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ATLANTIC CITY, NEW JERSEY, REVISED UNIFORM SUMMARY OF SURFACE W--ETC (U)
NOV 81

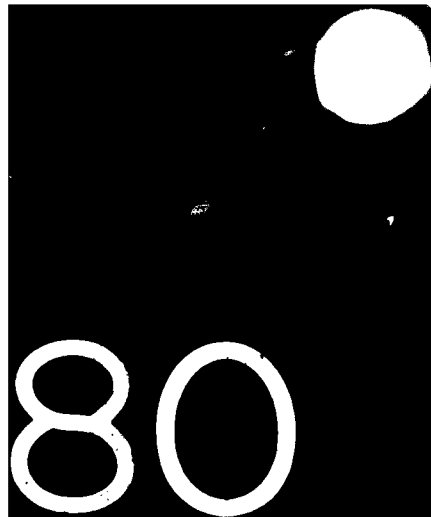
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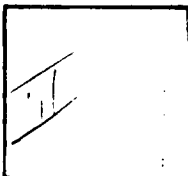


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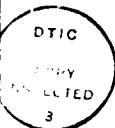
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USAFETAC/DS-81/102

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

ATLANTIC CITY NJ
39 27 W 74 34 FLD ELEV 87 FT ACY NEAD #93730
WMO #72407

PARTS A-F
FOR FROM HOURLY OBS: JUN 73 - MAY 81
FOR FROM DAILY OBS: FEB 45 - MAR 46, JUN 46 - MAY 81
TIME CONVERSION GMT TO LST: -5

NOV 23 1981

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Review and Approval Statement

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This technical report has been reviewed and is approved for publication.

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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1 REPORT NUMBER USAFETAC/DS- 81/102	2 GOVT ACCESSION NO. AD-A113 180	3 RECIPIENT'S CATALOG NUMBER
4 TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Atlantic City, New Jersey		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 23 Nov 81
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17 DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		
18 SUPPLEMENTARY NOTES Supersedes Rept. no. USAFETAC/DS-81/002, AD-A095 327.		
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 Atlantic City, New Jersey. It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)		

DD FORM 1 JAN 73 1473

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

* New Jersey

* Atlantic City, New Jersey

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.
Period of Record from Hourly OBS: Jun 73 - May 81
Period of Record from Daily OBS: Jeb 45 - Mar 46, Jun 46 - May 81

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U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those records or records-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. (Includes the records-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Each section is a brief description of the data comprising each part of the revised uniform summary of surface weather observations and the manner of presentation. Summaries are prepared from hourly and daily observations recorded by stations operated by the U.S. Air Force and some foreign stations using similar reporting practices.

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

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

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

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

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

MISSING HOUR GROUPS

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

JANUARY _____

APRIL _____

JULY _____

OCTOBER _____

FEBRUARY _____

MAY _____

AUGUST _____

NOVEMBER _____

MARCH _____

JUNE _____

SEPTEMBER _____

DECEMBER _____

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WMO NUMBER
93730	ATLANTIC CITY NAPEC POMONA APT NJ	N 39 27	W 074 34	67	ACY	72407

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	WT. BARO.	
1	Atlantic City N. J.	NAS	Feb 45	Aug 46	N 39 27	W 074 35	80	67 ft	24
2	Same	Same	Sep 46	Apr 47	Same	Same	Same	Same	18
3	Same	Same	May 47	Jun 58	Same	Same	Same	Same	24
4	Atlantic City Pomona Apt N. J.	NWS	Jul 58	Dec 64	Same	W 074 34	67	Same	24
5	Same	Same	Jan 65	24 Oct68	Same	Same	Same	Same	24
6	Same	Same	25 Oct68	Jun 72	Same	Same	Same	118 ft	24
7	Same	Same	Jul 72	Jun 81	Same	Same	Same	Same	24

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	Feb 45 to Dec 49	Located on roof of Operations Bldg	Anemometer	N/A	58 ft	
2	Jan 50 to Apr 54	Located on top of Control Tower.	AN/UMQ-5A	RD-108B	68 ft	
3	May 54 to Jun 58	Same	Same	Same	Same	
4	Jul 58 to 10 Aug 58	Same	F420C	Easterline Angus	73 ft	
5	11 Aug 58 to Jan 62	Same	Same	F312	Same	
6	Feb 62 to Jun 81	Located on the field	Same	Same	20 ft	

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

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

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

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

77 ATLANTIC CITY NJ 74-81 JAN
 STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
	3-22		.2	.1	4.3		13.4	14.1	1.9			15.7	744
	4-21		9.7	.4	4.7		14.0	15.1	1.2			16.3	747
	5-21		9.0	.5	4.2		13.7	18.6	2.3			20.7	743
	6-11		8.9	.4	5.1		14.2	17.7	2.7			17.9	744
	7-14		8.9	.5	5.2		15.1	14.1	3.4			17.2	744
	8-17		10.3	.1	4.3		14.7	13.3	3.6	.1		17.5	744
	9-2	.1	10.3	.4	4.0		14.7	11.8	2.8			16.4	744
	1-23		7.5	.4	4.7		12.5	12.1	2.0			14.2	744
TOTALS		.5	9.3	.4	4.7		14.0	14.6	2.6	.1		16.4	5957

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

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FEDERAL BUREAU OF INVESTIGATION
 U.S. DEPARTMENT OF JUSTICE
 WEATHER SERVICE/ATAC

WEATHER CONDITIONS

STATION ATLANTIC CITY NC STATION NAME ATLANTIC CITY NC YEARS 1948-51 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.
12	0-23		6.6	1.0	4.9		12.1	12.2	2.1	.4		14.7	679
	01-05		7.9	1.3	2.5		12.1	13.6	.9	.3		14.8	677
	06-10		7.8	.9	3.4		11.7	17.4	1.3	.3		16.8	677
	11-15		6.3	.4	4.7		11.8	14.9	2.1	1.2		17.9	677
	16-20		6.6		5.6		12.1	12.4	1.7	.2		14.0	678
	21-25		7.4		3.7		12.6	11.5	2.8	.6		15.9	677
	26-31	.1	6.7	.6	3.8		13.1	9.6	3.5	.9		13.7	679
	1-23	.1	6.6	.3	6.2		15.0	12.8	2.2	.7		15.9	679
TOTALS		.2	7.4	.5	4.4		12.1	13.1	2.1	.7		15.5	5419

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NATIONAL CLIMATOLOGY BRANCH
WASHINGTON, D.C.
METEOROLOGICAL SERVICE CENTER

WEATHER CONDITIONS

STATION ATLANTIC CITY NS STATION NAME 74-81 YEARS 56 MONTH 12

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
1-02		.1	7.7	.4	2.3		11.5	9.5	1.2			13.3	744
2-02		.1	9.3	.3	.9		11.5	13.3	1.5			11.4	744
3-02		.1	11.3		1.5		12.5	15.1	4.5			15.7	744
4-02		.1	11.5		2.4		13.3	12.0	3.2			15.0	744
5-02		.1	12.1		2.2		14.5	10.9	3.7		.1	15.0	744
6-02			10.8		2.5		12.6	12.2	4.4			15.3	744
7-02		.1	10.2		2.6		12.2	12.5	3.2			15.7	744
8-02		.1	9.3	.4	3.1		11.5	11.6	1.6			15.2	744
TOTALS		.1	10.4	.4	2.2		12.3	11.5	.3		.1	14.0	5122

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UNITED STATES DEPARTMENT OF COMMERCE
NAVY
NAVY WEATHER SERVICE

WEATHER CONDITIONS

STATION

ATLANTIC CITY, N.J.

