	52.7	54.4	54.4	54.7	54.9	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 14000	10.6	35.8	43.2	50.8	52.7	54.4	54.4	54.7	54.9	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 12000	10.6	36.0	43.4	50.9	52.8	54.5	54.5	54.9	55.1	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 10000	11.1	37.0	44.8	52.7	54.5	56.3	56.3	56.6	56.8	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 9000	11.3	37.4	45.5	53.5	55.4	57.1	57.1	57.5	57.6	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 8000	11.3	37.4	45.5	53.5	55.4	57.1	57.1	57.5	57.6	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 7000	11.3	37.4	45.5	53.5	55.4	57.1	57.1	57.5	57.6	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 6000	11.3	37.4	45.5	53.5	55.4	57.1	57.1	57.5	57.6	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 5000	11.3	74.3	82.3	90.4	92.3	94.0	94.0	94.3	94.5	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 4500	11.3	74.3	82.3	90.4	92.3	94.0	94.0	94.3	94.5	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 4000	11.3	74.3	82.3	90.4	92.3	94.0	94.0	94.3	94.5	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 3500	11.5	74.4	82.5	90.6	92.5	94.2	94.2	94.5	94.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 3000	11.8	75.1	83.2	91.4	93.3	95.0	95.0	95.4	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2500	12.2	75.6	83.9	92.3	94.2	95.9	95.9	96.4	96.6	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 2000	12.5	76.3	85.2	93.8	95.9	97.6	97.6	98.1	98.3	98.8	98.8	98.8	98.8	99.0	99.0	99.0
≥ 1800	12.5	76.3	85.2	93.8	95.9	97.6	97.6	98.1	98.3	98.8	98.8	98.8	98.8	99.0	99.0	99.0
≥ 1500	12.5	76.5	85.4	94.0	96.1	97.8	97.8	98.3	98.5	99.0	99.0	99.0	99.0	99.1	99.1	99.1
≥ 1200	12.5	76.5	85.4	94.0	96.1	97.8	97.8	98.3	98.5	99.0	99.0	99.0	99.0	99.1	99.1	99.1
≥ 1000	12.5	76.5	85.4	94.0	96.1	97.8	97.8	98.3	98.5	99.0	99.0	99.0	99.0	99.1	99.1	99.1
≥ 900	12.5	76.5	85.4	94.0	96.1	97.8	97.8	98.3	98.5	99.0	99.0	99.0	99.0	99.1	99.1	99.1
≥ 800	12.5	76.5	85.4	94.0	96.1	97.8	97.8	98.3	98.5	99.0	99.0	99.0	99.0	99.1	99.1	99.1
≥ 700	12.5	76.5	85.4	94.0	96.1	97.8	97.8	98.3	98.5	99.0	99.0	99.0	99.0	99.1	99.1	99.1
≥ 600	12.5	76.5	85.4	94.0	96.1	97.8	97.8	98.3	98.5	99.0	99.0	99.0	99.0	99.1	99.1	99.1
≥ 500	12.5	76.5	85.4	94.0	96.1	97.8	97.8	98.3	98.5	99.0	99.0	99.0	99.0	99.1	99.1	99.1
≥ 400	12.5	76.5	85.4	94.0	96.1	97.8	97.8	98.3	98.5	99.0	99.0	99.0	99.0	99.1	99.1	99.1
≥ 300	12.5	76.5	85.4	94.0	96.1	97.8	97.8	98.3	98.5	99.0	99.0	99.0	99.0	99.1	99.1	99.3
≥ 200	12.5	76.5	85.4	94.0	96.1	97.8	97.8	98.3	98.5	99.0	99.0	99.0	99.0	99.1	99.1	99.3
≥ 100	12.5	76.5	85.4	94.0	96.1	97.8	97.8	98.3	98.5	99.0	99.0	99.0	99.0	99.1	99.1	99.3
≥ 0	12.5	76.5	85.4	94.0	96.1	97.8	97.8	98.3	98.5	99.0	99.0	99.0	99.0	99.1	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 583

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

164530

GELA ITALY

STATION NAME

73-82

YEARS

1988

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

898-1100

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	13.3	38.0	46.4	53.0	55.4	57.1	57.1	57.9	58.6	58.6	58.6	58.6	58.6	58.6	58.7	58.7	59.0
≥ 20000	14.1	38.8	47.4	53.9	56.7	58.4	58.4	59.4	60.2	60.2	60.2	60.2	60.2	60.2	60.4	60.4	60.7
18000	14.1	33.8	47.4	53.9	56.7	58.4	58.4	59.4	60.2	60.2	60.2	60.2	60.2	60.2	60.4	60.4	60.7
16000	14.1	38.8	47.4	53.9	56.7	58.4	58.4	59.4	60.2	60.2	60.2	60.2	60.2	60.2	60.4	60.4	60.7
14000	14.1	33.8	47.4	53.9	56.7	58.4	58.4	59.4	60.2	60.2	60.2	60.2	60.2	60.2	60.4	60.4	60.7
12000	14.3	39.1	47.7	54.3	57.1	58.7	58.7	59.7	60.5	60.5	60.5	60.5	60.5	60.5	60.7	60.7	61.0
10000	15.8	41.6	50.2	56.7	59.5	61.2	61.2	62.2	63.2	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.7
9000	16.6	43.1	52.1	59.0	62.0	63.7	63.7	64.6	65.6	65.6	65.6	65.6	65.6	65.6	65.8	65.8	66.1
8000	16.6	43.1	52.1	59.0	62.0	63.7	63.7	64.6	65.6	65.6	65.6	65.6	65.6	65.6	65.8	65.8	66.1
7000	16.6	43.1	52.1	59.0	62.0	63.7	63.7	64.6	65.6	65.6	65.6	65.6	65.6	65.6	65.8	65.8	66.1
6000	16.6	43.1	52.1	59.0	62.0	63.7	63.7	64.6	65.6	65.6	65.6	65.6	65.6	65.6	65.8	65.8	66.1
5000	16.6	73.4	82.4	89.3	92.3	93.9	93.9	94.9	95.9	95.9	95.9	95.9	95.9	95.9	96.1	96.1	96.4
4500	16.6	73.4	82.4	89.3	92.3	93.9	93.9	94.9	95.9	95.9	95.9	95.9	95.9	95.9	96.1	96.1	96.4
4000	16.6	73.4	82.4	89.3	92.3	93.9	93.9	94.9	95.9	95.9	95.9	95.9	95.9	95.9	96.1	96.1	96.4
3500	16.6	73.4	82.4	89.3	92.3	93.9	93.9	94.9	95.9	95.9	95.9	95.9	95.9	95.9	96.1	96.1	96.4
3000	17.3	74.5	83.6	90.5	93.4	95.1	95.1	96.1	97.0	97.0	97.0	97.0	97.0	97.0	97.2	97.2	97.5
2500	17.8	75.3	84.4	91.3	94.2	95.9	95.9	96.9	97.9	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.4
2000	18.4	76.2	85.2	92.1	95.1	96.7	96.7	97.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	99.2
1800	13.4	76.2	85.2	92.1	95.1	96.7	96.7	97.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	99.2
1500	18.4	76.3	85.4	92.3	95.2	96.9	96.9	97.9	98.8	98.8	98.8	98.8	98.8	98.8	99.0	99.0	99.3
1200	18.4	76.3	85.4	92.3	95.2	96.9	96.9	97.9	98.8	98.8	98.8	98.8	98.8	98.8	99.0	99.0	99.3
1000	18.4	76.3	85.4	92.3	95.2	96.9	96.9	97.9	98.8	98.8	98.8	98.8	98.8	98.8	99.0	99.0	99.5
900	18.4	76.3	85.4	92.3	95.2	96.9	96.9	97.9	98.8	98.8	98.8	98.8	98.8	98.8	99.0	99.0	99.5
800	18.4	76.3	85.4	92.3	95.2	96.9	96.9	97.9	98.8	98.8	98.8	98.8	98.8	98.8	99.0	99.0	99.5
700	18.4	76.3	85.4	92.3	95.2	96.9	96.9	97.9	98.8	98.8	98.8	98.8	98.8	98.8	99.0	99.0	99.5
600	18.4	76.3	85.4	92.3	95.2	96.9	96.9	97.9	98.8	98.8	98.8	98.8	98.8	98.8	99.0	99.0	99.5
500	18.4	76.3	85.4	92.3	95.2	96.9	96.9	97.9	98.8	98.8	98.8	98.8	98.8	98.8	99.0	99.0	99.5
400	18.4	76.3	85.4	92.3	95.2	96.9	96.9	97.9	98.8	98.8	98.8	98.8	98.8	98.8	99.0	99.0	99.5
300	18.4	76.3	85.4	92.3	95.2	96.9	96.9	97.9	98.8	98.8	98.8	98.8	98.8	98.8	99.0	99.0	99.5
200	18.4	76.3	85.4	92.3	95.2	96.9	96.9	97.9	98.8	98.8	98.8	98.8	98.8	98.8	99.0	99.0	99.5
100	18.4	76.3	85.4	92.3	95.2	96.9	96.9	97.9	98.8	98.8	98.8	98.8	98.8	98.8	99.0	99.0	99.5
0	18.4	76.3	85.4	92.3	95.2	96.9	96.9	97.9	98.8	98.8	98.8	98.8	98.8	98.8	99.0	99.0	99.5

TOTAL NUMBER OF OBSERVATIONS 608

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

164530

GELA ITALY

73-82

ANC

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1237-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥0.75	≥0.5	≥0.25	≥0.16	≥0.1	≥0
NO CEILING	18.6	49.2	55.4	60.9	61.4	61.9	61.9	62.1	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7
≥20000	19.0	50.0	56.9	62.7	63.7	64.5	64.5	64.7	65.2	65.2	65.4	65.4	65.4	65.4	65.4	65.4
≥18000	19.0	50.0	56.9	62.7	63.7	64.5	64.5	64.7	65.2	65.2	65.4	65.4	65.4	65.4	65.4	65.4
≥16000	19.0	50.0	56.9	62.7	63.7	64.5	64.5	64.7	65.2	65.2	65.4	65.4	65.4	65.4	65.4	65.4
≥14000	19.0	50.0	56.9	62.7	63.7	64.5	64.5	64.7	65.2	65.2	65.4	65.4	65.4	65.4	65.4	65.4
≥12000	19.0	50.0	57.0	62.9	63.9	64.7	64.7	64.9	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5
≥10000	20.1	52.6	60.1	66.3	67.3	68.1	68.1	68.3	68.8	68.8	69.0	69.0	69.0	69.0	69.0	69.0
≥9000	20.4	53.4	60.9	67.2	68.8	69.8	69.8	69.9	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.6
≥8000	20.4	53.4	60.9	67.2	68.8	69.8	69.8	69.9	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.6
≥7000	20.4	53.4	60.9	67.2	68.8	69.8	69.8	69.9	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.6
≥6000	20.4	53.4	60.9	67.2	68.8	69.8	69.8	69.9	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.6
≥5000	20.4	80.6	88.1	94.3	95.9	96.9	96.9	97.1	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7
≥4500	20.4	80.6	88.1	94.3	95.9	96.9	96.9	97.1	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7
≥4000	20.4	80.6	88.1	94.3	95.9	96.9	96.9	97.1	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7
≥3500	20.4	80.6	88.1	94.3	95.9	96.9	96.9	97.1	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7
≥3000	21.1	81.4	89.9	95.1	96.7	97.7	97.7	97.9	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5
≥2500	21.6	82.0	89.5	95.8	97.4	98.4	98.4	98.5	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2
≥2000	21.6	82.0	89.7	95.9	97.5	98.7	98.7	98.9	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥1800	21.6	82.0	89.7	95.9	97.5	98.7	98.7	98.9	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥1500	21.6	82.0	89.7	95.9	97.5	98.7	98.7	98.9	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥1200	21.6	82.0	89.7	95.9	97.5	98.7	98.7	98.9	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥1000	21.6	82.0	89.7	95.9	97.5	98.7	98.7	98.9	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥900	21.6	82.0	89.7	95.9	97.5	98.7	98.7	98.9	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥800	21.6	82.0	89.7	95.9	97.5	98.7	98.7	98.9	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥700	21.6	82.0	89.7	95.9	97.5	98.7	98.7	98.9	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥600	21.6	82.0	89.7	95.9	97.5	98.7	98.7	98.9	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥500	21.7	82.2	89.9	96.1	97.7	98.9	98.9	99.0	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥400	21.7	82.2	89.9	96.1	97.7	98.9	98.9	99.0	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥300	21.7	82.2	89.9	96.1	97.7	98.9	98.9	99.0	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥200	21.7	82.2	89.9	96.1	97.7	98.9	98.9	99.0	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥100	21.7	82.2	89.9	96.1	97.7	98.9	98.9	99.0	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥0	21.7	82.2	89.9	96.1	97.7	98.9	98.9	99.0	99.5	99.7	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 612

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

164530 GELA ITALY

73-82

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	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	23.0	47.5	55.2	59.0	60.9	61.8	61.8	62.1	62.1	62.3	62.4	62.4	62.4	62.6	62.6	62.6
≥ 20000	20.4	42.5	56.4	60.5	62.4	63.4	63.4	63.7	63.7	63.9	64.0	64.0	64.0	64.2	64.2	64.2
≥ 18000	20.4	42.5	56.4	60.5	62.4	63.4	63.4	63.7	63.7	63.9	64.0	64.0	64.0	64.2	64.2	64.2
≥ 16000	21.4	42.5	56.4	61.5	62.4	63.4	63.4	63.7	63.7	63.9	64.0	64.0	64.0	64.2	64.2	64.2
≥ 14000	20.4	42.5	56.4	60.5	62.4	63.4	63.4	63.7	63.7	63.9	64.0	64.0	64.0	64.2	64.2	64.2
≥ 12000	21.4	42.5	56.4	61.0	62.4	63.4	63.4	63.7	63.7	63.9	64.0	64.0	64.0	64.2	64.2	64.2
≥ 10000	22.7	51.3	59.3	63.4	65.3	66.2	66.2	66.6	66.6	66.7	66.9	66.9	66.9	67.0	67.0	67.0
≥ 9000	23.1	52.9	61.0	65.3	67.5	68.5	68.5	68.8	68.8	68.9	69.1	69.1	69.1	69.3	69.3	69.3
≥ 8000	23.1	52.9	61.0	65.3	67.5	68.5	68.5	68.8	68.8	68.9	69.1	69.1	69.1	69.3	69.3	69.3
≥ 7000	23.1	52.9	61.0	65.3	67.5	68.5	68.5	68.8	68.8	68.9	69.1	69.1	69.1	69.3	69.3	69.3
≥ 6000	23.1	52.9	61.0	65.3	67.5	68.5	68.5	68.8	68.8	68.9	69.1	69.1	69.1	69.3	69.3	69.3
≥ 5000	23.1	51.5	89.5	93.8	96.0	97.0	97.0	97.3	97.3	97.5	97.6	97.6	97.6	97.8	97.8	97.8
≥ 4500	23.1	51.5	89.5	93.8	96.0	97.0	97.0	97.3	97.3	97.5	97.6	97.6	97.6	97.8	97.8	97.8
≥ 4000	23.1	51.5	89.5	93.8	96.0	97.0	97.0	97.3	97.3	97.5	97.6	97.6	97.6	97.8	97.8	97.8
≥ 3500	23.1	51.5	89.5	93.8	96.0	97.0	97.0	97.3	97.3	97.5	97.6	97.6	97.6	97.8	97.8	97.8
≥ 3000	23.3	82.4	97.6	95.1	97.3	98.3	98.3	98.6	98.6	98.7	98.9	98.9	98.9	99.0	99.0	99.0
≥ 2500	24.4	83.0	91.3	95.9	98.1	99.0	99.0	99.4	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8
≥ 2000	24.4	83.0	91.3	95.9	98.1	99.0	99.0	99.4	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8
≥ 1800	24.4	83.0	91.3	95.9	98.1	99.0	99.0	99.4	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8
≥ 1600	24.4	83.0	91.3	95.9	98.1	99.0	99.0	99.4	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8
≥ 1400	24.4	83.0	91.3	95.9	98.1	99.0	99.0	99.4	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8
≥ 1200	24.4	83.0	91.3	95.9	98.1	99.0	99.0	99.4	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8
≥ 1000	24.4	83.0	91.3	95.9	98.1	99.0	99.0	99.4	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8
≥ 900	24.4	83.0	91.3	95.9	98.1	99.0	99.0	99.4	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8
≥ 800	24.4	83.0	91.3	95.9	98.1	99.0	99.0	99.4	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8
≥ 700	24.4	83.0	91.3	95.9	98.1	99.0	99.0	99.4	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8
≥ 600	24.4	83.0	91.3	95.9	98.1	99.0	99.0	99.4	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8
≥ 500	24.4	83.0	91.3	95.9	98.1	99.0	99.0	99.4	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8
≥ 400	24.4	83.0	91.3	95.9	98.1	99.0	99.0	99.4	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8
≥ 300	24.4	83.0	91.3	95.9	98.1	99.0	99.0	99.4	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8
≥ 200	24.4	83.0	91.3	95.9	98.1	99.0	99.0	99.4	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8
≥ 100	24.4	83.0	91.3	95.9	98.1	99.0	99.0	99.4	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8
≥ 0	24.4	83.0	91.3	95.9	98.1	99.0	99.0	99.4	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 311

GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

104537  
STATION

GELA ITALY  
STATION NAME

73-82  
YEAR

10-2-2000  
DATE

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.1	≥0.05	≥0.01	
NO CEILING	17.9	51.6	59.6	63.7	64.5	65.3	65.3	66.9	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥20000	17.7	51.6	60.4	64.7	65.5	66.3	66.3	67.9	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥18000	17.9	51.8	60.4	64.7	65.7	66.5	66.5	68.1	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥16000	17.9	51.8	60.4	64.7	65.7	66.5	66.5	68.1	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥14000	17.7	51.8	60.4	64.7	65.7	66.5	66.5	68.1	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥12000	17.9	51.8	60.4	64.7	65.7	66.5	66.5	68.1	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥10000	18.7	54.2	63.3	67.5	68.5	69.3	69.3	70.9	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥8000	19.3	55.8	64.9	69.1	70.1	70.9	70.9	72.5	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥6000	19.3	55.8	64.9	69.1	70.1	70.9	70.9	72.5	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥4000	19.3	55.8	64.9	69.1	70.1	70.9	70.9	72.5	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥2000	19.3	55.8	64.9	69.1	70.1	70.9	70.9	72.5	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥1000	19.3	55.8	64.9	69.1	70.1	70.9	70.9	72.5	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥800	19.3	55.8	64.9	69.1	70.1	70.9	70.9	72.5	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥600	19.3	55.8	64.9	69.1	70.1	70.9	70.9	72.5	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥400	19.3	55.8	64.9	69.1	70.1	70.9	70.9	72.5	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥200	20.7	80.7	89.8	94.3	95.0	95.8	95.8	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥100	21.5	81.9	91.0	95.2	97.0	97.8	97.8	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥80	21.5	81.9	91.0	95.2	97.0	97.8	97.8	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥60	21.5	81.9	91.0	95.2	97.0	97.8	97.8	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥40	21.5	81.9	91.0	95.2	97.0	97.8	97.8	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥20	21.5	81.9	91.0	95.2	97.0	97.8	97.8	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥10	21.5	81.9	91.0	95.2	97.0	97.8	97.8	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥5	21.5	81.9	91.0	95.2	97.0	97.8	97.8	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥2	21.5	81.9	91.0	95.2	97.0	97.8	97.8	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥1	21.5	81.9	91.0	95.2	97.0	97.8	97.8	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 498

GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

164537  
 STATION

GELA ITALY  
 STATION NAME

73-82  
 YEAR

Aug  
 MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥	≥1.5	≥1	≥.5	≥.25	≥.2	≥.15	≥.1	≥.05
≥20000	29.7	77.8	85.0	91.7	93.2	95.1	95.1	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥18000	29.7	77.8	85.0	91.7	93.2	95.1	95.1	95.5	95.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2
≥16000	29.7	77.8	85.0	91.7	93.2	95.1	95.1	95.5	95.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2
≥14000	29.7	77.8	85.0	91.7	93.2	95.1	95.1	95.5	95.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2
≥12000	29.7	77.8	85.0	91.7	93.2	95.1	95.1	95.5	95.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2
≥10000	29.7	79.3	86.5	93.2	94.7	96.6	96.6	97.0	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7
≥9000	30.1	79.7	86.8	94.0	95.5	97.4	97.4	97.7	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5
≥8000	30.1	79.7	86.8	94.0	95.5	97.4	97.4	97.7	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5
≥7000	30.1	79.7	86.8	94.0	95.5	97.4	97.4	97.7	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5
≥6000	30.1	80.1	87.2	94.4	95.9	97.7	97.7	98.1	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9
≥5000	30.1	80.1	87.2	94.4	95.9	97.7	97.7	98.1	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9
≥4500	30.1	80.1	87.2	94.4	95.9	97.7	97.7	98.1	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9
≥4000	30.1	80.1	87.2	94.4	95.9	97.7	97.7	98.1	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9
≥3500	30.1	80.1	87.2	94.4	95.9	97.7	97.7	98.1	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9
≥3000	30.5	80.8	88.3	95.1	96.6	98.5	98.5	98.9	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6
≥2500	30.5	80.8	88.3	95.1	96.6	98.5	98.5	98.9	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6
≥2000	30.5	80.8	88.3	95.1	96.6	98.5	98.5	98.9	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6
≥1500	30.5	80.8	88.3	95.5	97.0	98.9	98.9	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥1000	30.5	80.8	88.3	95.5	97.0	98.9	98.9	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥900	30.5	80.8	88.3	95.5	97.0	98.9	98.9	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥800	30.5	80.8	88.3	95.5	97.0	98.9	98.9	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥700	30.5	80.8	88.3	95.5	97.0	98.9	98.9	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥600	30.5	80.8	88.3	95.5	97.0	98.9	98.9	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥500	30.5	80.8	88.3	95.5	97.0	98.9	98.9	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥400	30.5	80.8	88.3	95.5	97.0	98.9	98.9	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥300	30.5	80.8	88.3	95.5	97.0	98.9	98.9	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥200	30.5	80.8	88.3	95.5	97.0	98.9	98.9	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥100	30.5	80.8	88.3	95.5	97.0	98.9	98.9	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 266

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

164530  
STATION

GELA ITALY  
STATION NAME

73-82  
YEAR

ALL  
PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	13.5	49.2	56.7	62.2	63.8	65.2	65.2	65.9	66.2	66.3	66.4	66.4	66.5	66.6	66.6	66.7
≥20000	18.5	49.6	57.4	63.0	64.8	66.2	65.2	66.9	67.3	67.4	67.5	67.5	67.6	67.6	67.6	67.7
≥18000	13.5	49.6	57.4	63.0	64.8	66.3	66.3	66.9	67.3	67.4	67.5	67.5	67.6	67.7	67.7	67.8
≥16000	13.5	49.6	57.4	63.0	64.8	66.3	66.3	66.9	67.3	67.4	67.5	67.5	67.6	67.7	67.7	67.8
≥14000	18.5	49.6	57.4	63.0	64.8	66.3	66.3	66.9	67.3	67.4	67.5	67.5	67.6	67.7	67.7	67.8
≥12000	18.5	49.8	57.6	63.2	65.0	66.5	66.5	67.1	67.5	67.6	67.7	67.7	67.8	67.8	67.9	68.0
≥10000	19.4	51.7	59.7	65.4	67.3	68.7	69.7	69.4	69.8	69.9	70.0	70.0	70.0	70.1	70.1	70.2
≥9000	20.0	52.7	61.0	66.8	68.9	70.3	70.3	71.0	71.4	71.5	71.6	71.6	71.7	71.8	71.8	71.9
≥8000	20.0	52.7	61.0	66.8	68.9	70.3	70.3	71.0	71.4	71.5	71.6	71.6	71.7	71.8	71.8	71.9
≥7000	20.0	52.7	61.0	66.8	68.9	70.3	70.3	71.0	71.4	71.5	71.6	71.6	71.7	71.8	71.8	71.9
≥6000	20.0	52.8	61.0	66.8	68.9	70.4	70.4	71.0	71.4	71.6	71.7	71.7	71.8	71.8	71.9	71.9
≥5000	20.0	77.9	86.2	92.0	94.0	95.5	95.5	96.2	96.6	96.7	96.8	96.8	96.9	96.9	96.9	97.0
≥4500	20.0	77.9	86.2	92.0	94.0	95.5	95.5	96.2	96.6	96.7	96.8	96.8	96.9	96.9	96.9	97.0
≥4000	20.0	77.9	86.2	92.0	94.0	95.5	95.5	96.2	96.6	96.7	96.8	96.8	96.9	96.9	96.9	97.0
≥3500	20.0	77.9	86.2	92.0	94.1	95.5	95.5	96.2	96.6	96.7	96.8	96.8	96.9	97.0	97.0	97.1
≥3000	20.5	78.6	86.9	92.8	94.8	96.3	96.3	96.9	97.3	97.5	97.6	97.6	97.6	97.7	97.7	97.8
≥2500	20.9	79.2	87.6	93.5	95.6	97.0	97.0	97.7	98.1	98.3	98.4	98.4	98.4	98.5	98.5	98.6
≥2000	21.2	79.7	88.3	94.2	96.4	97.9	97.9	98.6	99.0	99.2	99.3	99.3	99.3	99.4	99.4	99.5
≥1800	21.2	79.7	88.3	94.3	96.5	98.0	98.0	98.7	99.0	99.2	99.3	99.3	99.4	99.5	99.5	99.6
≥1600	21.3	79.9	88.4	94.4	96.6	98.1	98.1	98.8	99.2	99.3	99.4	99.4	99.5	99.6	99.6	99.7
≥1400	21.3	79.9	88.4	94.4	96.6	98.1	98.1	98.8	99.2	99.3	99.4	99.4	99.5	99.6	99.6	99.7
≥1200	21.3	79.9	88.4	94.4	96.6	98.1	98.1	98.8	99.2	99.3	99.4	99.4	99.5	99.6	99.6	99.7
≥1000	21.3	79.9	88.4	94.4	96.6	98.1	98.1	98.8	99.2	99.3	99.4	99.4	99.5	99.6	99.6	99.7
≥900	21.3	79.9	88.4	94.4	96.6	98.1	98.1	98.8	99.2	99.3	99.4	99.4	99.5	99.6	99.6	99.7
≥800	21.3	79.9	88.4	94.4	96.6	98.1	98.1	98.8	99.2	99.3	99.4	99.4	99.5	99.6	99.6	99.7
≥700	21.3	79.9	88.4	94.4	96.6	98.1	98.1	98.8	99.2	99.3	99.4	99.4	99.5	99.6	99.6	99.7
≥600	21.3	79.9	88.4	94.4	96.6	98.1	98.1	98.8	99.2	99.3	99.4	99.4	99.5	99.6	99.6	99.7
≥500	21.3	79.9	88.5	94.4	96.6	98.1	98.1	98.8	99.2	99.4	99.5	99.5	99.5	99.6	99.6	99.7
≥400	21.3	79.9	88.5	94.4	96.6	98.1	98.1	98.8	99.2	99.4	99.5	99.5	99.5	99.6	99.6	99.7
≥300	21.3	79.9	88.5	94.4	96.6	98.1	98.1	98.8	99.2	99.4	99.5	99.5	99.5	99.6	99.6	99.8
≥200	21.3	79.9	88.5	94.4	96.6	98.1	98.1	98.8	99.2	99.4	99.5	99.5	99.5	99.6	99.6	99.8
≥100	21.3	79.9	88.5	94.4	96.6	98.1	98.1	98.8	99.2	99.4	99.5	99.5	99.5	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 3863



GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

164530

VELA ITALY

73-82

SEP

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	
NO CEILING	28.2	77.6	82.7	88.6	88.6	86.6	33.6	98.6	89.4	89.4	89.4	89.4	89.4	89.4	89.8	89.8	89.8
≥ 20000	28.2	78.0	83.1	89.0	89.0	89.0	89.0	89.0	89.8	89.8	89.8	89.8	89.8	89.8	90.2	90.2	90.2
≥ 18000	28.2	78.0	83.1	89.0	89.0	89.0	89.0	89.0	89.8	89.8	89.8	89.8	89.8	89.8	90.2	90.2	90.2
≥ 16000	28.2	78.0	83.1	89.0	89.0	89.0	89.0	89.0	89.8	89.8	89.8	89.8	89.8	89.8	90.2	90.2	90.2
≥ 14000	28.2	78.0	83.1	89.0	89.0	89.0	89.0	89.0	89.8	89.8	89.8	89.8	89.8	89.8	90.2	90.2	90.2
≥ 12000	28.2	78.4	83.5	89.4	89.4	89.4	89.4	89.4	90.2	90.2	90.2	90.2	90.2	90.2	90.6	90.6	90.6
≥ 10000	28.6	80.4	85.5	91.4	91.4	91.4	91.4	91.4	92.2	92.2	92.2	92.2	92.2	92.2	92.5	92.5	92.5
≥ 9000	28.6	82.4	87.5	93.7	93.7	93.7	93.7	93.7	94.5	94.5	94.5	94.5	94.5	94.5	94.9	94.9	94.9
≥ 8000	28.6	82.4	87.5	93.7	93.7	93.7	93.7	93.7	94.5	94.5	94.5	94.5	94.5	94.5	94.9	94.9	94.9
≥ 7000	28.6	82.4	87.5	93.7	93.7	93.7	93.7	93.7	94.5	94.5	94.5	94.5	94.5	94.5	94.9	94.9	94.9
≥ 6000	28.6	82.4	87.5	93.7	93.7	93.7	93.7	93.7	94.5	94.5	94.5	94.5	94.5	94.5	94.9	94.9	94.9
≥ 5000	28.6	83.1	88.2	94.5	94.5	94.5	94.5	94.5	95.3	95.3	95.3	95.3	95.3	95.3	95.7	95.7	95.7
≥ 4500	28.6	83.1	88.2	94.5	94.5	94.5	94.5	94.5	95.3	95.3	95.3	95.3	95.3	95.3	95.7	95.7	95.7
≥ 4000	28.6	83.5	88.6	94.9	94.9	94.9	94.9	94.9	95.7	95.7	95.7	95.7	95.7	95.7	96.1	96.1	96.1
≥ 3500	28.6	83.5	88.6	94.9	94.9	94.9	94.9	94.9	95.7	95.7	95.7	95.7	95.7	95.7	96.1	96.1	96.1
≥ 3000	29.8	84.7	89.8	96.1	96.1	96.1	96.1	96.1	96.9	96.9	96.9	96.9	96.9	96.9	97.3	97.3	97.3
≥ 2500	30.2	85.1	90.6	96.9	96.9	96.9	96.9	96.9	97.6	97.6	97.6	97.6	97.6	97.6	98.0	98.0	98.0
≥ 2000	30.2	86.7	92.5	98.8	98.8	98.8	98.8	98.8	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0
≥ 1800	30.2	86.7	92.5	98.8	98.8	98.8	98.8	98.8	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0
≥ 1500	30.2	86.7	92.5	98.8	98.8	98.8	98.8	98.8	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0
≥ 1000	30.2	86.7	92.5	98.8	98.8	98.8	98.8	98.8	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0
≥ 800	30.2	86.7	92.5	98.8	98.8	98.8	98.8	98.8	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0
≥ 700	30.2	86.7	92.5	98.8	98.8	98.8	98.8	98.8	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0
≥ 600	30.2	86.7	92.5	98.8	98.8	98.8	98.8	98.8	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0
≥ 500	30.2	86.7	92.5	98.8	98.8	98.8	98.8	98.8	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0
≥ 400	30.2	86.7	92.5	98.8	98.8	98.8	98.8	98.8	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0
≥ 300	30.2	86.7	92.5	98.8	98.8	98.8	98.8	98.8	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0
≥ 200	30.2	86.7	92.5	98.8	98.8	98.8	98.8	98.8	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0
≥ 100	30.2	86.7	92.5	98.8	98.8	98.8	98.8	98.8	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0
≥	30.2	86.7	92.5	98.8	98.8	98.8	98.8	98.8	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 255

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

134530  
STATION

GELA ITALY  
STATION NAME

73-82  
YEARS

SEP  
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	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ .01	≥ 0
NO CEILING	22.7	53.1	57.7	67.5	62.0	63.0	63.0	63.0	63.0	63.0	63.0	63.2	63.2	63.2	63.2	63.2
≥ 20000	22.9	53.4	57.9	60.7	62.2	63.2	63.2	63.2	63.2	63.2	63.2	63.5	63.5	63.5	63.5	63.5
≥ 18000	22.9	53.4	57.9	60.7	62.2	63.2	63.2	63.2	63.2	63.2	63.2	63.5	63.5	63.5	63.5	63.5
≥ 16000	22.9	53.4	57.9	60.7	62.2	63.2	63.2	63.2	63.2	63.2	63.2	63.5	63.5	63.5	63.5	63.5
≥ 14000	22.9	53.4	57.9	60.7	62.2	63.2	63.2	63.2	63.2	63.2	63.2	63.5	63.5	63.5	63.5	63.5
≥ 12000	22.9	53.4	57.9	60.7	62.2	63.2	63.2	63.2	63.2	63.2	63.2	63.5	63.5	63.5	63.5	63.5
≥ 10000	24.7	55.4	67.7	63.5	65.0	66.0	66.0	66.0	66.0	66.0	66.0	66.2	66.2	66.2	66.2	66.2
≥ 9000	26.2	57.9	63.2	66.8	68.3	69.3	69.3	69.3	69.3	69.3	69.3	69.5	69.5	69.5	69.5	69.5
≥ 8000	26.2	58.2	63.5	67.0	68.5	69.5	69.5	69.5	69.5	69.5	69.5	69.8	69.8	69.8	69.8	69.8
≥ 7000	26.2	58.2	63.5	67.0	68.5	69.5	69.5	69.5	69.5	69.5	69.5	69.8	69.8	69.8	69.8	69.8
≥ 6000	26.2	58.2	63.5	67.0	68.5	69.5	69.5	69.5	69.5	69.5	69.5	69.8	69.8	69.8	69.8	69.8
≥ 5000	26.2	83.6	88.9	92.4	94.0	95.0	95.0	95.0	95.0	95.0	95.0	95.2	95.2	95.2	95.2	95.2
≥ 4500	26.2	83.6	88.9	92.4	94.0	95.0	95.0	95.0	95.0	95.0	95.0	95.2	95.2	95.2	95.2	95.2
≥ 4000	26.2	83.9	89.2	92.7	94.2	95.2	95.2	95.2	95.2	95.2	95.2	95.5	95.5	95.5	95.5	95.5
≥ 3500	26.2	83.9	89.2	92.7	94.2	95.2	95.2	95.2	95.2	95.2	95.2	95.5	95.5	95.5	95.5	95.5
≥ 3000	27.5	85.4	90.7	94.5	96.0	97.0	97.0	97.0	97.0	97.0	97.0	97.2	97.2	97.2	97.2	97.2
≥ 2500	27.5	85.4	91.2	95.0	96.5	97.5	97.5	97.5	97.5	97.5	97.5	97.7	97.7	97.7	97.7	97.7
≥ 2000	28.2	86.4	92.7	96.7	98.2	99.2	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5
≥ 1800	28.2	86.4	92.7	96.7	98.2	99.2	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5
≥ 1500	28.5	86.9	93.2	97.2	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	28.5	86.9	93.2	97.2	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	28.5	86.9	93.2	97.2	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	28.5	86.9	93.2	97.2	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	28.5	86.9	93.2	97.2	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	28.5	86.9	93.2	97.2	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	28.5	86.9	93.2	97.2	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	28.5	86.9	93.2	97.2	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	28.5	86.9	93.2	97.2	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	28.5	86.9	93.2	97.2	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	28.5	86.9	93.2	97.2	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	28.5	86.9	93.2	97.2	98.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	28.5	86.9	93.2	97.2	98.7	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 397

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

154530  
STATION

GELA ITALY  
STATION NAME

73-82  
YEAR

SEP  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

0500-0800  
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	16.2	41.6	44.2	50.2	50.9	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 20000	16.6	42.2	44.9	51.4	52.0	52.7	52.7	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 18000	16.6	42.2	44.9	51.4	52.0	52.7	52.7	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 16000	16.6	42.2	44.9	51.4	52.0	52.7	52.7	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 14000	16.6	42.2	44.9	51.4	52.0	52.7	52.7	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 12000	16.6	42.3	45.1	51.5	52.2	52.9	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 10000	20.1	47.8	51.2	57.8	58.5	59.2	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 9000	22.7	51.0	54.8	61.4	62.1	62.8	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 8000	22.7	51.0	54.8	61.4	62.1	62.8	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 7000	22.7	51.0	54.8	61.4	62.1	62.8	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 6000	22.7	51.0	54.8	61.4	62.1	62.8	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 5000	22.7	82.8	86.5	93.2	93.9	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 4500	22.7	82.8	86.5	93.2	93.9	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 4000	22.7	82.9	86.7	93.3	94.0	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 3500	22.7	82.9	86.7	93.3	94.0	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 3000	23.7	84.3	88.1	94.9	95.6	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 2500	23.4	86.2	90.6	97.6	98.6	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2000	24.2	86.2	90.6	97.6	98.6	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	24.2	86.3	90.8	97.8	98.8	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1500	24.2	86.3	90.8	97.8	98.8	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	24.2	86.5	91.0	98.0	99.0	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	24.2	86.5	91.0	98.0	99.0	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	24.2	86.5	91.0	98.0	99.0	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	24.2	86.5	91.0	98.0	99.0	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	24.2	86.5	91.0	98.0	99.0	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	24.2	86.5	91.0	98.0	99.0	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	24.2	86.5	91.0	98.0	99.0	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	24.2	86.5	91.0	98.0	99.0	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	24.2	86.5	91.0	98.0	99.0	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	24.2	86.5	91.0	98.0	99.0	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	24.2	86.5	91.0	98.0	99.0	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	24.2	86.5	91.0	98.0	99.0	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 586

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AFC WEATHER SERVICE/PAC

# CEILING VERSUS VISIBILITY

144530  
STATION

GELA ITALY  
STATION NAME

73-82  
YEAR

SEP  
MO.

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1997-1100  
NO.