74-81

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
	0-02	.7	3.6		.0		6.9	10.7	1.3			11.9	720
	1-04	.1	7.9		.3		9.1	12.4	2.1			14.3	720
	2-06	.4	10.1		.1		10.3	16.7	2.7			19.8	720
	3-11		6.8		.3		9.0	10.0	3.3			12.6	720
	4-14		1.9				10.0	8.8	5.7			14.5	720
	5-17	.4	11.3		.2		11.3	11.7	3.0			15.6	720
	6-19		8.5		.4		8.7	11.7	4.8			14.9	720
	7-23	.7	11.3				10.6	12.1	3.3			14.7	720
TOTALS		.3	7.5		.3		9.7	11.6	3.4			14.1	6760

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WEATHER CONDITIONS

FEDERAL BUREAU OF INVESTIGATION
 NATIONAL METEOROLOGICAL SERVICE
 AIR WEATHER SERVICE/MAO

73
 STATION

ATLANTIC CITY NJ
 STATION NAME

74-01
 YEARS

MAY
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
	10-02	.7	9.1				9.1	23.9	4.1			27.1	744
	1-5	.4	7.6				8.6	11.1	5.2			34.3	740
	1-08	.4	10.9				10.9	28.5	7.4			34.3	744
	1-11	.1	10.5				10.5	15.7	10.0			24.9	744
	10-14	.1	9.4				9.4	9.3	11.7			7.3	744
	15-17	.7	7.7				7.7	9.1	12.6			7.0	744
	18-21	1.3	10.2				10.2	13.1	10.9			24.0	740
	1-23	1.2	9.2				9.2	21.1	8.2			27.1	741
TOTALS		.5	9.7				9.5	19.2	8.9			21.7	5946

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FEDERAL BUREAU OF SURVEY
U.S. DEPARTMENT OF COMMERCE
U.S. COAST AND GEODETIC SURVEY

WEATHER CONDITIONS

STATION ATLANTIC CITY, NJ STATION NAME 75-83 YEARS 30 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.
	10-12	1.7	6.5				6.5	11.4	1.6			2.4	720
	1-11	.6	6.4				6.4	35.5	10.4			13.3	719
	2-11		5.5				5.5	25.4	15.7			47.1	720
	3-11	.1	7.5				7.5	9.6	16.7			24.4	719
	4-14	.4	6.9				6.4	5.6	16.9			31.9	720
	5-17	1.5	7.5				7.5	6.3	16.4			22.7	719
	6-2	2.1	6.7				6.7	8.8	16.9			27.1	719
	7-23	3.5	7.5				7.5	13.9	14.7			27.1	720
TOTALS		1.2	6.5				6.5	16.4	15.1			17.0	5758

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

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 METEOROLOGICAL SERVICE/MAC

WEATHER CONDITIONS

STATION ATLANTIC CITY NC STATION NAME 73-81 YEARS JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	0-06	2.0	4.6				4.0	21.0	26.0			41.0	744
	6-12	.7	4.7				4.7	34.9	26.6			40.5	744
	12-18	.3	4.0				4.0	21.9	32.0			53.0	744
	09-11	.0	4.0				4.0	7.7	32.0			37.1	744
	12-14	1.2	4.0				4.0	3.0	33.1			35.0	744
	15-17	1.2	5.7				5.7	3.6	36.6			40.0	743
	18-20	2.4	5.4				5.4	7.9	36.6			41.4	744
	1-23	1.6	5.6				5.6	12.1	32.1			39.1	744
TOTALS		1.4	5.0				5.0	15.4	32.0			40.3	5951

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

W. CLINTON TOLSON, DIRECTOR
 FEDERAL BUREAU OF INVESTIGATION
 U. S. DEPARTMENT OF JUSTICE

WEATHER CONDITIONS

73 STATION ATLANTIC CITY, NJ STATION NAME 73-87 YEARS 4 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.
	0-01	2.2	6.7				6.7	22.6	26.3			37.6	744
	3-05	1.6	5.4				5.4	34.1	21.5			41.6	744
	06-07	.7	6.3				6.3	39.5	33.6			55.7	744
	08-11	.7	4.4				4.4	6.6	34.4			39.9	744
	12-14	1.2	4.3				4.3	3.0	32.7			31.1	744
	15-17	3.1	4.6				4.6	5.1	35.5			37.2	743
	18-20	3.9	7.7				7.7	5.6	35.4			38.4	747
	21-23	2.7	5.0				5.0	12.0	27.9			34.9	743
TOTALS		20.0	56.5				56.5	15.9	30.3			41.1	5449

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FEDERAL BUREAU OF INVESTIGATION
 DEPARTMENT OF JUSTICE
 AIRCRAFT SERVICE/MAC

WEATHER CONDITIONS

STATION ATLANTIC CITY NJ STATION NAME 73-87 YEARS SEP MONTH SEP

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.
	10-22	.8	7.8				7.8	15.7	9.4			22.6	720
	7-21	.1	7.6				7.6	27.4	9.6			31.9	720
	6-18	.3	7.0				6.8	12.1	15.1			40.2	720
	4-11		4.9				4.9	9.8	14.7			31.1	720
	12-14	.1	5.4				5.4	6.7	11.3			17.5	720
	15-17	.7	5.4				5.4	6.0	12.2			17.7	720
	14-20	1.5	5.9				5.9	4.8	15.7			27.1	720
	1-23	.8	5.9				5.9	11.3	13.1			20.9	720
TOTALS		.5	7.0				7.0	14.0	12.6			24.5	5760

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

42 METEOROLOGICAL BRANCH
 U.S. DEPARTMENT OF COMMERCE
 NATIONAL METEOROLOGICAL SERVICE/FAO

WEATHER CONDITIONS

11
 STATION

ATLANTIC CITY NC
 STATION NAME

73-81
 YEARS

06
 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.
	00-01	.1	9.3				9.3	15.6	1.9			17.3	744
	02-03	.1	12.0				12.0	16.7	2.1			18.2	744
	04-05	.3	12.0				12.0	23.3	4.0			31.3	744
	06-07		1.2				11.2	12.4	6.0			17.3	744
	08-09		6.5		.3		6.5	5.9	2.4			9.1	744
	10-11	.1	9.1				9.1	6.7	3.5			18.3	744
	12-13	.1	5.7				5.7	9.0	4.7			12.9	744
	14-15	.1	6.5				6.5	10.1	2.0			15.2	743
	16-17												
	18-19												
	20-21												
	22-23												
	24-25												
	26-27												
	28-29												
	30-31												
TOTALS		.1	9.5		.3		9.5	13.9	3.2			14.7	5951

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

FEDERAL CLIMATOLOGY BRANCH
 WFO/TAC
 METEOROLOGICAL SERVICE/MAC

WEATHER CONDITIONS

73 STATION ATLANTIC CITY NU STATION NAME 73-81 YEARS NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
NOV	0-0		10.7		.5		11.1	16.7	1.7			17.8	720
	1-01		8.3		.5		9.6	16.5	1.1			17.8	720
	2-02		7.5		.6		9.9	23.5	3.3			25.7	720
	3-11		10.4		.7		10.0	16.1	4.0			18.0	720
	12-14		11.4		.1	.1	10.4	10.6	4.2			14.0	720
	15-17		9.6		.1		9.7	10.6	5.3			14.4	720
	18-20	.1	7.4		.1		9.4	13.5	2.6			15.7	720
	1-23		10.4		.7		11.8	16.9	3.3			19.0	720
TOTALS		.1	10.4		.4	.1	10.1	15.7	2.2			14.1	576

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

WEATHER CONDITIONS

U.S. DEPARTMENT OF COMMERCE
 NATIONAL METEOROLOGICAL SERVICE

STATION ATLANTIC CITY, NJ STATION NAME ATLANTIC CITY 73-67 YEARS DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
	0-6		5.7	.1	2.6		12.0	1.7	.2			1.0	744
	7-13		5.7	.7	2.2		10.7	3.7	.5			.3	744
	14-20		11.2	.5	2.2		12.9	12.8	2.2			14.5	744
	21-27		10.7	.5	.9		11.8	12.8	2.1			13.2	744
	12-14		9.7	.1	.5		9.7	8.7	2.6			10.7	744
	15-17		9.3	.4	1.5		11.1	10.5	3.2			17.0	744
	18-24		11.3	.4	2.7		12.9	9.8	2.3			12.2	744
	25-31		11.6	.4	2.3		14.1	10.1	1.8			11.2	744
TOTALS			11.1	.4	1.3		11.3	10.4	2.3			13.1	5752

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

FEDERAL CLIMATOLOGY BRANCH
 METAC
 WEATHER SERVICE/MAC

WEATHER CONDITIONS

STATION ATLANTIC CITY, NJ STATION NAME 73-51 YEARS ALL MONTH ALL

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.
	ALL	.7	5.3	.4	4.7		14.0	14.0	2.4	.7		10.9	5950
		.6	5.4	.6	4.4		12.1	13.1	2.7	.7		14.5	5415
		.1	10.4	.1	2.2		12.3	11.5	3.3		.0	14.9	5952
		.3	5.5		.3		9.7	11.8	3.4			14.8	5760
		.6	5.5				9.5	15.2	4.8			21.7	5945
		1.2	5.1				6.9	16.4	15.0			11.0	5798
JUN		1.4	5.2				5.0	15.4	32.0			12.3	5951
		1.0	5.5				5.5	15.9	30.0			41.1	5949
		.8	7.7				7.0	14.6	12.6			24.5	5760
		.1	5.7		.3		9.5	13.9	3.2			17.7	5951
NOV		.0	5.0		.4	.0	10.1	15.7	3.2			15.1	5760
DEC			10.0	.4	1.8		12.0	10.4	2.0			17.2	5751
TOTALS		.5	5.3	.1	1.2	.0	9.5	14.4	9.9	.1	.0	22.8	70107

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

PART A

ATMOSPHERIC PHENOMENA

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

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

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

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than $\frac{5}{8}$ mile.

NATIONAL CLIMATOLOGY BRANCH
 WAF TAC
 AIR WEATHER SERVICE/MAC

XX WEATHER CONDITIONS
 XXXXXXXXXXXXXXXXXXXXXXXXXXXX
 ATMOSPHERIC PHENOMENA

STATION ATLANTIC CITY NJ STATION NAME 45-81 YEARS ALL MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
 FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	.5	34.2	2.2	21.6	.2	47.3	37.9	28.3	2.2		57.7	1115
FEB		1.2	36.6	2.3	23.3	.1	46.8	39.3	29.1	1.9		51.5	1044
MAR		3.5	43.1	.4	14.6	.2	49.5	42.5	29.1	1.5		53.1	1145
APR		6.9	47.6	.2	2.5	.6	48.1	43.9	28.3			52.5	1080
MAY		11.5	50.1		.1	.4	50.1	51.7	37.5			61.6	1116
JUN		15.4	42.3			.2	42.3	58.9	53.9			71.5	1065
JUL		18.5	41.2			.2	41.2	62.4	65.8			77.1	1115
AUG		17.1	39.1				39.1	65.6	64.6			78.3	1115
SEP		6.0	36.9				36.9	55.2	46.2			55.0	1080
OCT		2.7	34.4		.5		34.4	50.3	35.3			58.5	1116
NOV		1.4	40.5	.1	3.9	.1	42.3	42.3	30.2	.1		51.3	1079
DEC		.7	38.7	1.3	14.3		46.4	38.8	30.7	1.1	.1	52.7	1115
TOTALS		7.1	40.3	.5	6.7	.2	43.8	49.1	39.9	.6	.0	60.5	10176

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	"00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)
3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

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

- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945 at 0800LST
Jan 46-May 57 at 1230GMT
Jun 57-present at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52 at 0030GMT
Jul 52-May 57 at 1230GMT
Jun 57-present at 1200GMT

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
 PRECIPITATION
 (FROM DAILY OBSERVATIONS)

97730 ATLANTIC CITY NJ 45-81
 STATION STATION NAME YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	53.7	12.0	1.9	5.8	4.9	9.3	6.7	4.0	2.3					35.0	1116	3.46	7.71	.26
FEB	51.8	14.1	2.9	6.4	4.5	6.5	5.6	6.4	1.7	.1				34.1	1043	3.22	5.98	.69
MAR	50.4	14.9	3.0	6.6	5.2	5.2	6.3	5.2	3.1	.1				34.7	1143	3.77	6.80	.62
APR	51.5	13.8	3.4	6.2	3.8	8.3	5.8	4.9	2.2	.1				34.7	1078	3.28	7.05	.64
MAY	49.5	17.7	3.0	7.4	4.4	6.2	4.7	4.7	2.2	.3				32.9	1116	3.35	1.51	.52
JUN	57.4	14.0	3.7	6.2	3.1	4.9	4.2	4.6	2.0					28.6	1065	2.65	6.36	.10
JUL	58.6	12.9	2.6	5.4	2.0	5.4	5.1	4.7	2.7	.6	.1			28.5	1116	4.05	13.09	1.30
AUG	60.4	11.4	1.3	4.6	3.6	5.2	4.9	4.4	3.1	1.0	.1			28.2	1116	4.64	11.98	.44
SEP	63.1	12.5	2.0	5.2	3.9	4.3	3.5	2.7	2.4	.5				24.4	1080	2.78	6.27	.41
OCT	65.6	11.0	1.7	5.1	2.5	4.4	3.6	2.8	3.2	.1				23.4	1116	2.94	6.78	.15
NOV	57.3	11.9	2.4	5.6	3.2	6.3	4.5	5.4	3.0	.4				30.8	1080	3.68	9.65	.68
DEC	53.7	15.3	2.7	4.7	4.0	6.0	4.7	6.4	2.6					31.1	1114	3.53	7.33	.62
ANNUAL	56.7	13.5	2.5	5.8	3.8	6.0	5.0	4.7	2.5	.3	.0			30.5	13183	41.39		