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥0.75	≥0.5	≥0.25	≥0.1	≥0.05	≥0
NO CEILING	23.0	47.0	51.1	55.3	56.1	56.4	56.4	56.5	56.7	56.7	56.7	56.9	56.9	56.9	56.9	57.0
≥ 20000	24.3	48.7	53.2	57.5	58.3	58.6	58.6	58.8	58.9	58.9	58.9	59.1	59.1	59.1	59.1	59.3
≥ 18000	24.3	48.7	53.2	57.5	58.3	58.6	58.6	58.8	58.9	58.9	58.9	59.1	59.1	59.1	59.1	59.3
≥ 16000	24.3	43.7	53.2	57.5	58.3	58.6	58.6	58.8	58.9	58.9	58.9	59.1	59.1	59.1	59.1	59.3
≥ 14000	24.3	48.7	53.2	57.5	58.3	58.6	58.6	58.8	58.9	58.9	58.9	59.1	59.1	59.1	59.1	59.3
≥ 12000	24.4	48.9	53.4	57.7	58.5	58.8	58.8	58.9	59.1	59.1	59.1	59.3	59.3	59.3	59.3	59.4
≥ 10000	26.3	52.2	57.3	62.1	62.9	63.3	63.3	63.4	63.6	63.6	63.6	63.7	63.7	63.7	63.7	63.9
≥ 9000	28.4	54.8	59.9	64.7	65.5	65.8	65.8	66.0	66.1	66.1	66.1	66.3	66.3	66.3	66.3	66.5
≥ 8000	28.4	55.1	60.2	65.0	65.8	66.1	66.1	66.3	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.8
≥ 7000	28.4	55.1	60.2	65.0	65.8	66.1	66.1	66.3	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.8
≥ 6000	28.4	55.1	60.2	65.0	65.8	66.1	66.1	66.3	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.8
≥ 5000	29.4	84.7	89.8	94.6	95.4	95.7	95.7	95.8	96.0	96.0	96.0	96.2	96.2	96.2	96.2	96.3
≥ 4500	28.4	84.7	89.8	94.6	95.4	95.7	95.7	95.8	96.0	96.0	96.0	96.2	96.2	96.2	96.2	96.3
≥ 4000	28.4	84.8	89.9	94.7	95.5	95.8	95.8	96.0	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.5
≥ 3500	28.4	84.8	89.9	94.7	95.5	95.8	95.8	96.0	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.5
≥ 3000	29.2	85.6	90.7	95.7	96.5	96.8	96.8	97.0	97.1	97.1	97.1	97.3	97.3	97.3	97.3	97.4
≥ 2500	29.4	95.9	91.1	96.2	97.0	97.4	97.4	97.6	97.8	97.8	97.8	97.9	97.9	97.9	97.9	98.1
≥ 2000	30.5	87.4	92.5	97.9	98.7	99.2	99.2	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.8
≥ 1800	30.5	87.4	92.5	97.9	98.7	99.2	99.2	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.8
≥ 1500	30.7	87.5	92.7	98.1	98.9	99.4	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 1200	30.7	87.5	92.7	98.1	98.9	99.4	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 1000	30.7	87.5	92.7	98.1	98.9	99.4	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 900	30.7	87.5	92.7	98.1	98.9	99.4	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 800	30.7	87.5	92.7	98.1	98.9	99.4	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 700	30.7	87.5	92.7	98.1	98.9	99.4	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 600	30.7	87.5	92.7	98.1	98.9	99.4	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 500	30.7	87.5	92.7	98.1	98.9	99.4	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 400	30.7	87.5	92.7	98.1	98.9	99.4	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 300	30.7	87.5	92.7	98.1	98.9	99.4	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 200	30.7	87.5	92.7	98.1	98.9	99.4	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 100	30.7	87.5	92.7	98.1	98.9	99.4	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 0	30.7	87.5	92.7	98.1	98.9	99.4	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 626

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

164530  
STATION

GELA ITALY  
STATION NAME

73-82  
YEAR

SLP  
UNIT

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO FILING	28.7	54.6	59.9	61.5	62.4	62.6	62.6	62.9	62.9	63.2	63.4	63.4	63.4	63.4	63.4	63.4
≥ 20000	30.7	57.1	62.8	64.4	65.3	65.5	65.5	65.8	65.8	66.1	66.3	66.3	66.3	66.3	66.3	66.3
≥ 18000	30.7	57.1	62.8	64.4	65.3	65.5	65.5	65.8	65.8	66.1	66.3	66.3	66.3	66.3	66.3	66.3
≥ 16000	30.7	57.1	62.8	64.4	65.3	65.5	65.5	65.8	65.8	66.1	66.3	66.3	66.3	66.3	66.3	66.3
≥ 14000	30.7	57.1	62.8	64.4	65.3	65.5	65.5	65.8	65.8	66.1	66.3	66.3	66.3	66.3	66.3	66.3
≥ 12000	30.7	57.1	62.8	64.4	65.3	65.5	65.5	65.8	65.8	66.1	66.3	66.3	66.3	66.3	66.3	66.3
≥ 10000	34.7	63.1	68.7	70.5	71.4	71.6	71.6	71.9	71.9	72.2	72.4	72.4	72.4	72.4	72.4	72.4
≥ 9000	35.6	64.8	70.5	72.2	73.2	73.4	73.4	73.7	73.7	74.0	74.2	74.2	74.2	74.2	74.2	74.2
≥ 8000	35.6	64.8	70.5	72.2	73.2	73.4	73.4	73.7	73.7	74.0	74.2	74.2	74.2	74.2	74.2	74.2
≥ 7000	35.6	64.8	70.5	72.2	73.2	73.4	73.4	73.7	73.7	74.0	74.2	74.2	74.2	74.2	74.2	74.2
≥ 6000	35.6	64.8	70.5	72.2	73.2	73.4	73.4	73.7	73.7	74.0	74.2	74.2	74.2	74.2	74.2	74.2
≥ 5000	35.6	64.8	70.5	72.2	73.2	73.4	73.4	73.7	73.7	74.0	74.2	74.2	74.2	74.2	74.2	74.2
≥ 4500	35.6	65.1	90.7	92.5	93.4	93.6	93.6	93.9	93.9	94.2	94.4	94.4	94.4	94.4	94.4	94.4
≥ 4000	35.6	65.1	90.7	92.5	93.4	93.6	93.6	93.9	93.9	94.2	94.4	94.4	94.4	94.4	94.4	94.4
≥ 3500	35.6	65.1	90.7	92.5	93.4	93.6	93.6	93.9	93.9	94.2	94.4	94.4	94.4	94.4	94.4	94.4
≥ 3000	35.6	65.1	90.7	92.5	93.4	93.6	93.6	93.9	93.9	94.2	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2500	36.4	86.0	91.7	93.9	94.9	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8
≥ 2000	37.1	87.2	92.8	95.0	96.0	96.1	96.1	96.5	96.5	96.8	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1800	38.4	89.4	95.2	97.6	98.6	98.7	98.7	99.0	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1500	38.8	89.9	95.7	98.1	99.0	99.2	99.2	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	38.8	89.9	95.7	98.1	99.0	99.2	99.2	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	38.8	89.9	95.7	98.1	99.0	99.2	99.2	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	38.8	89.9	95.7	98.1	99.0	99.2	99.2	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	38.8	89.9	95.7	98.1	99.0	99.2	99.2	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	38.8	89.9	95.7	98.1	99.0	99.2	99.2	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	38.8	89.9	95.7	98.1	99.0	99.2	99.2	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	38.8	89.9	95.7	98.1	99.0	99.2	99.2	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	38.8	89.9	95.7	98.1	99.0	99.2	99.2	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	38.8	89.9	95.7	98.1	99.0	99.2	99.2	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	38.8	89.9	95.7	98.1	99.0	99.2	99.2	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	38.8	89.9	95.7	98.1	99.0	99.2	99.2	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 50	38.8	89.9	95.7	98.1	99.0	99.2	99.2	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 623

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR FATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

154530 GELA ITALY 73-82 SEP 15 1700  
 STATION NAME YEAR MONTH DAY TIME  
 PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0.005	≥0.0025	≥0.001
NO. CEILING	23.4	53.9	56.1	58.9	59.3	59.6	59.6	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥20000	31.4	56.7	59.0	61.8	62.3	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥18000	30.4	56.7	59.0	61.8	62.3	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥16000	30.4	56.7	59.0	61.8	62.3	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥14000	30.4	56.7	59.0	61.8	62.3	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥12000	30.7	57.3	59.8	62.6	63.0	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥10000	35.2	64.1	66.5	69.7	70.2	70.5	70.5	70.5	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥9000	37.1	67.1	69.9	72.8	73.3	73.6	73.6	73.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥8000	37.3	67.5	70.3	73.3	73.8	74.1	74.1	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥7000	37.3	67.5	70.3	73.3	73.8	74.1	74.1	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥6000	37.3	67.5	70.3	73.3	73.8	74.1	74.1	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥5000	37.3	88.8	91.6	94.6	95.0	95.3	95.3	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥4500	37.3	88.8	91.6	94.6	95.0	95.3	95.3	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥4000	37.4	89.0	91.8	94.9	95.3	95.7	95.7	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥3500	37.4	89.0	91.8	94.9	95.3	95.7	95.7	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥3000	38.4	90.5	93.3	96.4	96.9	97.2	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥2500	39.4	92.1	94.9	98.0	98.4	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥2000	39.8	92.9	95.7	98.8	99.2	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1800	39.8	92.9	95.7	98.8	99.2	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1600	39.8	92.9	95.7	98.8	99.2	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1400	39.8	92.9	95.7	98.8	99.2	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1200	39.8	92.9	95.7	98.8	99.2	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1000	39.8	92.9	95.7	98.8	99.2	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥900	39.8	92.9	95.7	98.8	99.2	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥800	39.8	92.9	95.7	98.8	99.2	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥700	39.8	92.9	95.7	98.8	99.2	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥600	39.8	92.9	95.7	98.8	99.2	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥500	39.8	92.9	95.7	98.8	99.2	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥400	39.8	92.9	95.7	98.8	99.2	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥300	39.8	92.9	95.7	98.8	99.2	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥200	39.8	92.9	95.7	98.8	99.2	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥100	39.8	92.9	95.7	98.8	99.2	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥50	39.8	92.9	95.7	98.8	99.2	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 643

GLOBAL CLIMATOLOGY BRANCH  
 US AF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

164530 WELA ITALY STATION NAME 73-87 YEAR SEP 18-30-2000  
 PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

NO. 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
≥ 20000	19.7	52.6	55.9	57.5	57.9	58.3	58.3	58.3	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 18000	21.1	56.6	59.9	61.6	62.0	62.4	62.4	62.4	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 16000	21.1	56.6	59.9	61.6	62.0	62.4	62.4	62.4	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 14000	21.1	56.6	59.9	61.6	62.0	62.4	62.4	62.4	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 12000	21.1	56.6	59.9	61.6	62.0	62.4	62.4	62.4	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 10000	25.8	64.2	68.5	70.6	71.0	71.4	71.4	71.4	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 9000	25.8	64.2	68.5	70.6	71.0	71.4	71.4	71.4	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 8000	26.6	66.5	70.8	72.8	73.6	74.0	74.0	74.0	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 7000	26.6	66.5	70.8	72.8	73.6	74.0	74.0	74.0	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 6000	26.6	66.5	70.8	72.8	73.6	74.0	74.0	74.0	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 5000	26.6	66.5	70.8	72.8	73.6	74.0	74.0	74.0	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 4500	26.6	84.7	89.0	91.0	91.8	92.2	92.2	92.2	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 4000	26.6	84.7	89.0	91.0	91.8	92.2	92.2	92.2	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 3500	26.6	84.9	89.2	91.6	92.4	92.8	92.8	92.8	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 3000	26.6	84.9	89.2	91.6	92.4	92.8	92.8	92.8	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 2500	28.7	87.1	91.6	94.1	94.9	95.5	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2000	28.8	88.5	93.1	95.5	96.3	96.9	96.9	96.9	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1800	29.9	90.2	94.9	97.5	98.8	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	29.9	90.2	94.9	97.5	98.8	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	29.9	90.2	94.9	97.5	98.8	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	29.9	90.2	94.9	97.5	98.8	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	29.9	90.2	94.9	97.5	98.8	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	29.9	90.2	94.9	97.5	98.8	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	29.9	90.2	94.9	97.5	98.8	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	29.9	90.2	94.9	97.5	98.8	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	29.9	90.2	94.9	97.5	98.8	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	29.9	90.2	94.9	97.5	98.8	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	29.9	90.2	94.9	97.5	98.8	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	29.9	90.2	94.9	97.5	98.8	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	29.9	90.2	94.9	97.5	98.8	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 885

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

164030  
STATION

GELA ITALY  
STATION NAME

73-82  
YEAR

SEP  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STAT. IN MILES														
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥1/64	≥1/128	≥1/256
NO. CEILING	25.5	78.4	83.0	86.3	86.3	89.7	89.7	89.8	89.7	89.8	89.7	89.7	89.8	89.8	89.8
≥20000	26.3	79.2	84.7	87.1	87.1	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥18000	26.3	79.2	84.7	87.1	87.1	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥16000	26.3	79.2	84.7	87.1	87.1	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥14000	26.3	79.2	84.7	87.1	87.1	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥12000	26.7	85.0	85.5	87.8	87.8	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥10000	27.3	83.1	88.6	91.0	91.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥9000	28.2	84.7	90.6	93.3	93.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥8000	28.2	84.7	90.6	93.3	93.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥7000	28.2	84.7	90.6	93.3	93.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥6000	28.2	84.7	90.6	93.3	93.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥5000	28.2	85.1	91.0	93.7	94.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥4500	28.2	85.1	91.0	93.7	94.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥4000	28.2	85.1	91.0	93.7	94.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥3500	28.2	85.1	91.0	93.7	94.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥3000	29.0	85.9	91.8	94.5	94.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥2500	29.0	85.9	92.2	94.9	95.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥2000	29.0	86.7	93.3	96.5	96.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1800	29.0	86.7	93.3	96.5	96.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1600	29.0	86.7	93.3	96.5	96.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1400	29.0	86.7	93.3	96.5	96.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1200	29.0	86.7	93.3	96.5	96.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥1000	29.0	86.7	93.3	96.5	96.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥900	29.0	86.7	93.3	96.5	96.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥800	29.0	86.7	93.3	96.5	96.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥700	29.0	86.7	93.3	96.5	96.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥600	29.0	86.7	93.3	96.5	96.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥500	29.0	86.7	93.3	96.5	96.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥400	29.0	86.7	93.3	96.5	96.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥300	29.0	86.7	93.3	96.5	96.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥200	29.0	86.7	93.3	96.5	96.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥100	29.0	86.7	93.3	96.5	96.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥50	29.0	86.7	93.3	96.5	96.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥20	29.0	86.7	93.3	96.5	96.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥10	29.0	86.7	93.3	96.5	96.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 255



GLOBAL CLIMATOLOGY BRANCH  
 US AF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

184530  
STATION

GELA ITALY  
STATION NAME

73-87  
YEAR

SEP  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .8	≥ .6	≥ .5	≥ .4	≥ .3	≥ .2
NO CEILING	23.3	54.0	57.8	61.1	61.8	62.4	62.4	62.5	62.6	62.7	62.7	62.8	62.9	62.8	62.8	62.8
≥ 2000	25.0	55.3	59.8	63.3	63.9	64.5	64.5	64.6	64.8	64.8	64.9	64.9	64.9	64.9	64.9	65.0
≥ 1800	25.7	55.8	59.8	63.3	63.9	64.5	64.5	64.6	64.8	64.8	64.9	64.9	64.9	64.9	64.9	65.0
≥ 1600	25.7	55.8	59.8	63.3	63.9	64.5	64.5	64.6	64.8	64.8	64.9	64.9	64.9	64.9	64.9	65.0
≥ 1400	25.0	55.8	59.8	63.3	63.9	64.5	64.5	64.6	64.8	64.8	64.9	64.9	64.9	64.9	64.9	65.0
≥ 1200	25.1	56.2	60.2	63.6	64.3	64.9	64.9	65.0	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3
≥ 1000	28.3	61.0	65.5	69.1	69.8	70.4	70.4	70.5	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.9
≥ 900	29.6	63.5	68.0	71.8	72.5	73.1	73.1	73.3	73.4	73.5	73.5	73.6	73.6	73.6	73.6	73.6
≥ 800	29.6	63.6	68.2	71.9	72.7	73.3	73.3	73.4	73.6	73.7	73.7	73.7	73.7	73.8	73.8	73.8
≥ 700	29.6	63.6	68.2	71.9	72.7	73.3	73.3	73.4	73.6	73.7	73.7	73.7	73.7	73.8	73.8	73.8
≥ 600	29.6	63.6	68.2	71.9	72.7	73.3	73.3	73.4	73.6	73.7	73.7	73.7	73.8	73.8	73.8	73.8
≥ 500	29.6	65.0	69.5	73.3	74.0	74.6	74.6	74.8	74.9	75.0	75.0	75.1	75.1	75.1	75.1	75.1
≥ 450	29.6	65.0	69.5	73.3	74.0	74.6	74.6	74.8	74.9	75.0	75.0	75.1	75.1	75.1	75.1	75.1
≥ 400	29.7	65.1	69.7	73.6	74.3	74.9	74.9	75.0	75.2	75.3	75.3	75.4	75.4	75.4	75.4	75.4
≥ 350	29.7	65.1	69.7	73.6	74.3	74.9	74.9	75.0	75.2	75.3	75.3	75.4	75.4	75.4	75.4	75.4
≥ 300	30.7	66.4	71.0	75.0	75.8	76.4	76.4	76.5	76.7	76.7	76.8	76.8	76.8	76.9	76.9	76.9
≥ 250	31.1	67.2	71.9	75.9	76.7	77.4	77.4	77.5	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.9
≥ 200	31.9	68.6	73.5	77.8	78.6	79.3	79.3	79.4	79.6	79.7	79.7	79.7	79.7	79.8	79.8	79.8
≥ 180	31.9	68.6	73.6	77.8	78.6	79.3	79.3	79.5	79.6	79.7	79.7	79.8	79.8	79.8	79.8	79.8
≥ 150	32.1	68.8	73.7	77.9	78.8	79.5	79.5	79.6	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9
≥ 100	32.1	68.8	73.8	78.0	78.8	79.5	79.5	79.6	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 90	32.1	68.8	73.8	78.0	78.8	79.5	79.5	79.6	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 80	32.1	68.8	73.8	78.0	78.8	79.5	79.5	79.6	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 70	32.1	68.8	73.8	78.0	78.8	79.5	79.5	79.6	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 60	32.1	68.8	73.8	78.0	78.8	79.5	79.5	79.6	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 50	32.1	68.8	73.8	78.0	78.8	79.5	79.5	79.6	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 40	32.1	68.8	73.8	78.0	78.8	79.5	79.5	79.6	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 30	32.1	68.8	73.8	78.0	78.8	79.5	79.5	79.6	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 20	32.1	68.8	73.8	78.0	78.8	79.5	79.5	79.6	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 10	32.1	68.8	73.8	78.0	78.8	79.5	79.5	79.6	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9

TOTAL NUMBER OF OBSERVATIONS 3875

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/PAC

# CEILING VERSUS VISIBILITY

164530  
STATION

GELA ITALY  
STATION NAME

73-87  
YEARS

067  
PERIOD

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1000-0200

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	37.9	67.6	71.1	73.0	73.8	74.6	74.6	75.0	75.0	75.0	75.4	75.4	75.4	75.4	75.4	75.8
≥ 20000	37.9	68.4	71.9	73.8	75.0	75.8	75.8	76.2	76.2	76.2	76.6	76.6	76.6	76.6	76.6	77.0
≥ 18000	37.9	68.4	71.9	73.8	75.0	75.8	75.8	76.2	76.2	76.2	76.6	76.6	76.6	76.6	76.6	77.0
≥ 16000	37.9	68.4	71.9	73.8	75.0	75.8	75.8	76.2	76.2	76.2	76.6	76.6	76.6	76.6	76.6	77.0
≥ 14000	37.9	68.4	71.9	73.8	75.0	75.8	75.8	76.2	76.2	76.2	76.6	76.6	76.6	76.6	76.6	77.0
≥ 12000	38.3	69.1	73.0	75.0	76.2	77.0	77.0	77.3	77.3	77.3	77.7	77.7	77.7	77.7	77.7	78.1
≥ 10000	39.5	73.0	77.0	78.9	80.1	80.9	80.9	81.3	81.3	81.3	81.6	81.6	81.6	81.6	81.6	82.0
≥ 9000	40.6	80.1	84.0	85.7	87.1	87.9	87.9	88.3	88.3	88.3	88.7	88.7	88.7	88.7	88.7	89.1
≥ 8000	40.6	80.1	84.4	86.3	87.5	88.3	88.3	88.7	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.5
≥ 7000	40.6	80.1	84.4	86.3	87.5	88.3	88.3	88.7	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.5
≥ 6000	40.6	80.1	84.4	86.3	87.5	88.3	88.3	88.7	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.5
≥ 5000	40.6	80.1	84.4	86.3	87.5	88.3	88.3	88.7	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.5
≥ 4500	40.6	80.1	84.4	86.3	87.5	88.3	88.3	88.7	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.5
≥ 4000	40.6	80.1	84.4	86.3	87.5	88.3	88.3	88.7	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.5
≥ 3500	40.6	80.1	84.4	86.3	87.5	88.3	88.3	88.7	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.5
≥ 3000	42.2	82.4	86.7	88.7	90.2	91.8	91.8	92.2	92.2	92.2	92.6	92.6	92.6	92.6	92.6	93.0
≥ 2500	42.6	83.6	87.9	89.8	91.4	93.0	93.0	93.4	93.4	93.4	93.8	93.8	93.8	93.8	93.8	94.1
≥ 2000	43.4	87.1	91.8	93.8	95.3	97.7	97.7	98.4	98.4	98.4	98.8	98.8	98.8	98.8	98.8	99.2
≥ 1800	43.4	87.1	91.8	93.8	95.3	97.7	97.7	98.4	98.4	98.4	98.8	98.8	98.8	98.8	98.8	99.2
≥ 1500	43.4	87.1	91.8	93.8	95.3	98.0	98.0	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.6
≥ 1000	43.4	87.5	92.2	94.1	95.7	98.4	98.4	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	100.0
≥ 900	43.4	87.5	92.2	94.1	95.7	98.4	98.4	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	100.0
≥ 800	43.4	87.5	92.2	94.1	95.7	98.4	98.4	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	100.0
≥ 700	43.4	87.5	92.2	94.1	95.7	98.4	98.4	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	100.0
≥ 600	43.4	87.5	92.2	94.1	95.7	98.4	98.4	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	100.0
≥ 500	43.4	87.5	92.2	94.1	95.7	98.4	98.4	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	100.0
≥ 400	43.4	87.5	92.2	94.1	95.7	98.4	98.4	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	100.0
≥ 300	43.4	87.5	92.2	94.1	95.7	98.4	98.4	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	100.0
≥ 200	43.4	87.5	92.2	94.1	95.7	98.4	98.4	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	100.0
≥ 100	43.4	87.5	92.2	94.1	95.7	98.4	98.4	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	100.0
≥ 0	43.4	87.5	92.2	94.1	95.7	98.4	98.4	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 256

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

144530

GELA ITALY

73-82

885

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0900

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	29.8	57.4	55.5	57.3	57.3	57.8	57.8	57.8	57.8	58.1	59.5	58.3	58.5	58.9	59.3	59.5
≥20000	31.0	53.7	56.0	57.8	57.8	58.3	58.3	58.3	58.3	58.5	59.0	59.0	59.0	59.0	59.3	60.1
≥18000	30.0	53.7	56.0	57.8	57.8	58.3	58.3	58.3	58.3	58.5	59.0	59.0	59.0	59.0	59.3	60.1
≥16000	30.0	53.7	56.0	57.8	57.8	58.3	58.3	58.3	58.3	58.5	59.0	59.0	59.0	59.0	59.3	60.1
≥14000	30.0	53.7	56.0	57.8	57.8	58.3	58.3	58.3	58.3	58.5	59.0	59.0	59.0	59.0	59.3	60.1
≥12000	30.0	53.7	56.0	57.8	57.8	58.3	58.3	58.3	58.3	58.5	59.0	59.0	59.0	59.0	59.3	60.1
≥10000	31.6	57.3	59.3	61.6	61.6	62.1	62.1	62.1	62.1	62.3	62.8	62.8	62.8	62.8	63.1	63.9
≥9000	32.6	61.1	64.6	66.4	66.4	66.9	66.9	66.9	66.9	67.2	67.7	67.7	67.7	67.7	67.9	68.7
≥8000	32.6	61.1	64.6	66.4	66.4	66.9	66.9	66.9	66.9	67.2	67.7	67.7	67.7	67.7	67.9	68.7
≥7000	32.6	61.1	64.6	66.4	66.4	66.9	66.9	66.9	66.9	67.2	67.7	67.7	67.7	67.7	67.9	68.7
≥6000	32.3	61.3	65.1	66.9	66.9	67.4	67.4	67.4	67.4	67.7	68.2	68.2	68.2	68.2	68.4	69.2
≥5000	32.3	61.3	65.1	66.9	66.9	67.4	67.4	67.4	67.4	67.7	68.2	68.2	68.2	68.2	68.4	69.2
≥4500	32.3	61.3	65.1	66.9	66.9	67.4	67.4	67.4	67.4	67.7	68.2	68.2	68.2	68.2	68.4	69.2
≥4000	32.3	61.3	65.1	66.9	66.9	67.4	67.4	67.4	67.4	67.7	68.2	68.2	68.2	68.2	68.4	69.2
≥3500	32.3	61.3	65.1	66.9	66.9	67.4	67.4	67.4	67.4	67.7	68.2	68.2	68.2	68.2	68.4	69.2
≥3000	32.3	61.3	65.1	66.9	66.9	67.4	67.4	67.4	67.4	67.7	68.2	68.2	68.2	68.2	68.4	69.2
≥2500	33.6	65.2	69.1	70.8	70.8	71.6	71.6	71.6	71.6	71.9	72.4	72.4	72.4	72.4	72.6	73.4
≥2000	35.1	67.3	71.1	72.9	72.9	74.4	74.4	74.4	74.4	74.7	75.2	75.2	75.2	75.2	75.4	76.2
≥1800	36.1	70.1	73.9	75.7	75.7	77.2	77.2	77.2	77.2	78.0	78.2	78.2	78.2	78.2	78.7	79.7
≥1600	36.1	70.1	73.9	75.7	75.7	77.2	77.2	77.2	77.2	78.0	78.2	78.2	78.2	78.2	78.7	79.7
≥1400	36.1	70.1	73.9	75.7	75.7	77.2	77.2	77.2	77.2	78.0	78.2	78.2	78.2	78.2	78.7	79.7
≥1200	36.1	70.1	73.9	75.7	75.7	77.2	77.2	77.2	77.2	78.0	78.2	78.2	78.2	78.2	78.7	79.7
≥1000	36.1	70.1	73.9	75.7	75.7	77.2	77.2	77.2	77.2	78.0	78.2	78.2	78.2	78.2	78.7	79.7
≥900	36.1	70.1	73.9	75.7	75.7	77.2	77.2	77.2	77.2	78.0	78.2	78.2	78.2	78.2	78.7	79.7
≥800	36.1	70.1	73.9	75.7	75.7	77.2	77.2	77.2	77.2	78.0	78.2	78.2	78.2	78.2	78.7	79.7
≥700	36.1	70.1	73.9	75.7	75.7	77.2	77.2	77.2	77.2	78.0	78.2	78.2	78.2	78.2	78.7	79.7
≥600	36.1	70.1	73.9	75.7	75.7	77.2	77.2	77.2	77.2	78.0	78.2	78.2	78.2	78.2	78.7	79.7
≥500	36.1	70.1	73.9	75.7	75.7	77.2	77.2	77.2	77.2	78.0	78.2	78.2	78.2	78.2	78.7	79.7
≥400	36.1	70.1	73.9	75.7	75.7	77.2	77.2	77.2	77.2	78.0	78.2	78.2	78.2	78.2	78.7	79.7
≥300	36.1	70.1	73.9	75.7	75.7	77.2	77.2	77.2	77.2	78.0	78.2	78.2	78.2	78.2	78.7	79.7
≥200	36.1	70.1	73.9	75.7	75.7	77.2	77.2	77.2	77.2	78.0	78.2	78.2	78.2	78.2	78.7	79.7
≥100	36.1	70.1	73.9	75.7	75.7	77.2	77.2	77.2	77.2	78.0	78.2	78.2	78.2	78.2	78.7	79.7

TOTAL NUMBER OF OBSERVATIONS 193

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14530  
STATION

VELA ITALY  
STATION NAME

73-82  
YEAR

207  
NO. OF DAYS

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1000-0000

CEILING FEET	VISIBILITY STATISTICS															
	20	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
10000	22.3	42.6	44.7	45.5	46.0	46.5	46.5	47.0	47.5	47.6	48.0	48.0	48.0	48.3	48.3	48.4
9000	23.2	44.4	46.6	47.5	48.0	48.4	48.4	48.9	49.4	49.6	49.9	49.9	49.9	50.2	50.2	50.4
8000	23.2	44.4	46.6	47.5	48.0	48.4	48.4	48.9	49.4	49.6	49.9	49.9	49.9	50.2	50.2	50.4
7000	23.2	44.4	46.6	47.5	48.0	48.4	48.4	48.9	49.4	49.6	49.9	49.9	49.9	50.2	50.2	50.4
6000	23.4	44.7	47.0	47.8	48.3	48.8	48.8	49.3	49.8	49.9	50.2	50.2	50.2	50.6	50.6	50.7
5000	28.2	52.2	54.5	56.1	58.6	57.1	57.1	57.6	58.1	58.3	58.6	58.6	58.6	58.9	58.9	59.1
4000	30.3	56.5	59.1	61.5	62.2	63.1	63.0	63.5	64.0	64.2	64.5	64.5	64.5	64.8	64.8	65.1
3000	30.4	56.6	59.2	61.7	62.4	63.2	63.2	63.7	64.2	64.3	64.6	64.6	64.6	64.6	65.0	65.1
2000	30.4	56.6	59.2	61.7	62.4	63.2	63.2	63.7	64.2	64.3	64.6	64.6	64.6	64.6	65.0	65.1
1000	30.4	84.0	86.6	89.0	89.7	90.5	90.5	91.0	91.5	91.7	92.0	92.0	92.0	92.3	92.3	92.5
0000	30.4	84.0	86.6	89.0	89.7	90.5	90.5	91.0	91.5	91.7	92.0	92.0	92.0	92.3	92.3	92.5
9000	31.9	96.3	89.9	91.8	92.5	93.3	93.3	93.8	94.3	94.4	94.8	94.8	94.8	95.1	95.1	95.3
8000	33.1	98.4	91.0	93.9	94.8	95.5	95.6	96.1	96.6	96.7	97.1	97.1	97.1	97.4	97.4	97.5
7000	33.9	99.7	92.5	95.6	96.4	97.4	97.4	97.9	98.4	98.5	98.9	98.9	98.9	99.2	99.2	99.3
6000	37.2	99.7	92.6	95.7	96.6	97.5	97.5	98.0	98.5	98.7	99.0	99.0	99.0	99.3	99.3	99.5
5000	34.0	90.0	93.0	96.1	96.9	97.9	97.9	98.4	98.9	99.0	99.3	99.3	99.3	99.7	99.7	99.8
4000	34.0	90.0	93.0	96.1	96.9	97.9	97.9	98.4	98.9	99.0	99.3	99.3	99.3	99.7	99.7	99.8
3000	34.0	90.0	93.0	96.1	96.9	97.9	97.9	98.4	98.9	99.0	99.3	99.3	99.3	99.7	99.7	99.8
2000	34.0	90.0	93.0	96.1	96.9	97.9	97.9	98.4	98.9	99.0	99.3	99.3	99.3	99.7	99.7	99.8
1000	34.0	90.0	93.0	96.1	96.9	97.9	97.9	98.4	98.9	99.0	99.3	99.3	99.3	99.7	99.7	99.8
0000	34.0	90.0	93.0	96.1	96.9	97.9	97.9	98.4	98.9	99.0	99.3	99.3	99.3	99.7	99.7	99.8

TOTAL NUMBER OF OBSERVATIONS 611

GENERAL CLIMATOLOGY BRANCH  
USAF ETAC  
AFW WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

184530

VELA ITALY

73-87

001

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

930-1100

ELEVATION FEET	VISIBILITY STATUTE MILES															
	200	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
20000	29.2	45.7	47.7	49.1	50.7	50.9	50.9	51.0	51.0	51.2	51.2	51.3	51.3	51.3	51.3	51.3
18000	31.4	45.0	51.0	52.9	54.5	54.7	54.7	54.8	54.8	55.0	55.0	55.1	55.1	55.1	55.1	55.1
16000	31.9	49.4	51.5	53.4	55.0	55.1	55.1	55.3	55.3	55.5	55.5	55.6	55.6	55.6	55.6	55.6
14000	31.9	49.4	51.5	53.4	55.0	55.1	55.1	55.3	55.3	55.5	55.5	55.6	55.6	55.6	55.6	55.6
12000	32.7	50.2	52.3	54.2	55.8	56.1	56.1	56.2	56.2	56.4	56.4	56.6	56.6	56.6	56.6	56.6
10000	35.4	55.3	58.0	59.9	61.5	61.8	61.8	61.9	61.9	62.1	62.1	62.2	62.2	62.2	62.2	62.2
8000	33.5	61.5	64.8	66.6	68.4	68.7	68.7	69.0	69.0	69.5	69.5	69.7	69.7	69.8	69.8	69.8
6000	33.7	61.6	64.9	67.0	69.6	68.9	68.9	69.2	69.5	69.7	69.7	69.8	69.8	70.1	70.1	70.1
4000	39.7	61.6	64.9	67.0	69.6	68.9	68.9	69.2	69.5	69.7	69.7	69.8	69.8	70.1	70.1	70.1
2000	34.7	82.9	86.3	88.3	89.9	90.2	90.2	90.5	90.8	91.0	91.0	91.2	91.2	91.5	91.5	91.5
0	33.9	83.1	86.4	88.5	90.0	90.4	90.4	90.7	91.0	91.2	91.2	91.3	91.3	91.6	91.6	91.6
20000	39.2	83.4	86.7	88.8	90.4	90.7	90.7	91.0	91.3	91.5	91.5	91.6	91.6	91.9	91.9	91.9
18000	40.5	86.1	89.4	91.6	93.2	93.5	93.5	93.8	94.2	94.3	94.3	94.5	94.5	94.8	94.8	94.8
16000	41.5	87.5	91.5	93.7	95.3	95.6	95.6	95.9	96.2	96.4	96.4	96.5	96.5	96.8	96.8	96.8
14000	42.3	83.8	93.0	96.1	97.6	97.9	97.9	98.3	98.6	98.7	98.7	99.1	99.1	99.4	99.4	99.4
12000	42.5	88.9	93.2	96.2	97.8	98.1	98.1	98.4	98.7	98.9	98.9	99.2	99.2	99.5	99.5	99.5
10000	42.5	88.9	93.2	96.2	97.8	98.4	98.4	98.7	99.1	99.2	99.2	99.5	99.5	99.8	99.8	99.8
8000	42.5	88.9	93.2	96.2	97.8	98.4	98.4	98.7	99.1	99.2	99.2	99.5	99.5	99.8	99.8	99.8
6000	42.5	88.9	93.2	96.2	97.8	98.4	98.4	98.7	99.1	99.2	99.2	99.5	99.5	99.8	99.8	99.8
4000	42.5	88.9	93.2	96.2	97.8	98.4	98.4	98.7	99.1	99.2	99.2	99.5	99.5	99.8	99.8	99.8
2000	42.5	88.9	93.2	96.2	97.8	98.4	98.4	98.7	99.1	99.2	99.2	99.5	99.5	99.8	99.8	99.8
0	42.7	89.1	93.4	96.4	97.9	98.6	98.6	98.9	99.2	99.4	99.4	99.7	99.7	100.0	100.0	100.0
	42.7	89.1	93.4	96.4	97.9	98.6	98.6	98.9	99.2	99.4	99.4	99.7	99.7	100.0	100.0	100.0
	42.7	89.1	93.4	96.4	97.9	98.6	98.6	98.9	99.2	99.4	99.4	99.7	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 633

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

164537 GELA ITALY

73-82

067

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	210	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
21000	34.5	55.1	56.4	56.9	57.7	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
20000	41.1	55.3	60.4	60.9	62.0	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
18000	41.1	55.3	67.4	68.9	62.0	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
16000	41.1	55.3	67.4	68.9	62.0	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
14000	41.1	55.3	67.4	68.9	62.0	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
12000	41.3	59.7	61.2	61.7	62.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
10000	46.9	66.9	69.5	69.9	71.0	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
9000	50.2	72.4	75.2	75.9	77.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
8000	50.2	72.4	75.2	75.9	77.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
7000	50.2	72.4	75.2	75.9	77.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
6000	50.2	72.4	75.2	75.9	77.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
5000	50.2	87.4	92.2	91.0	92.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
4500	50.2	87.4	92.2	91.0	92.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
4000	50.2	87.4	92.2	91.0	92.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
3500	51.7	89.4	92.2	92.9	94.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
3000	52.9	91.0	93.9	94.9	96.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
2500	54.1	92.6	95.9	97.4	97.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
2000	54.1	92.6	95.9	97.5	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
1800	54.1	92.6	95.9	97.5	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
1600	54.1	92.6	95.9	97.5	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
1400	54.1	92.6	95.9	97.5	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
1200	54.1	92.6	95.9	97.5	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
1000	54.1	92.6	95.9	97.5	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
900	54.1	92.6	95.9	97.5	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
800	54.1	92.6	95.9	97.5	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
700	54.1	92.6	95.9	97.5	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
600	54.1	92.6	95.9	97.5	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
500	54.1	92.6	95.9	97.5	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
400	54.1	92.6	95.9	97.5	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
300	54.1	92.6	95.9	97.5	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
200	54.1	92.6	95.9	97.5	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
100	54.3	92.8	96.7	97.7	98.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
0	54.3	92.8	96.7	97.7	98.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 652

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

164537  
STATION

GELA ITALY  
STATION NAME

73-82  
YEAR

087  
DAY

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	
NO CEILING	35.2	49.9	51.4	51.7	52.0	52.8	52.8	52.8	52.8	52.8	53.1	53.1	53.1	53.1	53.1
20000	37.2	51.7	56.4	57.2	58.1	59.2	59.2	59.2	59.2	59.2	59.5	59.5	59.5	59.6	59.6
18000	39.1	54.2	56.9	57.6	58.5	59.6	59.6	59.6	59.6	59.6	59.9	59.9	59.9	60.1	60.1
16000	38.1	54.2	56.9	57.6	58.5	59.6	59.6	59.6	59.6	59.6	59.9	59.9	59.9	60.1	60.1
14000	38.1	54.2	56.9	57.6	58.5	59.6	59.6	59.6	59.6	59.6	59.9	59.9	59.9	60.1	60.1
12000	38.3	54.9	57.6	58.4	59.3	60.4	60.4	60.4	60.4	60.4	60.7	60.7	60.7	60.8	60.8
10000	44.7	62.5	65.4	66.1	67.0	68.1	68.1	68.1	68.1	68.1	68.4	68.4	68.4	68.5	68.5
9000	47.5	68.7	71.7	72.9	73.8	74.9	74.9	74.9	74.9	74.9	75.2	75.2	75.2	75.3	75.3
8000	47.7	68.8	71.9	73.1	74.0	75.0	75.0	75.0	75.0	75.0	75.3	75.3	75.3	75.5	75.5
7000	47.7	68.8	71.9	73.1	74.0	75.0	75.0	75.0	75.0	75.0	75.3	75.3	75.3	75.5	75.5
6000	47.7	68.8	71.9	73.1	74.0	75.0	75.0	75.0	75.0	75.0	75.3	75.3	75.3	75.5	75.5
5000	47.7	68.8	71.9	73.1	74.0	75.0	75.0	75.0	75.0	75.0	75.3	75.3	75.3	75.5	75.5
4500	47.7	68.8	71.9	73.1	74.0	75.0	75.0	75.0	75.0	75.0	75.3	75.3	75.3	75.5	75.5
4000	47.7	68.8	71.9	73.1	74.0	75.0	75.0	75.0	75.0	75.0	75.3	75.3	75.3	75.5	75.5
3500	47.7	68.8	71.9	73.1	74.0	75.0	75.0	75.0	75.0	75.0	75.3	75.3	75.3	75.5	75.5
3000	47.7	68.8	71.9	73.1	74.0	75.0	75.0	75.0	75.0	75.0	75.3	75.3	75.3	75.5	75.5
2500	47.7	68.8	71.9	73.1	74.0	75.0	75.0	75.0	75.0	75.0	75.3	75.3	75.3	75.5	75.5
2000	47.7	68.8	71.9	73.1	74.0	75.0	75.0	75.0	75.0	75.0	75.3	75.3	75.3	75.5	75.5
1800	47.7	68.8	71.9	73.1	74.0	75.0	75.0	75.0	75.0	75.0	75.3	75.3	75.3	75.5	75.5
1600	47.7	68.8	71.9	73.1	74.0	75.0	75.0	75.0	75.0	75.0	75.3	75.3	75.3	75.5	75.5
1400	47.7	68.8	71.9	73.1	74.0	75.0	75.0	75.0	75.0	75.0	75.3	75.3	75.3	75.5	75.5
1200	47.7	68.8	71.9	73.1	74.0	75.0	75.0	75.0	75.0	75.0	75.3	75.3	75.3	75.5	75.5
1000	47.7	68.8	71.9	73.1	74.0	75.0	75.0	75.0	75.0	75.0	75.3	75.3	75.3	75.5	75.5
900	47.7	68.8	71.9	73.1	74.0	75.0	75.0	75.0	75.0	75.0	75.3	75.3	75.3	75.5	75.5
800	47.7	68.8	71.9	73.1	74.0	75.0	75.0	75.0	75.0	75.0	75.3	75.3	75.3	75.5	75.5
700	47.7	68.8	71.9	73.1	74.0	75.0	75.0	75.0	75.0	75.0	75.3	75.3	75.3	75.5	75.5
600	47.7	68.8	71.9	73.1	74.0	75.0	75.0	75.0	75.0	75.0	75.3	75.3	75.3	75.5	75.5
500	47.7	68.8	71.9	73.1	74.0	75.0	75.0	75.0	75.0	75.0	75.3	75.3	75.3	75.5	75.5
400	47.7	68.8	71.9	73.1	74.0	75.0	75.0	75.0	75.0	75.0	75.3	75.3	75.3	75.5	75.5
300	47.7	68.8	71.9	73.1	74.0	75.0	75.0	75.0	75.0	75.0	75.3	75.3	75.3	75.5	75.5
200	47.7	68.8	71.9	73.1	74.0	75.0	75.0	75.0	75.0	75.0	75.3	75.3	75.3	75.5	75.5
100	47.7	68.8	71.9	73.1	74.0	75.0	75.0	75.0	75.0	75.0	75.3	75.3	75.3	75.5	75.5
0	47.7	68.8	71.9	73.1	74.0	75.0	75.0	75.0	75.0	75.0	75.3	75.3	75.3	75.5	75.5

TOTAL NUMBER OF OBSERVATIONS 661

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

164537

SELA ITALY

73-87

201

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1977-2000

CEILING FEET	VISIBILITY STATISTICS															
	210	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
2 2000	24.7	46.3	49.5	53.7	51.5	51.5	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.9
2 1800	27.2	49.7	54.0	55.8	56.6	56.6	56.6	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	57.0
2 1600	27.2	49.7	54.0	55.8	56.6	56.6	56.6	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	57.0
2 1400	27.2	49.7	54.0	55.8	56.6	56.6	56.6	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	57.0
2 1200	27.3	50.5	54.9	56.6	57.4	57.4	57.4	57.4	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
2 1000	32.9	59.2	64.3	66.3	67.1	67.1	67.1	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.9
2 900	35.5	64.3	69.8	72.2	73.0	73.0	73.0	73.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.2
2 800	35.7	64.5	70.0	72.8	73.6	73.8	73.8	73.8	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.8
2 700	35.7	64.5	70.0	72.8	73.6	73.8	73.8	73.8	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.8
2 6000	35.7	64.5	70.0	72.8	73.6	73.8	73.8	73.8	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.8
2 5000	35.7	79.3	84.8	87.6	88.4	88.6	88.6	88.6	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.5
2 4500	35.7	79.3	84.8	87.6	88.4	88.6	88.6	88.6	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.5
2 4000	35.7	79.3	84.8	87.6	88.4	88.6	88.6	88.6	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.5
2 3500	35.9	79.7	85.2	88.0	88.8	89.0	89.0	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.9
2 3000	35.9	79.7	85.2	88.0	88.8	89.0	89.0	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.9
2 2500	37.5	82.1	87.8	90.9	91.7	91.9	91.9	91.9	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.9
2 2000	38.5	83.8	89.7	93.1	93.9	94.1	94.1	94.1	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.1
2 1800	41.4	88.0	93.9	97.4	98.4	98.6	98.6	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6
2 1600	41.4	88.0	93.9	97.4	98.4	98.6	98.6	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6
2 1400	41.4	88.0	93.9	97.4	98.4	98.6	98.6	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6
2 1200	41.4	88.0	93.9	97.4	98.4	98.6	98.6	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6
2 1000	41.4	88.0	93.9	97.4	98.4	98.6	98.6	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6
2 900	41.4	88.0	93.9	97.4	98.4	98.6	98.6	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6
2 800	41.4	88.0	93.9	97.4	98.4	98.6	98.6	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6
2 700	41.4	88.0	93.9	97.4	98.4	98.6	98.6	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6
2 600	41.4	88.0	93.9	97.4	98.4	98.6	98.6	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6
2 500	41.4	88.0	93.9	97.4	98.4	98.6	98.6	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6
2 400	41.4	88.0	93.9	97.4	98.4	98.6	98.6	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6
2 300	41.4	88.0	93.9	97.4	98.4	98.6	98.6	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6
2 200	41.4	88.2	94.1	97.6	98.8	99.0	99.0	99.0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
2 100	41.6	88.2	94.1	97.6	98.8	99.0	99.0	99.0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
2	41.6	88.2	94.1	97.6	98.8	99.0	99.0	99.0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 507



GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

154530

DELA ITALY

73-87

001

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

150-2300

CEILING FEET	VISIBILITY STATUTE MILES													
	20	26	25	24	23	22	21	20	19	18	17	16	15	
UNKN	43.1	69.8	74.0	74.7	75.1	75.1	75.1	77.0	77.0	77.0	77.0	77.0	77.0	77.0
000	43.9	69.9	75.1	75.8	76.2	76.2	76.2	78.1	78.1	78.1	78.1	78.1	78.1	78.1
100	43.9	69.9	75.1	75.8	76.2	76.2	76.2	78.1	78.1	78.1	78.1	78.1	78.1	78.1
200	43.9	69.9	75.1	75.8	76.2	76.2	76.2	78.1	78.1	78.1	78.1	78.1	78.1	78.1
300	43.9	69.9	75.1	75.8	76.2	76.2	76.2	78.1	78.1	78.1	78.1	78.1	78.1	78.1
400	43.9	69.9	75.1	75.8	76.2	76.2	76.2	78.1	78.1	78.1	78.1	78.1	78.1	78.1
500	44.6	74.7	79.9	81.7	81.0	81.0	81.0	82.9	82.9	82.9	82.9	82.9	82.9	82.9
600	45.7	79.6	85.1	86.6	87.0	87.0	87.0	88.8	88.8	88.8	88.8	88.8	88.8	88.8
700	45.7	79.6	85.1	86.6	87.0	87.0	87.0	88.8	88.8	88.8	88.8	88.8	88.8	88.8
800	45.7	79.6	85.1	86.6	87.0	87.0	87.0	88.8	88.8	88.8	88.8	88.8	88.8	88.8
900	45.7	79.6	85.1	86.6	87.0	87.0	87.0	88.8	88.8	88.8	88.8	88.8	88.8	88.8
1000	45.7	79.6	85.1	86.6	87.0	87.0	87.0	88.8	88.8	88.8	88.8	88.8	88.8	88.8
1200	45.7	79.9	85.5	87.0	87.4	87.4	87.4	89.2	89.2	89.2	89.2	89.2	89.2	89.2
1400	45.7	79.9	85.5	87.0	87.4	87.4	87.4	89.2	89.2	89.2	89.2	89.2	89.2	89.2
1600	45.7	79.9	85.5	87.0	87.4	87.4	87.4	89.2	89.2	89.2	89.2	89.2	89.2	89.2
1800	45.7	79.9	85.5	87.0	87.4	87.4	87.4	89.2	89.2	89.2	89.2	89.2	89.2	89.2
2000	47.2	83.3	88.8	90.3	90.7	91.1	91.1	92.9	92.9	92.9	92.9	92.9	92.9	92.9
2200	48.3	84.3	90.3	91.8	92.6	92.9	92.9	94.8	94.8	94.8	94.8	94.8	94.8	94.8
2400	49.1	88.8	95.2	96.7	97.4	97.8	97.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6
2600	49.1	88.8	95.2	96.7	97.4	97.8	97.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6
2800	49.1	88.8	95.2	96.7	97.4	97.8	97.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6
3000	49.1	88.8	95.2	96.7	97.4	97.8	97.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6
3200	49.1	88.8	95.2	96.7	97.4	97.8	97.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6
3400	49.1	88.8	95.2	96.7	97.4	97.8	97.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6
3600	49.1	88.8	95.2	96.7	97.4	97.8	97.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6
3800	49.1	88.8	95.2	96.7	97.4	97.8	97.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6
4000	49.1	88.8	95.2	96.7	97.4	97.8	97.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6
4200	49.1	88.8	95.2	96.7	97.4	97.8	97.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6
4400	49.1	88.8	95.2	96.7	97.4	97.8	97.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6
4600	49.1	88.8	95.2	96.7	97.4	97.8	97.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6
4800	49.1	88.8	95.2	96.7	97.4	97.8	97.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6
5000	49.1	88.8	95.2	96.7	97.4	97.8	97.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 269

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

144530 GELA ITALY 73-82 DAY 017

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
20000	31.0	51.3	53.6	54.5	55.2	55.7	55.7	56.0	56.0	56.1	56.3	56.3	56.3	56.4	56.4	56.6
18000	33.4	53.3	56.6	57.8	58.7	59.2	59.2	59.5	59.6	59.6	59.8	59.9	59.9	59.9	60.0	60.1
16000	33.5	53.9	56.8	58.0	58.8	59.4	59.4	59.6	59.7	59.8	60.0	60.0	60.0	60.1	60.1	60.3
14000	33.5	53.9	56.8	58.0	58.8	59.4	59.4	59.6	59.7	59.8	60.0	60.0	60.0	60.1	60.1	60.3
12000	33.8	54.6	57.4	58.6	59.5	60.0	60.0	60.4	60.4	60.5	60.7	60.7	60.7	60.8	60.8	61.0
10000	37.8	61.0	64.2	65.6	66.4	67.0	67.0	67.3	67.4	67.5	67.7	67.7	67.7	67.8	67.8	68.0
8000	40.3	66.4	70.0	71.7	72.6	73.3	73.3	73.6	73.8	73.8	74.0	74.1	74.1	74.2	74.2	74.4
6000	40.4	66.5	70.1	71.9	72.8	73.5	73.5	73.8	74.0	74.0	74.2	74.3	74.3	74.4	74.4	74.6
4000	41.4	66.5	70.1	71.9	72.8	73.5	73.5	73.3	74.0	74.0	74.2	74.3	74.3	74.4	74.4	74.6
3000	40.4	66.5	70.2	71.9	72.8	73.5	73.5	73.9	74.0	74.1	74.3	74.3	74.3	74.4	74.4	74.6
2000	40.4	63.5	67.1	68.9	69.7	70.4	70.4	70.8	70.9	71.0	71.2	71.2	71.2	71.3	71.3	71.5
1800	40.6	63.6	67.2	69.0	69.9	70.5	70.5	70.9	71.0	71.1	71.3	71.3	71.3	71.5	71.5	71.6
1600	40.6	63.6	67.2	69.0	69.9	70.6	70.6	70.9	71.1	71.1	71.3	71.4	71.4	71.5	71.5	71.7
1400	42.1	65.9	69.6	71.5	72.4	73.2	73.2	73.5	73.7	73.7	73.9	74.0	74.0	74.1	74.1	74.3
1200	43.2	67.8	71.6	73.6	74.6	75.4	75.4	75.8	75.9	76.0	76.2	76.2	76.2	76.4	76.4	76.5
1000	44.4	70.0	74.0	76.3	77.3	78.2	78.2	78.7	78.9	78.9	79.1	79.2	79.2	79.3	79.3	79.5
800	44.5	70.0	74.0	76.4	77.5	78.3	78.3	78.8	79.0	79.1	79.3	79.3	79.3	79.4	79.5	79.6
600	44.5	70.1	74.1	76.5	77.6	78.5	78.5	79.0	79.2	79.2	79.5	79.5	79.5	79.6	79.7	79.8
400	44.5	70.1	74.1	76.5	77.6	78.6	78.6	79.0	79.2	79.3	79.5	79.6	79.6	79.7	79.7	79.9
300	44.5	70.1	74.1	76.5	77.6	78.6	78.6	79.0	79.2	79.3	79.5	79.6	79.6	79.7	79.7	79.9
200	44.5	70.1	74.1	76.5	77.6	78.6	78.6	79.0	79.2	79.3	79.5	79.6	79.6	79.7	79.7	79.9
100	44.5	70.1	74.1	76.5	77.6	78.6	78.6	79.0	79.2	79.3	79.5	79.6	79.6	79.7	79.7	79.9
50	44.5	70.1	74.1	76.5	77.6	78.6	78.6	79.0	79.2	79.3	79.5	79.6	79.6	79.7	79.7	79.9
20	44.6	70.2	74.2	76.6	77.7	78.6	78.6	79.1	79.3	79.4	79.6	79.6	79.6	79.8	79.8	80.0
0	44.6	70.2	74.2	76.6	77.7	78.6	78.6	79.1	79.3	79.4	79.6	79.6	79.6	79.8	79.8	80.0

TOTAL NUMBER OF OBSERVATIONS 1982

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

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1945 30

VELA ITALY

STATION NAME

74-87

YEAR

NO.

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

249-2200

CEILING FEET	VISIBILITY STATUTE MILES																											
	20	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	0
20000	34.3	63.5	65.7	67.4	67.8	68.3	68.3	68.3	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.6
18000	34.3	63.5	65.7	67.4	67.8	68.3	68.3	68.3	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.6
16000	34.3	63.5	65.7	67.4	67.8	68.3	68.3	68.3	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.6
14000	34.3	63.5	65.7	67.4	67.8	68.3	68.3	68.3	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.6
12000	34.9	63.9	66.1	67.4	68.3	68.7	68.7	68.7	69.6	69.6	69.6	69.6	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.4
10000	39.1	71.7	73.9	75.7	76.1	76.5	76.5	76.5	77.4	77.4	77.4	77.4	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	78.3
8000	40.4	75.6	81.7	83.5	83.9	84.3	84.3	84.3	85.2	85.2	85.2	85.2	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	86.1
6000	40.4	75.6	81.7	83.5	83.9	84.3	84.3	84.3	85.2	85.2	85.2	85.2	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	86.1
4000	40.4	75.6	81.7	83.5	83.9	84.3	84.3	84.3	85.2	85.2	85.2	85.2	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	86.1
2000	40.4	75.6	81.7	83.5	83.9	84.3	84.3	84.3	85.2	85.2	85.2	85.2	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	86.1
1000	40.4	75.6	81.7	83.5	83.9	84.3	84.3	84.3	85.2	85.2	85.2	85.2	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	86.1
500	40.4	75.6	81.7	83.5	83.9	84.3	84.3	84.3	85.2	85.2	85.2	85.2	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	86.1
0	40.4	75.6	81.7	83.5	83.9	84.3	84.3	84.3	85.2	85.2	85.2	85.2	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	86.1
20000	41.7	81.3	83.5	85.2	85.7	86.1	86.1	86.1	87.0	87.0	87.0	87.0	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.8
18000	43.0	85.2	87.8	90.0	92.4	90.9	90.9	90.9	91.7	91.7	91.7	91.7	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.6
16000	43.5	90.4	93.9	97.0	97.4	97.8	97.8	97.8	98.7	98.7	98.7	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.6
14000	43.5	90.4	93.9	97.0	97.4	97.8	97.8	97.8	98.7	98.7	98.7	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.6
12000	43.5	90.4	93.9	97.0	97.4	97.8	97.8	97.8	98.7	98.7	98.7	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.6
10000	43.5	90.4	93.9	97.0	97.4	97.8	97.8	97.8	98.7	98.7	98.7	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.6
8000	43.5	90.4	93.9	97.0	97.4	97.8	97.8	97.8	98.7	98.7	98.7	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.6
6000	43.5	90.4	93.9	97.0	97.4	97.8	97.8	97.8	98.7	98.7	98.7	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.6
4000	43.5	90.4	93.9	97.0	97.4	97.8	97.8	97.8	98.7	98.7	98.7	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.6
2000	43.5	90.4	93.9	97.0	97.4	97.8	97.8	97.8	98.7	98.7	98.7	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.6
0	43.5	90.4	93.9	97.0	97.4	97.8	97.8	97.8	98.7	98.7	98.7	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.6

TOTAL NUMBER OF OBSERVATIONS 230

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

STATION NAME SELA ITALY

YEAR 73-82

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

FORM NO. 1-65

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	20	26	31	34	37	40	45	50	55	60	65	70	75	80	85	90
1000	29.9	52.4	53.4	53.7	53.7	54.0	54.0	54.2	54.7	54.5	54.9	54.8	54.9	54.8	54.9	54.9
900	32.7	53.2	54.2	54.5	54.5	54.3	54.8	55.0	55.0	55.3	55.6	55.6	55.6	55.6	55.6	55.6
800	32.7	53.2	54.2	54.5	54.5	54.8	54.8	55.0	55.0	55.3	55.6	55.6	55.6	55.6	55.6	55.6
700	32.7	53.2	54.2	54.5	54.5	54.8	54.8	55.0	55.0	55.3	55.6	55.6	55.6	55.6	55.6	55.6
600	32.7	53.2	54.2	54.5	54.5	54.8	54.8	55.0	55.0	55.3	55.6	55.6	55.6	55.6	55.6	55.6
500	34.9	59.8	60.8	61.1	61.1	61.4	61.4	61.6	61.6	61.9	62.2	62.2	62.2	62.2	62.2	62.2
400	37.3	63.8	64.8	65.6	65.6	65.9	65.9	66.1	66.1	66.4	66.7	66.7	66.7	66.7	66.7	66.7
300	37.3	63.8	64.8	65.6	65.6	65.9	65.9	66.1	66.1	66.4	66.7	66.7	66.7	66.7	66.7	66.7
200	37.3	63.8	64.8	65.6	65.6	65.9	65.9	66.1	66.1	66.4	66.7	66.7	66.7	66.7	66.7	66.7
100	37.3	83.1	84.1	84.9	84.9	85.2	85.2	85.4	85.4	85.7	86.0	86.0	86.0	86.0	86.0	86.0
99	37.3	83.1	84.1	84.9	84.9	85.2	85.2	85.4	85.4	85.7	86.0	86.0	86.0	86.0	86.0	86.0
98	37.3	83.1	84.1	84.9	84.9	85.2	85.2	85.4	85.4	85.7	86.0	86.0	86.0	86.0	86.0	86.0
97	38.5	84.7	85.7	86.5	86.5	86.8	86.8	87.1	87.1	87.3	87.6	87.6	87.6	87.6	87.6	87.6
96	41.7	89.9	90.5	91.8	91.8	92.1	92.1	92.3	92.3	92.6	92.9	92.9	92.9	92.9	92.9	92.9
95	42.2	94.7	96.3	97.9	97.9	98.1	98.1	98.4	98.4	98.7	98.9	98.9	98.9	98.9	98.9	98.9
94	43.1	95.1	96.6	98.1	98.1	98.4	98.4	98.7	98.7	98.9	99.2	99.2	99.2	99.2	99.2	99.2
93	43.4	95.2	96.8	98.4	98.4	98.7	98.7	98.9	98.9	99.2	99.5	99.5	99.5	99.5	99.5	99.5
92	43.4	95.2	96.8	98.4	98.4	98.7	98.7	98.9	98.9	99.2	99.5	99.5	99.5	99.5	99.5	99.5
91	43.4	95.2	96.8	98.4	98.4	98.7	98.7	98.9	98.9	99.2	99.5	99.5	99.5	99.5	99.5	99.5
90	43.4	95.2	96.8	98.4	98.4	98.7	98.7	98.9	98.9	99.2	99.5	99.5	99.5	99.5	99.5	99.5
89	43.4	95.2	96.8	98.4	98.4	98.7	98.7	98.9	98.9	99.2	99.5	99.5	99.5	99.5	99.5	99.5
88	43.4	95.2	96.8	98.4	98.4	98.7	98.7	98.9	98.9	99.2	99.5	99.5	99.5	99.5	99.5	99.5
87	43.4	95.2	96.8	98.4	98.4	98.7	98.7	98.9	98.9	99.2	99.5	99.5	99.5	99.5	99.5	99.5
86	43.4	95.2	96.8	98.4	98.4	98.7	98.7	98.9	98.9	99.2	99.5	99.5	99.5	99.5	99.5	99.5
85	43.4	95.2	96.8	98.4	98.4	98.7	98.7	98.9	98.9	99.2	99.5	99.5	99.5	99.5	99.5	99.5
84	43.4	95.2	96.8	98.4	98.4	98.7	98.7	98.9	98.9	99.2	99.5	99.5	99.5	99.5	99.5	99.5
83	43.7	95.5	97.1	98.7	98.7	98.9	98.9	99.2	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7
82	43.7	95.5	97.1	98.7	98.7	98.9	98.9	99.2	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7
81	43.7	95.5	97.1	98.7	98.7	98.9	98.9	99.2	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 374

OFFICIAL CLIMATOLOGY BRANCH  
 OF AFETAC  
 AIR WEATHER SERVICE/HAC

# CEILING VERSUS VISIBILITY

14-45 (OL A) WELA ITALY

73-60

1957

## PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

60-9000

ELEVATION FEET	VISIBILITY STATISTICAL															
	20	26	32	38	44	50	56	62	68	74	80	86	92	98	104	110
0-100	20.1	39.7	40.7	41.4	41.8	42.3	42.7	42.3	42.7	42.3	42.5	42.5	42.5	42.4	42.9	42.9
100-200	21.9	42.1	43.2	43.7	44.1	44.6	44.6	44.6	44.6	44.6	44.8	44.8	44.8	45.1	45.1	45.1
200-300	22.0	42.2	43.2	43.9	44.3	44.3	44.8	44.6	44.8	44.8	44.8	44.8	45.0	45.0	45.3	45.3
300-400	22.0	42.2	43.2	43.9	44.3	44.8	44.8	44.8	44.8	44.8	44.8	44.8	45.0	45.0	45.3	45.3
400-500	22.2	42.7	43.7	44.6	45.0	45.5	45.5	45.5	45.5	45.5	45.5	45.7	45.7	45.7	46.0	46.0
500-600	26.6	49.0	50.4	51.3	51.7	52.2	52.2	52.2	52.2	52.2	52.6	52.6	52.6	52.9	52.9	52.9
600-700	32.2	56.4	58.4	59.4	59.8	60.3	60.3	60.5	60.5	60.7	61.0	61.0	61.0	61.4	61.4	61.4
700-800	30.9	56.6	58.6	59.8	60.1	60.7	60.7	60.8	60.8	61.0	61.4	61.4	61.4	61.7	61.7	61.7
800-900	30.9	56.6	58.6	59.8	60.1	60.7	60.7	60.8	60.8	61.0	61.4	61.4	61.4	61.7	61.7	61.7
900-1000	37.9	56.6	58.6	59.8	60.1	60.7	60.7	60.8	60.8	61.0	61.4	61.4	61.4	61.7	61.7	61.7
1000-1100	31.0	79.0	81.0	82.2	82.5	83.1	83.1	83.2	83.2	83.4	83.8	83.8	83.8	84.1	84.1	84.1
1100-1200	31.0	79.0	81.0	82.2	82.5	83.1	83.1	83.2	83.2	83.4	83.8	83.8	83.8	84.1	84.1	84.1
1200-1300	31.0	79.0	81.0	82.2	82.5	83.1	83.1	83.2	83.2	83.4	83.8	83.8	83.8	84.1	84.1	84.1
1300-1400	31.0	79.0	81.0	82.2	82.5	83.1	83.1	83.2	83.2	83.4	83.8	83.8	83.8	84.1	84.1	84.1
1400-1500	37.0	87.7	90.1	91.9	92.2	93.1	93.1	93.3	93.3	93.5	93.8	93.8	93.8	94.2	94.2	94.2
1500-1600	38.4	91.5	95.1	97.2	97.7	98.6	98.6	98.8	98.8	99.0	99.3	99.3	99.3	99.6	99.6	99.6
1600-1700	38.4	91.5	95.1	97.5	98.1	98.9	98.9	99.1	99.1	99.3	99.6	99.6	99.6	99.6	100.0	100.0
1700-1800	38.4	91.5	95.1	97.5	98.1	98.9	98.9	99.1	99.1	99.3	99.6	99.6	99.6	99.6	100.0	100.0
1800-1900	38.4	91.5	95.1	97.5	98.1	98.9	98.9	99.1	99.1	99.3	99.6	99.6	99.6	99.6	100.0	100.0
1900-2000	38.4	91.5	95.1	97.5	98.1	98.9	98.9	99.1	99.1	99.3	99.6	99.6	99.6	99.6	100.0	100.0
2000-2100	38.4	91.5	95.1	97.5	98.1	98.9	98.9	99.1	99.1	99.3	99.6	99.6	99.6	99.6	100.0	100.0
2100-2200	38.4	91.5	95.1	97.5	98.1	98.9	98.9	99.1	99.1	99.3	99.6	99.6	99.6	99.6	100.0	100.0
2200-2300	38.4	91.5	95.1	97.5	98.1	98.9	98.9	99.1	99.1	99.3	99.6	99.6	99.6	99.6	100.0	100.0
2300-2400	38.4	91.5	95.1	97.5	98.1	98.9	98.9	99.1	99.1	99.3	99.6	99.6	99.6	99.6	100.0	100.0
2400-2500	38.4	91.5	95.1	97.5	98.1	98.9	98.9	99.1	99.1	99.3	99.6	99.6	99.6	99.6	100.0	100.0
2500-2600	38.4	91.5	95.1	97.5	98.1	98.9	98.9	99.1	99.1	99.3	99.6	99.6	99.6	99.6	100.0	100.0
2600-2700	38.4	91.5	95.1	97.5	98.1	98.9	98.9	99.1	99.1	99.3	99.6	99.6	99.6	99.6	100.0	100.0
2700-2800	38.4	91.5	95.1	97.5	98.1	98.9	98.9	99.1	99.1	99.3	99.6	99.6	99.6	99.6	100.0	100.0
2800-2900	38.4	91.5	95.1	97.5	98.1	98.9	98.9	99.1	99.1	99.3	99.6	99.6	99.6	99.6	100.0	100.0
2900-3000	38.4	91.5	95.1	97.5	98.1	98.9	98.9	99.1	99.1	99.3	99.6	99.6	99.6	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 567

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14430 BELA ITALY

73-82

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1949-1950

CEILING FEET	VISIBILITY - STATUTE MILES															
	10	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
100	25.4	42.7	43.4	44.4	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.7	44.7	44.7	44.7
200	25.2	45.7	47.5	48.5	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	49.1	49.1	49.1	49.1
300	22.7	46.5	47.7	49.3	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.9	49.9	49.9	49.9
400	22.7	46.5	49.3	49.3	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.9	49.9	49.9	49.9	49.9
500	27.3	46.8	49.6	49.6	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.2	50.2	50.2	50.2	50.2
600	30.9	61.8	64.7	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.9	66.9	66.9	66.9
700	40.2	62.1	65.0	66.3	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.9	67.1	67.1	67.1	67.1
800	40.2	62.1	65.0	66.3	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.9	67.1	67.1	67.1	67.1
900	40.2	80.4	83.7	84.6	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.4	85.4	85.4	85.4
1000	40.2	80.4	83.3	84.6	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.4	85.4	85.4	85.4
1100	40.4	80.6	83.5	84.8	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.6	85.6	85.6	85.6
1200	42.5	83.6	86.5	87.8	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.8	88.8	88.8	88.8
1300	44.4	86.9	90.0	91.0	92.4	92.5	92.5	92.5	92.7	92.7	92.7	92.7	93.0	93.0	93.0	93.0
1400	46.8	91.7	95.1	97.4	98.2	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.9	98.9	98.9	98.9
1500	47.2	92.2	95.5	98.1	98.9	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5
1600	47.3	92.4	95.8	98.4	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.8	99.8	99.8	99.8
1700	47.3	92.4	95.8	98.4	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.8	99.8	99.8	99.8
1800	47.3	92.4	95.8	98.4	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.8	99.8	99.8	99.8
1900	47.3	92.4	95.8	98.4	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.8	99.8	99.8	99.8
2000	47.3	92.4	95.8	98.4	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.8	99.8	99.8	99.8
2100	47.3	92.4	95.8	98.4	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.8	99.8	99.8	99.8
2200	47.3	92.4	95.8	98.4	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.8	99.8	99.8	99.8
2300	47.3	92.4	95.8	98.4	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.8	99.8	99.8	99.8
2400	47.3	92.4	95.8	98.4	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.8	99.8	99.8	99.8
2500	47.3	92.4	95.8	98.4	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.8	99.8	99.8	99.8
2600	47.3	92.4	95.8	98.4	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.8	99.8	99.8	99.8
2700	47.3	92.4	95.8	98.4	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.8	99.8	99.8	99.8
2800	47.3	92.4	95.8	98.4	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.8	99.8	99.8	99.8
2900	47.3	92.4	95.8	98.4	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.8	99.8	99.8	99.8
3000	47.3	92.4	95.8	98.4	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 117

GENERAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1945 30

SELA ITALY

73-87

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY - STATUTE MILES															
	30	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
10000	31.0	44.6	45.6	45.6	46.0	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
8000	34.2	51.9	52.0	52.4	53.5	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
6000	36.4	52.1	53.0	53.0	53.7	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
4000	36.4	52.1	53.0	53.0	53.7	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
2000	37.2	53.2	54.4	54.7	55.4	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
1000	44.5	64.6	65.7	66.1	66.7	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
800	50.1	72.3	73.6	74.0	74.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
600	50.4	73.0	74.3	74.6	75.3	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
400	51.4	73.0	74.3	74.6	75.3	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
200	50.4	73.0	74.3	74.6	75.3	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
100	50.4	74.0	85.3	85.7	86.3	86.8	86.8	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0
80	50.4	84.2	85.5	85.8	86.5	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
60	50.4	84.3	85.7	86.0	86.7	87.1	87.1	87.1	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3
40	52.2	84.2	87.5	87.8	88.5	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1
20	54.7	91.6	91.9	92.6	93.2	93.7	93.7	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9
10	55.1	94.2	96.2	97.2	97.4	98.0	98.0	98.0	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3
5	53.3	95.2	96.5	97.5	98.7	99.3	99.3	99.3	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7
3	58.5	95.6	96.9	97.9	99.0	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
2	58.5	95.6	96.9	97.9	99.0	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
1	53.5	95.6	96.9	97.9	99.0	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
0	58.5	95.6	96.9	97.9	99.0	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
0	58.5	95.6	96.9	97.9	99.0	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
0	53.5	95.6	96.9	97.9	99.0	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
0	58.5	95.6	96.9	97.9	99.0	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
0	53.5	95.6	96.9	97.9	99.0	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
0	58.5	95.6	96.9	97.9	99.0	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 27

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1-473

SELA ITALY

73-87

20

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15-7-1700

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	20	26	31	34	33	22	22	22	22	22	22	22					
1000	31.5	47.3	47.4	47.4	47.9	47.9	48.1	48.1	48.1	48.2	48.4	48.4	48.4	48.4	48.4	48.4	48.4
800	34.4	51.6	51.9	51.9	52.4	52.4	52.4	52.4	52.4	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7
600	34.4	51.6	51.9	51.9	52.4	52.4	52.6	52.6	52.6	52.7	52.9	52.9	52.9	52.9	52.9	52.9	52.9
400	34.4	51.6	51.9	51.9	52.4	52.4	52.6	52.6	52.6	52.7	52.9	52.9	52.9	52.9	52.9	52.9	52.9
200	43.7	64.7	64.5	64.7	65.1	65.1	65.3	65.3	65.3	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6
100	43.1	69.9	71.2	71.3	71.8	71.8	71.9	71.9	71.9	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2
50	48.5	70.4	71.5	71.8	72.2	72.2	72.4	72.4	72.4	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7
30	48.7	70.5	71.6	71.9	72.4	72.4	72.6	72.6	72.6	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9
15	49.7	82.8	83.9	84.2	84.7	84.7	84.8	84.8	84.8	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1
10	49.1	83.3	84.3	84.7	85.1	85.1	85.2	85.3	85.3	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6
5	49.3	83.6	84.7	85.0	85.4	85.4	85.6	85.6	85.6	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9
3	50.5	85.3	86.4	86.7	87.1	87.1	87.3	87.3	87.3	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6
2	54.6	91.5	92.9	93.3	94.0	94.0	94.1	94.1	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
1	56.2	95.0	96.6	97.7	98.6	98.8	98.9	98.9	98.9	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4
0.5	57.1	95.3	96.9	98.0	98.9	99.1	99.2	99.2	99.2	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7
0.2	57.2	95.7	97.2	98.3	99.2	99.4	99.5	99.5	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
0.1	57.2	95.7	97.2	98.3	99.2	99.4	99.5	99.5	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
0.05	57.2	95.7	97.2	98.3	99.2	99.4	99.5	99.5	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
0.02	57.2	95.7	97.2	98.3	99.2	99.4	99.5	99.5	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
0.01	57.2	95.7	97.2	98.3	99.2	99.4	99.5	99.5	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
0.005	57.2	95.7	97.2	98.3	99.2	99.4	99.5	99.5	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
0.002	57.2	95.7	97.2	98.3	99.2	99.4	99.5	99.5	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
0.001	57.2	95.7	97.2	98.3	99.2	99.4	99.5	99.5	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 241



# CEILING VERSUS VISIBILITY

1445Z

GELA ITALY

73-82

821

## PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

1209-2200

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	2.0	2.5	3.0	3.5	4.0	4.5	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	15.0
0	24.9	49.5	49.5	49.5	49.7	49.7	49.7	49.7	49.7	49.9	49.9	49.9	49.9	49.9	49.9
10	26.2	51.3	51.3	51.3	51.5	51.5	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7
20	26.4	51.3	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9
30	26.4	50.3	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9
40	26.4	50.3	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9
50	26.4	50.5	51.7	51.7	51.9	51.9	51.9	51.9	51.9	52.1	52.1	52.1	52.1	52.1	52.1
60	32.9	59.2	60.7	60.9	61.1	61.1	61.1	61.1	61.5	61.5	61.5	61.5	61.5	61.5	61.5
70	36.7	65.7	67.5	67.9	68.0	68.0	68.0	68.0	68.4	68.4	68.4	68.4	68.4	68.4	68.4
80	37.3	66.3	69.0	68.4	68.6	68.6	68.6	68.6	69.0	69.0	69.0	69.0	69.0	69.0	69.0
90	37.3	66.3	68.0	68.4	68.6	68.6	68.6	68.6	69.0	69.0	69.0	69.0	69.0	69.0	69.0
100	37.3	66.3	68.0	68.4	68.6	68.6	68.6	68.6	69.0	69.0	69.0	69.0	69.0	69.0	69.0
150	37.3	80.5	82.2	82.6	82.8	82.8	82.8	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2
200	37.3	80.5	82.2	82.6	82.8	82.8	82.8	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2
300	37.5	80.5	82.6	83.0	83.2	83.2	83.2	83.2	83.6	83.6	83.6	83.6	83.6	83.6	83.6
400	37.5	80.9	82.6	83.0	83.2	83.2	83.2	83.2	83.6	83.6	83.6	83.6	83.6	83.6	83.6
500	40.3	85.1	87.0	87.4	87.6	87.6	87.6	87.6	88.0	88.0	88.0	88.0	88.2	88.2	88.2
600	43.0	89.2	92.1	93.1	93.3	93.3	93.3	93.3	93.9	93.9	94.1	94.1	94.1	94.1	94.1
700	45.2	93.7	97.2	98.2	98.4	98.4	98.4	98.4	99.0	99.0	99.2	99.2	99.2	99.2	99.4
800	45.2	93.7	97.2	98.2	98.6	98.6	98.6	98.6	99.2	99.2	99.4	99.4	99.4	99.4	99.6
900	45.2	93.7	97.2	98.6	99.0	99.0	99.0	99.0	99.6	99.6	99.8	99.8	99.8	99.8	99.8
1000	45.2	93.7	97.2	98.6	99.0	99.0	99.0	99.0	99.6	99.6	99.8	99.8	99.8	99.8	99.8
1200	45.2	93.7	97.2	98.6	99.0	99.0	99.0	99.0	99.6	99.6	99.8	99.8	99.8	99.8	99.8
1400	45.2	93.7	97.2	98.6	99.0	99.0	99.0	99.0	99.6	99.6	99.8	99.8	99.8	99.8	99.8
1600	45.2	93.7	97.2	98.6	99.0	99.0	99.0	99.0	99.6	99.6	99.8	99.8	99.8	99.8	99.8
1800	45.2	93.7	97.2	98.6	99.0	99.0	99.0	99.0	99.6	99.6	99.8	99.8	99.8	99.8	99.8
2000	45.2	93.7	97.2	98.6	99.0	99.0	99.0	99.0	99.6	99.6	99.8	99.8	99.8	99.8	99.8
2500	45.2	93.7	97.2	98.6	99.0	99.0	99.0	99.0	99.6	99.6	99.8	99.8	99.8	99.8	99.8
3000	45.2	93.7	97.2	98.6	99.0	99.0	99.0	99.0	99.6	99.6	99.8	99.8	99.8	99.8	99.8
3500	45.2	93.7	97.2	98.6	99.0	99.0	99.0	99.0	99.6	99.6	99.8	99.8	99.8	99.8	99.8
4000	45.2	93.7	97.2	98.6	99.0	99.0	99.0	99.0	99.6	99.6	99.8	99.8	99.8	99.8	99.8
4500	45.2	93.7	97.2	98.6	99.0	99.0	99.0	99.0	99.6	99.6	99.8	99.8	99.8	99.8	99.8
5000	45.2	93.7	97.2	98.6	99.0	99.0	99.0	99.0	99.6	99.6	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 507

GENERAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

184771 CELA ITALY

73-87

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1107-2000

CEILING FEET	VISIBILITY STATISTICS															
	≥ 0	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
1000	57.9	68.4	68.9	71.1	71.1	71.9	71.0	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
900	33.3	69.1	70.7	71.9	71.0	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
800	33.3	69.1	70.7	71.9	71.9	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
700	33.3	69.1	70.7	71.9	71.9	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
600	33.3	69.1	70.7	71.9	71.9	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
500	32.7	69.9	71.5	72.7	72.7	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
400	41.4	74.2	76.6	78.1	78.1	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
300	41.4	79.3	81.6	83.0	84.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
200	41.3	79.7	82.0	84.0	84.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
100	41.3	79.7	82.0	84.0	84.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
0	41.3	79.7	82.0	84.0	84.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
1000	41.3	79.7	82.0	84.0	84.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
900	41.3	79.7	82.0	84.0	84.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
800	41.3	79.7	82.0	84.0	84.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
700	41.3	79.7	82.0	84.0	84.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
600	41.3	79.7	82.0	84.0	84.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
500	41.3	79.7	82.0	84.0	84.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
400	41.3	79.7	82.0	84.0	84.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
300	41.3	79.7	82.0	84.0	84.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
200	41.3	79.7	82.0	84.0	84.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
100	41.3	79.7	82.0	84.0	84.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
0	41.3	79.7	82.0	84.0	84.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
1000	43.4	82.0	84.4	86.3	86.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
900	44.9	84.4	87.1	90.6	91.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
800	45.7	84.5	92.2	96.5	96.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
700	45.7	89.5	92.2	96.5	96.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
600	45.7	89.5	92.2	96.5	96.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
500	45.7	89.5	92.2	96.5	96.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
400	45.7	89.5	92.2	96.5	96.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
300	45.7	89.5	92.2	96.5	96.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
200	45.7	89.5	92.2	96.5	96.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
100	45.7	89.5	92.2	96.5	96.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
0	45.7	89.5	92.2	96.5	96.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
1000	45.7	89.8	93.0	97.7	98.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
900	45.7	89.8	93.0	97.7	98.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
800	45.7	89.8	93.0	97.7	98.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
700	45.7	89.8	93.0	97.7	98.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
600	45.7	89.8	93.0	97.7	98.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
500	45.7	89.8	93.0	97.7	98.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
400	45.7	89.8	93.0	97.7	98.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
300	45.7	89.8	93.0	97.7	98.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
200	45.7	89.8	93.0	97.7	98.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
100	45.7	89.8	93.0	97.7	98.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
0	45.7	89.8	93.0	97.7	98.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 257

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

144530

DELA ITALY

75-37

STATION NAME

FAIR

ALL

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

VISIBILITY (FEET)	VISIBILITY STATEMENTS															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
≥1000	28.3	47.9	49.6	49.5	49.7	50.0	50.0	50.0	50.1	50.2	50.2	50.3	50.3	50.3	50.7	50.9
≥900	51.6	51.1	52.2	52.7	53.1	53.3	53.4	53.4	53.5	53.5	53.6	53.6	53.6	53.7	53.7	53.7
≥800	50.8	51.3	52.5	53.0	53.3	53.6	53.6	53.6	53.7	53.8	53.8	53.8	53.9	53.9	53.9	54.0
≥700	50.3	51.3	52.5	53.0	53.3	53.6	53.6	53.6	53.7	53.8	53.8	53.8	53.9	53.9	53.9	54.0
≥600	50.7	51.3	52.5	53.0	53.3	53.6	53.6	53.6	53.7	53.8	53.8	53.8	53.9	53.9	53.9	54.0
≥500	51.2	52.0	53.2	53.8	54.1	54.4	54.4	54.5	54.5	54.6	54.7	54.7	54.7	54.8	54.8	54.8
≥400	37.2	51.4	61.9	62.5	62.7	63.1	63.2	63.2	63.3	63.4	63.5	63.5	63.5	63.6	63.6	63.6
≥300	41.1	67.1	68.3	69.6	70.0	70.3	70.3	70.4	70.5	70.6	70.7	70.8	70.8	70.9	70.9	70.9
≥200	41.8	67.4	69.2	70.0	70.4	70.7	70.7	70.8	70.9	71.0	71.1	71.2	71.2	71.3	71.3	71.3
≥100	41.3	67.4	69.2	70.0	70.4	70.7	70.7	70.8	70.9	71.0	71.1	71.2	71.2	71.3	71.3	71.3
≥50	41.3	67.4	69.2	71.1	71.4	71.7	71.8	71.8	71.9	71.0	71.1	71.2	71.2	71.3	71.3	71.3
≥30	41.7	81.4	83.2	84.4	84.4	84.7	84.7	84.8	84.9	85.0	85.1	85.2	85.2	85.3	85.3	85.3
≥20	41.3	81.4	83.2	84.0	84.4	84.7	84.7	84.8	84.9	85.0	85.1	85.2	85.2	85.3	85.3	85.3
≥15	41.4	81.5	83.2	84.2	84.6	84.9	84.9	85.1	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.5
≥10	41.5	81.7	83.5	84.4	84.8	85.1	85.1	85.1	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.7
≥5	43.6	84.2	85.2	86.9	87.3	87.6	87.7	87.7	87.8	87.9	88.0	88.2	88.2	88.2	88.2	88.3
≥3	48.1	88.6	91.9	92.1	92.6	93.1	93.0	93.1	93.2	93.3	93.4	93.6	93.6	93.6	93.6	93.7
≥2	47.2	93.1	95.6	97.5	98.1	98.5	98.5	98.6	98.8	98.9	99.0	99.2	99.2	99.2	99.2	99.3
≥1	44.3	93.3	95.8	97.7	99.4	98.8	98.8	98.9	99.1	99.2	99.3	99.5	99.5	99.5	99.5	99.6
≥0.5	44.4	93.5	96.1	98.1	98.7	99.1	99.2	99.2	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.9
≥0.3	40.4	93.5	96.1	98.1	98.7	99.1	99.2	99.2	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.9
≥0.2	40.3	93.5	96.1	98.1	98.7	99.2	99.2	99.2	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.9
≥0.1	41.4	93.5	96.1	98.1	98.7	99.2	99.2	99.2	99.4	99.5	99.7	99.8	99.8	99.8	99.9	99.9
≥0.05	42.4	93.5	96.1	98.1	98.7	99.2	99.2	99.2	99.4	99.5	99.7	99.8	99.8	99.8	99.9	99.9
≥0.02	42.4	93.5	96.1	98.1	98.7	99.2	99.2	99.2	99.4	99.5	99.7	99.8	99.8	99.8	99.9	99.9
≥0.01	42.4	93.5	96.1	98.1	98.7	99.2	99.2	99.2	99.4	99.5	99.7	99.8	99.8	99.8	99.9	99.9
≥0.005	42.4	93.5	96.1	98.1	98.7	99.2	99.2	99.2	99.4	99.5	99.7	99.8	99.8	99.8	99.9	99.9
≥0.002	42.4	93.5	96.1	98.1	98.7	99.2	99.2	99.2	99.4	99.5	99.7	99.8	99.8	99.8	99.9	99.9
≥0.001	42.4	93.5	96.1	98.1	98.7	99.2	99.2	99.2	99.4	99.5	99.7	99.8	99.8	99.8	99.9	99.9
≥0.0005	42.4	93.5	96.1	98.1	98.7	99.2	99.2	99.2	99.4	99.5	99.7	99.8	99.8	99.8	99.9	99.9
≥0.0002	42.4	93.5	96.1	98.1	98.7	99.2	99.2	99.2	99.4	99.5	99.7	99.8	99.8	99.8	99.9	99.9
≥0.0001	42.4	93.5	96.1	98.1	98.7	99.2	99.2	99.2	99.4	99.5	99.7	99.8	99.8	99.8	99.9	99.9
≥0.00005	42.4	93.5	96.1	98.1	98.7	99.2	99.2	99.2	99.4	99.5	99.7	99.8	99.8	99.8	99.9	99.9
≥0.00002	42.4	93.5	96.1	98.1	98.7	99.2	99.2	99.2	99.4	99.5	99.7	99.8	99.8	99.8	99.9	99.9
≥0.00001	42.4	93.5	96.1	98.1	98.7	99.2	99.2	99.2	99.4	99.5	99.7	99.8	99.8	99.8	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 7537