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

93730 STATION ATLANTIC CITY NJ STATION NAME 45-21 YEARS

24 HOUR AMOUNTS IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
45		1.11	.28	.56	.83	.38	1.04	.86	.89	.52	1.08	.98	
46	.37	.34	1.76			.70	1.11	.64	.55	.71	.34	.38	
47	1.00*	.34*	.61*	.58	.85	.63	1.12	1.37	.37	.43	.87*	1.10	1.37
48	2.28	.40*	.76	1.26	2.95	1.08	.88	4.97	.72	1.74	1.50	1.43	4.97
49	1.56	1.19	1.03	.89	.80	.11	.83	4.15	.56	1.65	1.55	.53	4.15
50	.60	.86	.82	.53	.57	.70	.44	1.12	1.75	.79	3.43	.75	3.43
51	.84	1.31	1.47	.81	1.37	1.42	1.29	.32	2.40	1.26	1.93	1.82	2.40
52	.90	.90	1.01	3.36	1.39	.51	1.18	3.21	.82	.34	1.95	1.75	3.36
53	1.48	1.95	1.76	.95	1.54	1.05	2.06	3.92	.35	1.76	2.12	1.84	3.92
54	.50	.88	.71	1.61	.75	.06	1.07	2.20	2.94	.83	1.86	1.41	2.94
55	.18	.89	.68	.64	.28	2.42	1.49	2.18	.47	2.50	.70	.58	2.50
56	.41	.83	1.13	.61	.54	1.00	2.97	.99	.87	2.56	1.01	1.00	2.97
57	.59	.62	1.91	1.54	.27	.63	.82	.55	1.03	.85	.86*	1.27	1.91
58	1.62	2.35	1.32	.99	.90*	.50	3.63	4.33	2.37	2.49	1.04	1.28	4.33
59	.42	.69	1.10	.94	4.15	.76	6.46	1.17	.92	1.43	2.83	.97	6.46
60	.91	1.88	1.78	.69	.64	.33	2.31	.65	3.06	1.18	.69	1.02	3.06
61	1.89	1.08	1.67	1.43	.94	1.16	1.24	.59	1.59	1.36	1.03	.94	1.89
62	2.47	1.03	2.22	1.34	.91	1.11	.47	2.81	1.86	.68	1.37	1.35	2.81
63	.71	1.26	1.07	.90	1.94	1.52	1.46	.83	1.91	.10	1.93	.90	1.94
64	1.74	.81	1.60	1.79	1.29	.54	2.04	1.00	1.76	.94	.64	1.12	2.04
65	1.09	1.10	1.06	.51	.82	.26	1.47	.72	.50	.64	.32	.62	1.47
66	.98	2.58	.23	.64	.83	1.28	1.01	6.40	2.63	2.03	.76	1.41	6.40
67	.76	.75	1.45	1.12	2.41	1.02	.71	4.96	.55	1.64	.86	1.37	4.96
68	2.17	.82	1.68	1.13	2.10	1.21	.73	1.47	.19	1.12	.78	1.50	2.17
69	.88	.93	1.17	1.24	1.26	.47	4.60	.69	1.10	1.32	1.33	1.70	4.60
70	.32	.84	.62	1.15	.52	1.55	1.10	1.21	.36	1.12	1.80	1.46	1.80
71	1.05	1.90	.40	.44	.78	.50	1.32	3.07	2.58	1.69	1.62	1.46	3.07
72	.77	1.04	1.17	1.05	.75	1.76	1.55	.28	1.06	1.84	2.85	1.17	2.85
73	.88	2.17	1.19	1.11	.74	1.09	.97	.59	3.86	1.90	.56	1.79	3.86
74	.65	.91	1.40	.71	1.15	1.25	.80	1.89	.72	1.69	.50	1.90	1.90
MEAN													
S D													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

93730
STATION

ATLANTIC CITY NJ
STATION NAME

45-91

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
75	1.17	.83	.95	1.25	1.95	1.84	1.27	2.55	1.30	.53	.96	1.05	2.55
76	1.22	1.00	.50	.37	1.47	.59	.80	2.46	1.03	2.20	.51	1.30	2.46
77	2.34	.78	1.50	.93	.25	1.00	.62	1.80	1.06	1.37	2.01	.86	2.34
78	1.66	.74	1.42	.65	3.21	.81	3.83	1.17	1.04	.48	.83	1.01	3.83
79	1.29	2.15	2.66	.70	.71	.93	4.44	1.06	1.17	.89	1.17	.60	4.44
80	.61	.40	1.07	1.84	.79	1.17	1.26	1.24	1.22	.85	1.12	.31	1.84
81	.31	.84	.69	1.35	1.52								
MEAN	1.073	1.116	1.191	1.058	1.227	.938	1.678	1.928	1.321	1.262	1.295	1.164	3.147
S. D	.620	.562	.534	.552	.860	.513	1.345	1.539	.894	.650	.736	.436	1.276
TOTAL OBS	1116	1043	1143	1078	1116	1065	1116	1116	1080	1116	1080	1114	13183

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES
 XXXXXXXXXXXXXXXXXXXXXXX
 MONTHLY PRECIPITATION

FROM DAILY OBSERVATIONS

93730 ATLANTIC CITY NJ
 STATION STATION NAME

45-81

YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
45		2.53	.62	1.24	1.85	1.98	4.55	3.99	1.83	1.25	3.83	4.10	
46	2.04	1.46	3.29			2.59	1.56	2.81	1.21	.92	.72	.71	
47	3.62*	.69*	1.20*	2.11	3.48	1.64	3.68	2.18	.99	.70	3.43*	2.31	*26.03
48	7.71	2.49*	3.45	3.00	11.51	4.81	3.86	11.02	1.09	3.32	6.97	6.57	*65.80
49	6.18	4.93	3.04	2.43	3.08	.28	2.36	8.93	1.86	3.66	2.27	2.32	41.34
50	2.01	3.46	3.57	1.76	3.08	2.91	1.89	1.76	4.32	1.54	5.59	3.22	35.11
51	2.27	2.85	3.74	2.17	3.50	5.73	3.28	1.36	3.75	3.26	5.04	5.53	42.48
52	5.59	2.06	5.65	7.95	6.63	1.57	3.65	7.31	1.36	.60	6.05	4.66	53.08
53	5.41	4.05	6.80	4.69	7.89	3.08	3.17	5.29	.46	3.27	5.84	3.79	53.74
54	1.76	1.49	3.04	3.40	2.82	.10	2.73	4.67	4.53	1.64	4.72	4.24	35.14
55	.26	2.94	3.76	2.24	.74	4.42	1.79	5.52	1.25	4.64	1.93	.62	30.11
56	1.97	4.12	4.02	2.18	2.50	4.92	6.33	4.10	3.30	6.78	3.25	4.00	47.47
57	2.86	3.06	4.01	5.31	.40	2.73	1.30	2.00	3.00	1.73	4.18*	5.69	*36.27
58	4.67	5.98	5.44	4.19	4.38*	.52	10.92	9.48	3.71	6.11	2.71	2.64	*60.75
59	1.59	1.86	3.84	3.33	5.03	1.29	13.09	3.57	1.48	4.37	5.15	3.15	47.75
60	2.69	5.71	3.67	2.34	2.21	.77	5.84	2.36	4.03	3.08	1.74	3.46	37.90
61	4.06	4.52	6.36	3.12	3.17	3.00	3.40	1.73	3.36	4.73	2.83	3.38	43.66
62	4.21	3.47	5.42	3.50	1.77	4.20	1.72	5.29	3.09	2.04	4.88	3.84	43.43
63	2.94	2.50	5.21	1.39	2.95	3.07	2.60	2.93	4.35	.15	6.46	2.35	36.90
64	6.35	4.32	2.80	7.59	1.46	.84	2.79	1.63	5.91	2.67	1.18	3.47	41.01
65	3.58	2.44	3.75	2.00	2.59	1.24	2.61	2.40	1.60	1.18	.79	1.09	25.27
66	3.45	5.17	.70	2.58	3.17	1.87	2.59	9.04	6.27	3.73	1.91	4.81	45.29
67	1.16	3.24	3.78	2.76	3.68	1.37	4.19	11.98	1.50	2.86	1.72	5.57	43.81
68	2.77	1.69	4.99	1.50	5.55	2.86	1.75	2.20	.43	2.73	3.10	3.89	33.46
69	1.68	2.38	3.19	3.55	1.68	1.42	12.64	2.56	1.65	2.09	4.28	7.33	44.45
70	1.50	3.08	3.11	4.66	1.81	6.36	2.83	2.70	.41	3.73	5.73	3.04	38.96
71	2.67	5.26	1.64	1.29	1.88	.69	3.65	10.40	4.39	4.20	5.02	2.08	43.17
72	2.93	4.31	3.59	4.62	3.51	4.82	2.81	.44	3.66	5.11	9.65	3.63	49.08
73	3.26	3.63	3.08	4.39	3.08	4.32	3.28	2.05	4.73	2.74	1.43	5.48	41.47
74	3.47	2.40	4.62	2.66	2.61	2.52	1.99	5.50	2.95	1.90	1.08	4.76	36.46
MEAN													
S. D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

~~EXTREME VALUES~~
 MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

93730 STATION ATLANTIC CITY NJ STATION NAME 45-81 YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
75	5.94	3.08	3.84	3.90	5.44	3.86	6.02	5.01	5.16	1.76	3.76	2.53	50.30
76	4.52	2.70	1.39	.84	3.61	.97	2.23	4.70	3.06	6.60	.68	2.52	33.82
77	3.45	1.41	3.42	2.13	.64	1.53	2.79	6.49	2.97	4.19	4.75	4.69	38.46
78	5.70	1.11	5.17	1.53	6.71	3.00	5.77	6.82	1.51	1.21	2.96	3.52	45.01
79	7.13	5.76	3.62	2.98	2.80	3.15	7.63	4.11	3.32	2.19	3.23	2.19	48.11
80	2.63	.82	6.38	5.40	1.61	3.58	2.47	2.63	1.74	3.20	3.63	.75	34.84
81	.56	3.72	1.41	6.20	3.18								
MEAN	3.461	3.222	3.770	3.281	3.389	2.671	4.049	4.638	2.784	2.941	3.680	3.527	41.369
S. D	1.842	1.378	1.504	1.727	2.193	1.595	2.905	3.011	1.578	1.669	2.038	1.585	6.714
TOTAL OBS	1116	1043	1143	1078	1116	1065	1116	1116	1080	1116	1080	1114	13183

NOTE * (BASED ON LESS THAN FULL MONTHS)

2
 GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
 SNOWFALL
 (FROM DAILY OBSERVATIONS)

93730

ATLANTIC CITY NJ

45-81

STATION

STATION NAME

YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	78.9	10.9	3.0	3.3	1.9	.7	.4	.4	.3	.1				10.2	1116	5.1	15.9	.0
FEB	78.2	10.8	3.9	3.6	1.3	.4	.6	.7	.4	.2	.1			11.1	1040	5.7	35.2	.0
MAR	86.0	9.3	2.1	1.0	.7	.3	.2	.3	.2	.1				4.7	1146	2.5	17.6	.0
APR	97.8	1.8	.1	.1	.2	.1								.5	1080	.2	3.2	.0
MAY	99.9	.1													1116	TRACE	TRACE	.0
JUN	100.0														1065	.0	.0	.0
JUL	100.0														1116	.0	.0	.0
AUG	100.0														1116	.0	.0	.0
SEP	100.0														1080	.0	.0	.0
OCT	99.5	.5													1116	TRACE	TRACE	.0
NOV	96.1	3.1	.3	.2	.2	.1			.1					.8	1080	.5	7.8	.0
DEC	86.1	8.7	2.2	1.6	.4	.2	.2	.5						5.2	1115	2.2	10.4	.0
ANNUAL	93.9	3.8	1.0	.8	.4	.1	.1	.2	.1	.0	.0			2.7	13186	16.2		

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNO#FALL

(FROM DAILY OBSERVATIONS)

93730
 STATION

ATLANTIC CITY NJ
 STATION NAME

45-81

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS	
45		3.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.7	6.0		
46	4.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1		
47	.0*	TRACE	.1	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.1	
48	5.0	4.0*	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.5	5.0	
49	.5	3.5	.5	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	3.5	
50	1.0	TRACE	.2	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	1.0	
51	1.0	.8	.1	.0	.0	.0	.0	.0	.0	.0	TRACE	5.0	5.0	
52	.1	TRACE	.8	.0	.0	.0	.0	.0	.0	.0	1.6	TRACE	1.6	
53	1.8	2.3	7.0	.0	.0	.0	.0	.0	.0	.0	3.2	TRACE	7.0	
54	5.0	TRACE	1.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.1	5.0	
55	.5	4.5	.9	.0	.0	.0	.0	.0	.0	.0	.4	.1	4.5	
56	2.6	.5	6.0	2.4	.0	.0	.0	.0	.0	.0	TRACE	TRACE	6.0	
57	4.0	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE*	2.1	4.0
58	7.4	9.0	5.0	TRACE	.0*	.0	.0	.0	.0	.0	.0	2.8	9.0	
59	2.5	TRACE	TRACE	1.8	.0	.0	.0	.0	.0	.0	TRACE	1.2	2.5	
60	.4	2.2	9.2	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.0	6.2	9.2
61	8.0	4.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.6	8.0	
62	5.3	2.4	3.6	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	3.6	5.3
63	1.9	.2	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	6.0	6.0	
64	12.9	5.3	2.4	TRACE	.0	.0	.0	.0	.0	.0	TRACE	1.0	12.9	
65	5.0	1.5	1.6	3.2	.0	.0	.0	.0	.0	.0	.0	.0	5.0	
66	5.3	3.6	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	6.4	6.4	
67	.9	11.1	.8	TRACE	.0	.0	.0	.0	.0	.0	.0	7.8	2.1	11.1
68	.5	2.5	1.7	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	4.3	4.3
69	.5	5.1	11.5	.0	.0	.0	.0	.0	.0	.0	TRACE	.3	11.5	
70	3.4	2.6	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.2	3.4	
71	3.0	1.7	.9	TRACE	.0	.0	.0	.0	.0	.0	.0	.1	3.0	
72	2.2	2.4	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE	2.4
73	.0	.4	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.1	TRACE	.4
74	.4	8.3	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.2	TRACE	8.3	
MEAN														
S. D.														
TOTAL OBS														