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14-530 GELA ITALY 73-82 STATION NAME DATE

## PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

ELEVATION FEET	VISIBILITY STATEMENTS															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥0	≥0	≥0	≥0	≥0	≥0	≥0	≥0	≥0
≥20000	47.1	64.6	77.2	71.5	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥18000	40.5	69.4	71.1	72.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥16000	40.5	69.4	71.1	72.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥14000	40.5	69.4	71.1	72.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥12000	40.9	69.6	71.5	72.7	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥10000	43.4	74.8	76.4	77.7	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥8000	45.5	82.2	84.3	85.5	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥6000	45.5	82.6	84.7	86.0	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥4000	45.5	82.6	84.7	86.0	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥2000	45.5	81.5	85.5	86.8	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥1000	45.5	83.5	85.5	86.8	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥500	45.5	83.5	85.5	86.8	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥200	47.5	88.4	90.9	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥100	47.9	93.4	96.3	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥50	47.9	93.4	96.3	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥20	47.9	93.4	96.3	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥10	47.9	93.4	96.3	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥5	47.9	93.4	96.3	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥2	47.9	93.4	96.3	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥1	47.9	93.4	96.3	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 242



GENERAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1945-47 GELA ITALY 73-82

## PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

CEILING	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
100	22.3	42.4	43.2	44.2	44.7	45.1	45.1	45.3	45.7	45.3	45.7	45.3	45.3	45.7	45.7	45.7	45.7
90	23.2	45.0	45.8	46.9	47.2	47.7	47.7	47.7	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
80	24.1	45.1	46.0	46.9	47.4	47.9	47.9	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
70	24.1	45.1	46.0	46.9	47.4	47.9	47.9	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
60	24.1	45.1	46.0	46.9	47.4	47.9	47.9	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
50	29.3	53.2	54.4	55.5	56.7	56.0	56.6	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
40	33.5	57.5	60.7	62.3	62.8	63.4	63.4	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
30	34.0	60.0	61.2	62.3	63.3	63.9	63.9	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
20	34.0	60.0	61.2	62.3	63.3	63.9	63.9	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
10	34.0	60.0	61.2	62.3	63.3	63.9	63.9	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
0	34.0	60.0	61.2	62.3	63.3	63.9	63.9	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
100	34.7	54.6	85.9	87.4	87.9	88.5	88.5	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
90	34.0	54.8	85.9	87.7	88.2	88.8	88.8	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
80	34.7	54.8	85.9	87.7	88.2	88.8	88.8	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
70	35.3	56.7	87.9	89.8	90.3	90.9	90.9	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
60	33.0	91.6	97.7	94.7	95.1	95.8	95.8	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
50	39.3	94.3	95.6	97.7	93.2	99.0	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7
40	39.3	94.3	95.6	97.7	98.2	99.0	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.7
30	39.3	94.5	95.6	98.1	98.5	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
20	39.3	94.5	95.8	98.1	98.5	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
10	39.3	94.5	95.8	98.1	98.5	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
0	39.3	94.5	95.8	98.1	98.5	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
100	39.3	94.5	95.8	98.1	98.5	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
90	39.3	94.5	95.8	98.1	98.5	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
80	39.3	94.5	95.8	98.1	98.5	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
70	39.3	94.5	95.8	98.1	98.5	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
60	39.3	94.5	95.8	98.1	98.5	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
50	39.3	94.5	95.8	98.1	98.5	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
40	39.3	94.5	95.8	98.1	98.5	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
30	39.3	94.5	95.8	98.1	98.5	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
20	39.3	94.5	95.8	98.1	98.5	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
10	39.3	94.5	95.8	98.1	98.5	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
0	39.3	94.5	95.8	98.1	98.5	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 614

GLOBAL CLIMATOLOGY BRANCH  
 AFAP/ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

144537 WELA ITALY STATION NAME

73-82

8-68

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0100-1100

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
≥20000	17.3	33.7	40.3	41.5	41.7	41.3	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥18000	29.7	41.7	43.4	44.0	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
≥16000	29.2	42.1	43.9	45.1	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥14000	29.2	42.1	43.9	45.1	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥12000	29.5	42.8	44.8	45.9	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥10000	30.6	53.0	54.9	56.1	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥8000	41.4	57.1	62.5	63.8	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥6000	42.1	61.3	63.4	64.7	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥4000	42.1	61.0	63.4	64.7	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥2000	42.4	61.5	83.9	85.2	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥1500	42.4	61.5	83.9	85.2	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥1000	42.5	61.7	84.7	85.4	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥750	44.7	84.5	86.9	88.2	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥500	49.3	91.0	97.4	94.7	95.0	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥250	49.8	93.9	96.3	97.9	93.4	98.5	98.5	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥100	50.4	94.8	97.2	98.8	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥75	51.5	95.3	97.6	99.3	99.7	99.9	99.9	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100
≥50	51.5	95.3	97.6	99.3	99.7	99.9	99.9	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100
≥25	51.5	95.3	97.6	99.3	99.7	99.9	99.9	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100
≥15	51.5	95.3	97.6	99.3	99.7	99.9	99.9	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100
≥10	51.5	95.3	97.6	99.3	99.7	99.9	99.9	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100
≥5	51.5	95.3	97.6	99.3	99.7	99.9	99.9	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100
≥1	51.5	95.3	97.6	99.3	99.7	99.9	99.9	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100

TOTAL NUMBER OF OBSERVATIONS 677

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

164530 SELA ITALY 73-87

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	≥0.01	≥0
≥10000	42.2	46.5	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥9000	35.5	51.9	51.7	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
≥8000	35.4	51.4	52.1	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
≥7000	35.3	51.4	52.1	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
≥6000	35.4	51.4	52.1	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
≥5000	36.6	52.3	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥4000	42.7	62.2	63.7	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
≥3000	47.6	69.2	70.1	70.6	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥2000	47.6	69.4	70.7	71.3	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥1000	47.6	69.4	70.7	71.3	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥500	47.6	69.4	70.7	71.3	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥200	47.6	69.4	70.7	71.3	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥100	47.6	69.4	70.7	71.3	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥50	47.6	69.4	70.7	71.3	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥25	47.6	69.4	70.7	71.3	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥15	47.6	69.4	70.7	71.3	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥10	47.6	69.4	70.7	71.3	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥5	47.6	69.4	70.7	71.3	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥2.5	47.6	69.4	70.7	71.3	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥1.5	47.6	69.4	70.7	71.3	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥1	47.6	69.4	70.7	71.3	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥0.75	47.6	69.4	70.7	71.3	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥0.5	47.6	69.4	70.7	71.3	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥0.25	47.6	69.4	70.7	71.3	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥0.1	47.6	69.4	70.7	71.3	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥0.05	47.6	69.4	70.7	71.3	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥0.01	47.6	69.4	70.7	71.3	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥0	47.6	69.4	70.7	71.3	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6

TOTAL NUMBER OF OBSERVATIONS 556



GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1-4530 STATION WELA ITALY STATION NAME 73-82 YEAR 680

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

150-1700

ELEVATION FEET	VISIBILITY - STATUTE MILES															
	25	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
0-1000	32.5	44.3	44.6	45.4	45.4	45.4	45.4	45.4	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6
1000-1200	35.5	48.5	48.8	49.7	49.7	49.7	49.7	49.7	49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9
1200-1400	35.7	48.8	49.1	50.0	50.0	50.0	50.0	50.0	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1
1400-1600	35.9	48.8	49.1	50.0	50.0	50.0	50.0	50.0	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1
1600-1800	36.5	50.0	50.3	51.2	51.2	51.2	51.2	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3
1800-2000	44.1	59.9	67.4	51.3	51.3	61.3	61.3	61.3	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5
2000-2200	50.9	68.5	69.7	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
2200-2400	50.9	68.5	69.7	71.3	71.3	71.3	71.3	71.3	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5
2400-2600	50.9	68.5	69.7	71.3	71.3	71.3	71.3	71.3	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5
2600-2800	51.7	81.0	82.4	83.8	83.8	83.8	83.8	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0
2800-3000	51.7	81.0	82.4	83.8	83.8	83.8	83.8	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0
3000-3200	51.2	81.2	82.5	84.0	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1
3200-3400	51.2	81.2	82.5	84.0	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1
3400-3600	83.4	84.6	85.9	87.5	87.6	87.8	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9
3600-3800	87.6	91.4	92.2	94.0	94.1	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
3800-4000	80.1	95.0	97.1	98.8	99.0	99.1	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
4000-4200	87.1	95.3	97.4	99.1	99.3	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
4200-4400	87.3	95.4	97.5	99.3	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
4400-4600	80.3	95.6	97.6	99.4	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
4600-4800	80.3	95.6	97.6	99.4	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
4800-5000	80.3	95.6	97.6	99.4	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
5000-5200	80.3	95.6	97.6	99.4	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
5200-5400	80.3	95.6	97.6	99.4	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
5400-5600	80.3	95.6	97.6	99.4	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
5600-5800	80.3	95.6	97.6	99.4	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
5800-6000	80.3	95.6	97.6	99.4	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
6000-6200	80.3	95.7	97.8	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
6200-6400	80.3	95.7	97.8	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 680

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1453  
STATION

UCLA ITALY

73-87

010

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1310-1-10

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
20000	29.2	49.6	49.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
18000	30.7	51.4	51.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
16000	30.7	51.4	51.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
14000	30.7	51.4	51.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
12000	31.1	52.1	52.1	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
10000	37.5	62.3	62.3	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
9000	41.4	70.0	70.0	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
8000	42.2	71.4	72.4	73.9	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
7000	42.2	71.4	72.4	73.9	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
6000	42.2	71.4	72.4	73.9	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
5000	42.2	73.5	84.4	86.0	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
4500	42.2	73.5	84.4	86.0	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
4000	42.2	73.5	84.4	86.0	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	42.2	73.5	84.4	86.0	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
3000	43.6	85.3	86.9	88.3	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
2500	47.5	92.0	93.6	95.1	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
2000	51.2	96.1	97.7	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1800	51.2	96.1	97.7	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1600	51.2	96.1	97.7	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1400	51.2	96.1	97.7	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1200	51.2	96.1	97.7	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1000	51.2	96.1	97.7	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
900	51.2	96.1	97.7	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
800	51.2	96.1	97.7	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700	51.2	96.1	97.7	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600	51.2	96.1	97.7	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	51.2	96.1	97.7	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	51.2	96.1	97.7	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	51.2	96.1	97.7	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	51.2	96.1	97.7	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	51.2	96.1	97.7	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 114

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

154537 VELA ITALY STATION NAME 73-80 850

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

100-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	20	26	25	24	23	22	22	21	20	19	18	17	16	15	14	13
1000	40.5	64.5	65.3	66.8	67.2	67.6	67.6	67.6	67.6	67.9	67.9	67.9	67.9	67.9	67.9	67.9
900	40.5	65.3	66.0	67.6	67.9	68.3	68.3	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
800	40.5	65.3	66.0	67.6	67.9	68.3	68.3	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
700	40.5	65.3	66.0	67.6	67.9	68.3	68.3	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
600	40.5	65.3	66.0	67.6	67.9	68.3	68.3	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
500	40.5	65.3	66.0	67.6	67.9	68.3	68.3	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
400	40.5	65.3	66.0	67.6	67.9	68.3	68.3	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
300	40.5	65.3	66.0	67.6	67.9	68.3	68.3	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
200	40.5	65.3	66.0	67.6	67.9	68.3	68.3	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
100	40.5	65.3	66.0	67.6	67.9	68.3	68.3	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
0	40.5	65.3	66.0	67.6	67.9	68.3	68.3	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
1000	45.1	78.6	79.4	81.3	82.1	82.3	82.8	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
900	45.1	79.4	80.2	82.4	83.2	84.0	84.0	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
800	45.1	79.4	80.2	82.4	83.2	84.0	84.0	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
700	45.1	79.4	80.2	82.4	83.2	84.0	84.0	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
600	45.1	79.4	80.2	82.4	83.2	84.0	84.0	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
500	45.1	79.4	80.2	82.4	83.2	84.0	84.0	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
400	45.1	79.4	80.2	82.4	83.2	84.0	84.0	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
300	45.1	79.4	80.2	82.4	83.2	84.0	84.0	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
200	45.1	79.4	80.2	82.4	83.2	84.0	84.0	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
100	45.1	79.4	80.2	82.4	83.2	84.0	84.0	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
0	45.1	79.4	80.2	82.4	83.2	84.0	84.0	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
1000	46.2	81.3	82.1	84.4	85.1	86.3	86.3	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
900	46.5	87.0	89.2	90.8	91.6	92.7	92.7	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
800	46.5	87.0	89.2	90.8	91.6	92.7	92.7	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
700	46.5	87.0	89.2	90.8	91.6	92.7	92.7	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
600	46.5	87.0	89.2	90.8	91.6	92.7	92.7	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
500	46.5	87.0	89.2	90.8	91.6	92.7	92.7	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
400	46.5	87.0	89.2	90.8	91.6	92.7	92.7	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
300	46.5	87.0	89.2	90.8	91.6	92.7	92.7	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
200	46.5	87.0	89.2	90.8	91.6	92.7	92.7	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
100	46.5	87.0	89.2	90.8	91.6	92.7	92.7	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
0	46.5	87.0	89.2	90.8	91.6	92.7	92.7	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1

TOTAL NUMBER OF OBSERVATIONS 262

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

14437 CELS ITALY

73-82

## PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

CEILING FEET	20	26	31	34	37	40	43	47	50	55	60	65	70	75	80	85	90	95	100
500	32.4	47.7	49.4	44.3	47.5	49.6	47.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
400	32.3	51.4	51.2	52.1	52.3	52.4	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
300	32.5	50.6	51.4	52.3	52.5	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
200	32.5	50.6	51.4	52.3	52.5	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
100	32.3	51.4	52.2	53.2	53.4	53.5	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
50	32.3	60.2	61.7	62.2	62.4	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
0	43.3	67.3	69.6	69.8	70.1	70.3	70.3	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
500	43.3	67.8	69.7	70.5	70.8	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
400	43.3	67.8	69.7	70.5	70.8	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
300	43.4	67.9	69.3	70.6	70.9	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
200	43.4	67.9	69.3	70.6	70.9	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
100	43.4	82.6	84.0	85.4	85.7	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
50	43.4	82.6	84.0	85.4	85.7	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
0	43.5	82.8	84.1	85.5	85.8	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
500	45.3	85.2	86.6	88.1	88.4	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
400	45.3	85.2	86.6	88.1	88.4	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
300	48.4	90.9	92.5	94.1	94.4	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
200	48.4	90.9	92.5	94.1	94.4	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
100	50.5	95.0	96.6	98.0	98.3	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
50	50.7	95.2	97.0	98.7	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	99.7
0	50.3	95.4	97.2	98.9	99.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
500	50.3	95.4	97.2	98.9	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
400	50.3	95.4	97.2	98.9	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
300	50.3	95.4	97.2	98.9	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
200	50.3	95.4	97.2	98.9	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
100	50.3	95.4	97.2	98.9	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
50	50.3	95.4	97.2	98.9	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0	50.3	95.4	97.2	98.9	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 4043

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/PAC

# CEILING VERSUS VISIBILITY

14530 FLA ITALY STATION NAME 73-87 YEAR 1961

## PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

CEILING FEET	VISIBILITY STATISTICS															
	≥10	20	25	24	21	22	23	20	21	22	23	24				
2000	23.2	46.5	49.6	51.9	52.6	53.1	57.1	53.4	53.5	53.6	57.1	53.7	57.7	53.3	57.3	53.1
1800	25.6	49.2	52.7	55.2	55.3	56.5	56.5	56.6	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.3
1600	25.7	49.4	52.8	55.4	56.1	56.7	56.7	57.1	57.1	57.2	57.3	57.3	57.3	57.4	57.4	57.4
1400	25.7	49.4	52.8	55.4	56.1	56.7	56.7	57.1	57.1	57.2	57.3	57.3	57.3	57.4	57.4	57.4
1200	26.0	50.0	53.5	56.1	56.8	57.4	57.4	57.7	57.9	57.9	58.1	58.1	58.1	58.1	58.1	58.2
1000	31.1	56.3	60.3	63.0	63.8	64.4	64.4	64.7	64.9	65.0	65.1	65.1	65.1	65.2	65.2	65.3
800	32.7	61.2	65.4	68.4	69.3	70.0	70.0	70.3	70.5	70.6	70.6	70.7	70.7	70.8	70.8	70.8
600	32.8	61.3	65.6	68.7	69.6	70.2	70.2	70.5	70.7	70.8	70.9	70.9	71.0	71.0	71.0	71.1
400	32.8	61.3	65.6	68.7	69.6	70.2	70.2	70.5	70.7	70.8	70.9	70.9	71.0	71.0	71.0	71.1
200	32.8	61.4	65.6	68.7	69.6	70.2	70.2	70.6	70.8	70.8	70.9	71.0	71.0	71.0	71.0	71.1
100	32.8	61.6	65.9	69.0	69.8	70.5	70.5	70.8	71.0	71.1	71.1	71.2	71.2	71.3	71.3	71.3
50	32.8	61.6	65.9	69.0	69.8	70.5	70.5	70.8	71.0	71.1	71.1	71.2	71.2	71.3	71.3	71.4
30	32.9	61.7	66.0	69.1	69.9	70.6	70.6	70.9	71.1	71.2	71.3	71.3	71.4	71.4	71.4	71.5
15	32.9	61.8	66.1	69.2	70.0	70.7	70.7	71.0	71.2	71.3	71.4	71.4	71.4	71.5	71.5	71.6
10	34.2	63.6	68.0	71.1	72.0	72.7	72.7	73.0	73.2	73.3	73.4	73.4	73.4	73.5	73.5	73.6
5	35.7	66.2	70.7	74.0	74.9	75.6	75.6	76.0	76.2	76.3	76.3	76.4	76.4	76.5	76.5	76.6
3	37.0	68.5	73.2	76.8	77.8	78.5	78.6	78.9	79.1	79.2	79.3	79.4	79.4	79.4	79.4	79.5
2	37.1	68.6	73.3	76.9	77.9	78.7	78.7	79.1	79.7	79.3	79.4	79.5	79.5	79.6	79.6	79.6
1	37.1	68.7	73.4	77.0	78.0	78.8	78.8	79.2	79.4	79.5	79.5	79.6	79.6	79.7	79.7	79.8
0.5	37.1	68.7	73.4	77.1	78.1	78.8	78.8	79.2	79.4	79.5	79.6	79.6	79.7	79.7	79.7	79.8
0.25	37.1	68.7	73.4	77.1	78.1	78.8	78.8	79.2	79.4	79.5	79.6	79.6	79.7	79.7	79.7	79.8
0.1	37.1	68.7	73.4	77.1	78.1	78.8	78.8	79.2	79.4	79.5	79.6	79.6	79.7	79.7	79.7	79.8
0.05	37.1	68.7	73.4	77.1	78.1	78.8	78.8	79.2	79.4	79.5	79.6	79.6	79.7	79.7	79.7	79.8
0.025	37.1	68.7	73.4	77.1	78.1	78.8	78.8	79.2	79.4	79.5	79.6	79.6	79.7	79.7	79.7	79.8
0.01	37.1	68.7	73.4	77.1	78.1	78.8	78.8	79.2	79.4	79.5	79.6	79.6	79.7	79.7	79.7	79.8
0.005	37.1	68.7	73.4	77.1	78.1	78.8	78.8	79.2	79.4	79.5	79.6	79.6	79.7	79.7	79.7	79.8
0.0025	37.1	68.7	73.4	77.1	78.1	78.8	78.8	79.2	79.4	79.5	79.6	79.6	79.7	79.7	79.7	79.8
0.001	37.1	68.7	73.4	77.1	78.1	78.8	78.8	79.2	79.4	79.5	79.6	79.6	79.7	79.7	79.7	79.8
0.0005	37.1	68.7	73.4	77.1	78.1	78.8	78.8	79.2	79.4	79.5	79.6	79.6	79.7	79.7	79.7	79.8
0.00025	37.1	68.7	73.4	77.1	78.1	78.8	78.8	79.2	79.4	79.5	79.6	79.6	79.7	79.7	79.7	79.8
0.0001	37.1	68.7	73.4	77.1	78.1	78.8	78.8	79.2	79.4	79.5	79.6	79.6	79.7	79.7	79.7	79.8
0.00005	37.1	68.7	73.4	77.1	78.1	78.8	78.8	79.2	79.4	79.5	79.6	79.6	79.7	79.7	79.7	79.8
0.000025	37.1	68.7	73.4	77.1	78.1	78.8	78.8	79.2	79.4	79.5	79.6	79.6	79.7	79.7	79.7	79.8
0.00001	37.1	68.7	73.4	77.1	78.1	78.8	78.8	79.2	79.4	79.5	79.6	79.6	79.7	79.7	79.7	79.8

TOTAL NUMBER OF OBSERVATIONS 43264

## PART D

## SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

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

NOTE: #1: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

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

2

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

### SKY COVER

164530  
STATION

GELA ITALY  
STATION NAME

74-83  
PERIOD

JAN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JAN	00-02	37.0	7.4		7.6	11.8	9.7	6.3		8.8	4.2	11.3	3.8	238
	03-05	43.3	1.7		7.5	6.3	8.3	9.2		5.8	7.1	10.8	3.6	240
	06-08	31.6	4.4		10.7	12.1	8.1	5.9		8.8	7.0	11.4	4.1	272
	09-11	20.8	8.2		7.8	8.2	9.7	6.3		12.3	11.9	14.9	5.0	269
	12-14	10.5	5.3		10.2	12.8	14.7	11.3		14.3	8.6	12.4	5.4	266
	15-17	12.0	6.7		10.9	10.9	10.1	11.2		15.7	10.9	11.6	5.4	267
	18-20	18.6	6.6		11.3	10.6	8.4	10.9		10.9	7.3	15.3	5.0	274
	21-23	26.3	3.1		12.7	11.2	11.2	6.6		10.0	7.7	11.2	4.4	259
TOTALS		25.0	4.9		9.8	10.5	10.0	8.5		10.8	8.1	12.4	4.6	2595







2

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFC WEATHER SERVICE/MAC

# SKY COVER

164530  
STATION

GELA ITALY  
STATION NAME

74-83  
PERIOD

APR  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
APR	00-02	42.9	2.4		9.4	12.2	6.9	4.9		9.4	4.1	7.8	3.3	245
	03-05	42.9	2.7		8.3	6.7	11.4	5.1		9.4	4.7	9.4	3.5	254
	06-08	26.4	4.0		10.8	9.7	9.4	11.9		9.4	4.3	14.1	4.5	277
	09-11	19.1	5.1		11.2	13.4	9.4	7.6		10.1	8.7	14.4	4.9	277
	12-14	13.7	5.6		11.9	13.2	12.6	7.4		10.8	8.9	16.7	5.3	269
	15-17	12.5	2.7		12.9	12.5	12.9	9.8		13.6	9.1	14.0	5.5	264
	18-20	17.5	5.9		10.8	12.3	10.8	12.6		12.3	6.3	11.5	4.9	269
	21-23	39.6	3.4		8.7	10.9	4.1	6.0		8.7	4.2	9.4	3.6	265
TOTALS		26.7	4.0		10.5	11.4	10.3	8.2		10.5	6.3	12.1	4.4	2120

USAFETAC

FORM  
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

**SKY COVER**

164530 GELA ITALY 74-83 MAY  
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
MAY	00-02	56.1	2.0		6.3	6.7	7.1	2.0		7.1	4.3	7.5	7.7	253
	03-05	57.6	.7		4.4	7.0	6.6	4.8		7.0	4.8	7.0	7.7	271
	06-08	40.6	3.5		9.5	7.1	7.1	3.5		9.9	7.1	11.7	7.8	283
	09-11	34.7	8.6		6.9	7.9	7.2	8.6		5.5	7.6	11.0	7.8	291
	12-14	22.3	6.4		17.4	14.2	9.7	7.4		6.4	7.4	9.6	4.7	282
	15-17	20.3	8.2		14.2	14.2	9.3	8.9		8.9	6.0	10.0	4.3	281
	18-20	27.9	6.2		10.7	13.4	11.4	7.9		10.7	3.4	8.3	4.0	290
	21-23	50.0	2.5		13.1	8.3	8.0	5.8		6.2	2.9	6.2	2.8	276
TOTALS		38.7	4.8		10.2	9.9	8.2	6.2		7.7	5.4	8.9	7.5	2227

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/PAC

**SKY COVER**

144530  
STATION

GELA ITALY  
STATION NAME

73-R2  
PERIOD

JUN  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
JUN	00-02	70.7	1.2		9.4	5.5	4.7	4.3		1.2	2.0	1.6	1.4	255
	03-05	69.9	2.3		4.9	7.9	5.3	2.3		3.7	1.5	3.0	1.6	266
	06-08	60.4	2.9		5.4	7.2	7.2	5.8		4.3	2.5	4.3	2.2	278
	09-11	53.5	3.0		12.4	7.1	6.7	3.5		3.5	3.5	5.7	2.4	282
	12-14	41.4	1.3		13.4	9.0	7.5	6.0		5.2	3.0	3.7	2.7	268
	15-17	39.5	2.8		16.3	11.6	5.4	5.8		5.1	3.6	2.9	2.7	276
	18-20	45.7	8.2		12.3	10.0	8.2	6.7		5.2	1.9	1.9	2.4	269
	21-23	65.3	4.1		9.0	7.9	6.1	1.4		3.6	0.7	1.4	1.5	278
TOTALS		55.8	5.4		10.4	8.3	6.4	4.5		3.9	2.3	3.1	2.1	2172



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/PAC

SKY COVER

164530  
STATION

GELA ITALY  
STATION NAME

77-82  
PERIOD

AUG  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
AUG	00-02	81.4	1.6		6.2	7.7	3.0	1.2		1.0	.8	.8	.9	258
	03-05	86.2	.3		3.1	1.9	3.4	1.1		1.1	1.1	1.1	.7	261
	06-08	71.9	3.2		7.2	3.7	4.7	2.5		4.0	1.4	1.3	1.4	278
	09-11	67.0	7.6		4.9	9.0	2.8	1.7		3.5	2.4	1.0	1.4	288
	12-14	50.9	13.0		13.3	7.0	6.3	4.2		2.5	1.8	1.1	1.8	285
	15-17	51.8	12.2		14.4	8.6	5.4	2.5		3.2	1.4	.4	1.7	278
	18-20	52.9	9.6		12.9	8.9	6.8	4.6		2.5	1.8		1.8	290
	21-23	76.7	3.4		6.8	3.8	4.5	2.6		.8	1.1	.4	1.7	266
TOTALS		67.4	6.4		8.6	5.6	4.7	2.6		2.4	1.5	.8	1.3	2194

2  
GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

SKY COVER

164530 BELA ITALY 73-82 SEP  
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
SEP	00-02	71.3	2.9		5.9	6.3	3.5	2.0		4.3	1.6	2.4	1.5	254
	03-05	66.7	1.6		9.2	8.0	4.4	3.2		3.6	1.2	2.2	1.6	249
	06-08	46.9	7.0		11.7	8.1	8.8	9.2		4.8	1.5	2.2	2.5	273
	09-11	42.5	9.1		17.8	8.7	6.0	6.5		5.5	2.5	.4	2.4	275
	12-14	27.8	12.1		17.4	15.7	9.3	4.6		6.8	3.2	3.2	3.2	281
	15-17	23.6	18.2		17.1	11.6	10.9	6.2		7.3	1.5	3.6	3.2	275
	18-20	29.6	13.2		10.4	12.5	11.1	8.2		7.1	4.6	3.2	3.3	280
	21-23	52.7	5.9		10.2	10.5	9.4	4.7		4.3	1.2	2.0	2.2	256
TOTALS		45.1	8.7		12.5	10.2	8.0	5.6		5.5	2.2	2.4	2.5	2143

2  
GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/PAC

SKY COVER

164530  
STATION

BELA ITALY  
STATION NAME

73-02  
PERIOD

OCT  
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL OBSER- VATIONS
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02	46.1	2.7		9.4	9.8	6.6	7.8		7.4	3.5	6.6	7.1	256
	03-05	46.2	3.2		11.2	10.4	8.4	6.0		6.8	1.6	6.4	7.9	251
	06-08	25.7	8.6		11.2	14.1	12.3	11.2		9.3	3.0	4.8	3.8	269
	09-11	22.6	13.6		11.1	14.7	5.7	9.0		10.0	5.7	7.5	4.0	279
	12-14	13.1	11.7		18.4	16.3	12.7	8.1		8.1	6.0	5.7	4.2	283
	15-17	13.2	9.6		15.7	16.7	9.6	17.3		12.1	7.1	5.7	4.5	281
	18-20	23.1	5.7		13.9	13.2	11.4	9.6		9.6	7.1	6.4	4.2	281
	21-23	36.6	4.5		11.6	13.1	10.1	5.6		9.0	3.7	6.0	7.4	268
TOTALS		29.3	7.5		12.8	13.5	9.6	8.5		9.0	4.7	6.1	3.8	2168



GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AFM WEATHER SERVICE/PAC

# SKY COVER

144530     GELA ITALY     73-82     NOV

STATION     STATION NAME     PERIOD     MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
NOV	00-02	39.7	5.6		5.8	8.5	5.1	5.1		12.4	4.3	9.4	3.6	234
	03-05	42.1	6.6		6.6	7.9	7.9	6.2		9.1	4.5	9.1	3.4	242
	06-08	24.3	6.3		13.3	11.4	7.8	9.2		12.2	6.7	9.8	4.4	255
	09-11	19.3	9.5		11.3	11.7	8.7	10.6		9.9	12.0	7.7	4.6	274
	12-14	5.3	8.3		17.7	13.4	11.7	9.1		11.4	10.6	10.2	5.1	254
	15-17	11.1	9.1		11.9	13.7	13.3	11.9		13.7	7.8	9.3	5.1	270
	18-20	22.3	6.2		15.0	12.1	11.7	5.1		8.4	8.1	11.0	4.4	273
	21-23	31.9	3.5		10.9	14.4	10.1	6.2		8.2	4.7	12.1	3.9	257
TOTALS		24.9	6.8		11.7	11.6	9.7	7.8		10.4	7.3	9.8	4.3	2059

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### SKY COVER

164530  
 STATION

GELA ITALY  
 STATION NAME

73-82  
 PERIOD

DPO  
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
EFC	00-02	36.3	4.2		11.8	11.3	9.2	5.8		6.7	6.3	9.6	3.7	240
	03-05	38.5	2.5		9.7	11.5	11.1	4.9		9.4	6.1	7.0	3.6	244
	06-08	25.5	4.1		10.9	15.0	13.1	9.7		7.5	5.6	8.6	4.2	267
	09-11	15.9	8.3		8.7	13.0	9.4	10.1		10.1	10.1	14.1	5.1	276
	12-14	9.6	7.1		11.4	15.0	15.7	7.9		9.3	8.6	16.1	5.4	280
	15-17	9.4	7.2		14.9	14.1	10.1	9.4		14.5	8.0	12.3	5.3	276
	18-20	21.5	5.1		12.4	13.8	10.2	7.6		14.5	6.2	9.7	4.5	275
	21-23	32.4	1.5		12.2	11.1	9.9	8.0		8.8	4.6	11.5	4.1	262
TOTALS		23.6	5.0		11.3	13.1	11.0	7.9		10.1	6.9	11.0	4.5	2120

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

SKY COVER

144530  
 STATION

GELA ITALY  
 STATION NAME

73-83  
 REF ID

ALL  
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL OBSERVATIONS	
		0	1	2	3	4	5	6	7	8	9			10
JAN	ALL	25.0	4.9		9.8	10.5	10.0	8.5		10.8	8.1	12.4	4.6	2085
FEB		21.4	5.2		10.1	12.3	10.4	8.4		12.0	7.3	13.0	4.8	1998
MAR		26.2	5.0		3.7	10.4	10.3	8.0		10.9	7.4	13.2	4.6	2256
APR		26.7	4.0		10.5	11.4	10.3	9.2		10.5	6.3	12.1	4.4	2120
MAY		38.7	4.8		10.2	9.9	8.2	6.2		7.7	5.4	8.9	3.5	2227
JUN		55.9	5.4		10.4	8.3	6.4	4.5		3.9	2.3	3.1	2.1	2172
JUL		75.5	6.1		7.0	4.0	3.2	1.2		1.7	.3	1.6	.9	2243
AUG		67.4	6.4		8.6	5.6	4.7	2.6		2.4	1.5	.8	1.3	2194
SEP		45.1	8.7		12.5	10.2	8.0	5.6		5.5	2.2	2.4	2.5	2143
OCT		28.3	7.5		12.8	13.5	9.6	8.5		9.0	4.7	6.1	3.8	2168
NOV		24.9	6.8		11.7	11.6	9.7	7.8		10.4	7.3	9.8	4.3	2059
DEC		23.6	5.0		11.3	13.1	11.0	7.9		10.1	6.9	11.0	4.5	2120
TOTALS		38.2	5.9		10.3	10.1	8.5	6.5		7.9	5.0	7.9	3.4	25795

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 ( $\sum X^2$ ), sums of values ( $\sum X$ ), means ( $\bar{X}$ ), and standard deviations ( $\sigma_x$ ). 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.





SIGNAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/AFAC

## PSYCHROMETRIC SUMMARY

14530 VLA ITALY STATION NAME 74-63 YEARS MONTH JAN

PAGE 1 1955-01-01 TO 1955-01-31 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																
47 85			.4																													1	1				
47 81			.4																													1	1				
47 79			.4	.7																												3	3		1		
47 57			2.6	1.2																												12	12	1			
47 55			1.0	4.4	3.0	.4																										26	25	8	2		
47 53			4.2	2.6	2.1	1.2	.4																									27	27	13	2		
47 51			4.2	7.7	1.1	.4																										36	36	24	5		
47 49			4.5	3.3	3.9	.7																										44	45	23	15		
47 47			.7	5.9	3.7	1.1																										41	31	57	23		
47 45			.7	1.4	5.6	.7	.7																									49	49	39	54		
47 43			2.6	3.3	1.5																												20	20	22	34	
47 41			2.6	2.2	.7																												15	15	24	44	
47 39			.7	1.1																													8	8	16	17	
47 37																																			11	11	17
47 35																																				11	
47 33																																				11	
47 31																																				4	
47 29																																				4	
47 27																																				2	
47 25																																				2	
Tot			2.240	4.444	4.111	1.1	1.1																												271	271	271

Element (X)	Σx²	Σx	Σ	σ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	174613	21544	72.8	2.742	271							
Dry Bulb	664204	13358	49.3	4.622	271							93
Wet Bulb	58322	12526	46.3	4.628	271							93
Dew Point	51227	11654	43.2	5.864	271		4.5					23

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



FEDERAL BUREAU OF INVESTIGATION  
 AIR FORCE WEATHER SERVICE/WAC

PSYCHROMETRIC SUMMARY

1 49 30 GELA ITALY 74-63  
 STATION STATION NAME YEARS MONTH  
 1900-1100  
 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																			
/ 31			1.1																3																					
/ 59			.4	2.2	1.1	.7													12		17																			
/ 57			2.2	2.2	2.	1.													23		27		4																	
/ 55			2.2	4.3	4.					.4									31		31		13																	
/ 53			2.2	2.2	3.3	.4													41		42		11																	
/ 51	.4	4.4	1.1	.7															47		47		23																	
/ 49		3.7	2.6	2.6															53		43		41																	
/ 47	.4	5.9	4.0	2.2															74		34		13																	
/ 45		4.0	4.0	.4	.4														74		24		40																	
/ 43		.4	2.2	.7															11		11		27																	
/ 41		.7	1.1																5				13																	
/ 39																							12																	
/ 37																								14																
/ 35																								10																
/ 33																									11															
/ 31																									4															
/ 29																									1															
TOTAL	.72	1.52	2.17	3	3.7	.4													272		223		272																	

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s^2$	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	166572	21146	77.7	8.964	272							
Dry Bulb	725768	14023	51.4	4.264	273							93
Wet Bulb	635429	13347	48.9	4.122	272							93
Dew Point	546228	12112	44.5	5.741	272			1.7				93

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



2

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AT WEATHER SERVICE/MAG

PSYCHROMETRIC SUMMARY

14520 GELA ITALY 74-53 031  
STATION MONTH  
PAGE 1 1100-1700  
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														
67																		1		1															
68				.4	.4													2		2															
69			.4	.4	.4	.4	.4											7		7															
70		.4	1.1	.4	.4	.4	.4											6		6															
71	.4	4.2	7.1	6.3	4.7	.4	.4	.4	.4									23		73	4	5													
72		1.5	6.2	6.7	5.3	1.1		.4										14		59	19	5													
73		1.7	7.5	4.5	2.3		.4											44		44	79	13													
74			4.2	4.5	2.3	.4	.4											33		53	54	24													
75		1.5	.4	1.7	1.1	1.1	.4											17		17	52	32													
76			.4	1.7	.4	.4												10		10	37	36													
77		.4	.4	.4	.4													4		4	15	35													
78			.4	1.7														6		6	14	31													
79		.4		.4														2		2	14	22													
80																						16													
81																						8													
82																						1													
83																						7													
84																						1													
85																						2													
86																						4													
87																						1													
88																						1													
89																						4													
90																						1													
91																						1													
92																						4													
93																						1													
94																						1													
95																						4													
96																						1													
97																						1													
98																						4													
99																						1													
100																						1													
TOTAL		.4	10.235	.130	.214	.0	5.3	2.0	1.1	.4								265		266	265	265													

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

Element (X)	Σ X'	Σ X	X̄	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	1339815	185.5	69.8	13.429	265	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	246967	14973	56.7	3.907	266			0.3				93
Wet Bulb	699118	13526	51.2	4.603	265							93
Dew Point	577257	12217	46.1	7.290	265		6.3					93

GENERAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICES/MAC

# PSYCHROMETRIC SUMMARY

1-48-33 STATION 01A ITALY STATION NAME 74-03 YEARS 1958 MONTH JAN

PAGE 1 1958-2000 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	O.B.W.B.	Dry Bulb	Wet Bulb	Dew Point														
62				.4														1	1																
61			.4															1	1																
60	.4	4.4	5.5	2.6		.4												36	36	0	1														
59		4.1	7.2	4.1	1.5	.4												45	46	14															
58		4.4	11.1	6.3	1.1	.4												13	45	26	14														
57		4.8	8.5	3.2	2.8	.4	.1											53	53	39	23														
56		.7	4.4	3.3	.4		.4											23	25	54	27														
55	.4	1.5	2.8	.4	.4	.7												16	16	54	28														
54		1.1	1.1	2.2		.4												13	13	24	40														
53		1.1	1.1	.4	.7	.4												12	12	23	35														
52			.4	.4														2	2	13	25														
51			1.1															3	7	6	13														
50																					15														
49																				2	2														
48																					10														
47																					4														
46																					1														
45																					1														
44																					1														
43																					2														
42																					2														
41																					2														
40																					2														
39																					2														
38																					2														
37																					2														
36																					2														
35																					2														
34																					2														
33																					2														
32																					2														
31																					2														
30																					2														
29																					2														
28																					2														
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17																					2														
16																					2														
15																					2														
14																					2														
13																					2														
12																					2														
11																					2														
10																					2														
9																					2														
8																					2														
7																					2														
6																					2														
5																					2														
4																					2														
3																					2														
2																					2														
1																					2														
0																					2														
TOTAL		.727	.143	.932	.7	5.6	3.6	.7										271	273		271														

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Num.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total
Dry Bulb	404238	1476	54.1	3.264	273							27
Wet Bulb	634516	13566	50.1	4.487	271							53
Dew Point	585612	12474	46.0	6.509	271		3.8					27

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

2

REGIONAL CLIMATOLOGY BRANCH  
 AFSAFAC  
 AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

14530 CELA ITALY 74-53  
 STATION STATION NAME YEARS  
 MONTH  
 21 0-2300  
 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														
63					.4													1	1																
61			.4	.4														2	2																
59		.4	2.0	.4														10	10	1	1														
57	.4	1.1	3.0	2.0	.4													24	24	4	1														
56		4.7	3.2	5.1														45	45	14	1														
55		7.5	7.0	2.7														3	33	24	12														
51	.4	5.1	3.6	1.6	1.2													44	44	42	23														
49		4.7	5.6	1.0	.4													34	36	51	32														
47		5.1	3.9	2.0	.4	.3												71	31	45	35														
45	.4	2.0	3.1	.4	1.0													10	20	25	49														
43			1.2	.4														4	4	12	31														
41		.0	1.2	.4														7	7	9	19														
39																				15	14														
37																				4	11														
35																				7	5														
33																					7														
31																					1														
29																					4														
27																					4														
25																					1														
TOTAL	1.6	29.7	45.7	17.6	4.8	1.2												256	256	256	256														
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	1570337	19867	77.6	10.581	256	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																							
Dry Bulb	627295	13369	51.8	4.204	253							93																							
Wet Bulb	604000	12332	48.4	4.480	255							93																							
Dew Point	524779	11489	44.9	6.038	256		3.6					93																							

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

2

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1 4 2 3 6 VELA ITALY 74-87 JAN. MONTH ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
69					.1																														12	19		
67						.1																													7	7		
65				.1		.1																													13	19	4	
63			.1	.7	.4	.7	.1																												35	36	4	
61	.1	.7	3.8	3.1	1.1	.2	.1																												12	21	11	
59	.1	2.4	4.3	3.1	1.7	.3	.1																												274	270	16	
57	.2	2.4	4.6	4.3	1.8	.1	.1																												31	32	15	
55	.1	2.9	4.7	2.9	1.2	.2	.1																												296	287	204	
53	.2	3.3	4.3	1.2	.5	.3	.1																												249	262	13	
51	.1	3.4	5.3	1.4	.7	.2																													283	236	371	
49	.1	3.7	3.6	1.3	.2	.2																													131	171	313	
47	.2	4.3	2.7	.7	.6	.1																													1	161	273	
45		.6	1.7	.7																															62	62	151	
43		.7	1.3	.3																															47	47	94	
41		.1	.3																																6	6	18	
39																																						
37																																						
35																																						
33																																						
31																																						
29																																						
27																																						
25																																						
23																																						
TOTAL	1.32	.543	.325	.9	.65	2.2	.7	.2	.1																										2.79		277	

Element (X)	Z <sub>h</sub>	Z <sub>w</sub>	R	%	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	5844976	109966	527	4229	2079			1.1			744
Wet Bulb	503919	101513	44	4769	2079						744
Dew Point	4231641	9345	45	6192	2079		32.2				744

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

CENTRAL CLIMATOLOGY BRANCH  
 WASHINGTON, D.C.  
 METEOROLOGICAL SERVICE/MAC

PSYCHROMETRIC SUMMARY

14030 DELA ITALY 74-87 STATION NAME 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														
/ 61																		1	1		1														
/ 62		.4																1	1		1														
/ 63			.4															1	1		1														
/ 64			.4	1.3														1	1		1														
/ 65	.4	1.1	1.3	1.3	1.7													1	1		1														
/ 66	.4	1.7	1.7	2.1														1	1		1														
/ 67	.4	2.3	2.3	3.0														1	1		1														
/ 68	.4	3.0	3.4	4.1	4.7													1	1		1														
/ 69	.4	3.7	4.4	5.1	5.8	6.5												1	1		1														
/ 70	.4	4.4	5.1	5.8	6.5	7.2	7.9											1	1		1														
/ 71	.4	5.1	5.8	6.5	7.2	7.9	8.6	9.3										1	1		1														
/ 72	.4	5.8	6.5	7.2	7.9	8.6	9.3	10.0	10.7	11.4								1	1		1														
/ 73	.4	6.5	7.2	7.9	8.6	9.3	10.0	10.7	11.4	12.1	12.8							1	1		1														
/ 74	.4	7.2	7.9	8.6	9.3	10.0	10.7	11.4	12.1	12.8	13.5	14.2						1	1		1														
/ 75	.4	7.9	8.6	9.3	10.0	10.7	11.4	12.1	12.8	13.5	14.2	14.9	15.6					1	1		1														
/ 76	.4	8.6	9.3	10.0	10.7	11.4	12.1	12.8	13.5	14.2	14.9	15.6	16.3	17.0				1	1		1														
/ 77	.4	9.3	10.0	10.7	11.4	12.1	12.8	13.5	14.2	14.9	15.6	16.3	17.0	17.7	18.4			1	1		1														
/ 78	.4	10.0	10.7	11.4	12.1	12.8	13.5	14.2	14.9	15.6	16.3	17.0	17.7	18.4	19.1	19.8		1	1		1														
/ 79	.4	10.7	11.4	12.1	12.8	13.5	14.2	14.9	15.6	16.3	17.0	17.7	18.4	19.1	19.8	20.5	21.2	1	1		1														
/ 80	.4	11.4	12.1	12.8	13.5	14.2	14.9	15.6	16.3	17.0	17.7	18.4	19.1	19.8	20.5	21.2	21.9	1	1		1														
/ 81	.4	12.1	12.8	13.5	14.2	14.9	15.6	16.3	17.0	17.7	18.4	19.1	19.8	20.5	21.2	21.9	22.6	1	1		1														
/ 82	.4	12.8	13.5	14.2	14.9	15.6	16.3	17.0	17.7	18.4	19.1	19.8	20.5	21.2	21.9	22.6	23.3	1	1		1														
/ 83	.4	13.5	14.2	14.9	15.6	16.3	17.0	17.7	18.4	19.1	19.8	20.5	21.2	21.9	22.6	23.3	24.0	1	1		1														
/ 84	.4	14.2	14.9	15.6	16.3	17.0	17.7	18.4	19.1	19.8	20.5	21.2	21.9	22.6	23.3	24.0	24.7	1	1		1														
/ 85	.4	14.9	15.6	16.3	17.0	17.7	18.4	19.1	19.8	20.5	21.2	21.9	22.6	23.3	24.0	24.7	25.4	1	1		1														
/ 86	.4	15.6	16.3	17.0	17.7	18.4	19.1	19.8	20.5	21.2	21.9	22.6	23.3	24.0	24.7	25.4	26.1	1	1		1														
/ 87	.4	16.3	17.0	17.7	18.4	19.1	19.8	20.5	21.2	21.9	22.6	23.3	24.0	24.7	25.4	26.1	26.8	1	1		1														
/ 88	.4	17.0	17.7	18.4	19.1	19.8	20.5	21.2	21.9	22.6	23.3	24.0	24.7	25.4	26.1	26.8	27.5	1	1		1														
/ 89	.4	17.7	18.4	19.1	19.8	20.5	21.2	21.9	22.6	23.3	24.0	24.7	25.4	26.1	26.8	27.5	28.2	1	1		1														
/ 90	.4	18.4	19.1	19.8	20.5	21.2	21.9	22.6	23.3	24.0	24.7	25.4	26.1	26.8	27.5	28.2	28.9	1	1		1														
/ 91	.4	19.1	19.8	20.5	21.2	21.9	22.6	23.3	24.0	24.7	25.4	26.1	26.8	27.5	28.2	28.9	29.6	1	1		1														
/ 92	.4	19.8	20.5	21.2	21.9	22.6	23.3	24.0	24.7	25.4	26.1	26.8	27.5	28.2	28.9	29.6	30.3	1	1		1														
/ 93	.4	20.5	21.2	21.9	22.6	23.3	24.0	24.7	25.4	26.1	26.8	27.5	28.2	28.9	29.6	30.3	31.0	1	1		1														
/ 94	.4	21.2	21.9	22.6	23.3	24.0	24.7	25.4	26.1	26.8	27.5	28.2	28.9	29.6	30.3	31.0	31.7	1	1		1														
/ 95	.4	21.9	22.6	23.3	24.0	24.7	25.4	26.1	26.8	27.5	28.2	28.9	29.6	30.3	31.0	31.7	32.4	1	1		1														
/ 96	.4	22.6	23.3	24.0	24.7	25.4	26.1	26.8	27.5	28.2	28.9	29.6	30.3	31.0	31.7	32.4	33.1	1	1		1														
/ 97	.4	23.3	24.0	24.7	25.4	26.1	26.8	27.5	28.2	28.9	29.6	30.3	31.0	31.7	32.4	33.1	33.8	1	1		1														
/ 98	.4	24.0	24.7	25.4	26.1	26.8	27.5	28.2	28.9	29.6	30.3	31.0	31.7	32.4	33.1	33.8	34.5	1	1		1														
/ 99	.4	24.7	25.4	26.1	26.8	27.5	28.2	28.9	29.6	30.3	31.0	31.7	32.4	33.1	33.8	34.5	35.2	1	1		1														
/ 100	.4	25.4	26.1	26.8	27.5	28.2	28.9	29.6	30.3	31.0	31.7	32.4	33.1	33.8	34.5	35.2	35.9	1	1		1														
TOTAL	3.7	30.5	55.0	41.2	6.4	1.7												234	234		234														

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

2

FEDERAL CLIMATOLOGY BRANCH  
 WASH DC STAC  
 METEOROLOGICAL SERVICE STAC

PSYCHROMETRIC SUMMARY

STATION NO. 4422 STATION NAME LA PALMA YEARS 1950-1951 MONTH APR 1 HOURS 0000-2359

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
57	.4	1.7	.4	1.7	.4																													14	11	1	1
55	.4	1.4	.4	1.4	.4																													17	17	3	10
53	.4	1.1	.4	1.1	.4																													25	25	3	10
51	.4	.8	.4	.8	.4																													27	27	3	10
49	.4	.5	.4	.5	.4																													30	30	3	10
47	.4	.2	.4	.2	.4																													47	47	10	10
45	.4	.0	.4	.0	.4																													30	30	14	14
43	.4	.0	.4	.0	.4																													1	15	13	11
41	.4	.0	.4	.0	.4																													3	3	20	16
39	.4	.0	.4	.0	.4																													1	1	7	14
37	.4	.0	.4	.0	.4																															4	10
35	.4	.0	.4	.0	.4																																
33	.4	.0	.4	.0	.4																																
31	.4	.0	.4	.0	.4																																
29	.4	.0	.4	.0	.4																																
TOTAL	1.7	3.0	4.7	7.9	9.0	1.4																												234	234	234	234

USAFETAC FORM 0-26-5 (OL A) REV. 10-19-50 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	Z <sub>1</sub>	Z <sub>2</sub>	X	σ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	112722	11636	79.9	5.193	234							
Dry Bulb	24572	11600	49.7	3.842	234							14
Wet Bulb	1987	10741	42.2	3.773	234							14
Dew Point	45174	10212	43.6	4.551	234							14



CENTRAL CLIMATOLOGY BRANCH  
 WASHINGTON  
 AIR WEATHER SERVICE/NAO

PSYCHROMETRIC SUMMARY

1 47 30 HELA ITALY 74-67 1960  
 STATION MONTH  
 1960-1960  
 HOURS 24.0

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	
67																																						
68																																						
69																																						
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73																																						
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99																																						
100																																						
TOTAL																																						

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	154127	17333	31.6	2.232	240							24
Dry Bulb	595646	11662	49.4	4.253	240							24
Wet Bulb	524529	11161	46.5	4.057	240							24
Dew Point	462577	10463	43.6	4.283	240			1.1				24

USAFETAC FORM 0 26 5 (OL A) REVISED 10-15-53 (EDITION OF 1953) IN ALL OBSERVATIONS





2

CENTRAL CLIMATOLOGY BRANCH  
METIAC  
AIR WEATHER SERVICE/ZNAC

PSYCHROMETRIC SUMMARY

STATION NAME: UELA ITALY      YEARS: 1948

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	DB	WB				
57																																						
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Element (X)	$\Sigma X^2$	$\Sigma X$	R	$\%R$	No. Obs.	Mean No. of Hours with Temperature					
Rel. Hum.	15361.8	131.5	71	3.944	204	50 F	52 F	57 F	73 F	80 F	93 F
Dry Bulb	10473	144.1	56	3.292	204						
Wet Bulb	6756.7	133.7	51	3.719	204						
Dew Point	5616.1	113.3	46	3.84	204						

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

2

GLOBAL CLIMATOLOGY RESEARCH  
METAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

STATION: 14927 SIA ITALY STATION NAME: 74-83 YEARS: 1974 MONTH: 10  
HOURS: 261

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/ 61			.4	.4														4	4																		
7/ 65			1.2	3.8	2.3	1.5	.4											12	12																		
7/ 57			1.0	5.0	2.4	1.5												41	41			14															
7/ 55		.4	5.7	3.2	7.3	.9												31	31			14															
7/ 54			5.7	5.5	2.7	1.1												36	36			12															
7/ 51			2.3	.9	3.1	.4												41	41			14															
7/ 49		.4	2.3	1.2	1.2	.6	.4											13	13			17															
7/ 47			.4	.4	.4													1	1			4															
7/ 47				.4	.4													1	1			17															
7/ 43				.4														1	1			27															
7/ 41																						29															
7/ 37																																					
7/ 35																																					
7/ 33																																					
7/ 31																																					
7/ 29																																					
10/ 11	1.	21.	7.35.	6.26.	4.4.	2.3.												271	271			261															

REVISIONS TO THIS FORM ARE OBLIQUATE

Temp (F)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	
7/ 61	1.1	4.5	19675	75.401	19							4
7/ 65	177375	19221	54.5	3.114	261							14
7/ 57	5412	13175	50.5	3.107	261							14
7/ 55	72447	12107	46.5	5.791	261							14

2

FEDERAL BUREAU OF SURVEY  
 NATIONAL CLIMATOLOGY BRANCH  
 WASHINGTON, D. C.  
 METEOROLOGICAL SERVICE/PAF

PSYCHROMETRIC SUMMARY

STATION: 14420 MILITARY STATION NAME: 24-01 YEARS: 1950 MONTH: 11  
 PAUSE 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														
60/50			.4															1	1																
61/51				.4														1	1	1															
62/52		1.8	2.0	.4														15	15		1														
63/53		2.2	2.7	2.4	.4													16	20	15	4														
64/54	.4	2.2	4.5	3.2	.4													20	20	14	4														
65/55	.4	5.3	2.7	2.4														24	25	17	4														
66/56		.9	3.9	4.1														4	34	21	11														
67/57		6.9	9.3	4.1														47	47	33															
68/58		7.3	4.0	1.0	.7													1	1	4	4														
69/59		1.0	2.4	1.2	.4													14	14	23	4														
70/60			.4															1	1	14	4														
71/61		.4																1	1	4	4														
72/62																				17															
73/63																				4															
74/64																				4															
75/65																				4															
76/66																				4															
77/67																				4															
78/68																				4															
79/69																				4															
80/70																				4															
TOTAL		11.2	43.7	10.0	3.0													247	247	247	247														

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	
Rel. Hum.	152.44	122.41	73.1	26.3	247							247
Dry Bulb	63.72	122.41	52.3	3.53	247							247
Wet Bulb	54.33	110.25	43.2	3.29	247							247
Dew Point	51.63	110.25	45.4	5.249	247							247

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

FEDERAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAO

PSYCHROMETRIC SUMMARY

19453 SELA ITALY 74-87 15M  
STATION MONTH  
HOURS (U.S.T.) ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
57																		1	1																
65			.1	.1	.1	.1	.1											1	1																
63			.1	.1	.4	.1	.1											13	14	1	1														
61			.4	.5	.7	.4	.1	.1										34	34	4															
59	.1	1.7	3.	2.3	1.2	.7	.2											13	14	11	4														
57		2.4	3.5	7.2	1.4	.5	.2											232	232	54	1														
55		3.5	5.1	4.5	1.7	.7	.2											211	252	129	57														
53		3.7	5.6	3.4	1.	.4	.1											37	73	17	17														
51	.3	4.6	7.3	2.5	.7	.1												31	71	30	136														
49	.3	3.9	5.7	1.7	.7	.1												246	249	37	221														
47	.3	3.2	4.1	.7	.2													175	166	47	277														
45	.2	2.5	2.4	.7	.1													123	124	23	754														
43		.9	1.2	.2														4	45	13	713														
41		.4	.3															17	17	6	777														
39		.1																	2	31	134														
37																				7	67														
35																					25														
33																					25														
31																					18														
29																					14														
27																					7														
TOTAL	1.527	4.41	0.10	8.7	7.7	2.3												1981	1997	131	1281														

USAFETAC FORM 0-26-5 (O.L.A.) REVISION EDITIONS OF THIS FORM ARE OBSOLETE JUL 54

Element (X)	$\sum X^2$	$\sum X$	$\bar{X}$	$\sigma^2$	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1175283	153871	76.2	11.653	1981							
Dry Bulb	5615651	15431	52.7	4.425	1992			.7				672
Wet Bulb	411686	7778	49.3	4.191	1981							672
Dew Point	4131250	99808	45.3	5.499	1981		10.9					572

GENERAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER STATION

# PSYCHROMETRIC SUMMARY

145441 QLLA ITALY STATION NAME 74-63 YEARS MONTH

PAGE 1 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					
65			.4																									1	1								
63																													7	7	1						
62		.4	1.2	2.7	.4																							14	14	3	1						
61			.4	1.5	3.8	1.2	.4																					20	35	10	2						
60			.4	1.4	4.6	1.2	.4																					22	32	20	11						
59		.4	1.2	2.4	4.2	.4	.4																					20	70	41	34						
58			.4	1.5	3.5	1.2	.4																					40	40	42	34						
57			.4	1.7	2.7	.8	.4	.4																				44	44	45	37						
56				1.3																								6	6	51	38						
55				.4	.4	.4																						2	1	12	45						
54					.4																							1	1	11	29						
53																														2	2	2					
52																														2	2	3					
51																															1	1	1				
50																															1	1	1				
49																															1	1	1				
48																															1	1	1				
TOTAL		.336	.345	.617	.0	3.5	1.9																					259	259	259	259	259					

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

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_s$	No. Obs.	Mean No. of Hours with Temperature						Total
						= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	
Rel. Hum.	1617869	2727	80.0	0.29	259							259
Dry Bulb	152645	13927	53.8	3.817	259							259
Wet Bulb	165273	13923	50.6	3.884	259							259
Dew Point	523791	12123	47.6	5.82	259		2.2					259



2

GLOBAL CLIMATOLOGY BRANCH  
 WFF/ETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14830 Sella Italy 74-87  
 STATION STATION NAME YEARS MONTH  
 PAGE 1 1500-0500  
 HOURS (L, P, 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 03																		2	2																
47 59		1.1	2.6	1.5	.4	.4												16	16																
47 57		7.7	2.6	1.1		.4												21	21																
47 55		7.7	4.4	1.8														25	25	16	7														
47 52		6.3	4.2	3.7														40	40	23	11														
47 51	.7	9.2	10.7	1.8	.7													63	63	38	-1														
47 47	.7	6.9	7.7	.4														47	47	37	19														
47 47		7.7	7.3	.7														30	30	26	43														
47 45		6.5	7.6		.4													23	23	19	32														
47 43		.7	.7	.4														5	5	16	41														
47 41		.7	.7	.4														5	5	6	39														
47 36																				2	6														
47 37																				1	6														
47 35																					1	6													
47 33																						1	6												
47 31																							1	6											
47 27																								1	6										
TOTAL	1.5	43.7	40.6	12.7	2.2	.7	.4											271	271	271	271														

Element (X)	Σx'	Σx	$\bar{x}$	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	1797533	21711	87.9	9.918	271	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	727988	14202	51.7	4.099	271							93
Wet Bulb	547137	13199	48.7	3.922	271							93
Dew Point	575973	12421	45.8	4.270	271		1.7					93

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

2

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/AAC

# PSYCHROMETRIC SUMMARY

14 20 1954 MILA ITALY STATION NAME 74-27 YEARS MONTH

PAGE 1 00000000  
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 53																																1	1				
47 59		.4	.2	.2	1.3					.7																						14	14				
47 57		2.2	5.7	2.5						.7																						29	29	1	1		
47 55		3.5	4.		.4																											22	22	16	3		
47 52		5.0	2.9	1.1						.4	.4																					27	27	16	3		
47 51		5.5		.6	1.1					.7																						43	43	31	6		
47 47		.4	7.2	1.4	1.1																											53	53	25	12		
47 47	1.1	9.6	5.4	1.4																												46	46	21	34		
47 45		7.2	1.4	.4																												20	24	10	60		
47 43		3.2	.7	.4	.4																											13	13	24	45		
47 41		.4	1.4																													3		11	36		
47 39																																			2	17	
47 37																																			0	0	
47 35																																			1	1	
47 33																																			4	4	
47 31																																			0	0	
47 29																																			0	0	
47 27																																			1	1	
Tot	1.4	42.4	2.1	1.1	1.4	1.4	1.4	.4																										276	276	174	74

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma^2$	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	16419.53	22459	80.2	9.996	276							
Dry Bulb	7319.3	14238	51.2	4.326	279							23
Wet Bulb	6471.5	13367	48.2	4.401	273							23
Dew Point	5741.5	12555	45.5	4.81	270							23

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

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FEDERAL BUREAU OF INVESTIGATION  
U.S. DEPARTMENT OF JUSTICE  
WASHINGTON, D. C. 20535

# PSYCHROMETRIC SUMMARY

STATION: WFLA ITALY STATION NAME: YEARS: MONTH: PAGE: 1 OF 1  
 PERIOD: 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														
67																		2	7																
65				.3	.3	.3												3	3																
63			1.7	2.7	.7													13	17																
61			1.7	2.1	.3													17	17	1															
59		2.1	7.6	7.6	2.4	.7												59	59		1														
57		1.7	5.9	5.2	1.4	.7												45	45	25	5														
55		1.4	6.9	6.9	1.4	.3												49	49	19	11														
53		2.1	7.9	4.5	.7	.3												46	46	38	25														
51	.3	1.4	7.2	2.1	1.7													25	35	52	37														
49		2.4	3.9	1.0	.7													22	27	56	40														
47		.7																2	3	49	34														
45																				19	51														
43																					37														
41																					25														
39																					11														
37																				1	4														
35																					4														
33																					1														
31																					1														
29																					1														
27																					1														
25																					1														
21																					1														
TOTAL	.3	11.7	2.1	3.1	9.7	2.9	1.7												291	42	297														

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$S_x$	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.						$\leq 0$ F	$\leq 32$ F	$\geq 67$ F	$\geq 73$ F	$\geq 80$ F	$\geq 93$ F	
Dry Bulb	7115	18218	56.7	3.756	29			6				43
Wet Bulb	769598	14898	51.4	3.736	29							93
Dew Point	6541.7	13630	47.2	5.241	29		1					93

USAFETAC FORM 104-84 0 26 5 (01 A) REVISED FEBRUARY EDITION OF THIS FORM AND OBSOLETE

FEDERAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

145211 JELA ITALY STATION NAME 74-87 YEARS MONTH 743  
 1950-1950 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. Wet Bulb	Dry Bulb Dew Point																		
77 71																																		1	1		
77 69																																		2	2		
77 67								1.0	1.0																									6	6		
77 65																																			11	11	
77 63																																			2	2	
77 61																																			32	32	
77 59																																			1	1	
77 57																																			46	46	
77 55																																			1	24	
77 53																																			1	4	
77 51																																			4	71	
77 49																																			4	41	
77 47																																			12	21	
77 45																																			1	4	
77 43																																				1	2
77 41																																				1	4
77 39																																				1	7
77 37																																				1	1
77 35																																				1	1
77 33																																				1	1
77 31																																				1	1
77 29																																				1	1
77 27																																				1	1
77 25																																				1	1
77 23																																				1	1
77 21																																				1	1
77 19																																				1	1
77 17																																				1	1
77 15																																				1	1
77 13																																				1	1
77 11																																				1	1
77 9																																				1	1
77 7																																				1	1
77 5																																				1	1
77 3																																				1	1
77 1																																				1	1
77 0																																				1	1
TOTAL																																				289	289

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	
Rel. Hum.	1478665	23321	77.5	11.168	289							289
Dry Bulb	227942	13948	58.6	3.758	289							289
Wet Bulb	27752	13420	53.4	3.89	289							289
Dew Point	624895	14355	43.0	6.79	289							289

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0

CENTRAL CLIMATOLOGY BANGOR  
AFETAC  
AIR WEATHER SERVICE/AVAC

PSYCHROMETRIC SUMMARY

14537 CLELL ITALY 74-93 STATION NAME YEARS MONTH

PERIOD 10-0-1700 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																
71										.4								4	4																		
69							.7		.4									4	4																		
67				.4			1.1		.4									4	4																		
65				.7			.7											4	4																		
63		.4	2.5	4.7	.4													27	24			1															
61		1.1	4.2	2.7	3.1	1.1	.7		.4									34	34			5															
59		3.9	12.7	5.7	2.1	1.4	.7	.4										4	74			6															
57		3.5	6.4	7.1	1.4	.7	.7	.4										57	57			46															
55		1.3	4.9	8.1	1.3	.7			.4									57	57			51															
53		.4	2.3	2.8	.4													16	16			7															
51	.4	1.1	.7						.4									7	7			46															
49		.4	1.1															4	4			45															
47		.4																1	1			16															
45		.4																1	1			16															
43																																					
41																						1															
39																																					
37																																					
35																																					
33																																					
31																																					
29																																					
27																																					
25																																					
23																																					
21																																					
19																																					
TOTAL		.4	1.3	4.6	3.2	2.2	2.2	5.7	3.2	1.1	1.1							243	243			243															

USAFETAC FORM 10-64 0-26.5 (OLA)

Element (X)	Σx'	Σx	X	σx	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F		≤ 93 F
Rel. Hum.	13199.5	2032.5	71.8	13.345	283							
Dry Bulb	71798	16578	58.4	3.892	284			7.3				53
Wet Bulb	18175	13225	53.4	3.890	283							53
Dew Point	686246	13225	48.2	6.747	283		3.0					93

GENERAL CLIMATOLOGY BRANCH  
 WAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

144510 STATION RELIANTALY STATION NAME 74-68 YEARS 43 MONTH

FALL 1 1953-54  
 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														
77/69					.7													0	2																
82/65					.7													0	2																
87/63			1.0	1.4	.7	.3												1	1																
92/61		1.0	2.2	2.4	1.0													2	2		3														
97/59		11.4	9.3	5.2	1.7	.7												79	79	10	12														
102/57		16.5	7.2	3.5	1.0	.7												59	59	11	21														
107/55		4.1	3.9	5.9	1.7	1.7												56	56	19	36														
112/52		5.1	4.1	2.8	1.4	1.0												36	36	19	27														
117/51		1.0	3.4	1.4														18	19	46	41														
122/49		.3	.3															4	4	36	24														
127/47			.3															1	1	35	29														
132/45																				16	33														
137/43																					16														
142/41																					13														
147/39																					9														
152/37																					4														
157/35																					4														
162/33																					1														
167/31																					1														
172/29																					1														
177/27																					1														
182/25																					1														
187/23																					1														
192/21																					1														
Totals		21.6	34.5	24.5	8.6	3.4	2.1	.3										191	191	281	281														

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

Element (X)	$\Sigma X'$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	1635199	21719	75.212	897	290	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	252122	16616	57.1	3.416	291			6				93
Wet Bulb	15172	15332	52.4	74	291							23
Dew Point	737420	14206	47.0	6.333	291	1						3



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NATIONAL CLIMATOLOGY RESEARCH  
 USAFETAC  
 AIR WEATHER SERVICE/AFAC

### PSYCHROMETRIC SUMMARY

14370 ROME ITALY 74-31 STATION NAME YEARS MONTH  
STATION MONTH 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. Dry Bulb	W.B. Wet Bulb	Dew Point					
74																																			
75							.1	.1																				10	17						
76							.1	.1	.1																			20	25						
77				.1	.1	.1	.2	.2	.2																			25	28						
78			.1	.1	.1	.1	.2	.2	.2	.1																		28	32						
79	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2																		25	28	16					
80	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.1																	20	25	15					
81	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.1																	18	22	10					
82	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.1																	15	20	10					
83	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.1																	12	18	10					
84	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.1																	10	15	10					
85	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.1																	8	12	10					
86	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.1																	5	8	10					
87	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.1																	3	5	10					
88	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.1																	2	3	10					
89	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.1																	1	2	10					
90	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.1																	1	2	10					
91	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.1																	1	2	10					
92	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.1																	1	2	10					
93	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.1																	1	2	10					
94	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.1																	1	2	10					
95	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.1																	1	2	10					
96	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.1																	1	2	10					
97	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.1																	1	2	10					
98	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.1																	1	2	10					
99	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.1																	1	2	10					
100	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.1																	1	2	10					
101	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.1																	1	2	10					
102	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.1																	1	2	10					
103	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.1																	1	2	10					
104	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.1																	1	2	10					
105	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.1																	1	2	10					
106	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.1																	1	2	10					
107	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.1																	1	2	10					
108	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.1																	1	2	10					
109	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.1																	1	2	10					
110	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.1																	1	2	10					
111	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.1																	1	2	10					

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	
Rel. Hum.	13342482	171475	76.2	12.13	2250							
Dry Bulb	401420	124342	55.2	4.296	2250			2	6			244
Wet Bulb	294720	115102	51.2	4.251	2250							244
Dew Point	5154374	136000	47.5	5.792	2250		15	2				244

USAFETAC FORM 0265 (C. A.) REVISIONS EDITIONS OF THIS FORM ARE INDICATED BY DATE







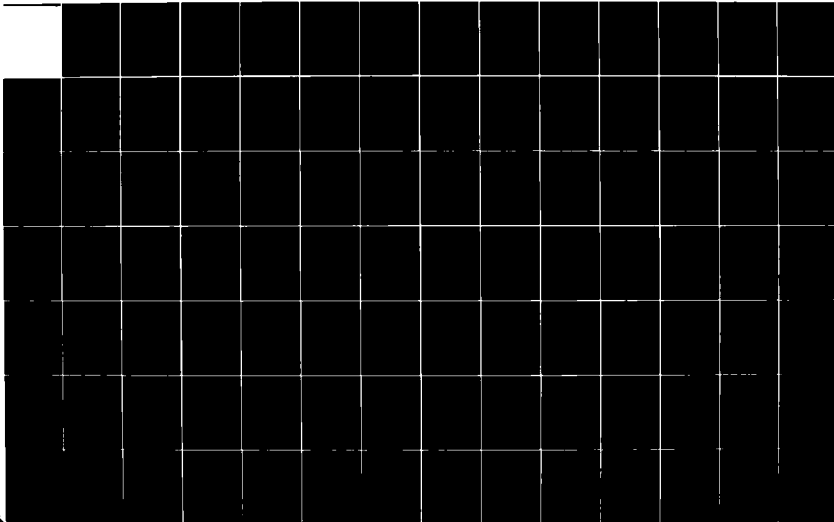
16-119 378

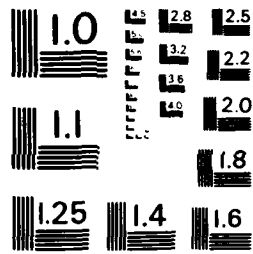
GELA ITALY REVISED UNIFORM SUMMARY OF SURFACE WEATHER  
OBSERVATIONS (RUSSW. (U) AIR FORCE ENVIRONMENTAL  
TECHNICAL APPLICATIONS CENTER SCOTT A. 03 NOV 83  
USAFETAC/DS-83/048 SBI-AD-E850 501 F/G 4/2

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MICROCOPY RESOLUTION TEST CHART  
NATIONAL BUREAU OF STANDARDS - 963 - A

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

174031 SELA ITALY

74-83

APP

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0600-0800

HOURS (L. S. T.)

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	
60/ 53			.4	.4	.4	.4												4	4			
62/ 61			.7	1.4	1.1													11	11			
67/ 59			1.4	5.4	2.5	1.1	.4											30	30	3	1	
67/ 57			2.5	4.0	2.9	1.1												29	29	10	3	
57/ 55	.4	5.3	5.8	2.2														39	39	7	3	
64/ 53		7.2	7.6	1.3														46	46	7	27	
67/ 51	.4	6.1	7.9	1.1														43	43	4	27	
57/ 49	1.1	3.6	6.1	1.4														34	34	5	43	
45/ 47		4.7	3.6															23	23	3	47	
46/ 45	.4	4.0	1.1	.4														16	16	7	46	
64/ 43			.4															1	1	6	35	
62/ 41		.4																1	1	3	28	
40/ 39																					3	7
57/ 37																						3
66/ 35																						1
62/ 31																						1
TOTAL	2.2	36.5	43.7	13.7	2.5	1.4													277	277		277

Element (X)	Σ X'	Σ X	X	Σ X <sup>2</sup>	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	1813331	22259	80.4	9.452	277	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	797751	14819	53.5	4.240	277							90
Wet Bulb	706194	13946	50.3	3.836	277							90
Dew Point	629652	13148	47.5	4.494	277		3					90

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

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/PAC

**PSYCHROMETRIC SUMMARY**

14530 GELA ITALY 74-83 APR MONTH

PAGE 1 CY88-1110  
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
74/ 73																		1	1		
72/ 71																		1	1		
71/ 69					.4													1	1		
69/ 67											.7							2	2		
66/ 65		.4		.4	1.5	.4	1.1											10	12		
64/ 63		1.1	2.2	5.9	2.9	2.9												41	41		
62/ 61		.4	2.9	4.8	2.6	1.5												33	34	5	2
60/ 59		2.9	12.5	7.3	4.8	1.1	.7											66	61	12	5
58/ 57		.7	6.2	7.0	2.2	.4												45	45	4	6
56/ 55		2.2	4.8	5.9	1.5	.4												40	40	62	25
54/ 53		.7	1.5	1.8	.7													13	13	45	40
52/ 51		1.1	.4															4	4	50	43
50/ 49		.4																1	1	34	38
48/ 47	.4																	1	1	10	40
46/ 45																				3	39
44/ 43																					19
42/ 41																					12
40/ 39																					5
38/ 35																					1
36/ 33																					3
TOTAL	.4	9.9	30.4	33.0	16.5	6.6	3.3											273	275		273

Element (X)	$\Sigma X^2$	$\Sigma X$	$\Sigma$	$\Sigma^2$	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.						= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	
Rel. Hum.	1405658	19336	71.8	1.525	273							
Dry Bulb	965764	16266	59.1	3.657	275			1.6	.3			90
Wet Bulb	7956.5	14709	53.9	3.279	273							90
Dew Point	671697	13479	49.6	4.770	273							90

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

GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

164530 GELA ITALY 74-83 APR  
 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
77/ 77								.4									1	1		
75/ 69						1.0		.4									6	6		
67/ 67			.7	.4	1.0	1.1		.4									12	12		
66/ 65			.4	1.5	1.5	1.5	1.1										16	16		
64/ 63		2.2	2.6	7.1	2.2	1.1	1.1	.4	.4								40	46	4	3
62/ 61		.7	2.3	3.7	.7			.4									40	41	15	
57/ 59		5.0	4.5	5.9	2.2	1.1	.7										22	27	24	9
57/ 57		1.5	4.1	7.4	1.5	1.1											42	42	70	13
57/ 55		.7	1.5	2.2	1.1												15	15	61	42
54/ 53		1.1	.7	.7													7	7	33	48
52/ 51		.4															1	1	33	43
51/ 49	.4																1	1	20	29
49/ 47																			0	27
46/ 45																				19
44/ 43																				14
42/ 41																				7
40/ 39																				3
37/ 37																				5
36/ 35																				1
34/ 33																				1
30/ 29																				2
TOTAL	.4	12.6	33.8	29.0	11.2	7.8	3.0	1.5	.7									269	270	269
Element (X)	Z <sub>1</sub>	Z <sub>2</sub>	Y	Q <sub>1</sub>	No. Obs.	Mean No. of Hours with Temperature					Total									
Rel. Hum.	1424769	19291	71.7	12.453	269	≤ 6 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90								
Dry Bulb	995156	16360	60.6	3.789	270			6.3	.3			90								
Wet Bulb	828172	14896	55.4	3.509	269							90								
Dew Point	707559	13723	51.0	5.284	269		.7					90								

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

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GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

14530 BELLA ITALY STATION NAME 74-83 YEARS APR 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 / 77								.4										1	1								
74 / 73																		2	2								
72 / 71							.4	.4										2	2								
70 / 69				.4		.8												3	3								
67 / 67					.0	1.1	.1											7	7								
66 / 65		.8	1.9	1.5	2.3	1.1	.4	.4										22	22	1							
64 / 63		1.9	5.7	5.7	2.3		.4											42	42	4	4						
62 / 61	.4	3.3	11.0	4.2	.4	.8	.4											55	55	21	2						
57 / 59		2.7	11.4	6.1	2.3	.8	.9											63	64	13	14						
50 / 57		2.7	6.8	8.3	.8	.8												51	51	64	24						
50 / 55		1.1	1.0	1.5														12	12	53	36						
44 / 53			.8	.8														4	4	37	49						
37 / 51																				37	38						
37 / 49																				12	31						
40 / 47																				3	23						
40 / 45																					18						
44 / 43																					6						
40 / 41																					4						
40 / 39																					0						
30 / 37																					2						
30 / 31																					1						
1181	.4	12.9	39.4	28.4	8.7	5.3	3.0	1.5	.4										264	264	264						
																		264		264							

Element (X)	$\Sigma x'$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	1448402	19300	73.1	1.934	264	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	983717	16115	60.8	3.765	265			1	1			92
Wet Bulb	827258	14750	55.9	3.465	264							92
Dew Point	715384	13680	51.8	3.976	264		3					92

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



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1645 20 GELA ITALY  
STATION

74-83  
YEARS

APR  
MONTH

PAGE 1 1010-2000  
HOURS (L. S. T.)

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
74/ 73						.4	.4	.8		.4								1	1		
71/ 69						.4	.4	.8		.4								4	4		
69/ 67			.4			.4	.4	.8		.4								7	7		
66/ 65		.4	1.1	1.1		.4												8	8		
64/ 63		.4	4.2	5.3	.4	.4												31	31	2	
62/ 61		3.4	7.2	5.7	1.5				.4									50	50	15	
59/ 59		7.9	14.7	6.8	3.0	.4	.4											88	91	23	
57/ 57		2.6	4.5	6.4	2.3		.4											43	44	54	
55/ 55		2.6	1.1	2.6	.8													19	19	60	
53/ 53	.4	1.1	1.1	1.5														11	11	41	
51/ 51		.4	.4	.4														3	3	32	
49/ 49																				19	
47/ 47																				5	
45/ 45																				2	
44/ 43																				7	
42/ 41																				10	
40/ 39																				1	
38/ 37																				1	
34/ 33																				1	
32/ 31																				1	
28/ 27																				1	
TOTAL		.419	235.5	29.8	9.4	1.9	2.6	.4	.8											265	
																					265
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	1527693	19975	75.0	11.849	265	≤ 6 F	≤ 22 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F										
Dry Bulb	961111	16021	59.8	3.504	265			4.0	.3												
Wet Bulb	913983	14657	55.3	3.488	265																
Dew Point	711275	13661	51.6	5.163	265		.7														

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

GENERAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

194539 GELA ITALY 74-83 APR MONTH

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

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																
7 / 69				.4																												1	1			
6 / 65			.4		.4																											3	3			
4 / 63		.8	1.5	3.4	1.1	.4																										10	20	1		
6 / 61		.8	3.4	2.3	.4																											19	15	3		
7 / 59		6.1	11.0	6.7	.8																											65	65	10		
5 / 57		4.2	11.3	3.8	.8																											50	51	37		
5 / 55		3.4	10.3	4.6	.4	.4																										50	50	40		
4 / 52	.4	3.0	4.6	3.0	1.1																												33	33	57	
2 / 51		1.5	2.3	1.1																													17	13	46	
5 / 42		.8	1.5	.4	.4																												5	8	12	
1 / 47			.4																														1	1	14	
4 / 45																																				10
4 / 43																																			2	
2 / 41																																			1	
4 / 39																																				5
3 / 37																																				2
3 / 35																																				3
2 / 31																																				1
30 / 29																																				1
TOTAL		.4	20.5	45.6	25.0	5.3	.8	.8	.8																									253	264	263
Element (X)	Z <sub>1</sub>	Z <sub>2</sub>	X	σ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total																									
Rel. Hum.	1576553	20195	76.8	9.931	263	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F																									
Dry Bulb	868314	15112	57.2	3.524	264				.3																											90
Wet Bulb	749861	14011	53.3	3.625	263																															90
Dew Point	659886	13110	49.8	4.935	263																															90

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/PAC

**PSYCHROMETRIC SUMMARY**

144530 GELA ITALY 74-83 AD  
 STATION MONTH  
 STATION NAME YEARS  
 PAGE 1 ALL  
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.S./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																	
77/77									.1																								2	2			
74/73								.1	.1																								4	4			
72/71								.1	.1																								3	3			
71/69					.1	.1	.4	.1	.1																								15	15			
68/67			.1	.0	.4	.3	.3	.1																									28	28			
67/65		.2	.5	.6	.8	.4	.3	.1																									61	61	3		
64/63		.9	2.2	3.6	1.4	.7	.7	.1	.0																								197	197	11	9	
62/61	.0	1.5	5.1	3.1	.9	.4	.1	.	.0																								236	238	52	6	
59/59		3.7	10.1	5.2	1.9	.6	.3	.	.																								400	404	116	47	
57/57		2.6	6.5	5.7	1.3	.3	.	.	.																								348	350	314	98	
57/55	.1	3.1	4.7	3.3	.7	.1	.	.	.																								252	253	375	197	
54/53	.1	4.2	3.0	1.9	.	.	.	.	.																								226	226	349	320	
52/51	.1	2.3	2.7	.6	.	.	.	.	.																								171	121	375	297	
50/49	.2	1.3	2.1	.5	.0	.	.	.	.																								87	67	249	315	
47/47	.	1.1	.	.	.	.	.	.	.																								45	45	138	272	
47/45	.0	.7	.2	.1	.	.	.	.	.																								23	23	43	246	
44/43			.7	.	.	.	.	.	.																								1	1	15	124	
42/41	.1																																2	2	5	59	
42/39																																			7	39	
36/37																																				18	
37/35																																				7	
34/33																																				6	
32/31																																				6	
30/29																																				3	
27/27																																				2	
TOTAL		.721	.739	.124	.9	8.1	3.2	1.6	.5	.2																								2111	2119	2111	

Element (X)	$\Sigma X'$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	12370696	159808	75.7	1.371	2111	< 50 F	50-59 F	60-69 F	70-79 F	80-89 F	90-99 F	
Dry Bulb	7095073	122222	57.7	4.631	2119			17.7	2.0			720
Wet Bulb	6059644	112772	53.4	4.087	2111							720
Dew Point	5285561	105081	49.8	5.099	2111			3.8				720

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**

164537 GELA ITALY 74-93 DAY MONTH  
STATION STATION NAME YEARS

PAGE 1 5036-3200  
HOURS (L. S. T.)