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

97730
 STATION

ATLANTIC CITY NJ
 STATION NAME

45-81

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
75	1.7	1.0	2.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.6	2.0
76	1.6	.7	3.2	.0	.0	.0	.0	.0	.0	.0	TRACE	2.4	3.2
77	2.9	.5	.0	.0	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	2.9
78	1.2	11.5	4.0	TRACE	.0	.0	.0	.0	.0	.0	1.2	TRACE	11.5
79	7.3	16.6	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.0	4.6	16.6
80	4.1	.5	1.6	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	.1	4.1
81	1.8	.0	TRACE	.0	.0								
MEAN	2.94	3.14	1.79	.21	TRACE	.00	.00	.00	.00	TRACE	.42	1.58	5.79
S. D.	2.808	3.827	2.794	.711	.000	.000	.000	.000	.000	.000	1.408	2.200	3.870
TOTAL OBS	1116	1040	1146	1080	1116	1065	1116	1116	1080	1116	1080	1115	13186

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES
 MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

93730 STATION ATLANTIC CITY NJ 45-81 YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
45		5.2	TRACE	.0	.0	.0	.0	.0	.0	.0	.7	10.4	
46	4.0	2.0	.0			.0	.0	.0	.0	.0	.0	.1	
47	.0	*TRACE	.1	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	* .1
48	8.6	9.1	*TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.2	* 18.9
49	.6	3.9	.5	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	5.0
50	1.0	TRACE	.6	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	1.6
51	1.2	1.9	.1	.0	.0	.0	.0	.0	.0	.0	TRACE	5.1	8.3
52	.2	TRACE	1.2	.0	.0	.0	.0	.0	.0	.0	1.6	TRACE	3.0
53	2.8	2.3	7.0	.0	.0	.0	.0	.0	.0	.0	5.2	TRACE	17.3
54	8.4	TRACE	1.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.1	9.5
55	.8	6.7	.9	.0	.0	.0	.0	.0	.0	.0	.4	.2	9.0
56	4.8	.5	12.7	2.9	.0	.0	.0	.0	.0	.0	TRACE	TRACE	20.9
57	8.2	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE*	3.4	* 11.6
58	8.4	19.0	5.3	TRACE	.0*	.0	.0	.0	.0	.0	.0	5.1	* 37.8
59	2.7	TRACE	TRACE	2.0	.0	.0	.0	.0	.0	.0	TRACE	1.5	6.2
60	.6	3.6	13.4	TRACE	.0	.0	.0	.0	.0	TRACE	.0	8.6	26.2
61	15.9	7.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	1.0	24.7
62	7.1	4.6	3.9	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	5.1	20.7
63	4.4	.3	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	7.6	12.3
64	15.1	12.0	3.4	TRACE	.0	.0	.0	.0	.0	.0	TRACE	1.0	31.5
65	8.2	3.3	2.8	3.2	.0	.0	.0	.0	.0	.0	.0	.0	17.5
66	15.1	8.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	8.5	31.6
67	1.1	35.2	2.1	TRACE	.0	.0	.0	.0	.0	.0	.0	3.9	50.1
68	.8	4.2	1.8	.0	.0	.0	.0	.0	.0	.0	TRACE	4.3	11.1
69	.5	7.0	17.6	.0	.0	.0	.0	.0	.0	.0	TRACE	.6	25.7
70	10.3	5.9	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	1.4	17.6
71	7.2	1.9	.9	TRACE	.0	.0	.0	.0	.0	.0	.0	.1	10.1
72	2.9	5.9	TRACE	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE	8.8
73	.0	.4	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.1	.5
74	.4	9.9	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.2	10.5
MEAN													
S. D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES
 MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

93730 STATION ATLANTIC CITY NJ STATION NAME

45-81 YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
75	3.3	1.6	2.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.8	7.7
76	4.9	1.0	3.3	.0	.0	.0	.0	.0	.0	.0	TRACE	4.0	13.2
77	7.8	.5	.0	.0	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	8.3
78	2.4	14.6	8.1	TRACE	.0	.0	.0	.0	.0	.0	1.2	TRACE	26.3
79	14.2	27.7	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.0	4.8	46.7
80	6.3	.8	2.6	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	.1	9.8
81	3.2	.0	TRACE	.0	.0								
MEAN	5.09	5.74	2.54	.23	TRACE	.00	.00	.00	.00	TRACE	.48	2.16	16.39
S.D	4.701	7.803	4.241	.771	.000	.000	.000	.000	.000	.000	1.553	3.014	12.219
TOTAL OBS	1116	1040	1146	1080	1116	1065	1116	1116	1080	1116	1080	1115	13186

NOTE * (BASED ON LESS THAN FULL MONTHS)

2
 GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
 SNOW DEPTH
 (FROM DAILY OBSERVATIONS)

93730 ATLANTIC CITY NJ 45-81
 STATION STATION NAME YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	76.3	9.6	5.6	2.6	1.0	3.3	1.6							14.2	1116			
FEB	75.5	9.0	4.3	3.1	1.1	4.2	2.2	.6						15.5	1045			
MAR	90.3	4.6	1.4	1.6	.5	1.0	.5							5.1	1146			
APR	99.4	.5	.1	.1										.2	1080			
MAY	100.0														1116			
JUN	100.0														1065			
JUL	100.0														1116			
AUG	100.0														1116			
SEP	100.0														1080			
OCT	100.0														1116			
NOV	99.7	.8	.2											.2	1080			
DEC	88.6	6.4	1.5	.6	1.3	1.5	.1							5.0	1116			
ANNUAL	94.1	2.6	1.1	.7	.3	.8	.4	.0						3.3	13192			

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

93730 STATION ATLANTIC CITY NJ STATION NAME 45-81 YEARS

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
45		3	0	0	0	0	0	0	0	0	TRACE	6	
46	4	2	0								0	0	
47	0	10	0	0	0	0	0	0	0	0	0	TRACE	10
48	7	5*	0	0	0	0	0	0	0	0	0	TRACE	7
49	TRACE	4	TRACE	0	0	0	0	0	0	0	0	0	4
50	1	TRACE	0	0	0	0	0	0	0	0	TRACE	0	1
51	0	1	0	0	0	0	0	0	0	0	TRACE	TRACE	1
52	TRACE	0	7	0	0	0	0	0	0	0	TRACE	TRACE	7
53	1	2	4	0	0	0	0	0	0	0	1	TRACE	4
54	7	TRACE	0	TRACE	0	0	0	0	0	0	0	TRACE	7
55	1	4	TRACE	0	0	0	0	0	0	0	TRACE	0	4
56	3	10	9	TRACE	0	0	0	0	0	0	0	TRACE	10
57	2	TRACE	TRACE	TRACE	0	0	0	0	0	0	TRACE	2	2
58	7	9	5	0	0*	0	0	0	0	0	0	4	9
59	1	0	TRACE	1	0	0	0	0	0	0	0	TRACE	1
60	0	1	7	0	0	0	0	0	0	0	0	7	7
61	10	5	TRACE	0	0	0	0	0	0	0	0	TRACE	10
62	6	2	2	0	0	0	0	0	0	0	0	TRACE	6
63	2	1	0	0	0	0	0	0	0	0	0	3	3
64	8	5	2	0	0	0	0	0	0	0	0	1	8
65	6	1	1	2	0	0	0	0	0	0	0	0	6
66	9	11	0	0	0	0	0	0	0	0	0	6	11
67	1	17	TRACE	0	0	0	0	0	0	0	0	6	17
68	1	1	4	0	0	0	0	0	0	0	0	4	4
69	TRACE	2	11	0	0	0	0	0	0	0	0	TRACE	11
70	5	2	0	0	0	0	0	0	0	0	0	TRACE	5
71	3	1	TRACE	0	0	0	0	0	0	0	0	TRACE	3
72	3	2	0	TRACE	0	0	0	0	0	0	0	0	3
73	0	TRACE	0	0	0	0	0	0	0	0	0	TRACE	TRACE
74	TRACE	8	0	0	0	0	0	0	0	0	TRACE	0	8
MEAN													
S. D.													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