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																
74/ 73																																1	1			
72/ 71		.4				.8		.4	1.2																							7	7			
70/ 69			1.2			.8		.9	.4																							8	8	1	1	
67/ 67			.4	.4	2.0	2.0		.4	.4																							24	24			
65/ 65			3.2	3.6	2.4	2.4		.8	.4																							32	32	3	1	
63/ 63			.8	.8	7.3	4.4	2.4		.4																							45	45	1	4	
61/ 61	.4	6.5	4.8	4.8	9.5	2.0		.4																								56	57	30	22	
59/ 59		.4	.4	.4	4.0	1.2																										34	34	50	19	
57/ 57			2.4	3.2	3.2	.8	.8																									26	26	47	41	
55/ 55			.8	.8	.4																											5	5	44	33	
53/ 53			1.2	1.2																												5	6	22	45	
51/ 51				.4																												1	1	12	34	
49/ 49																																			2	26
47/ 47																																		1	11	
45/ 45																																				
43/ 43																																				
41/ 41																																				
39/ 39																																				
37/ 35																																				
TOTAL		.423	.331	.025	.012	.5	4.0	3.2																									245	240	242	

Element (X)	Σx'	Σx	Y	Σ <sub>n</sub>	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	146458	18892	76.7	1.566	248							
Dry Bulb	975844	15560	62.5	3.757	249			14.9	.4			93
Wet Bulb	37936	14388	58.0	3.599	248			.4				43
Dew Point	744182	13532	54.6	4.852	248			.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

144530 GELA ITALY 74-83 MAY  
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														
76 / 75								.4										1	1																
74 / 73								.1										1	1																
72 / 71					.4		.1											2	2																
70 / 69					.7	.7												4	4																
68 / 67				1.5		.7												6	6																
66 / 65				.7	1.5	1.1												9	9																
64 / 63		3.7	5.9	5.5	4.0	1.1												55	55	0	1														
62 / 61		4.4	6.6	2.2	1.4	.4												42	42	26	3														
60 / 59		0.3	12.5	5.1	2.2													71	71	37	23														
58 / 57	.4	4.3	4.4	2.2	.4													35	35	56	29														
56 / 55		1.8	3.7	3.3	.7													26	26	67	37														
54 / 53		2.6	3.3	.4														17	17	78	48														
52 / 51			.4															1	1	31	35														
50 / 49			.7															2	2	17	40														
48 / 47																					22														
46 / 45																				1	25														
44 / 43																					5														
42 / 41																					5														
40 / 39																					1														
TOTAL		23	53	7	52	11	0	4	.7									272	272	272															
																					272														

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma^2$	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	1613329	20775	76.4	10.792	272			4.8	.7			93
Wet Bulb	286957	16347	60.1	4.081	272							93
Dew Point	851861	15191	55.8	3.570	272							93
	752852	14260	52.4	4.402	272							93

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

1  
2  
1

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

144530 GELA ITALY 74-83 MAY  
STATION STATION NAME YEARS MONTH  
PAGE 1 1500-0800  
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
76/ 75							1.1											3	3		
75/ 71																		1	1		
70/ 69					.4	.4												2	2		
68/ 67				.7	2.8	.7												12	12		
66/ 65			1.3	2.5	1.8	.7												20	21		
64/ 63		1.4	4.2	3.5	3.5	.7												12	57	3	
62/ 61	.4	3.2	6.3	4.9	1.8	.7												49	49	27	3
61/ 59	.4	3.5	7.9	4.6	1.8													50	61	39	21
61/ 57		2.5	6.7	2.8														34	34	57	27
54/ 55		3.9	3.5	2.8	.4													30	30	61	30
54/ 53		2.5	1.1	.4														11	11	4	56
52/ 51	.4	1.1	1.4															6	8	33	61
51/ 49			.7															2	2	13	29
47/ 47																				6	26
47/ 45																				1	18
44/ 43																					3
42/ 41																					1
40/ 39																					1
37/ 37																					1
TOTAL	1.1	16.0	36.6	27.1	2.3	3.2	.4	1.4										278	286	288	284
Element (X)	Σx'	Σx	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	1644328	21382	75.3	1.042	284	≤ 0 F	≤ 32 F	≤ 67 F	≤ 75 F	≤ 80 F	≤ 93 F	Total									
Dry Bulb	1046431	1705	67.3	4.353	286			5.9	1.0			93									
Wet Bulb	888427	15853	55.3	3.520	284							93									
Dew Point	779239	14827	52.2	4.268	284							93									

USAFETAC FORM NO. 0-26-5 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

194833 SELA ITALY 74-83 DAY  
STATION MONTH  
PAGE 1 0700-1100  
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																
77/91																		1		1																	
77/79																		1		1																	
77/77																		1		1																	
75/75																		5		5																	
74/73																		5		5																	
71/71																		11		11																	
69/69																		13		13																	
67/67																		12		12																	
65/65																		59		59	11																
63/63																		33		33	35	7															
61/61																		37		39	73	21															
59/59																		10		30	72	63															
57/57																		4		1	56	57															
55/55																		3		2	35	54															
53/53																					7	36															
51/51																					1	16															
49/49																						22															
47/47																						17															
45/45																						5															
41/41																						1															
35/35																						1															
TOTAL																						290															

Element (X)	$\Sigma R^2$	$\Sigma R$	$\Sigma$	$\sigma_s$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	1567448	2100	72.4	12.720	290	± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total
Dry Bulb	1243212	17716	65.1	4.73	290			25.2	5.4			93
Wet Bulb	1035679	17311	59.7	2.953	290							93
Dew Point	902070	16128	55.6	4.213	290							93

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

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/PAC

# PSYCHROMETRIC SUMMARY

14733 SELLA ITALY STATION NAME 74-03 YEARS MONTH 1974-1974  
STATION MONTH 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				
80																												1	1						
77									.3							.7												3	2						
75								.4	1.4						.4													6	6						
73					.7	1.1		.4						.4													7	7							
71			1.4	1.1	1.8	1.1		.4																			18	15							
69			2.2	1.4	1.4	1.4		.4					.4		.4												21	21		1					
67		.7	1.0	1.3	2.5		.4						.4														49	49	9	1					
65		1.1	1.5	3.0	1.4		.7																				59	59	5	7					
63		2.1	1.9	4.6		.7	.4																				40	41	5	27					
61		1.8	2.9	1.4																							18	18	70	50					
59		2.5	2.9	.4																							18	18	48	72					
57			.4																								1	1	21	41					
55		.4																									1	1	10	34					
53																															23				
51																															2				
49																															2				
47																															2				
45																															2				
43																															2				
41																															2				
37																															1				
TOTAL		1.5	4.3	2.2	1.2	0.4	0.1	.7	1.1	.4	1.1		.4															272	272	272					

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Num.	1639261	21991	75.0	1.103	272							
Dry Bulb	122194	19432	66.1	3.005	272			34.3	5.7	.3		93
Wet Bulb	1047153	17041	61.3	3.243	272			3.3				23
Dew Point	937851	16103	57.9	4.288	276							93

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



AL CLIMATOLOGY BRANCH  
 ETAC  
 WEATHER SERVICE/PMAC

# PSYCHROMETRIC SUMMARY

3 BELLA ITALY 74-83 MAY 1579-1700  
STATION NAME YEARS MONTH HOURS (L. S. T.)

WET BULB TEMPERATURE DEPRESSION (F)	TOTAL		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				
70	1	1		
71	1	1		
72	1	1		
73	2	2		
74	3	3		
75	7	7		
76	17	17		
77	29	29	1	
78	42	42	13	1
79	61	61	35	6
80	73	73	69	38
81	80	80	72	47
82	14	14	42	79
83	2	2	24	46
84			16	25
85			7	23
86			1	12
87				3
88				1
89				1
90				1
91				1
92				1
93	16.8	44.8	22.2	21.0
94	2.2	2.2	.7	.4
95	.4	.4	.4	.4
96				
97				
98				
99				
100				
101				
102				
103				
104				
105				
106				
107				
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300				

no (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma^2$	No. Obs.	Mean No. of Hours with Temperature						
um.	1677742	21430	76.8	17.670	279	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
alb	1227459	18477	66.2	8.989	279			36.3	5.	.7		93
alb	153672	17206	61.7	3.743	279			4.7				93
amt	958834	16316	58.5	4.107	279			.3				93



GLOBAL CLIMATOLOGY BRANCH  
 AFETAC  
 WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

14530 SELA ITALY STATION NAME 74-83 YEARS MAY MONTH  
 PAGE 1 2100-2300 HOURS (L. S. T.)

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																
75											.7	.4																				3	3			
73											.4	.4																				2	2			
71			.4					.4	.7	.7																						6	6			
69			1.1	1.3	.7	1.4																										14	14	1		
67			2.2	.7	2.2	1.1	.4	.7																								20	20	2		
65		.4	6.5	3.6	2.5	.4	.7																									53	53	3		
63	.7	8.7	8.7	8.7	4.7	1.4		.7																								93	93	36		
61		4.0	5.5	3.6	1.1																											42	42	13		
59		4.3	7.6	1.1	.4																											37	37	15		
57		1.1	.7																													5	5	18		
55																																			43	
53		.4																															1	1	11	
51																																			4	
49																																				4
47																																				8
45																																				6
43																																				4
37																																				2
TOTAL		.723	.933	.719	.611	.6	.7	2.9	2.2																									276	276	276

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

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma^2$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	1628885	23917	75.8	12.688	276	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	1132524	17654	64.0	3.468	276			15.2	1.7			93
Wet Bulb	973282	16366	59.3	3.205	276			1.0				93
Dew Point	866251	15405	55.8	4.831	276			.3				93

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFW WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14431 GELA ITALY 74-83 MAY MONTH STATION STATION NAME YEARS

PART 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														
85																			1	1															
83																			1	1															
81																			2	2															
79																			4	4															
77																			9	9															
75																			25	25															
73																			30	31															
71																			78	78															
69																			119	119	5	1													
67																			241	242	30	4													
65																			350	351	119	24													
63																			572	573	292	133													
61																			208	200	401	202													
59																			276	277	410	389													
57																			106	106	382	325													
55																			64	64	273	291													
53																			35	35	140	288													
51																			10	10	24	207													
49																			4	4	35	152													
47																					10	85													
45																					2	65													
43																						22													
41																						14													
39																						5													
37																						6													
35																						2													
TOTAL	.4	1.9	9.3	6.9	22.6	11.9	4.2	1.9	1.3	.4	.3	.2	.1									2215	2222	2215											
																								2215	2215										

Element (X)	$\Sigma X'$	$\Sigma X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	12958147	167361	75.6	11.8	2215							
Dry Bulb	2092840	141779	63.8	4.5	2222			171.4	24.4	1.7		744
Wet Bulb	7775626	130950	59.1	3.9	2215			11.8				744
Dew Point	6907153	123189	55.6	5.2	2215			1.7				744

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

1 4530 UELA ITALY 73-82 JMA  
 STATION STATION NAME YEARS MONTH  
 PAGE 1 7000-0200  
 HOURS (L. S. T.)

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																		
47/83																																	1	1				
57/81														.4																			1	1				
67/79										.2																							2	2				
77/77				.4	.4	.4				.4																							4	4				
87/75				.8	.4	.4	.8					.4																					7	7				
94/73		.4	2.4		1.2	1.2	.4	.4	.4																								13	13	3			
102/71		2.4	7.1	5.5	4.3	1.6	1.6	1.6																										70	60	10	4	
111/69		2.4	7.9	2.8	5.5	2.8	.4	.4																										56	56	11	11	
121/67		2.4	1.2	4.7	6.7	.4	1.2																											64	64	12	18	
136/65	.3	1.6	.8	2.4	.4	.4	.8																											18	19	45	25	
147/63	.8	1.6	2.4	.4	.4																													14	14	56	37	
157/61		.4	.4	1.2	.4	.4																												7	7	37	32	
167/59		.4	.4																															7	2	40	24	
187/57																																				11	23	
197/55																																				0	29	
214/53																																				0	25	
227/51																																				1	0	
257/49																																					11	
277/47																																						
304/43																																						
327/41																																						
TOTAL	1.6	11.0	33.1	17.7	18.9	8.3	5.1	3.1	.4	.4																									254	254	254	

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	1391195	18479	72.8	3.602	254	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	1225864	17654	69.2	3.793	255			75.2	11.6	1.1		90
Wet Bulb	1030498	16148	63.6	3.922	254			19.8	1.1			90
Dew Point	914361	15167	59.7	5.864	254			11.7				90

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

2

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/PAC

PSYCHROMETRIC SUMMARY

10493 STATION GELA ITAL STATION NAME 73-80 YEARS JUN 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														
31					.4				.4									2	3																
32								1.1										3	3																
33				.4	.4				.4									4	4																
34			.4	.4	1.1	1.1												1	1	1															
35		.4	1.1	1.1	2.6	2.6			.4	.4								2	2	2															
36		.4	2.6	3.8	3.8	1.1												4	4	4	3														
37		.4	3.8	3.8	3.8	1.1	1.1											3	3	3	5														
38		.4	3.8	3.8	2.3	.4	.4											3	3	3	7														
39	.4	2.6	2.6	4.9	4.9													5	5	5	8														
40	.4	1.1	1.1	1.1	2.3													1	1	1	7														
41		1.1	2.6	1.1	.4													1	1	1	3														
42				.4														1	1	1	3														
43																					4														
44																					2														
45																					1														
46																					10														
47																					1														
TOTAL	.8	9.1	2.9	4.2	1.2	3.7	10.2	4.9	.4	.8								245	267	265	265														

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Ref. Num.	1394421	18947	71.5	12.332	265							
Dry Bulb	1222410	17981	67.8	4.304	267			46.2	7.4	.7		90
Wet Bulb	996568	16218	61.2	3.925	265			6.8	.3			90
Dew Point	871367	15131	57.1	5.308	265			2.7				90

USAFETAC FORM 0-26-5 (O.L.A.) 1-64 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

174510 CELA ITALY 73-62 JUN 0600-0800  
 STATION STATION NAME YEARS MONTH HOURS (L. S. T.)

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														
81					.4													1	1																
79				.4			.4	.7										4	4																
77					.7	1.1	1.1		.4	.4								10	10																
75		.7			.4	1.1	1.1	.4										10	10																
73				.4	.4	.4	.7	.4										6	6	4															
71			1.6	1.4	1.8	1.4	.7	.4										21	21																
69		.4	4.3	2.9	5.1	2.9	1.8	.4	.4									50	50	3	2														
67			6.5	2.5	6.5	1.4		.4										48	48	16	1														
65		1.8	5.8	4.7	3.6	1.1	.4											42	49	7	7														
63		1.8	4.0	6.5	1.4	1.1	.4											42	42	3	26														
61		.7	3.6	3.3	.7													23	23	51	32														
59	.4	.7	.7	1.4	1.1													12	12	57	45														
57		.4																1	1	34	42														
55																				19	34														
53																				5	34														
51																				3	17														
49																					14														
47																					6														
45																					7														
43																					5														
41																					3														
TOTAL	.4	6.5	26.8	23.6	22.1	10.5	6.5	2.9	.7	.4								276	277	276															

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	1373648	19168	69.4	12.423	275	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	1269027	18789	67.5	4.420	277			48.7	10.1	.3		90
Wet Bulb	1040751	16915	61.3	3.873	276			7.5	1.3			90
Dew Point	898135	15675	56.8	5.359	276			1.6				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

14530 GELA ITALY 73-PT JUNE  
 STATION STATION NAME YEARS MONTH

PAGE 1 09-0-1100  
 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	Down Point																			
89																																		1	1					
85																																			1	1				
83				.4																															3	3				
81																																				9	9			
79																																				17	17	1	1	
77																																				14	14			
75																																				28	28			
73																																				45	45		1	
71																																				56	57	14	1	
69																																				35	35	23	12	
67																																				37	38	56	22	
65																																				1	21	67	8	
63																																				14	14	5	63	
61																																				3	3	32	51	
59																																				1	1	15	53	
57																																							15	
55																																						1	5	
53																																						1	7	
51																																							1	1
49																																							6	6
47																																							4	4
45																																							2	2
41																																							1	1
TOTAL	.4	7.6	31.3	25.9	17.6	4.7	5.0	3.2	1.8	.7	1.1	.4	.4																								276	276	276	

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

Element (X)	$\Sigma X^1$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Num.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 75 F	≥ 80 F	≥ 93 F	
Dry Bulb	1494914	22024	72.0	3.7	278			77.5	35.7	5.8		90
Wet Bulb	1194355	18195	65.0	3.5	278			34.6	1.3	.3		21
Dew Point	1062037	17119	61.6	5.3	278			12.0	.6			23



2

GLOBAL CLIMATOLOGY BRANCH  
 CLIMATE ACT  
 AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

1430 GELA ITALY 77-82 JUNE  
 STATION STATION NAME YEARS MONTH

PAGE 1 12.0-14.0  
 HOURS (L.S.T.)

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																		
86																																	1	1				
87																																	1	1				
88																																	1	1				
89				1.1	.4			.7									.4	.4															9	9				
90					.7	.4	.7																										5	5				
91				1.9	2.4	1.5	3.0	.7									.4																27	27	3	1		
92				.4	3.1	5.2	3.4	1.1																									35	35	2	2		
93				2.6	6.4	7.9	.7	.4	.4																								45	40	7	4		
94				1.9	2.0	4.1	.4																										49	50	12	5		
95				3.7	9.4	3.4											.4																44	46	52	23		
96				.7	4.5	1.8																											18	18	78	45		
97				1.1	3.4	.4																											13	13	45	32		
98				.4	3.1	1.1																												12	12	26	39	
99					.7																													2	2	10	25	
100																																				5	29	
101																																					4	
102																																					3	
103																																					1	
104																																					1	
105																																					1	
TOTAL				.4	17.5	43.4	26.2	6.4	6.0	1.5	.4	1.1	.7			.4																			269	269	267	

Element (X)	Z <sub>1</sub>	Z <sub>2</sub>	X	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	1644161	20741	77.7	11.132	267	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	1436337	19428	72.2	4.267	269			81.0	42.9	4.3		90
Wet Bulb	1216161	17997	67.4	3.409	267			57.6	4.4			90
Dew Point	1120734	17258	64.6	4.436	267			27.0	2.9			90

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



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/PAO

# PSYCHROMETRIC SUMMARY

1 45 1 0001 ITALY 75-61 JJA  
 STATION STATION NAME YEARS MONTH  
 PAGE 1 1979-2000  
 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				
85							.4	.4																											2	2				
83				.4			.4	.4	.4				.7																						4	5				
79				.4	.4								.7																						6	4	1			
77				1.1	2.2	.7	1.9						.7																						18	18	1			
75				1.1	2.2	7.1	3.4	1.5		.4																									47	47				
73				4.1	5.2	5.2	2.7	1.1					.7	.4																					1	19	3	2		
71				5.2	5.7	3.7	1.1	.4	1.1	.4			.4																						57	57	26	9		
67				1.9	9.0	.7	.7						.4																						34	34	57	99		
65				1.1	3.7	3.7	.4																												22	22	64	41		
63				1.9	3.7	1.5	.4																												13	13	43	47		
61				.4	1.5	.7	.4																													7	6	19	51	
58				.4																															1	1	23	29		
57																																						7	31	
55																																						1	4	
53																																						1	3	
51																																							1	4
49																																							4	4
47																																							3	3
45																																							1	1
41																																							1	1
39																																							1	1
TOTAL				.4	1.7	2.3	5.4	2.3	5.5	1.7	5.6	1.9	1.9	2.5																						263	263	263	263	

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

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GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

144930 SELLA ITALY 73-57 MONTH 011  
STATION NAME YEARS

PAGE 1 2104-2300  
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																		
67 85						.4																												1	1				
47 83						.4	.4																												2	2			
77 81						.4	.7																												3	3			
77 77					.4	.4																													2	2			
77 77		.4	.7	.7		.7	.4				.7	1.1																							13	13			
76 75			1.1	1.1	2.6	.7	.7	.7	1.5																										24	24	2		
74 73		2.2	2.9	3.3	.7	1.8	1.8	.7	.7																										39	40	4	1	
72 71		2.2	3.1	3.9	1.1	4.7	.4	1.1	.4	.4																									60	60	13	2	
70 69	.4	2.9	9.5	5.5	2.2	1.1	.4																												60	61	38	17	
67 67		1.8	2.2	2.2	.7	.7			.4																										33	33	63	35	
67 65		1.5	1.8	1.8	.4	.4			.4																										17	17	31	41	
47 63	.7	2.2	1.8	.7		.4																													16	16	50	45	
77 61		.7	.4	.4																															4	4	35	23	
77 59																																					16	42	
77 57																																					11	16	
57 55																																					3	7	
74 53																																					1	2	
77 51																																					1	2	
57 49																																							
47 47																																							
47 47																																							
47 47																																							
47 43																																							
47 41																																							
40 39																																							
TOTAL	1.1	1.1	4.6	3.5	4.1	7.5	11.3	7.7	5.5	2.6	3.3	1.1																									274	276	274

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

Element (X)	Z <sub>1</sub>	Z <sub>2</sub>	X	σ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	1576445	21357	74.3	5.312	274	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	1338419	19547	70.8	3.839	276			77.9	27.7	2.3		90
Wet Bulb	1169949	17871	65.2	3.994	274			39.4	2.0			90
Dew Point	1052384	16890	61.5	6.418	274			18.7	1.0			90



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GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

1 543 COLA ITALY 73-8 MONTH JUL

PAGE 1 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													
77-81			.4			.1	.4										.4	7	7																
77-79				.2	.2	.4	.4		1.1	.4								7	7																
77-75			.4	.4	.2	.2	.7	1.5	1.5	.4	.4							7	7																
74-73	.4	1.5	4.2	3.4	2.7	1.9	.4	.4										41	41	42	42	47													
77-71			5.6	13.8	3.2	3.4	1.1	1.1	.4									73	73	73	73	73													
77-69	.4	2.3	6.5	.4	1.9	.4		.4		.4								7	7	35	42	44													
77-67			3.8	5.1	2.3	.4	.4											32	32	42	47	47													
67-65		.4		.4																2	74	45													
77-63																																			
77-61																						17													
77-59																						7													
77-57																						1													
77-55																						1													
77-53																						1													
77-51																						1													
77-49																						1													
74-43																						1													
77-35																						1													
Totals		117	827	515	714	63	8	23	1	1								241	241	241	241	241													

Element (X)	Z <sub>x</sub> '	Z <sub>x</sub>	X	n <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	123725	19206	75.183	298	261							27
Dry Bulb	140622	19132	73.7	3487	261			23	42	5		73
Wet Bulb	112425	17631	67.6	3483	261			56	10	3		73
Dew Point	108593	16761	69.2	5090	261			7	2			9

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

FEDERAL BUREAU OF METEOROLOGICAL CLIMATOLOGY BRANCH  
METEOROLOGICAL SERVICE CENTER  
WASHINGTON, D. C.

# PSYCHROMETRIC SUMMARY

STATION: GALLA ITALIA

YEARS: 1950

MONTH: JUL

PERIOD: 03-0-1950  
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	
79			1.1			.4	.4																														
77		.9	.4	.4	.4	.0	.0	1.0	.0										.4															17	17	1	
75		.8	1.1	.4	.3	1.1	1.1												.4															11	31	3	2
73		1.5	1.1	4.0	1.0	1.1	1.1	.4																										11	27	3	2
71		1.1	2.7	2.7	3.0	2.3	.4	.4																										7.5	37	5	4
69		.4	2.3	1.3	3.4	1.4	.4	.4												.4														4.7	47	7.4	6
67	.4	2.3	2.2	3.1	3.0	.8																												1	51	4.7	1
65		.3	3.1	2.3	1.7																													1.4	24	6.7	1
63		.7	2.7	1.9	.4																													1	31	5.4	4.5
61		.4		1.1																														4	4	7.9	3.7
59																																					4.3
57																																					1.5
55																																					2
53																																					1.5
51																																				1	
49																																					3
47																																					1
45																																					1
43																																					1
41																																					1
39																																					1
TOTAL		4.1	4.2	6.3	7.9	14.3	6.0	5.7	1.0	.4	.4	.4																						255		250	

Point (X)	$\Sigma X'$	$\Sigma X$	$\bar{X}$	$\sigma_x$	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	
Hum.	1430.3	1730.2	74.0	13.416	262							
Bulb	1512.79	18619	70.7	3.744	262			76.8	28.4	.3		93
Bulb	1100.411	16949	64.7	3.398	262			3.9	2.5			93
Point	987.517	16015	61.1	5.708	262			17.5	1.4			93

SIGNAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

1 4637 JELLA ITALY STATION NAME 73-82 YEARS JUL MONTH

PAGE 1 0600-0000 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														
61						.4	.4											2	7																
62			.7			1.1												6	6																
63			.7	.4	1.1	1.1	.7			.4								12	12																
64		.4	.7	3.2	4.3	.7	.4	1.4										22	32	2	1														
65		.7	1.4	3.0	.4	1.4	1.3	1.1	.4									21	32	3	3														
66	.4	1.4	1.1	1.3	3.6	2.5	1.1	.4										24	34	7	2														
67		2.1	5.7	2.9	4.6	2.1	1.1	.7										64	55	76	8														
68	.4	2.1	7.1	5.4	2.5	1.3												54	54	41	14														
69		3.2	2.1	2.1	1.4													28	25	44	18														
70		1.4	2.5	2.0	1.3													24	25	53	33														
71		.4	.4		.4													3	3	45	36														
72			.4	.7														3	3	32	45														
73																				15	19														
74																					12														
75																				1	15														
76																					15														
77																					10														
78																					3														
79																					2														
80																					3														
81	.7	1.1	.9	2.2	.9	2.3	.2	2.1	.0	1.1	.1	5.4	4.7	.4	.4			280	283	280	280														

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	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	1473245	19969	71.2	3.266	280			74.6	27.0	.7		93
Wet Bulb	1152177	17927	64.0	3.072	280			25.2	1.7			93
Dew Point	1917869	16204	60.0	5.401	280			8.6	1.3			93

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



2

GENERAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

19453. GELA ITALY 73-82 JUL 1940-1945  
STATION STATION NAME YEARS MONTH HOURS (L. S. T.)

PAGE 1 0940-1100

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
67 85																		1	1																
47 87																		3	7																
77 81																		24	24																
77 79																		24	28																
77 77																		2	32	1															
77 75																		43	44	11	1														
77 73																		49	49	79	16														
77 71																		36	36	76	16														
77 69																		24	24	61	31														
77 67																			20	71	48														
77 65																		0	6	37	47														
77 63																		1	1	33	61														
77 61																		1	1	5	79														
77 59																					25														
77 57																					7														
77 55																					7														
77 53																					1														
77 51																					1														
77 49																					1														
77 43																					1														
TOTAL																		288	288	208	288														

Element (X)	$\Sigma X'$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	16015.3	21213	73.7	1.670	288							
Dry Bulb	1517387	21519	74.5	4.190	288			90.4	64.7	10.9		93
Wet Bulb	1355968	19736	68.5	3.494	288			67.5	13.2			93
Dew Point	1230092	18774	65.2	4.671	288			34.9	4.9			93

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

2  
 FEDERAL BUREAU OF SURVEY  
 NATIONAL CLIMATOLOGY BRANCH  
 WASHINGTON, D. C.  
 AIR WEATHER SERVICE/NAO

# PSYCHROMETRIC SUMMARY

14530 GALLI ITALY 73-80 JUL 1950-1950  
 STATION STATION NAME YEARS MONTH 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																	
87																																		1	1			
86																																		1	1			
83				.7	.7																													3	6			
81				.7	4.5	1.7	.7	1.																										76	25			
79				3.2	6.9	2.1	1.4																											25	42	2		
77			.7	6.2	9.4	3.1	1.4																											2	52	5		
75		1.	4.2	6.6	1.4																													86	48	25		
73		2.4	5.2	3.8	1.4																													29	40	51	24	
71		2.6	5.2	1.4	.3																													71	31	73	16	
69		3.5	3.2	.3																															1	22	66	20
67		.7	3.8	.3	.7																													15	15	94	62	
65		.3	.7																															3	3	21	41	
63																																					1	27
61																																					4	13
59																																						7
57																																						1
53																																						1
TOTAL		12.535	8.33	7.11	5.3	3.2	1.4	1.2	.7																										288	290	228	2.4

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma^2$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Num.	1791127	22568	78.4	8.283	288							
Dry Bulb	1651358	21250	75.3	4.190	290			92.0	69.9	14.8		93
Wet Bulb	1435022	20306	70.5	3.431	288			81.7	28.1	.3		93
Dew Point	1337227	19593	68.0	3.867	288			60.8	11.9			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

104530 GELA ITALY 73-80 1950-1951  
 STATION MONTH YEARS

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																		
01/59																																			1	1			
02/57																																			2	2			
03/55																																			3	3			
04/53																																			4	4			
05/51																																				73	73		
06/49																																				80	80	5	5
07/47																																							
08/45																																							
09/43																																							
10/41																																							
11/39																																							
12/37																																							
13/35																																							
14/33																																							
15/31																																							
16/29																																							
17/27																																							
18/25																																							
19/23																																							
20/21																																							
21/19																																							
22/17																																							
23/15																																							
24/13																																							
25/11																																							
26/9																																							
27/7																																							
28/5																																							
29/3																																							
30/1																																							
31/0																																							
TOTAL																																							

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma^2$	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	1510254	22692	79.5	9.950	289	0 F	32 F	67 F	73 F	80 F	93 F	
Dry Bulb	1662822	21926	75.9	4.314	289			92.4	73.7	16.7	.3	93
Wet Bulb	146117	20524	71.0	3.41	289			63.3	32.2	.3		93
Dew Point	1363091	19819	68.5	4.297	289			63.8	16.1			93

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

1  
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1

GENERAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

16453 UFLA ITALY 73-87 3-1  
STATION NAME YEARS MONTH

PAGE 1 16 G-2700  
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 65																																			1	1		
77 91																																			1	1		
77 87																																		2	2			
67 83																																		1	1			
67 83					.4	.4																												3	7			
47 83						.4																												2	2			
77 81					1.1	4.3	.7	1.1	.7	.4	.4	1.1	.4																				27	28	1			
77 79					4.3	3.6	2.5	1.4	.4	.4																							76	36	1	1		
77 77					1.1	7.5	6.4	3.6	1.1	.7	.7	.4																					61	61	4	1		
77 75					1.4	7.5	3.2	1.4	.7																								42	42	29	10		
77 73					5.4	6.4	2.9	.4																									43	43	43	31		
77 71					2.5	6.1	.4	.4																									26	26	67	37		
77 69					2.1	5.7	.7																										24	24	64	52		
77 67					2.1	.7																											8	4	34	43		
77 65						.4																											1	1	24	39		
77 63					.4																												1	1	13	25		
77 61																																				5	11	
77 59																																				9		
77 57																																				5		
77 55																																				3		
77 53																																				3		
77 51																																				4		
77 49																																				1		
77 47																																				3		
TOTAL					12.04	1.92	3.2	9.6	4.3	1.9	1.4	.7	1.8	1.1	1.4																			280	280	280		

USAFETAC FORM 0-26.5 (OL A) REVISIONS OF THIS FORM ARE OBSOLETE

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s^2$	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	1711817	21563	77.0	13.451	280	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Dry Bulb	1612484	21212	75.8	4.449	280			92.3	73.1	16.9	.3	43
Wet Bulb	1392233	19719	70.4	3.578	280			79.0	25.9	.3		93
Dew Point	1285963	18919	67.6	5.235	280			58.5	14.3	.3		93

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
ATMOSPHERIC SERVICE/MAC

## PSYCHROMETRIC SUMMARY

144537 UOLA ITALY 71-62 JVI  
STATION MONTH YEARS

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															
83																		3		7																
81				.7	.7	.3	.3	.1	.1	.3								12		12																
79			1.7	1.7	1.7	1.7	.7	.7	.7	.7								26		26																
77		1.0	3.6	5.9	3.8	1.0	.3	.3	.3									54		56	3															
75		3.4	4.9	5.6	3.6	.7	1.0	.7	.7									51		51	17 7															
73	.2	2.1	1.7	1.5	2.7	.7	1.1	.7										36		37	18 15															
71	.3	4.9	5.6	1.4	.7	1.7	.7											41		41	44 26															
69	.7	1.7	5.6	1.4														5		33	73 51															
67	.3	.7	2.4	.3	.7													10		12	53 43															
65			1.4															4		4	20 47															
63																					10 37															
61		.2																1		1	10 16															
59																					4 15															
57																					7															
55																					0															
53																					3															
51																					4															
49																					2															
47																					2															
TOTAL	1.7	13.3	37.9	22.4	10.5	4.0	2.3	.5	3.1	1.4	.7	.7	.3					206		286	200															

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma^2$	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.	17396.6	21466	76.8	3.576	286							
Dry Bulb	1582369	21240	74.3	3.740	286			91.4	54.4	7.2		93
Wet Bulb	1367371	10749	69.1	3.541	286			73.5	16.6			93
Dew Point	1258943	18914	66.1	5.332	286			47.8	7.2			93

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

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GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE / MAC

**PSYCHROMETRIC SUMMARY**

144930 UELA ITALY 75-80 JUNE  
STATION STATION NAME YEARS MONTH  
PAGE 1 ALL  
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																						TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	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						
99																						1	1			
95																							1	1		
91																							1	1		
89																						2	2			
87																						4	4			
85				.0	.0	.1	.0	.0														8	8			
83				.1	.2	.1	.1	.1														18	19			
81				.7	2.0	.7	.7	.7	.4	.3	.1	.1									132	132	1			
79			.0	2.2	2.6	1.3	1.3	.3	.7	.2	.1										175	186	6	11		
77			.4	5.1	4.7	2.9	1.2	.8	.3	.1	.0	.0									341	351	28	11		
75			1.2	4.1	4.7	2.6	.6	.5	.5												320	322	113	42		
73	.1	2.4	5.0	4.2	1.2	.8	.5	.7	.0												321	324	245	128		
71	.1	2.8	5.5	2.2	1.8	.9	.4	.1													310	311	315	196		
69	.3	2.4	5.1	1.5	1.3	.4	.2	.1													252	253	474	284		
67	.1	1.3	4.3	1.8	1.1	.4															242	242	370	324		
65		1.0	1.0	.6	.4																67	67	271	313		
63		.6	.6	.6	.3																47	48	224	323		
61		.2	.0	.1	.0																9	9	173	173		
59			.3	.1																	3	3	86	178		
57																								75		
55																								59		
53																								1		
51																								35		
49																								71		
47																								6		
45																								6		
43																								6		
41																								1		
35																								3		
TOTAL	.0	12.333	4.25	5.13	6.5	3.6	2.1	.9	.4	.4	.3	.0									7234	2144	2234			

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

Element (X)	Σ X'	Σ X	̄X	S <sub>X</sub>	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Num.	13132111	168959	75.6	12.584	2234			761.9	447.9	73.2		744
Dry Bulb	12231041	165347	73.7	4.607	2244						.7	744
Wet Bulb	10459417	102541	68.3	4.423	2234			501.9	132.5	1.0		744
Dew Point	9566491	145589	65.2	5.929	2234			328.4	60.6	.3		744

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

184530 MELA ITALY 75-82 YEARS

FACE 1 0610-0204  
 MONTH 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																
67/85					.4				.4																								1	1			
74/83					.4																												1	1			
77/81					.4																												2	2			
77/79				1.2	1.2	.4			.4				.4																				14	15			
77/77		.4	3.9	4.3	2.7	2.7	.8		.4																								42	42	2		
76/75			3.1	7.0	3.0	2.7	.4																										44	46	7	2	
74/73		5.5	4.7	6.6	2.7	3.1	.2																										50	67	26	8	
72/71	.4	4.4	7.1	2.3	1.4	4.7	.4	.4	.4																								42	62	45	34	
70/69		2.7	3.9		.4																												19	19	50	32	
67/67		2.3	1.2																														2	2	48	54	
67/65																																				44	39
67/63																																				50	44
67/61																																			4	19	
67/59																																			2	14	
67/57																																			1	14	
67/55																																				2	
67/53																																				7	
67/49																																				2	
67/47																																				2	
67/45																																				1	
TOTAL	.4	1.0	2.8	1.23	0.15	2.7	2.9	3.1	2.7	2.3	.4																							256	257	256	

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	14758.3	12139	74.8	3.275	256			93.0	60.4	4.0		93
Dry Bulb	1420879	1993	74.3	3.91	256			66.8	12.7			93
Wet Bulb	1210214	17580	68.7	3.408	256			47.6	3.6			93
Dew Point	1101711	16732	65.4	5.315	256							93

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

2

GLOBAL CLIMATOLOGY BRANCH  
 WAFETAC  
 AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

14430 SELA ITALY 70-80 400  
 STATION MONTH YEARS  
 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														
79				1.2	.4													5	5																
77			.4	1.2	1.2	.8	.4	.4	1.2									15	15																
75			2.7	3.1	2.7	2.7	.8	.4	.8									35	35																
73	.4	.8	3.5	5.3	1.9	4.2	1.0											48	48	6	1														
71		1.0	1.7	4.6	5.0	1.2	.8	.4										62	62	14	4														
69		3.1	3.5	2.7	3.1	1.2			.4									49	49	7	13														
67			5.4	2.3	1.3													24	24	6	1														
65		3.5	.3	1.9	.4			.4										10	10	1	38														
63		.8		.4														3	3	1	57														
61																				1	21														
59																				7	36														
57																				3	14														
55																				1	12														
53																				1	2														
51																					6														
49																					3														
47																					3														
45																					1														
43																					1														
TOTAL	.4	1.0	3.1	3.2	2.1	6.1	1.0	4.2	1.9	2.3								259	259	259	93														

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

Element (X)	$\Sigma X^1$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	1436202	18090	73.3	3.036	259							
Dry Bulb	1329656	18540	71.6	3.117	259			85.5	37.7			93
Wet Bulb	1124322	17042	65.8	3.394	259			40.9	2.2			93
Dew Point	1010220	16116	62.2	5.362	259			17.6	.4			93



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GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

194530 SELLA ITALY 73-81 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			
71				.4																															1	1			
72				.4	1.4	1.1	.4	1.1	.7																									14	14				
73			.4	.4	2.2	1.1	1.1	.7	.4	.4																							18	18	1				
74		1.1	3.5	4.7	2.5	1.6	1.8	1.1	.4																								2	52	2	2			
75	.4	2.5	4.7	4.7	4.7	4.7	2.2	.4																									55	55	14	4			
76		3.6	11.5	4.3	3.2	1.1	.4																										67	67	25	9			
77		.4	5.4	2.5	1.8	1.8	.4																										34	34	47	27			
78		1.4	3.2	3.2	.4																												23	23	36	23			
79		.4	2.9	.7																														11	11	64	43		
80																																				27	41		
81									.4																									1	1	12	52		
82																																				7	21		
83																																						17	
84																																						4	
85																																						7	
86																																						4	
87																																						1	
88																																						2	
TOTAL	.4	9.7	32.2	24.1	14.0	11.5	4.7	2.5	.7	.4																								278	278		275		

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	1520996	26252	72.8	2.819	278							
Dry Bulb	139327	19559	70.7	3.293	278			81.3	29.1	.3		23
Wet Bulb	117537	1650	64.9	3.513	278			32.1	1.2			93
Dew Point	1049697	17217	61.2	5.396	278			14.1	.7			93

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

GLOBAL CLIMATOLOGY BRANCH  
 WFAFLTAC  
 AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

1443 GELA ITALY 75-80  
 STATION STATION NAME YEARS  
 HALF 1 MONTH 0750-1100  
 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														
87-87																		1	1																
87-85																		1	1																
84-83																		1	1																
82-81				.4	2.1	1.7	1.4	.7	1.4									1	1																
81-79				.4	3.7	2.1	3.8	.7	.4	.4								13	33																
79-77					13.	7.2	4.7	1.4	.7	.4								64	97		1														
76-75			.7	1.4	6.7	5.0	1.1											42	47	13	1														
74-73			1.4	3.9	7.8	2.8	.4											44	44	13	7														
72-71			1.1	4.8	2.9	1.4			.4									28	35	12	7														
70-69			.4	3.5	.7													16	17	65	39														
67-67	.4		.7															5	3	45	66														
66-65																			1	32	46														
64-63																				7	47														
62-61																					1	32													
61-59																					1	15													
61-57																																			
61-55																																			
61-53																																			
61-51																																			
61-49																																			
TOTAL	.4	3.6	1.9	3.7	5.2	.7	1.4	7.7	2.8	.7	.4	.4						243	286	230	30														

Element (X)	Z <sub>x</sub> <sup>1</sup>	Z <sub>x</sub>	X	σ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total	
Ref. Num.	1487483	20195	72.1	0.527	286	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	1650151	21703	75.9	3.765	286			92.7	76.7	11.1		93
Wet Bulb	1357336	19478	69.6	2.918	286			79.4	14.6			93
Dew Point	1228269	13509	66.1	4.130	286			43.5	2.7			93

USAFETAC FORM 0265 (01-61) REVISIONS INDICATED BY THIS NUMBER OBSOLETE JUL 64

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE ZMAC

**PSYCHROMETRIC SUMMARY**

STATION: CELIA, ITALY STATION NAME: 73-62 YEARS: 1952-1953

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	Dea Point			
67 65								.4	.7																															
74 73				.7	1.8		.7	.7	.1																												12	12		
77 81				2.5	7.4	2.5	1.1																															10	10	
77 79				3.2	7.2	3.5	.7									.7																					42	42		
77 77				.4	1.2	1.3	3	4.5	1.3	.4																											7	7		
77 75				.6	3	7.1	1.4	.4	.4																												44	44		
77 77				1.1	4.2	3.2																															6	6		
77 71				1.1	3.2	1.4	.4																														17	12	71	
77 69				.1																																		7	7	
67 67				.4																																	1	1	22	
67 65																																								
77 53																																								
77 61																																								
77 59																																								
77 57																																								
77 53																																								
TOTAL				7.6	34.4	41.8	13.7	5.7	1.1						.7																						285	285		

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	1728464	21946	77.3	8.881	285	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	1707470	22076	77.2	3.479	285			93.0	84.5	22.9		4
Wet Bulb	1478741	20568	72.2	3.187	285			58.8	38.8			25
Dea Point	13752.1	19767	69.4	3.347	285			71.5	21.5			43

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

FEDERAL CLIMATOLOGY BRANCH  
 WASHINGTON, D.C.  
 METEOROLOGICAL SERVICE, WAC

# PSYCHROMETRIC SUMMARY

STATION: LA PALMITA STATION NAME: LA PALMITA YEARS: 73-87 MONTH: APR  
 PAGE: 1 1983-1987  
 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		
72																																							
73																																							
74																																							
75																																							
76																																							
77																																							
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93																																							
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95																																							
96																																							
97																																							
98																																							
99																																							
100																																							
TOTAL																																							

USAFETAC FORM 0 26 5 (OL A) REVISION 1 1973 (1) THIS IS THE DATE OF THE REVISION

Element	$\Sigma X$	$\Sigma X^2$	$\bar{X}$	$\sigma^2$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel Hum	1723771	21787	77.9	0.257	281							
Dry Bulb	1026216	21748	77.4	3.290	281			93.1	88.0	28.5		23
Wet Bulb	1473673	21331	72.0	3.93	281			90.4	46.7	0.3		23
Dew Point	1377651	19647	69.9	3.779	281			74.5	23.5	0.3		93



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GLOBAL CLIMATOLOGY BRANCH  
 WAFSC/STAG  
 AIRCRAFT SERVICE/MAL

# PSYCHROMETRIC SUMMARY

1803 CELLA ITALY 73-82  
 STATION STATION NAME YEARS MONTH

PAGE 1 210-210  
 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			1.8	1.7	1.5	.4	1.1		.4	.4	.4							19	19																
7/ 75		.8	1.9	2.7	1.1	.3												0	21	1															
7/ 77		1.1	4.8	7.6	3.8	2.7	2.3		.4									73	74																
7/ 78		4.2	6.3	8.7	1.9	1.9												4	84	17															
7/ 78	.3	4.9	5.7	3.4	.4	.8	1.1	.9										41	49	3	24														
7/ 71		2.7	4.2	2.7	.8													27	27		41														
7/ 69		.8	3.4	.2														13	17		47														
7/ 67			1.1															3	3	17	44														
7/ 65																					47														
7/ 63																				15	32														
7/ 61																				7	15														
7/ 59																					17														
7/ 57																					3														
7/ 55																					4														
7/ 53																					2														
7/ 51																					1														
7/ 49																					1														
7/ 45																					1														
TAL		.14	.43	4.12	7.3	3.7	6.4	4.5	2.3	.8	.4	.4							264	264	264														

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_s$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	1593926	20312	76.9	12.6	264			93.7	77.9	2.4		264
Dry Bulb	1597533	19971	75.4	3.92	265							265
Wet Bulb	1303825	18527	70.3	3.562	264			77.9	26.4			264
Dew Point	1224315	17777	67.3	5.255	264			57.8	12.7			264

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

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GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAO

PSYCHROMETRIC SUMMARY

STATION: CELIA ITALY STATION NAME: 73-42 YEARS: ALL MONTH: ALL  
PAGE: 1 HOURS (L.S.T.): ALL

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
77-87																		7		7															
67-85						.1	.2	.1										1		1															
47-83			.2	.2	.2	.1												75	29	1															
27-81		.1	1.7	2.3	1.3	.5			.1	.1							155	156	2	3															
7-79		.2	2.1	3.3	1.7	1.1	.3	.4	.3	.1							215	717	10	1															
7-77		.3	4.6	8.2	3.2	2.1	.3	.1	.2								425	454	42	28															
17-75		1.5	3.7	5.3	2.4	1.7	.4	.2	.2								333	339	151	7															
24-73	.2	2.7	4.7	4.7	1.4	1.5	.7	.2	.2								349	349	309	152															
34-71	.1	2.1	5.5	2.7	3.0	.6	.2	.1									291	343	375	264															
44-69	.1	4.4	2.1	1.1	.2	.3			.2								172	172	400	300															
54-67	.0	.3	1.3	.6	.4	.2											76	76	344	347															
64-65		.6	.5	.6	.1												41	42	240	202															
74-63		.1	.4	.1													14	14	151	290															
84-61																				82	150														
94-59						.2											1	1	71	130															
104-57																				11	50														
114-55																				1	40														
124-52																				1	32														
134-51																				1	17														
144-49																					12														
154-47																					9														
164-45																					4														
174-41																					3														
184-37																					1														
197-1	.3	2.7	3.1	5.3	0.7	3.6	3.2	3.1	1.5	1.0	.2	.1							2192		2152														
																		2142		2152															

Element (X)	Z <sub>x</sub>	Z <sub>y</sub>	X	Y	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	12717385	164577	75.4	1.614	2182	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	12341304	164238	74.2	4.230	2182			724.7	541.0	95.4		744
Wet Bulb	1555962	151516	69.4	4.220	2182			564.0	182.4	1.4		744
Dew Point	2855614	144348	66.4	5.671	2182			397.2	86.6	1.0		744

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/AFAC

# PSYCHROMETRIC SUMMARY

149675 SALLA ITALY 75-81 STATION NAME STATION YEARS MONTH SEP 1975-1976  
 FACT 1 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													
67/95																		1		1															
77/93																		1		1															
77/81																		1		1															
77/79				1.6	.5																														
77/77		.4	.4	1.2	2.0													1		1															
77/75			2.4	2.4	2.4	1.0	1.2											1		1		2													
77/73		2.4	2.4	3.2	2.8	.4	.4											1		1		12													
77/71	.4	4.72	2.0	3.7	6.3	.4	.4											1		1		76													
77/69		2.4	5.0	2.0	7.5	1.2	.4											2		2		44													
77/67		2.8	3.0	2.8	1.0	.8												2		2		54													
77/65		.4	.4	.4														2		2		40													
77/63			.4	.4														2		2		28													
77/61																						17													
77/59																						9													
77/57																						7													
77/55																						1													
77/53																						2													
77/51																						5													
77/49																						5													
TOTAL	.4	13.0	33.6	32.2	91.9	4.0	7.6	.4										253		253		253													

Element (X)	Z <sub>g</sub>	Z <sub>R</sub>	X	P <sub>n</sub>	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	1522508	19306	76.31	0.538	253			8.2	26.0	2.5		90
Dry Bulb	1313665	18213	72.0	3.300	253			2.2	5.0			90
Wet Bulb	1138135	16945	67.0	3.576	253			35.2	.4			90
Dew Point	1041054	16182	64.0	4.898	253							90

USAFETAC FORM 0-26-5 (OLA) REVISION 10-64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



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CENTRAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/ICL/MAC

**PSYCHROMETRIC SUMMARY**

104130 DELA ITALY STATION NAME 73-87 YEARS SEP MONTH

PAGE 1 0314-0500 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														
1/ 81					.4	.4												1	1																
15/ 79			.4			.4												3	3																
7/ 77				1.6	1.6	.4	.4											11	11																
26/ 75			.4	.4	.4													7	7																
24/ 73		.4	1.2	2.0	2.0	.4	.4	.4										10	20		1														
7/ 71		3.2	3.1	3.6	2.8	.4												40	40	13	1														
7/ 69	.8	2.8	3.4	6.0	2.8	1.2												69	71	23	13														
21/ 67	.4	.8	1.9	3.0	3.0		.4											49	42	38	28														
6/ 65		1.6	5.7	2.8	1.2	.4												29	29	47	37														
14/ 62		1.6	.8	2.2														13	13	24	41														
7/ 61			.8	1.2														5	5	34	44														
17/ 59																				14	40														
7/ 57																				11	19														
11/ 55																					12														
6/ 53																					17														
12/ 51																					3														
5/ 49																					1														
11/ 47																					2														
TOTAL	1.2	10.7	40.1	25.9	15.8	3.6	2.4	.4										247	247	247	247														

Element (X)	$\Sigma X'$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 10 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	1401481	18261	76.8	10.268	247							
Dry Bulb	1210700	17342	69.6	3.848	247			71.0	15.2	1.1		90
Wet Bulb	1041475	16115	64.8	3.746	247			31.5	.4			90
Dew Point	950831	15281	61.9	4.707	247			12.8	.4			90

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

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

164730 GELA ITALY 73-82 USAFETAC  
STATION STATION NAME YEARS MONTH  
PAGE 1 1600-000

HOURLY (L. S. T.)

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																	
62/ 51				.4		.4	.4																										3				
67/ 70						.4	.4																										2				
71/ 77				.7					.4	.4																											
76/ 75				1.3	.4	.7	.4																														
74/ 73			.7	2.2	.7	1.5	.7	.4																										17	17		1
77/ 71		1.5	4.1	2.6	1.8																													27	27	7	
77/ 69		2.2	1.3	3.8	1.8																													47	49	14	3
67/ 67		3.0	1.9	7.7	3.0	.7																											22	24	36	15	
76/ 65		5.2	6.3	3.0	.7			.4																									42	47	24	34	
67/ 63		1.1	4.1	4.1	1.5																												29	29	24	65	
67/ 61		.4	1.1		.4																												5	5	35	35	
67/ 59		.4			.7																												2	7	25	51	
67/ 57																																			14	59	
67/ 55																																			4	12	
74/ 53																																			1	13	
67/ 51																																					4
67/ 49																																					1
67/ 47																																					1
67/ 45																																					1
TOTAL		13.7	42.4	26.2	21.0	.7	3.7	2.6	.7	.0																							271	274	271		

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma^2$	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	1637257	20287	77.1	10.073	271							
Dry Bulb	1293512	18800	68.6	3.624	274			64.1	11.9	1.1		
Wet Bulb	1111936	17334	64.0	3.442	271			27.3	.3			
Dew Point	1013962	16532	61.0	4.492	271			6.3	.3			

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



FEDERAL BUREAU OF SURVEY  
 METEOROLOGICAL SERVICE  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

14931 SALLA ITALY 75-80  
 STATION NAME YEARS MONTH  
 PAGE 1 1200-1400  
 HOURS (L. S. T.)

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																		
1 / 97																																		1	1			
2 / 95																																			3	3		
3 / 91																																			5	6		
4 / 89																																			11	11		
5 / 87																																			24	25	1	
6 / 85																																			119	119	3	3
7 / 83																																			51	51	16	4
8 / 81																																			36	36	46	13
9 / 79																																			20	20	78	41
10 / 77																																			3	3	43	52
11 / 75																																			3	3	39	55
12 / 73																																					12	43
13 / 71																																					7	39
14 / 69																																					3	12
15 / 67																																						
16 / 65																																						
17 / 63																																						
18 / 61																																						
19 / 59																																						
20 / 57																																						
21 / 55																																						
22 / 53																																						
23 / 51																																						
24 / 49																																						
25 / 47																																						
26 / 45																																						
27 / 43																																						
28 / 41																																						
TOTAL																																						

Element (X)	$\sum x^2$	$\sum x$	$\bar{x}$	$s^2$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	1560734	20774	73.9	9.447	281							
Dry Bulb	1647761	21577	76.2	3.178	283			97.0	80.1	9.5		9.5
Wet Bulb	1392305	19757	70.3	3.911	281			79.4	21.9			9.9
Dew Point	1273973	18973	67.2	4.778	281			53.8	6.4			9.0

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

2

GENERAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

10453 ULLA ITALY STATION NAME 72-02 YEARS FEB MONTH

PAGE 1 1-20-17-0 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. Wet Bulb	Dry Bulb Dew Point		
81/ 85							.7				.4																							0	3	
74/ 82				1.1	1.1	1.1	.4	1.5		.4	.4																							13	13	
77/ 81				1.4		.7	.7				.4																							10	10	
71/ 78				.7	2.2	2.2	2.6	2.6	2.9		.4	.4																						32	32	
77/ 77				1.1	3.1	3.5	3.6	.7																										91	91	
76/ 75				2.9	5.5	5.2	4.7	3.3	.4								.4	.4																59	58	
74/ 73				.7	3.3	4.7	1.1	.4	.4																									29	29	
72/ 71				.4	3.3	3.2	2.9	1.5	.4																									23	23	
77/ 69				.7	2.6	.4	.4	.4																										12	12	
62/ 67					.7	.4																												3	3	
66/ 64																																			0	0
64/ 63																																			0	0
67/ 61																																			3	10
62/ 59																																			1	1
67/ 57																																			1	1
60/ 55																																			0	0
67/ 51																																			1	1
40/ 45																																			1	1
67/ 41																																			1	1
TOTAL				5.2	2.9	2.9	3.1	4.2	7.3	1.1	1.1	1.1	.4	.4																			274	274	224	

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	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	184217	24411	75.9	9.421	274			9.0	77.5	14.9		2
Wet Bulb	177242	19410	70.9	3.828	274			74.8	22.2	1.0		22
Dew Point	1273272	13636	68.5	4.890	274			59.5	12.2	.3		2

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

2

GENERAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/PAC

PSYCHROMETRIC SUMMARY

174830 FLA ITALY 73-80 STATION NAME YEARS MONTH

PAGE 1 1310-2000 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		
77 85																																			1	1		
76 83							.4	.7										.4																6	6			
75 81			.4	.7	.4		.7											.4															9	9				
74 79						1.1	1.1											.4															10	10	1	1		
73 77		1.1	1.1	1.1	1.1	1.1	1.1											.7	1.1														50	50	4	1		
72 75		.4	.7	1.1	1.1	1.1	1.1	1.1										.4															47	47	11	7		
71 73			.7	1.1	1.1	1.1	1.1	1.1	1.1																								46	46	59	40		
70 71			.4	.7	1.1	1.1	1.1	1.1	1.1	1.1								.4															73	73	73	16		
69 69				1.1	1.1	1.1	1.1	1.1	1.1	1.1	.7	.7																					14	14	85	31		
68 67			.7	1.1	1.1	1.1	1.1	1.1	1.1	1.1																							17	17	30	43		
67 65																																						
66 63																																						
65 61																																						
64 59																																						
63 57																																						
62 55																																						
61 53																																						
60 51																																						
59 49																																						
58 47																																						
57 45																																						
TOTAL		.4	1.7	4.3	6.9	27.0	11.0	2.5	2.7	1.1	1.1																							282	32	282	90	

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

2

GENERAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1947 03 75-92  
STATION NAME: VELA ITALY YEARS: 75-92  
MONTH: 03  
PAGE 1 OF 2  
HOURS (L. S. T.): 21-22-23

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/ 97				.4																																			
77/ 91			.4				.4																																
77/ 77			.4	.3	.2	.5	.2	.8			.2																												
77/ 75	.4	2.3	3.1	4.7	3.4	1.2	.4																																
74/ 73	.4	5.3	3.3	3.7	2.3	3.2																																	
71/ 71		2.8	5.7	2.3	2.1	.4					.4																												
69/ 69		.4	4.3	1.2		.8																																	
67/ 67		1.2	3.0	2.0	0.4																																		
65/ 65		1.2																																					
63/ 63		.4	.4	.4																																			
61/ 61																																							
59/ 59																																							
57/ 57																																							
55/ 55																																							
53/ 53																																							
51/ 51																																							
49/ 49																																							
TOTAL	.4	15.43	3.02	8.11	7.0	6.7	2.7				.4																								256	273			

Element (X)	$\Sigma x'$	$\Sigma x^2$	$\bar{x}$	$s_x^2$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	1545165	17591	77.41	567	253							
Dry Bulb	136720	18751	73.13	17	253			45.5	57.3	4.2		
Wet Bulb	116317	17253	68.23	69	253			67.3	9.6			21
Dew Point	1023771	16543	65.75	60	253			35.8	4.6			93

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

2

FEDERAL CLIMATOLOGY BRANCH  
 STAG  
 AERONAUTICAL SERVICE/NAAC

**PSYCHROMETRIC SUMMARY**

1-87-87 STATION 73-87 STATION NAME ALL MONTH ALL HOURS U.S.T.

USAFETAC FORM 0-26.5 (OLA) REVISED METRIC EDITION OF THIS FORM AND CARRIER

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																
76																		34	37																
75																		72	43																
74																		110	101	4	2														
73																		175	175	10	4														
72																		301	361	16	17														
71																		523	525	21	21														
70																		519	711	347	204														
69																		217	527	571	247														
68																		219	319	171	122														
67																		12	82	205	253														
66																		47	47	122	300														
65																		13	13	117	153														
64																		3	3	60	100														
63																				20	31														
62																				3	14														
61																					4														
60																					1														
59																					1														
58																					1														
57																					1														
56																					1														
55																					1														
54																					1														
53																					1														
52																					1														
51																					1														
50																					1														
49																					1														
48																					1														
47																					1														
46																					1														
45																					1														
44																					1														
TOTAL																		2127	2147	2127	1137														

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s_x$	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	12016123	162035	75.2	10.430	2137			672.4	419.5	40.0		722
Wet Bulb	912919	143261	68.2	4.203	2137			456.2	97.4	1.3		722
Dew Point	9083216	133956	65.0	5.160	2137			297.5	33.7	.3		722



FEDERAL BUREAU OF INVESTIGATION  
 U.S. DEPARTMENT OF JUSTICE  
 AIRCRAFT SERVICE/MAO

PSYCHROMETRIC SUMMARY

14750 HELA ITALY STATION NAME 77-31 YEARS MONTH

1957-1958 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														
77																		1	1																
76				.4		1.2												4	4																
75			.4		.4													6	6																
74			.4	.4	.7	2.7												12	12																
73	.4	.4	.7	.1	.9	.4	1.2	.4										12	12	17	7														
72		.5	.5	.9	.8	3.5	1.8											22	22	17	14														
71		.7	.1	.3	.9	3.0	.4											7	7	7	17														
70		.2	.7	.3	.9	3.0	2.4	.4										14	14	14	11														
69		1.5	.4	.7	3.5	.7	.4											17	17	14	11														
68		1.2	.2	.4	2.0	.4												15	15	13	13														
67		.4	.2	.7	.4													7	7	12	17														
66		.4																4	4	21	16														
65					.4													1	1	7	16														
64				.4														1	1	3	16														
63																					1														
62																																			
61																																			
60																																			
59																																			
58																																			
57																																			
56																																			
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49																																			
48																																			
47																																			
46																																			
45																																			
44																																			
43																																			
42																																			
41																																			
TOTAL		22	24	3	12	3	1	2	4									25	25	1	25														

USAFETAC FORM 0265 (O.L.A.) REVISION 10-57-58

Element	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s^2$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel Num.	1223411	20055	73.610	145	255							
Dry Bulb	112202	16737	65.6	4.116	255			41	7			48
Wet Bulb	77215	15744	61.6	4.452	255			11	3			14
Dew Point	85478	14260	59.7	5.495	255			6				6

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FEDERAL BUREAU OF SURVEY  
 GENERAL CLIMATOLOGY BRANCH  
 WASHINGTON, D. C.  
 AIR WEATHER SERVICE/FAO

# PSYCHROMETRIC SUMMARY

1 44537 ULLA ITALY 73-61 307  
 STATION MONTH  
 STATION NAME YEARS  
 DAY MONTH YEAR  
 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															
70																	.4															1	1			
71			.4	.4													.4																5	5		
72			.4	.8																													5	5		3
73				1.2	.4																												11	11		3
74			1.2	1.6	1.2												.4																17	17		4
75			1.2	2.0	1.6												.4																23	23		4
76			1.2	2.4	2.0												.4																29	29		4
77			1.2	2.8	2.4												.4																35	35		4
78			1.2	3.2	2.8												.4																41	41		4
79			1.2	3.6	3.2												.4																47	47		4
80			1.2	4.0	3.6												.4																53	53		4
81			1.2	4.4	4.0												.4																59	59		4
82			1.2	4.8	4.4												.4																65	65		4
83			1.2	5.2	4.8												.4																71	71		4
84			1.2	5.6	5.2												.4																77	77		4
85			1.2	6.0	5.6												.4																83	83		4
86			1.2	6.4	6.0												.4																89	89		4
87			1.2	6.8	6.4												.4																95	95		4
88			1.2	7.2	6.8												.4																101	101		4
89			1.2	7.6	7.2												.4																107	107		4
90			1.2	8.0	7.6												.4																113	113		4
91			1.2	8.4	8.0												.4																119	119		4
92			1.2	8.8	8.4												.4																125	125		4
93			1.2	9.2	8.8												.4																131	131		4
94			1.2	9.6	9.2												.4																137	137		4
95			1.2	10.0	9.6												.4																143	143		4
96			1.2	10.4	10.0												.4																149	149		4
97			1.2	10.8	10.4												.4																155	155		4
98			1.2	11.2	10.8												.4																161	161		4
99			1.2	11.6	11.2												.4																167	167		4
100			1.2	12.0	11.6												.4																173	173		4
TOTAL			27.744	214.511	111.2	1.6																											261	261		4

USAFETAC FORM 3400 JAN 64  
 (2) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel Hum.	15743.1	19727	73.0	9.774	251							
Dry Bulb	1013305	15083	63.4	4.276	252			19.9	2.4			53
Wet Bulb	692717	14025	59.0	4.580	251			7.3				53
Dew Point	810019	14137	56.5	5.707	251			1.9				93

AL CLIMATOLOGY BRANCH  
 WAC  
 WEATHER SERVICE / WAC

# PSYCHROMETRIC SUMMARY

STATION NAME: WILLY HALL YEARS: 1952-53 MONTH: NOV

TEMPERATURE (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point		
70																																						
71																																						
72																																						
73																																						
74																																						
75																																						
76																																						
77																																						
78																																						
79																																						
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92																																						
93																																						
94																																						
95																																						
96																																						
97																																						
98																																						
99																																						
100																																						
TOTAL																																						

TEMPERATURE (F)	Σ X'	Σ X	X̄	S <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Hum	1751.1	2172.1	72.7	9.3	272							272
Bulb	1771.4	1772.1	62.3	4.5	272			16.2	1.0			23
Bulb	5070.7	1920.1	59.1	4.1	272			4.1				23
Point	738.7	1833.8	56.4	5.7	272			1.4				23

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FEDERAL BUREAU OF METEOROLOGY  
METEOROLOGICAL SERVICE  
AT THE WEATHER SERVICE STATION

# PSYCHROMETRIC SUMMARY

1453 DELLA ITALIA STATION NAME YEARS MONTH

PAGE 1 0000-1100 HOURS 1 5 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														
77						.7												7	7																
76	.7			2.2	1.1	.7												12	12																
75		3.1	5.1	.7	.7	.7												15	15																
74	.7	3.9	2.9	2.5	.7	.4												3	12		2														
73	.4	4.7	2.5	3.6	.4													2	21		7														
72		2.2	7.0	4.9	1.3	.4												5	12		11														
71	.7	5.1	4.3	2.9	1.1													15	15		11														
70	.7	1.4	4.3	2.9	1.1													2	19		14														
69	.7	2.9	1.4	1.4		.4												19	19		29														
68	.7	1.1	1.4	1.4														1	17		12														
67		.7	.4															2	7		10														
66			.4															1	1		1														
65				.4														1	1		1														
64																					1														
63																					1														
62																					1														
61																					1														
60																					1														
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52																					1														
51																					1														
50																					1														
49																					1														
48																					1														
47																					1														
46																					1														
45																					1														
44																					1														
43																					1														
42																					1														
41																					1														
TOTAL	16.73	1.07	2.92	2.4	7.6	2.5												277	277		277														

USAFETAC FORM 0 26-5 (O.L.A.) REPRODUCED BY THIS SERVICE FROM THE ORIGINAL SOURCE

Element (X)	Zx'	Zx	Z	σ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature						
	1469855	17997	72.2	9.752		≤ 0 F	≤ 32 F	≤ 67 F	≤ 72 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	1469855	17997	72.2	9.752	277			56.6	16.9			93
Dry Bulb	1294566	18062	69.4	4.879	277							93
Wet Bulb	1333581	17277	62.4	4.648	277			19.1	.7			93
Dew Point	958394	16210	58.5	5.963	277			5.4				93

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FEDERAL BUREAU OF SURVEYING  
 U.S. ARMY AIR FORCE  
 AIR WEATHER SERVICE

### PSYCHROMETRIC SUMMARY

1946 STATION DELA ITALY STATION NAME YEARS MONTH OCT HOURS 1-19.0

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL															
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point																												
70					.7	.4	.6																															4	4										
71							.4	.7	.4																														4	4									
72				.7	3.5	1.7																																	1.5	1.5									
73			.7	1.1	1.4	1.1	1.1	1.4	.7	.4	.7																													2.7	2.7								
74			1.1	1.1	1.7	2.8	1.1	.7			.7																													4.2	4.3	6	1						
75			.4	2.3	1.7	1.4	1.8	1.8	1.1	.7																															5	5.3	2	3					
76			1.4	3.5	5.3	2.8	3.2		.4																																4.5	4.5	7.4	1.4					
77				1.3	2.3	1.4	3.1	1.1	.7	.7																															2.1	3.1	4.8	2.2					
78			1.1	3.2	5.7	2.1	.4																																		3	3.3	4.8	2.2					
79			.4	1.1	1.3	.4	1.1	.4																																	1.4	1.4	3.4	1.3					
80				.4	.7	.4																																				.4	4	4	3.3				
81			1.1		.4	.7																																					.7	6	1.7	3.9			
82						.4																																					1	1	1.7	3.9			
83						.4																																								1	1	1.7	3.9
TOTAL			7.4	15.2	29.0	22.9	9.6	5.7	2.4	1.4																																				28.2	28.3	28.2	

Element (X)	Σx'	Σx	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	14284.4	1979	70.2	1.273	282							
Dry Bulb	14157.21	1997.9	70.6	4.719	283			7.7	31.5	2.3		93
Wet Bulb	117.432	1812	64.3	4.669	282			32.0	2.0			93
Dew Point	10307.57	1694.7	60.1	6.512	282			13.9	.3			93

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

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FEDERAL BUREAU OF SURVEY  
 NATIONAL CLIMATOLOGY BRANCH  
 WASHINGTON, D. C.  
 AIR WEATHER SERVICE / WAC

PSYCHROMETRIC SUMMARY

194530 JELA ITALY 75-00 1970  
 STATION STATION NAME YEARS MONTH  
 PAGE 1 1970-1970  
 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														
77/51			.4	.4			.4		.4									4	4																
77/74				1.1														4	4																
77/77			1.1	1.4	1.1		.4											11	11	1	1														
74/75		1.4	2.5	3.7	.7	.4	.7	.4	.4									29	29																
74/73		2.1	3.9	5.5	1.4	.7		.4	.4	.4								43	43	6	4														
71/71		1.1	2.8	4.6	2.1	1.8		.4	.4									37	37	21	12														
77/69		.4	5.7	5.7	2.1	1.8	.7											46	47	25	17														
67/67		.7	5.3	4.6	4.3		.7	.4										44	44	27	25														
65/65		1.4	5.3	3.7	1.8	.7	.4	.4										39	39	41	27														
63/63		1.1	1.1	2.1		1.1												15	15	45	20														
61/61			.4		.4	.7												4	4	27	26														
59/59		.7	.4		.4													4	4	26	44														
57/57																				14	21														
55/55																					16														
53/53																				4	16														
51/51		.4																1	1	4	6														
45/45																				1	2														
47/47																					1														
45/45																					1														
43/43																					1														
41/41																					1														
39/39																					1														
37/37																					1														
TOTAL		1.52	5.33	14.2	7.5	3.6	1.8	1.1	.4									241	252	281	261														

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel Hum	1543636	23566	73.7	12.455	281							67
Dry Bulb	1394222	19796	70.2	4.407	282			72.3	3.07	2.9		97
Wet Bulb	1177555	18138	64.5	4.929	281			32.4	4.0			93
Dew Point	1054064	17102	60.9	6.378	281			17.9	1.7			93

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

FEDERAL CLIMATOLOGY BRANCH  
 WAFB CTAC  
 AIR WEATHER SERVICE/WAC

**PSYCHROMETRIC SUMMARY**

1430 CELLA ITALY 73-87 061  
 STATION STATION NAME YEARS MONTH  
 PAGE 1 1951-2000  
 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																																
79 / 79				.7																																																	
78 / 77			.4	.1	1.1																																																
76 / 75		.7	.4	.7	.4																																																
74 / 72		2.5	3.6	3.2	.4																																																
71 / 71	1.1	3.2	4.7	4.3	.4	.7	.4																																														
69 / 69		2.2	2.2	2.2	1.4	2.2																																															
67 / 67	.4	.7	1.9	2.2	2.2	1.4	.7	.4																																													
65 / 65	.4	2.2	2.2	2.2	2.2	1.4	.7	.7	.4																																												
63 / 63		2.2	2.2	2.2	1.4	.4																																															
61 / 61			.7	3.2	.4																																																
59 / 59		.4	.7	.4																																																	
57 / 57			.4			.4																																															
55 / 55				.4																																																	
53 / 53			.4																																																		
51 / 51				.4																																																	
49 / 49																																																					
47 / 47																																																					
45 / 45																																																					
44 / 43																																																					
43 / 41																																																					
41 / 39																																																					
TOTAL	1.1	14.7	41.7	5.5	3.3	5.8	1.4	.4	.4																																												

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	1704246	21532	77.5	1.483	278	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	1353208	19062	68.4	4.014	278			51.6	13.4	3		93
Wet Bulb	1140753	17757	63.9	4.41	278			20.2	1.7			93
Dew Point	1848399	16911	60.8	6.496	278			14.7	1.7			93

GENERAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

17403 CELA ITALY 73-00 OCT  
 STATION STATION NAME YEARS MONTH  
 PART 1 2100-2300  
 HOURS (L.S.T.)

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																		
77				.4	.7	.4	.4																										15	15				
75			.4	1.1																													4	4				
73		.3	1.1	2.3																													15	15				
71		1.1	3.0	1.1																													15	15	9			
69	.4	3.0	7.1	1.1	.4	.4																											76	36	14			
67	.4	1.0	2.7	3.0	1.5	.0																											43	43	78			
65	.4	3.2	5.3	1.0	1.1	.7	.4																										36	36	79			
63		3.4	2.3	2.3	3.4	1.2	.4																										60	60	73			
61		.4	3.4	1.5	1.1	.4																											19	19	70			
59		1.1	4.1	1.1	.4																												18	18	78			
57				.4																													1	1	78			
55		.4			.4																												2	2	78			
53				.4																													1	1	7			
51		.4	.4																														2	2	3			
49			.4																														1	1	1			
47																																		4	4	7		
45																																				3	3	
43																																				4	4	
41																																				4	4	
TOTAL	1.11	7.42	11.41	10.5	4.2	1.2																											266	266	266			

Element (X)	Σ X'	Σ X	$\bar{X}$	$s_x^2$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	1600179	20476	77.3	10.987	266	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	1170909	17637	66.3	4.544	266			41.7	9.4			3
Wet Bulb	120957	16425	61.7	5.045	266			17.8				3
Dew Point	923952	15584	58.6	6.425	266			9.1				3

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





2

GLOBAL CLIMATOLOGY BRANCH  
WORLD METEOROLOGICAL STATION  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

14 30 GELA ITALY 73-83 YEARS MONTH NOV

PAGE 1 6000-0000 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			.4																																1	1				
7 67			1.1	.9	.4																														8	4				
7 65		1.3	.4	1.7																															6	6	1			
7 63		3.4	3.9	3.1	.4	.4																													24	24	3	2		
7 61	.4	7.7	3.9	3.9	.4																														45	45	19	10		
7 59	.4	4.3	2.6	2.1	.4																														37	37	25	16		
7 57	.4	6.7	4.3	3.1	1.7																														34	34	35	31		
7 55	.9	3.0	3.7	2.6	.4																														23	23	46	32		
7 53		4.7	6.7	3.4	.4																														34	34	19	47		
7 51		1.7	2.1		.4																														17	17	25	21		
7 49		.9	1.7	.9																															7	8	30	29		
7 47				.4																																1	1	5	18	
7 45																																					5	15		
7 43																																					3	13		
7 41																																					1	3		
7 39																																						1	1	
7 37																																						3	3	
7 35																																						2	2	
7 33																																								
TOTAL		7.633	7.37	5.20	2.4	4.3	.4																														233	233	233	

USAFETAC FORM 0-26.5 (O.L.A.) REPRODUCED EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	Σ X²	Σ X	Σ	σ <sub>s</sub>	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	1496205	18541	79.6	9.469	233			3.6				90
Wet Bulb	715622	12463	55.2	4.727	233							90
Dew Point	643760	12174	52.2	5.754	233							90

2

GENERAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1945 STATION UELA ITALY STATION NAME 75-87 YEARS MONTH

PAGE 1 1370-1500 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			1.7															23	27	5	3														
65				1.7														22	23	1	4														
63		3.3	3.3	1.7	.8													58	59	1	10														
61		1.7	3.9	2.1														33	34	45	17														
59		9.6	10.3	3.3	.9													27	27	45	27														
57		7.0	7.4	.8														20	23	15	33														
55		4.6	2.1	2.5	.4													15	15	22	10														
53		2.1	3.9	2.9		.4												6	5	27	13														
51		2.9	5.4	1.3														1	1	1	2														
49		2.9	2.5	.4	.9																1														
47		1.3	.4	.4																	1														
45			.4																		1														
43																					1														
41		.4																			2														
39																					1														
37																					1														
35																					1														
33																					1														
31																					1														
TOTAL		26.0	44.4	15.5	7.0	.4												239	241	241	239														

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	1553233	19149	81.1	8.944	239							93
Dry Bulb	789244	13748	57.5	4.555	241			7				93
Wet Bulb	675427	12743	53.7	4.715	239							93
Dew Point	626175	12159	50.9	5.549	239		4					93

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

CENTRAL CLIMATOLOGY BRANCH  
 WASH DC METAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1945-2011 ULLA ITALY (7-8) MONTH 12  
 STATION STATION NAME YEARS PART 1 1200-0000  
 HOURS U.S.M.

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														
67/67			.4		.4													7	7																
67/65		.3	.3	.4	.4	.4												7	7																
67/61		2.0	2.3	1.7														15	15	6	1														
67/51		2.3	3.9	1.2	.4													22	22	6															
67/55		7.8	7.5	3.0	1.7													57	57	15	4														
67/59		7.4	5.5	3.1														41	41	7	15														
67/55		5.0	3.3	3.1	.4													30	30	4	31														
67/53	.4	3.1	3.4	2.3	.4													26	26	7	15														
67/51	.4	3.1	4.3	.4														21	21	27	34														
67/49		2.7	4.3		.4													17	17	16	22														
67/47		3.1	2.7		.8													17	17	25	21														
67/45		.6	.4															3	3	15	30														
67/43																				27	17														
67/41																					15														
67/37																					1														
67/37																					1														
67/35																					1														
67/33																					1														
67/31																					1														
TOTAL	.3	3.3	3.4	1.4	1.4	1.1	4.7	.4	.4										256	256	256														

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 47 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	317983	14421	56.3	9.420	256			.4				90
Wet Bulb	726530	13654	53.1	4.688	256							90
Dew Point	656378	12064	50.3	5.684	256			.4				90

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

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U.S. AIR FORCE CLIMATE CENTER  
 OFFICE OF CLIMATE AND DATA SERVICES

# PSYCHROMETRIC SUMMARY

14830 MILANO, ITALY 1970  
 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				
75		.4	.4	.4																																7					
67			1.1	.4	1.1																														7	26	26	1			
65		.7	3.3	.4																																26	26	1			
63		1.5	5.6	1.1	1.1																															26	26	1			
61		3.2	7.7	2.6		.4																														26	26	1			
59		5.7	12.5	5.5	1.1																																26	26	1		
57		1.5	4.1	1.5	.4																															26	26	1			
55		.7	4.8	3.3	1.1	.4																															26	26	1		
53		.4	1.1	2.6	.4																																26	26	1		
51			1.1	.4																																	26	26	1		
49		.4	.4	.4																																	26	26	1		
47		.4																																			26	26	1		
45																																					26	26	1		
43	.4																																				26	26	1		
41																																						26	26	1	
39																																						26	26	1	
37																																						26	26	1	
35																																						26	26	1	
TOTAL	.4	11.5	40.2	11.0	6.6	1.5																															272	272	272		

USAFETAC FORM 0 265 (OL A) REVISOR: 03-65 (OL A)

Element (X)	$\sum X^2$	$\sum X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	152593	27621	75.4	8.431	272	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	95623	16439	60.2	4.343	272			7.3				7.3
Wet Bulb	356467	15215	55.9	4.455	272			.3				.3
Dew Point	756286	14266	52.4	5.452	272							.9



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FEDERAL CLIMATOLOGY BRANCH  
 WASHINGTON, D. C.  
 AIR CONDITIONING SERVICE/MAO

# PSYCHROMETRIC SUMMARY

1-4-50 STATION ROMA, ITALY STATION NAME YEARS MONTH

1-17  
 HOURS 11:57

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 / 73			.4																									1	1						
67 / 71			.7	.4	.4	.4				.4																									
67 / 69			1.1	.4	.7			1.1																											
67 / 67		.4	.7	1.1	1.1	.4	1.1																					12	12	1	1				
67 / 65		1.1	.4	.4	.4	1.1	1.1	.4		.4																	18	18	14	14					
64 / 63		1.1	1.1	1.1	1.1	1.1	1.1	1.1	.4	.4																	12	12	12	12					
61 / 61		1.1	1.1	1.1	1.1	1.1	.4	.7																			24	24	17	17					
59 / 59		1.1	1.1	1.1	1.1	1.1	1.1	.4	1.1	1.1																	12	12	17	17					
57 / 57		.4	.7	1.1	1.1			.7																			1	17	1	1					
53 / 55		.4	1.1	1.1	1.1			.4																			7	7	1	4					
47 / 53				.4																							1	1	1	1					
47 / 41																													1	1					
47 / 47			.7																										1	1	1	1			
47 / 45																														1	1				
47 / 43																															1	1			
47 / 41																																1	1		
47 / 39																																1	1		
47 / 37																																1	1		
47 / 35																																1	1		
47 / 31																																1	1		
47 / 29																																1	1		
47 / 27																																1	1		
TOTAL		7.9	3.5	13.7	6.1	1.6	4.7	4.7	1.6	.4																		26	26	26	26				

USAFETAC FORM 0-26-5 (G.L.A.) 1-1-40 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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	14277.1	12201	71.2	31	26							
Dry Bulb	1939.6	1712	53.7	31	26			17.4				26
Wet Bulb	1615.4	1536	53.3	31	26			1.7				26
Dew Point	7961.2	1436	54.1	31	26		1.7	3				26

1  
2  
1

GLOBAL CLIMATOLOGY BRANCH  
 WASH DC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1473200 L5 ITALY STATION NAME  
 STATION YEARS MONTH

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																						
1/29				.7																														11	11	1								
2/6		.4	1.1	.7																																	5	5	1					
2/25		1.5	2.2	.7	.7																																	7	7	1				
3/5		2.4	3.2	2.9	.7																																		7	7	1			
3/21		4.4	7.7	4.3	1.1	.7	.4																																1	1	2	13		
4/8		3.6	4.4	3.2	1.1	.4	.4																																1	1	2	13		
4/27		1.5	1.7	2.2	.7	.7	.4																																1	1	2	13		
5/14		.7	1.5	3.2			.4	.4																																1	1	2	13	
5/31		1.5	.4	1.9	.4																																			1	1	2	13	
6/11		.4	.7				.4																																		1	1	2	13
6/24		.4	.7																																						1	1	2	13
7/7																																									1	1	2	13
7/20																																									1	1	2	13
8/3																																									1	1	2	13
8/17																																									1	1	2	13
8/30																																									1	1	2	13
9/13																																									1	1	2	13
9/27																																									1	1	2	13
10/10																																									1	1	2	13
10/23																																									1	1	2	13
11/6																																									1	1	2	13
TOTAL		2.4	3.2	6.2	7.3	4.4	2.6	1.4	.4																																273	273	47	61

USAFETAC FORM 0-26.5 (OLA) REVISED EDITION OF 7-54 (44-1) (5-57)

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						+0 F	+32 F	+67 F	+73 F	+80 F	+93 F	
Rel Hum	1.22645	10.17	76.3	11.791	273							
Dry Bulb	1.23835	16753	61.3	4.990	274			4.3				
Wet Bulb	89940	15532	56.9	4.762	273			.7				
Dew Point	789465	14573	53.4	6.515	273		.7					



FEDERAL BUREAU OF SURVEY  
 METEOROLOGICAL BRANCH  
 WASHINGTON, D. C.