92730
 STATION

ATLANTIC CITY NJ
 STATION NAME

45-81

YEARS

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
75	2	TRACE	TPACE	0	0	0	0	0	0	0	0	1	2
76	2	TRACE	3	0	0	0	0	0	0	0	0	3	3
77	3	0	0	0	0	0	0	0	0	0	0	0	3
78	1	13	2	0	0	0	0	0	0	0	1	0	13
79	7	23	0	0	0	0	0	0	0	0	0	4	23
80	4	1	3	0	0	0	0	0	0	0	0	TRACE	4
81	1	0	TRACE	0	0								
MEAN	3.0	3.9	1.7	.1	.0	.0	.0	.0	.0	.0	.1	1.3	6.3
S D	2.957	5.333	2.869	.368	.000	.000	.000	.000	.000	.000	.232	2.189	4.998
TOTAL OBS	1116	1045	1146	1080	1116	1065	1116	1116	1080	1116	1080	1116	13192

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

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

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

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

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

93730 STATION ATLANTIC CITY NJ STATION NAME 45-81 YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH YEAR	JAN.	FEB	MAR.	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
45		NW 48W	43WNW	57NW	59SW	65SW	41W	34ENE	45S	43SSW	54NW	50	
46	NW	45W	60WNW	52		N	54S	38N	32NW	41WNW	47W	44W	59
47	WNW	52WNW	56W	60SSW	48S	40	S	27N	24WSW	38NNW	34NW	49NW	42
48	NNW	46NW	*46SSW	46NW	58NW	43NW	45SSW	51NW	34NNW	41N	52S	43NNW	48 NW 58
49	WNW	*45WNW	*50NW	*49	NW	35W	*31SW	36WSW	35NW	29NE	33NW	*38NW	36
50	NW	44NW	*42W	46NNW	36W	32WSW	*30WSW	36MSW	30MNW	29W	38ESE	60NW	38 ESE 60
51	W	50NW	47ENE	46SW	41ENE	34W	40WNW	35NE	31WNW	30SSW	34SW	45NW	51 NW 51
52	NW	50NW	56SSE	61WSW	39W	52WSW	44SSE	30S	39SSE	48NW	52NNW	42NW	39 SSE 61
53	NNW	*46W	53NW	51NW	48N	50SW	48W	38NNE	47S	37NW	44NW	58WNW	52 NW 58
54	NNW	52WNW	44SSE	51NW	49WNW	39WNW	45NNW	58NW	55NW	53S	67NW	58ENE	42 S 67
55	NW	56NW	48WNW	55NW	43WNW	39NNE	40S	37S	55N	33WNW	58WNW	51NW	46 WNW 58
56	NW	57WNW	60WNW	50WNW	48NNW	44SSE	30S	33N	40MNW	52NE	34SSW	48WNW	42 WNW 60
57	NW	47WNW	40NW	42NW	48WSW	33WNW	54NNW	33WNW	39N	33ENE	48S	44N	48 WNW 54
58	NNW	45N	51NW	45ENE	48N	38W	*38	W	*33N	28N	35SSE	45W	40
59	WNW	50NW	45W	50S	42NE	36NW	40N	36NE	30N	29SE	50NW	38W	49 WNW 50
60	S	45W	56E	48W	44W	31W	35ENE	48E	28MNW	72W	46SW	37N	62 WNW 72
61	NW	47E	52E	49E	47NW	33W	45SE	22W	24NW	60N	39NW	43WNW	51 NW 60
62	NW	44W	37E	50S	43W	32SW	32W	45NW	29NE	32W	34SW	44NW	56 NW 56
63	W	46NE	43W	46W	47E	28E	33S	38WNW	39S	35NW	41E	50NW	33 E 50
64	E	47E	50W	50SW	50W	37NW	43SW	30W	29W	30NW	31W	37NW	41 E 50
65	W	42SW	49NW	41NW	46E	29E	38NW	31NW	34S	44S	40NW	45NW	36 SW 49
66	W	52S	46W	46E	41NE	38W	38NW	51SW	39E	32NW	35SW	38NW	41 W 52
67	W	37W	46NW	35N	35E	37S	25SW	32NW	27NE	39S	40NW	40E	40 W 46
68	W	42W	49NW	49NW	39E	36N	27S	57NW	26S	25W	29NE	60W	50 NE 60
69	NW	45W	51NW	37SW	45S	38S	35S	38W	26N	27NW	36NW	35NW	47 W 51
70	NW	35S	40NE	42S	58NW	33W	50W	42NSW	35SW	39NW	32S	34NW	42 S 58
71	W	68S	47W	52NE	52W	36W	39W	36SE	47SE	30E	35E	52NW	41 W 68
72	W	46SE	51S	43S	32NE	40W	43S	25SW	24NW	27NW	35W	45NW	45 SE 51
73	S	37S	48W	59NE	43NW	44NW	36N	35SSW	25NE	36SE	43W	46NE	43 W 59
74	SW	40S	53W	48NW	36SW	48NE	33W	42E	31W	40NW	29W	38NE	55 NE 55
MEAN													
S.D.													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-3 (OLA) S (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

93730 STATION ATLANTIC CITY NJ STATION NAME

45-81 YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS		
75	NW	47SW	39E	38NW	53NW	33S	30N	34N	34NW	27S	24W	27NW	32	NW	53
76	W	38WNW	50S	38S	35S	36S	26W	24NW	42E	30S	49W	35SE	44	WNW	50
77	NW	49W	48W	51W	41W	43NW	32S	33W	42N	30NW	48E	53W	48	E	53
78	S	60NW	40S	49NW	39E	37NW	30NW	33W	25SW	23W	31NW	28W	47	S	60
79	S	44NW	38SE	35W	43S	35NW	30S	31NW	37S	44W	29W	44NW	34	S	44
80	S	35NW	30NW	39SE	34SW	27W	42NW	30NW	42SW	24ESE	39NW	35W	39	W	42
81	NW	33SE	40W	34W	46N	28									
MEAN	46.3	47.4	46.6	44.4	37.6	39.0	36.7	34.6	36.4	39.8	44.1	44.7	55.0		
S. D.	7.362	6.769	6.813	6.670	6.934	9.071	8.493	8.272	10.651	9.148	8.399	7.135	7.061		
TOTAL OBS	1106	1031	1132	1044	1109	1022	1077	1104	1073	1111	1072	1108	12989		

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA) JUL 64 (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