# PSYCHROMETRIC SUMMARY

STATION: WALLA WALLA STATION NAME: 73-87 YEARS: 1971  
 MONTH: 1971  
 PERIOD: 2100-2700  
 HOURS (L. S. T.): 7

TEMP. F.	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point					
70	1.0	2.0	1.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	10	1	1	1				
71	7.0	2.0	5.1	1.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	12	33	31	4					
72	4.7	3.0	3.0	1.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	14	30	26	10					
73	3.5	1.0	1.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5	52	27	19					
74	2.0	4.0	3.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	26	26	19	31					
75	3.0	2.0	4.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	10	22	13	41					
76	2.0	2.0	2.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	10	20	40					
77	1.0	1.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	7	7	2	21					
78	.	1.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	5	30	20					
79	1.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	5	4	11					
80	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	2	10			
81	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	2	10		
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83	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	2	10	
84	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	2	10
85	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	2	10
86	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	2	10
87	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	2	10
88	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	2	10
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90	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	2	10
91	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	2	10
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93	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	2	10
94	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	2	10
95	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	2	10
96	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	2	10
97	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	2	10
98	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	2	10
99	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	2	10
100	37.7	37.7	22.4	4.0	1.0	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	25	25	25	3		

MEAN X	$\Sigma X'$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Hum	1.20748	20134	79.2	9.561	255							7
Bulb	8.9435	15137	59.1	4.264	255							7
Bulb	7.2372	14168	55.6	4.535	255							7
Point	7123.7	13401	52.6	5.623	255							7





FEDERAL BUREAU OF SURVEY  
 CENTRAL CLIMATOLOGY BRANCH  
 METEOROLOGICAL SERVICE  
 AIR WEATHER SERVICE/FAO

# PSYCHROMETRIC SUMMARY

STATION: **LA ITALY** STATION NAME: **LA ITALY** YEARS: **1950-1950** MONTH: **03-05**  
 HOURS (L. S. T.): **0300-0500**

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
75																		1	1																
77					.4													3	2																
81		.4	1.1															7	7	1															
83		1.7	3.7	.1														11	23	6	3														
85		4.5	5.7	.2	.4													16	26	16	7														
87	.3	5.3	3.5	1.7														24	24	26	18														
89		7.4	5.8	3.3														31	35	37	17														
91		8.6	7.9	.8	.4													39	39	46	19														
93		7.7	7.1	.2	.4													31	32	43	26														
95		4.6	1.7		.4													16	16	43	27														
97	.4	5.3	8.6	.4														22	35	34	45														
99		.3	.4															3	3	23	26														
101		.4	1.7															4	4	12	27														
103																				4	16														
105																				3	6														
107																					4														
109																					3														
111																					2														
113																					1														
TOTAL	1.242	744.8	2.1	2.1														241	244	241	241														

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s^2$	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	1591446	19476	80.3	8.546	241	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	680027	12727	52.8	4.850	244							93
Wet Bulb	57779	11745	48.1	4.358	241							93
Dew Point	534413	11263	46.7	5.789	241		1.2					93

USAFETAC FORM 0-26-5 (OLA) RE-SEC. PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE. JUN 54

1  
2

FEDERAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE ZYAC

# PSYCHROMETRIC SUMMARY

104 10 01 LA ITALY STATION NAME 73-81 YEARS 01C MONTH 01C

FAA 1 0000-0300 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	
47 53						.3																													1	1		
47 50	.4	3.7	4.5	1.1	.4																													25	25	5	4	
47 57		1.2	2.8	1.5	.4																													25	25	14	4	
47 55	.4	1.6	3.0	1.7	.4																													25	30	29	5	
47 53	.4	4.9	4.5	3.0	.4																													25	35	27	3	
47 51		6.3	7.1	.4	.4																													39	39	24	22	
47 41		4.1	6.3	.4																														29	29	36	22	
47 47		3.3	3.4	.4																														27	27	46	31	
47 42		6.7	2.4	.7																														29	29	13	5	
47 43		1.5	1.1	.4																														9	9	11	31	
47 41		1.9	1.1																															9	9	9	31	
47 34																																					10	10
47 37																																					4	4
47 25																																					2	2
47 33																																					2	2
47 31																																					3	3
47 29																																					1	1
TOTAL	1.146	339	61	3	2.7																														268	268	268	268

Element (X)	$\Sigma X$	$\Sigma X^2$	$\bar{X}$	$\sigma_x$	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.	1784318	21756	61.2	8.366	269							269
Dry Bulb	736454	13984	52.2	5.147	269							269
Wet Bulb	657565	13709	49.3	4.945	269							269
Dew Point	88975	12469	46.5	5.754	268		1.4					268

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

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GLOBAL CLIMATOLOGY BRANCH  
 WASH DC  
 AIR WEATHER SERVICE/PAC

PSYCHROMETRIC SUMMARY

194531 DELA ITALY 75-82 GFC  
 STATION 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														
54/51		.7	.4	.4	.4													16	16	5	7														
52/51		2.2	2.2	.7														13	41	22	8														
50/50		4.0	5.1	2.5	1.1													47	47	53	17														
48/50		5.2	5.4	4.3	1.9	.4												47	47	53	17														
46/50		5.0	5.5	2.9	.4													41	41	70	29														
44/51		3.6	3.7	.7	.4													47	47	53	17														
42/49		.4	5.5	1.1	.4													22	23	53	17														
40/47		2.2	3.2	.4														17	17	53	17														
38/45		2.2	1.8	.4														10	10	74	29														
36/43																				17	22														
34/41																				4	27														
32/39																					0														
30/37																					4														
28/35																					1														
26/33																					1														
24/31																					1														
TOTAL	25.148	8.16	2.5.4	.7														278	278	278	93														

USAFETAC FORM 0-26-5 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
 NA 62

Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	17374.7	21235	73.6	9.000	278	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Dry Bulb	432311	15147	54.5	4.213	278							93
Wet Bulb	728497	14151	51.0	4.296	278							93
Dew Point	644204	13302	47.8	5.278	278		3					93

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1

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

144 31 UELA ITALY 73-82 JFC  
STATION MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31																			
73/ 73																												1	1							
72/ 67			.4	.4	.4	.7						.7																8	9							
67/ 55			.7		.7	1.2																						9	9							
47/ 6		1.4	3.0	4.3	1.4	1.1					.7																	36	36							
77/ 51		2.5	3.7	5.7	2.2	.7																						40	47	11	3					
77/ 49		4.3	3.6	6.8	4.7	.4	.4																					34	35	12	12					
77/ 57		3.2	3.0	6.1	2.5																							41	41	17	14					
77/ 55		1.4	1.4	5.3	2.2																							29	29	57	33					
47/ 54	.4	1.1	2.2	1.1	.4	.4	.4																					16	16	44	30					
77/ 71		.4	1.4	.7	.4			.4																				7	7	42	31					
77/ 47			.4		.4	.4																						7	7	21	31					
77/ 47		.7	.4																									7	7	13	29					
77/ 45																															4	45				
47/ 45																															1	17				
77/ 41																															1	11				
47/ 37																															2	11				
77/ 39																															1	1				
77/ 73																															1	1				
77/ 31																															1	1				
77/ 29																															1	1				
77/ 25																															1	1				
TAL	.4	14.0	33	16.2	9.4	15.1	5.4	1.1	1.4	.7																					279	279				

USAFETAC FORM 0-26-5 (OL A) 0-26-5 (OL A) RE-USE PREVIOUS EDITIONS OF THIS FORM ARE PROHIBITED

Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$s_x$	No. Obs.	Mean No. of Hours with Temperature						
						= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total
Rel. Hum.	1441349	20133	71.8	2.426	279							
Dry Bulb	98133	10539	59.1	3.985	261			5.0	.3			5.3
Wet Bulb	519316	1576	54.4	4.99	79							93
Dew Point	656524	1384	49.6	5.992	279		1.3					93

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GLOBAL CLIMATOLOGY BRANCH  
 WAFETAC  
 AIR WEATHER SERVICE/AC

**PSYCHROMETRIC SUMMARY**

104930 UELA ITALY 73-80 1500-1700  
 STATION STATION NAME YEARS MONTH 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														
67/67							.4		.4									5	7																
67/65			1.1	.4	1.2		.4		.7									10	13																
67/63		1.5	1.5	2.2	.7	1.1	.4		.6									11	21																
67/61	.4	4.4	6.2	2.2	1.5	.4	1.1											44	45	9	4														
67/59		7.7	16.8	5.8	3.3	.4												63	93	18	11														
67/57	.4	2.2	7.3	5.2	1.5	.7	.4											50	50	16	18														
67/55		.7	1.8	2.8	1.1	.7												7	27	16	33														
67/53	.4	.7	2.2	2.9	.4	.4												16	19	42	41														
67/51		.4	1.1	1.1				.6										3	7	74	36														
67/49				.7	.4													3	7	73	28														
67/47																				17	38														
67/45																				2	27														
67/43																				2	14														
67/41																				2	18														
67/39																				2	4														
67/37																				2	5														
67/35																				2	3														
67/33																				2	1														
67/31																				2	1														
67/29																				2	1														
67/27																				2	1														
67/25																				2	1														
TOTAL	1.1	17.5	38.7	24.1	7.4	4.4	2.6	.7	.7	.4								274		274															

Element (X)	$\Sigma X$	$\Sigma X^2$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel Hum.	1513615	20045	73.2	3.147	274							67
Dry Bulb	957973	16203	58.9	3.466	275			1.0				53
Wet Bulb	438224	14442	54.2	3.943	274							93
Dew Point	693024	13674	49.9	6.238	274		1.0					

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



GLOBAL CLIMATOLOGY SEARCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

14433 ROMA ITALY STATION NAME 77-87 YEARS 1977-1987 MONTH 1977-2000 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																	
17/65				.3																													1	1				
17/63		1.1	.7	1.5																													2	10				
17/61		4.	4.	.4	.7																											7	27		8			
17/59		7.7	7.7	3.3	1.5	.4	.4																									57	57	15				
17/57	.4	1.4	.6	4.3	.4	.7																										74	74	77	25			
17/55		2.9	7.4	4.3	.4																											12	42	53	25			
17/53	.4	3.3	4.0	1.5	1.5																											37	37	47	43			
17/51			3.7	2.5	.7	.4																										21	20	44	31			
17/49			1.5	.7																												7	7	11	35			
17/47		.7			.4																											3	7	11	24			
17/45			.4	.4																												2	2	14	30			
14/43																																				15		
17/41																																				14		
17/39																																				11		
17/37																																				7		
17/35																																				7		
17/33																																				7		
17/31																																				1		
17/29																																				1		
TOTAL	.7	31.3	40.1	20.6	5.5	5.5	1.5	.4																											272	273	272	272

Element (X)	$\Sigma X'$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
						= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	
Rel. Hum.	1675303	21157	77.9	6.459	272							
Dry Bulb	62144	15490	55.7	3.453	272							
Wet Bulb	768938	14420	53.0	4.059	272							
Dew Point	630386	13013	49.7	5.621	272							

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

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GENERAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/NAO

# PSYCHROMETRIC SUMMARY

DATE: 01 JUN 50 STATION: DELTA ITALY YEARS: 73-80 MONTH: JUNE  
PAGE 1 2100-2700 HOURS: 10:00-17:00

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																		
67/55																																1	2						
67/62		.3	.3																													4	4						
67/61		1.2	2.7	1.5	.4																										15	17							
67/59	.9	6.2	6.6	3.5	.4																										47	47	10	8					
67/57	.4	5.4	3.1	3.9	.7																										35	38	75	13					
67/52	.4	4.3	4.6	3.1	.7																										34	34	76	17					
67/53		7.7	6.6	3.1	.4																										40	44	78	36					
67/51	.4	3.1	5.2	1.5																												31	31	47	21				
67/49		1.9	5.4	2.3	.4																											26	28	42	27				
67/47		1.9	1.9	1.2	.4																											14	15	36	20				
67/45		.4		.7																												7	3	17	45				
67/43		.3		.4																												7	3	11	15				
67/41																																			7	23			
67/39																																				1			
67/37																																				1			
67/35																																				1			
67/33																																				4			
67/31																																				1			
67/27																																				1			
TOTAL	1.734	6.333	6.21	1.57	3.17	.87																														219	219	777	777

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

Element (X)	$\Sigma X'$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	
Rel. Hum.	1642979	20453	79.31	6.86	259							27
Dry Bulb	742339	14306	54.8	4.28	262							26
Wet Bulb	689733	13317	51.4	4.48	259							26
Dew Point	612305	12507	48.3	5.68	259		4					26

2

GENERAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/AFAC

**PSYCHROMETRIC SUMMARY**

1442 S. L. ITALY 73-02  
 STATION NAME YEARS MONTH  
 all  
 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL				
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point		
77/73																																			1	1			
77/67				.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	11	11			
77/62				.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	2	2			
77/57			.3	.4	.5	.6	.7	.8	.9	.1	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.2	.3	.4	25	25	5	5	
77/51		.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.2	.3	.4	17	17	7	7	
77/50		.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.2	.3	.4	22	22	2	2
77/47		.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.2	.3	.4	24	24	5	5
77/45		.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.2	.3	.4	24	24	5	5
77/43		.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.2	.3	.4	24	24	5	5
77/41		.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.2	.3	.4	24	24	5	5
77/38		.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.2	.3	.4	24	24	5	5
77/37		.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.2	.3	.4	24	24	5	5
77/35		.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.2	.3	.4	24	24	5	5
77/33		.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.2	.3	.4	24	24	5	5
77/31		.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.2	.3	.4	24	24	5	5
77/29		.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.2	.3	.4	24	24	5	5
77/27		.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.2	.3	.4	24	24	5	5
77/25		.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.2	.3	.4	24	24	5	5
77/23		.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.1	.2	.3	.4	24	24	5	5
TOTAL	1.0	31.4	44.1	11.9	5.6	2.7	1.7	.7	.6	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	120	120	110	110

Element (X)	Z <sub>1</sub>	Z <sub>2</sub>	F	g <sub>s</sub>	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel Hum.	12982344	16391	77.7	10.79	2110							
Dry Bulb	574293	117651	55.5	4.899	212			4.2	.4			744
Wet Bulb	5706230	109272	51.0	4.732	211							744
Dew Point	5519130	102156	48.4	5.985	2110		7.1					744

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



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U.S. AIR FORCE CLIMATE BRANCH  
 WASHINGTON, D.C.  
 METEOROLOGICAL SERVICE

# PSYCHROMETRIC SUMMARY

1943 BELMONT STATION NAME 77-67 YEARS ALL MONTH 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			
77																																							
78																																							
79																																							
80																																							
81																																							
82																																							
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99																																							
100																																							

USAFETAC FORM 04 JUL 44 0 26 5 (OL A) REVISED METEOROLOGICAL SERVICE OF THE AIR FORCE

Element Xj	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	10	15	20	25	30	0 F	32 F	67 F	73 F	80 F	93 F	
Rel. Hum.	101100000	1946425	75.811	5.59	25667							
Dry Bulb	10333213	1629769	63.2	9.377	25771			3319.7	1772.4	247.4	.7	57
Wet Bulb	10222542	155201	59.8	9.711	25667			1902.4	441.6	4.1		57
Dew Point	10538316	1418936	55.7	9.037	25667			73.1	1228.6	192.0	1.6	57

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

1949-50 GELA ITALY

73-83

PERIOD	MEAN	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	ANN AVG
1-01	MEAN	51.7	51.6	53.8	56.3	62.5	69.2	73.0	74.3	72.0	65.6	58.6	62.2
	STDEV	4.441	3.951	3.817	3.549	3.757	3.793	3.687	3.091	3.300	4.136	4.305	4.573
	TOTAL OBS	230	236	259	246	249	255	262	257	253	255	233	2983
2-01	MEAN	50.3	49.7	51.7	53.9	50.1	67.0	70.3	71.6	69.6	63.4	57.0	59.9
	STDEV	4.411	3.842	4.098	3.903	4.091	4.304	3.344	3.117	3.448	4.276	4.555	4.950
	TOTAL OBS	241	235	271	254	272	267	265	259	249	252	241	244
6-01	MEAN	49.3	49.4	51.0	53.5	60.3	67.5	71.1	70.7	68.6	62.3	58.3	59.5
	STDEV	4.622	4.258	4.326	4.240	4.353	4.420	4.024	3.293	3.624	4.556	4.694	5.140
	TOTAL OBS	271	242	279	277	286	277	283	278	274	272	256	263
7-11	MEAN	51.4	52.5	55.9	59.1	65.1	71.6	74.5	75.9	74.6	68.0	60.2	63.7
	STDEV	4.264	3.650	3.956	3.657	4.073	4.607	4.199	3.365	3.288	4.579	4.343	4.213
	TOTAL OBS	273	256	293	275	292	280	289	286	276	279	273	276
10-14	MEAN	56.5	56.4	58.6	60.6	66.1	72.2	75.3	77.2	76.2	70.6	64.1	59.1
	STDEV	4.013	3.503	3.758	3.789	3.905	4.267	4.190	3.479	3.178	4.319	4.186	3.985
	TOTAL OBS	267	257	289	270	279	269	290	286	283	283	256	280
15-17	MEAN	56.3	56.3	58.4	60.8	66.2	72.4	75.9	77.4	76.3	70.2	63.7	58.9
	STDEV	3.977	3.292	3.892	3.765	3.889	4.196	4.314	3.290	3.515	4.307	3.902	3.466
	TOTAL OBS	266	257	284	265	279	277	289	281	274	282	269	275
18-20	MEAN	54.1	54.5	57.1	59.8	65.9	72.2	75.8	76.6	74.8	68.4	61.1	56.7
	STDEV	3.864	3.114	3.416	3.504	3.699	4.185	4.449	3.388	3.350	4.014	4.090	3.453
	TOTAL OBS	273	261	291	268	289	269	280	280	282	278	274	273
21-23	MEAN	51.3	52.3	54.6	57.2	64.0	70.8	74.3	75.4	73.1	66.2	59.1	54.8
	STDEV	4.204	3.589	3.513	3.524	3.468	3.839	3.780	3.092	3.513	4.544	4.264	4.208
	TOTAL OBS	253	248	290	264	276	276	286	265	256	266	256	262
ALL HOURS	MEAN	52.7	52.9	55.2	57.7	63.8	70.4	73.7	74.9	73.2	67.0	60.1	55.5
	STDEV	4.929	4.425	4.696	4.631	4.569	4.680	4.607	4.030	4.348	5.122	5.039	4.899
	TOTAL OBS	2087	1992	2253	2119	2222	2170	2244	2192	2147	2167	2058	2120

FEDERAL CLIMATOLOGY BRANCH  
 FETAC  
 WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

1932 GELA ITALY

73-83

	AN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUA
1-7	45.4	48.5	50.6	52.7	58.0	63.6	67.6	68.7	67.0	61.6	55.2	51.4	56.0
	4.494	4.032	3.984	3.613	3.599	3.922	3.683	3.418	3.576	4.451	4.620	4.655	3.390
	233	234	259	246	248	254	261	256	253	255	233	239	2976
1-8	47.0	46.8	48.7	50.6	55.8	61.2	64.7	65.8	64.8	59.5	53.7	49.6	55.8
	4.472	3.873	3.922	3.632	3.575	3.975	3.898	3.394	3.546	4.580	4.715	4.858	3.041
	241	234	271	254	272	265	262	259	247	251	239	241	3035
1-9	46.3	46.6	48.1	50.3	55.9	61.3	64.0	64.9	64.0	59.1	53.1	49.3	55.4
	4.600	4.057	4.000	3.636	3.520	3.873	3.972	3.513	3.442	4.721	4.698	4.945	3.011
	270	240	278	277	284	276	280	278	271	272	256	268	3250
1-11	48.0	48.9	51.4	53.9	59.7	65.4	68.5	69.6	68.0	62.4	55.9	51.0	58.7
	4.122	3.593	3.636	3.374	2.853	3.554	3.494	2.910	3.289	4.648	4.455	4.296	3.567
	272	255	290	273	290	278	288	280	276	277	272	278	3329
1-14	51.2	51.0	53.4	55.4	61.3	67.4	70.5	72.0	70.3	64.3	58.2	54.0	60.9
	4.331	3.644	3.389	3.519	3.043	3.404	3.431	3.187	3.411	4.669	4.614	4.099	3.506
	267	256	289	289	278	267	288	285	281	282	255	279	3296
1-17	51.2	51.4	53.4	55.9	61.7	67.5	71.0	72.4	70.9	64.5	58.3	54.2	61.2
	4.803	3.719	3.990	3.465	3.043	3.674	3.541	3.093	3.528	4.924	4.704	3.943	3.619
	260	254	283	264	279	275	289	281	274	281	268	274	3287
1-20	50.1	50.5	52.9	55.3	61.1	67.0	70.4	71.7	70.1	63.9	56.9	53.0	60.3
	4.467	3.817	4.074	3.488	3.109	3.706	3.578	3.410	3.635	4.641	4.762	4.059	3.749
	271	261	290	265	288	268	281	279	282	278	273	272	3327
1-23	48.4	48.8	51.0	53.3	59.3	65.2	69.1	70.2	68.2	61.7	55.6	51.4	58.6
	4.481	3.826	3.723	3.625	3.205	3.994	3.591	3.562	3.869	5.045	4.530	4.408	3.787
	256	247	290	243	276	274	286	264	253	266	255	259	3189
1-25	49.3	49.1	51.2	53.4	59.1	64.8	68.3	69.4	68.0	62.2	55.9	51.8	56.6
	4.761	4.191	4.351	4.027	3.914	4.467	4.423	4.220	4.263	5.116	4.956	4.738	3.711
	2072	1981	2250	2111	2215	2157	2234	2182	2137	2162	2151	2110	25669

MAC (GELA)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

1945-83 OLA ITALY

73-83

PERIOD	MEAN	AN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1-02	MEAN	45.0	45.5	47.6	49.6	54.6	59.7	64.2	65.4	64.0	58.7	52.2	48.5	54.8
	STDEV	5.694	5.110	5.382	4.709	4.852	5.864	5.990	5.315	4.898	5.690	5.754	5.703	9.071
	TOTAL OBS	239	234	259	246	248	254	261	256	253	255	233	239	2976
3-05	MEAN	43.7	43.6	45.8	47.6	52.4	57.1	61.1	62.2	61.9	56.5	50.9	46.7	52.6
	STDEV	5.648	4.951	4.970	4.503	4.402	5.300	5.768	5.362	4.707	5.707	5.648	5.789	8.557
	TOTAL OBS	241	234	271	254	272	265	262	259	247	251	239	241	3035
7-09	MEAN	43.2	43.6	45.2	47.5	52.2	56.8	60.0	61.2	61.0	56.4	50.3	46.5	52.1
	STDEV	5.864	4.983	4.981	4.494	4.269	5.359	5.801	5.390	4.492	5.730	5.584	5.754	8.410
	TOTAL OBS	270	290	278	277	284	276	280	278	271	272	256	266	3250
9-11	MEAN	44.5	45.2	47.2	49.4	55.6	61.6	65.2	66.1	64.3	58.5	52.4	47.8	54.9
	STDEV	5.041	4.673	5.241	4.770	4.213	5.328	4.671	4.130	4.697	5.863	5.452	5.278	9.203
	TOTAL OBS	272	255	290	273	290	278	286	280	276	277	272	278	3329
10-14	MEAN	46.1	45.8	48.6	51.0	57.9	64.6	68.0	69.4	67.2	60.1	53.5	49.6	57.0
	STDEV	6.493	6.097	6.279	5.284	4.288	4.436	3.867	3.847	4.778	6.512	6.525	5.992	10.096
	TOTAL OBS	267	256	289	269	278	257	288	285	281	282	255	279	3296
15-17	MEAN	46.1	46.6	48.8	51.8	58.5	64.7	68.5	69.9	68.0	60.9	54.1	49.9	57.5
	STDEV	7.290	6.064	6.347	4.976	4.107	4.968	4.297	3.779	4.590	6.270	7.008	6.238	10.238
	TOTAL OBS	265	254	283	264	279	275	289	281	274	281	268	274	3287
18-27	MEAN	46.0	46.6	49.7	51.6	57.7	63.8	67.6	69.1	67.6	60.8	53.4	49.7	57.0
	STDEV	6.507	5.791	6.333	5.163	4.929	5.758	5.235	4.927	4.937	6.496	6.515	5.621	10.040
	TOTAL OBS	271	261	290	265	288	268	280	279	282	278	273	272	3307
21-23	MEAN	44.9	45.4	47.7	49.8	55.3	61.6	66.1	67.3	65.5	58.5	52.6	48.3	55.4
	STDEV	6.038	5.249	5.379	4.935	4.831	6.418	5.332	5.255	5.060	6.425	5.628	5.688	9.711
	TOTAL OBS	259	247	290	263	276	274	286	264	253	266	255	259	3189
ALL HOURS	MEAN	45.0	45.3	47.5	49.8	55.6	61.3	65.2	66.4	65.0	58.9	52.5	48.4	55.2
	STDEV	6.192	5.499	5.792	5.099	5.025	6.196	5.929	5.671	5.360	6.390	6.159	5.885	9.637
	TOTAL OBS	2673	1981	2250	2111	2215	2157	2234	2182	2137	2162	2.51	2112	25669





GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

164530 STATION GELA ITALY STATION NAME 74-83 PERIOD FEB 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%		
FEB	00-02	100.0	100.0	100.0	100.0	100.0	97.9	88.5	45.3	10.7	79.3	234
	03-05	100.0	100.0	100.0	100.0	99.6	95.7	87.2	47.0	11.1	79.9	234
	06-08	100.0	100.0	100.0	100.0	99.2	94.6	88.8	52.1	11.3	80.6	240
	09-11	100.0	100.0	100.0	100.0	99.2	95.3	81.2	71.4	6.3	76.7	255
	12-14	100.0	100.0	100.0	78.4	91.0	73.0	49.2	17.6	3.1	68.7	256
	15-17	100.0	100.0	100.0	97.0	92.9	80.7	56.3	25.2	5.1	71.3	254
	18-20	100.0	100.0	100.0	100.0	96.6	89.7	69.7	35.6	6.9	75.4	261
	21-23	100.0	100.0	100.0	100.0	100.0	94.7	60.2	43.3	9.7	78.0	247
TOTALS		100.0	100.0	100.0	99.5	97.3	90.2	75.1	37.2	9.7	76.3	1981

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

**RELATIVE HUMIDITY**

164530 BELLA ITALY 74-63 MAR  
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%		
MAR	01-02	100.0	100.0	100.0	99.6	98.1	93.4	68.7	48.6	15.8	31.0	259
	03-05	100.0	100.0	100.0	99.6	98.9	96.3	87.8	55.0	14.7	37.9	271
	06-08	100.0	100.0	100.0	99.6	98.7	95.7	88.8	55.8	13.3	30.8	279
	09-11	100.0	100.0	99.7	99.3	96.6	89.7	65.9	24.1	1.4	73.1	290
	12-14	100.0	99.7	99.3	96.9	93.4	79.9	58.8	21.5	2.1	77.6	289
	15-17	100.0	100.0	98.6	96.1	92.9	84.8	64.0	25.4	3.2	71.8	283
	18-20	100.0	100.0	99.7	98.3	94.5	87.6	73.4	37.2	6.2	75.2	290
	21-23	100.0	100.0	100.0	99.7	96.6	91.7	82.8	42.8	9.3	79.1	290
TOTALS		100.0	100.0	99.6	98.6	96.2	89.9	76.2	38.8	9.2	76.3	2250

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

184530 STATION DELA ITALY STATION NAME 74-83 PERIOD APR MONTH MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	100.0	100.0	100.0	95.5	85.7	43.9	11.2	79.7	246
	03-05	100.0	100.0	100.0	100.0	99.6	95.7	87.8	45.7	10.2	79.5	254
	06-08	100.0	100.0	100.0	100.0	99.6	95.7	88.1	48.7	11.2	80.4	277
	09-11	100.0	100.0	100.0	99.3	97.9	91.0	57.5	18.3	2.2	77.8	273
	12-14	100.0	100.0	99.6	97.4	93.7	91.4	64.7	20.4	1.9	71.7	269
	15-17	100.0	100.0	100.0	98.9	93.9	84.5	67.4	22.7	3.0	73.1	264
	18-20	100.0	100.0	99.6	98.1	96.2	89.8	77.9	32.5	4.9	75.0	265
	21-23	100.0	100.0	100.0	98.9	97.3	93.9	80.2	38.8	2.7	76.8	263
TOTALS		100.0	100.0	99.9	99.1	96.9	89.7	75.2	33.9	5.9	75.8	2111

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

104530 BELLA ITALY 74-03 4AY  
 STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	100.0	100.0	97.2	97.9	74.2	39.9	5.2	76.2	248
	03-05	100.0	100.0	100.0	100.0	98.2	93.1	74.3	38.2	5.5	76.4	272
	06-08	100.0	100.0	100.0	99.6	97.2	90.5	71.5	32.7	5.3	75.3	294
	09-11	100.0	100.0	99.3	97.9	93.1	83.8	63.8	26.9	2.9	72.4	290
	12-14	100.0	100.0	99.3	97.8	96.4	89.9	76.6	38.5	4.0	75.9	278
	15-17	100.0	100.0	99.3	98.9	97.1	93.9	79.9	41.2	2.5	76.6	279
	18-20	100.0	100.0	99.7	96.9	93.9	89.6	74.3	45.1	4.2	76.1	298
	21-23	100.0	100.0	100.0	98.9	95.7	84.8	72.5	42.0	5.4	75.8	276
	TOTALS		100.0	100.0	99.7	98.8	96.1	88.8	73.4	38.1	4.4	75.6





GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## RELATIVE HUMIDITY

164532 STATION GELA ITALY STATION NAME 73-82 PERIOD AUG MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	98.7	94.5	84.8	66.3	39.9	5.5	74.8	256
	03-05	100.0	100.0	100.0	97.7	92.7	85.3	64.1	34.4	3.5	73.3	259
	06-08	100.0	100.0	100.0	98.9	93.9	83.5	62.9	32.4	4.7	72.8	278
	09-11	100.0	100.0	100.0	98.9	95.4	87.9	62.5	28.4	1.1	72.1	280
	12-14	100.0	100.0	100.0	99.6	99.3	96.5	81.1	35.3	1.1	77.0	285
	15-17	100.0	100.0	100.0	100.0	99.6	95.4	82.2	41.6	1.1	77.9	281
	18-20	100.0	99.6	99.6	98.2	97.1	91.8	82.1	50.9	8.2	78.3	279
	21-23	100.0	100.0	99.6	98.5	96.2	88.6	78.7	48.1	5.7	76.9	264
TOTALS		100.0	100.0	99.9	98.7	96.1	89.2	72.5	37.9	3.9	75.4	2182





GENERAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

## RELATIVE HUMIDITY

154430  
 STATION

GELA ITALY  
 STATION NAME

77-22

PERIOD

001  
 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%		
001	00-02	100.0	100.0	100.0	100.0	98.4	94.5	80.2	49.0	9.6	71.6	255
	03-05	100.0	100.0	100.0	99.6	99.7	95.6	82.7	45.0	9.3	71.6	251
	06-08	100.0	100.0	100.0	99.6	98.9	96.7	85.3	52.2	7.4	71.9	272
	09-11	100.0	100.0	100.0	100.0	99.7	96.6	90.3	19.1	1.3	72.2	277
	12-14	100.0	100.0	100.0	97.2	94.7	80.1	56.7	18.8	7.1	70.2	292
	15-17	100.0	100.0	99.6	98.2	94.7	86.5	67.6	71.0	2.5	77.0	251
	18-20	100.0	100.0	100.0	99.3	97.8	91.4	77.7	48.2	8.6	77.5	274
	21-23	100.0	100.0	100.0	100.0	99.1	89.8	75.4	40.2	6.4	77.0	256
TOTALS		100.0	100.0	100.0	99.2	97.3	90.2	73.0	37.3	6.3	75.9	267

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

1-4531  
 STATION

CELA ITALY

STATION NAME

77-8

PERIOD

01

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					
01-02	100.0	100.0	100.0	100.0	99.1	94.3	85.3	77.0	69.0	61.0	54.0	47.0	41.0	35.0	233
03-05	100.0	100.0	100.0	100.0	99.2	97.5	97.5	87.5	81.2	75.0	69.0	64.0	59.0	54.0	274
06-08	100.0	100.0	100.0	100.0	99.2	96.9	97.5	87.5	83.1	77.5	71.5	66.0	61.0	56.0	258
09-11	100.0	100.0	100.0	100.0	99.7	95.9	93.7	85.9	78.7	75.9	71.5	68.0	64.0	60.0	272
12-14	100.0	100.0	99.5	97.6	94.1	88.5	81.4	75.3	70.3	65.0	60.0	55.0	50.0	45.0	255
15-17	100.0	100.0	99.5	96.3	92.5	84.0	76.3	75.4	75.4	71.5	68.0	64.0	60.0	56.0	260
18-22	100.0	100.0	100.0	98.9	95.7	90.8	87.3	85.3	81.3	76.3	71.7	68.0	64.0	60.0	271
21-23	100.0	100.0	100.0	100.0	99.2	96.1	97.5	87.5	87.1	83.5	79.0	75.0	71.0	67.0	259
TOTALS		100.0	100.0	99.9	99.1	97.4	91.6	87.5	87.4	83.7	79.5	76.0	72.0	68.0	2711

METEOLOGICAL BRANCH  
 AIR SERVICE 7440

RELATIVE HUMIDITY

CELA ITALY

STATION NAME

77-111

PERIOD

1954

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

HOURS LAST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
	10	20	30	40	50	60	70	80	90		
10-10	100.0	100.0	100.0	100.0	92.6	95.8	85.8	3.6	0.0	70.1	273
10-11	100.0	100.0	100.0	100.0	93.6	96.3	89.8	12.7	0.1	70.1	281
10-12	100.0	100.0	100.0	100.0	92.7	97.3	82.9	55.7	7.5	70.1	26
10-13	100.0	100.0	100.0	100.0	95.2	96.6	87.1	45.0	0.9	70.1	273
10-14	100.0	100.0	99.6	97.1	95.7	81.2	67.6	23.7	0.9	71.8	27
10-15	100.0	100.0	92.6	87.1	93.1	83.9	67.0	36.1	0.3	71.8	274
10-16	100.0	100.0	100.0	99.0	95.7	93.4	79.1	42.6	5.5	77.8	27
10-17	100.0	100.0	100.0	100.0	93.7	96.1	81.1	49.7	7.3	77.8	27
TOTALS	100.0	100.0	99.9	99.2	98.1	92.6	89.7	43.9	5.2	77.8	21

**8-AD 578**

**GELA ITALY REVISED UNIFORM SUMMARY OF SURFACE WEATHER  
OBSERVATIONS (RUSSW.. (U) AIR FORCE ENVIRONMENTAL  
TECHNICAL APPLICATIONS CENTER SCOTT A... 03 NOV 83  
USAFETAC/DS-83/048 SBI-AD-E850 501**

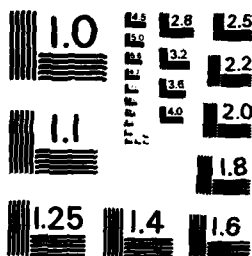
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MICROCOPY RESOLUTION TEST CHART  
NATIONAL BUREAU OF STANDARDS - 1963 - A

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**RELATIVE HUMIDITY**

164530  
STATION

GELA ITALY  
STATION NAME

73-83  
PERIOD

ALL  
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%		
JAN	ALL	100.0	100.0	99.9	99.0	96.7	90.2	74.3	35.6	6.3	75.7	2079
FEB		100.0	100.0	100.0	99.5	97.3	90.2	75.1	37.2	8.0	76.3	1981
MAR		100.0	100.0	99.6	98.6	96.2	89.9	76.2	38.8	8.2	76.3	2250
APR		100.0	100.0	99.9	99.1	96.8	89.7	75.2	33.9	5.8	75.8	2111
MAY		100.0	100.0	99.7	98.8	96.1	88.8	73.4	38.1	4.4	75.6	2215
JUN		100.0	100.0	99.5	97.8	93.6	84.7	66.1	37.5	4.1	73.9	2157
JUL		100.0	100.0	99.6	98.4	94.7	88.4	71.8	42.1	5.2	75.6	2234
AUG		100.0	100.0	99.9	98.7	96.1	89.2	72.5	37.9	3.9	75.4	2182
SEP		100.0	100.0	99.9	99.5	97.6	92.3	73.5	36.3	3.8	75.8	2137
OCT		100.0	100.0	100.0	99.2	97.3	90.2	73.0	37.3	5.8	75.9	2162
NOV		100.0	100.0	99.9	99.1	97.4	91.6	77.5	37.4	5.7	76.6	2051
DEC		100.0	100.0	99.9	99.2	98.0	92.9	79.7	43.9	6.0	77.8	2110
TOTALS		100.0	100.0	99.8	98.9	96.5	89.8	74.0	38.0	5.6	75.9	25669

U S AIR FORCE  
 ENVIRONMENTAL TECHNICAL  
 APPLICATIONS CENTER

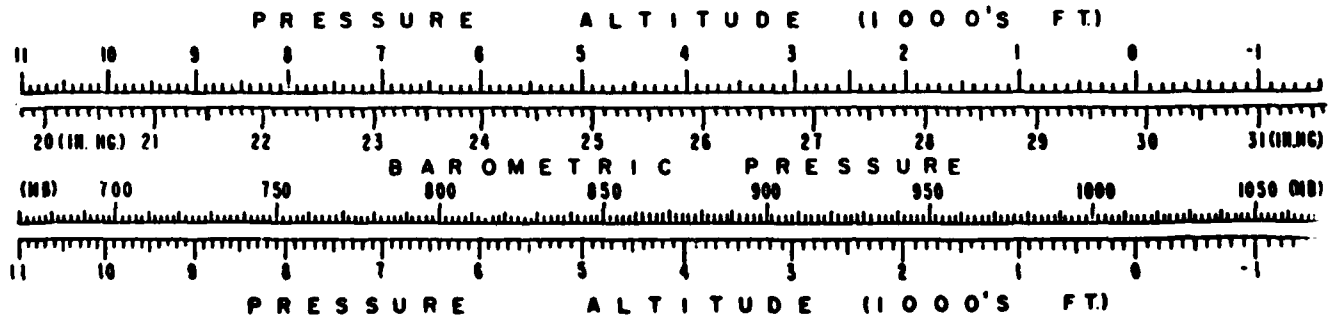
PART F PRESSURE SUMMARY

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.  
 McJAR 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. DATA NOT AVAILABLE
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.





GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

164530 GELA ITALY

73-83

STATION	STATION NAME	YEARS												
HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01		MEAN 1018.11	016.6	015.8	013.8	014.9	015.2	014.8	015.1	016.9	015.9	018.1	017.0	1016.0
		S D 7.117	7.504	6.435	5.147	3.654	2.812	2.564	2.738	3.385	5.328	7.239	6.764	5.478
		TOTAL OBS 237	236	260	246	249	253	261	257	252	256	234	239	2980
04		MEAN 1017.8	016.0	014.7	012.8	014.1	014.8	014.3	014.7	016.5	015.5	018.0	016.6	1015.4
		S D 7.108	7.697	6.710	5.210	3.739	2.782	2.551	2.720	3.355	5.528	7.182	7.291	5.637
		TOTAL OBS 238	233	270	253	271	267	264	261	247	251	242	244	3041
07		MEAN 1017.9	015.9	015.1	013.3	014.5	015.0	014.6	014.9	016.8	015.7	017.8	016.6	1015.7
		S D 7.357	7.781	6.777	5.263	3.860	2.792	2.643	2.810	3.310	5.468	7.316	7.410	5.686
		TOTAL OBS 272	241	281	276	285	277	280	278	272	269	256	266	3253
10		MEAN 1018.8	016.4	015.6	013.8	014.9	015.2	015.0	015.4	017.6	016.4	018.5	017.4	1016.2
		S D 7.357	7.976	6.968	5.335	3.816	2.891	2.587	2.798	3.374	5.397	7.207	7.481	5.776
		TOTAL OBS 269	255	290	271	291	280	289	287	273	279	273	275	3327
13		MEAN 1018.3	016.1	015.3	013.5	014.8	015.3	015.0	015.2	017.3	015.9	017.7	016.5	1015.9
		S D 7.106	7.682	6.865	5.322	3.925	2.905	2.652	2.764	3.376	5.422	7.281	7.328	5.665
		TOTAL OBS 264	257	289	266	279	268	288	284	280	281	256	281	3293
16		MEAN 1017.6	015.3	014.5	012.6	014.1	014.1	014.7	014.2	016.4	015.2	017.2	015.9	1015.2
		S D 7.347	7.470	6.726	5.231	3.731	2.914	2.724	2.835	3.466	5.288	7.117	7.345	5.630
		TOTAL OBS 264	256	282	266	281	276	289	279	276	280	267	275	3291
19		MEAN 1017.7	015.6	014.6	012.6	014.0	014.3	014.3	014.2	016.4	015.5	017.7	016.6	1015.2
		S D 7.452	7.473	6.671	5.140	3.773	2.971	2.770	2.911	3.366	5.213	7.032	6.825	5.633
		TOTAL OBS 271	259	290	267	288	270	279	279	274	278	274	273	3306
22		MEAN 1018.2	016.5	015.4	013.6	014.9	015.2	014.7	015.0	017.1	016.2	018.1	016.9	1016.0
		S D 6.910	7.623	6.620	5.201	3.582	2.912	2.640	2.773	3.353	5.414	7.325	7.015	5.566
		TOTAL OBS 258	248	289	265	275	277	283	265	256	265	256	261	3198
ALL HOURS		MEAN 1018.1	016.0	015.1	013.3	014.5	015.0	014.6	014.9	016.9	015.8	017.9	016.7	1015.7
		S D 7.224	7.651	6.731	5.247	3.775	2.887	2.670	2.816	3.393	5.386	7.207	7.194	5.648
		TOTAL OBS 2073	1985	2251	2110	2219	2168	2233	2190	2134	2154	2058	2114	25689

END

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