2

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIF WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 93730 STATION NAME ATLANTIC CITY NJ YEARS 74-81 MONTH JAN
 CLASS ALL WEATHER HOURS (L.S.T.) 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	.8	3.8	3.8	1.3								9.7	7.0
NNE	.4	2.0	1.3	.8								4.6	7.2
NE	.1	1.1	.3	.4	.3							2.2	8.5
ENE	.1	.4	.8	.1	.4							1.9	9.6
E	.1	1.1	1.2	.8	.1							3.4	8.6
ESE	.1	.8	.4	.1	.3							1.7	8.5
SE		.1	.3	.1	.3							.5	8.3
SSE		.3	.4	.7		.5						1.9	14.0
S	.1	.7	.5	1.5	.5							3.4	11.4
SSW	.4	1.2	1.3	.8	.7	.1						4.6	9.6
SW	.1	.9	.9	.5								2.6	7.8
WSW	.1	2.3	1.6	1.1	.7							5.8	9.1
W	.4	4.2	7.9	4.8	1.5							18.8	9.6
WNW	.4	2.8	4.7	3.5	.8	.1	.4					12.8	10.4
NW	.3	2.0	3.0	2.0	.8	.3	.1					8.5	10.5
NNW	.4	3.6	3.0	1.7								9.7	7.5
VARBL													
CALM												9.1	
	4.0	27.3	31.5	20.4	6.0	1.1	.5					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIF WEATHER SERVICE/MAC

SURFACE WINDS

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

93730 STATION ATLANTIC CITY NJ STATION NAME 74-81 YEARS JAN MONTH
 ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	5.7	3.9	1.5								12.0	6.8
NNE	.1	1.6	1.2	.4								3.4	7.1
NE		1.2	.5	.8		.1						2.7	9.1
ENE	.3	.9			.3							1.5	7.0
E	.4	1.1	.7	.8	.1							3.1	8.1
ESE		.5	.3	.3	.1							1.2	9.1
SE	.1		.4	.7	.1							1.3	11.0
SSE		.5	.4	.4	.1	.4		.1				2.0	14.6
S	.3	.5	.4	.9		.3	.1					2.6	11.9
SSW	.1	.7	.9	.9	.4							3.1	10.1
SW		.9	.9	1.1	.1							3.1	9.2
WSW	.4	2.2	2.3	1.2	.4							6.5	8.3
W	.1	3.6	7.1	6.2	1.5	.3						18.8	10.3
WNW	.4	3.2	3.6	4.0	1.1	.3						12.7	10.0
NW	.1	2.0	3.4	1.9	.5	.3						8.2	9.6
NNW	.3	2.6	3.4	2.2								8.3	8.3
VARBL													
CALM												9.6	
	3.6	27.3	29.5	23.3	4.8	1.6	.1	.1				100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93730 STATION ATLANTIC CITY NJ STATION NAME 74-81 YEARS JAN MONTH
 ALL WEATHER CLASS 0600-0800 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	2.7	5.0	2.4	.1							10.8	8.5
NNE	.3	1.6	1.8	.3								3.9	6.7
NE	.4	1.3	1.3	.1								3.2	6.7
ENE		.8	.1			.1	.3					1.3	11.3
E	.4	1.1	.9	.7								3.1	7.4
ESE		.4	.7	.4								1.5	8.5
SE		.3	.3	.5								1.1	10.3
SSE		.7	.7	.4	.1	.1						2.0	9.7
S		1.3	1.5	.9	.1	.1	.1					4.2	9.6
SSW	.5	1.2	1.2	1.1	.5							4.6	9.1
SW	.1	1.9	.3	.8								3.1	7.1
WSW		1.2	2.3	.7	.5	.1						4.9	10.0
W	.3	3.5	8.2	5.5	2.4							19.9	10.3
WNW	.1	2.3	4.4	3.8	.9	.1						11.7	10.3
NW	.1	3.0	3.4	1.3	.7	.1						8.6	8.8
NNW	.1	3.8	2.7	1.2	.1							8.0	7.6
VARBL													
CALM												8.1	
	3.0	27.1	34.8	20.2	5.7	.8	.4					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 742

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 93730 STATION NAME ATLANTIC CITY NJ YEARS 74-81 MONTH JAN
 CLASS ALL WEATHER HOURS (L.S.T.) 0900-1100
 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	2.0	3.9	2.2	.1							8.3	8.9
NNE	.3	1.3	2.8	.8								5.2	7.8
NE		1.2	2.3	.1								3.6	7.4
ENE		.7	.8	.8		.4						2.7	11.3
E	.1	1.5	.8	.8	.3							3.5	8.9
ESE		.3	.4	.5	.1							1.3	11.0
SE	.1	.8	1.1	.5								2.6	7.8
SSE	.1	.1	.5	.8	.1							1.7	10.5
S		1.1	1.3	2.2	.1	.3						5.0	11.1
SSW	.1	.4	1.2	.9	.4		.1					3.2	11.0
SW	.3	1.1	1.5	.8	.3		.1					4.0	9.7
WSW		.9	1.2	.3	.4	.3	.1					3.2	11.3
W	.1	1.3	3.5	8.1	3.4	1.2						17.6	13.4
WNW		.9	3.2	6.5	1.5	.5						12.6	12.4
NW	.1	2.2	4.0	5.4	1.2	.1						13.0	11.2
NNW		1.6	4.3	3.0	.8	.1						9.8	10.5
VARBL													
CALM												2.4	
	1.5	17.5	32.9	33.6	8.7	3.0	.4					100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93730 STATION ATLANTIC CITY NJ STATION NAME 74-81 YEARS JAN 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 - 53	≥ 56	%	MEAN WIND SPEED
N		.8	2.6	1.3	.3							5.0	9.4
NNE	.4	1.1	1.9	.7	.3							4.3	8.3
NE		.8	1.2	.4	.3	.1						2.8	9.8
ENE		.8	1.1	.8								2.7	9.1
E		.7	1.5	.9	.3							3.4	9.7
ESE		.4	.5	.4	.1							1.5	10.0
SE		.7	1.5	.3								2.4	7.9
SSE		.3	1.1	1.1	.1							2.6	10.6
S		.7	1.9	3.8	.8	.5						7.7	12.7
SSW		.5	1.3	1.1	.1	.3						3.4	10.9
SW		.1	1.2	.5	.5	.3						2.7	12.7
WSW		.7	1.2	1.7	1.6	.4	.1					5.9	14.0
W	.3	1.5	3.4	8.1	3.0	1.6	.4					18.1	14.0
WNW	.1	.4	3.1	8.9	3.4	1.3	.1					17.3	14.4
NW		.4	2.4	5.5	2.3	.4	.1					11.2	13.6
NNW		1.1	3.0	3.4	.5							7.9	11.0
VARBL													
CALM												1.3	
	.8	10.9	28.8	38.8	13.6	5.0	.8					100.0	12.2

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

9373C ATLANTIC CITY NJ 74-81 JAN
STATION STATION NAME YEARS MONTH
ALL WEATHER 1500-1700
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.5	3.1	.9	.3							6.0	8.4
NNE	.1	.8	1.3	.7								3.0	6.4
NE		.8	1.3	.7								2.8	8.8
ENE		.5	1.6	.8	.1							3.1	9.4
E		1.2	1.3	.3	.1							3.0	8.0
ESE	.1	.8	.8	.3	.1							2.2	8.1
SE		1.9	.5									2.4	5.8
SSE		.7	1.1	.9	.1							2.8	9.8
S	.1	.8	4.2	2.3	.4	.4						8.2	10.6
SSW		.1	1.1	1.6	.4							3.2	11.9
SW		.7	.8	.7	.8	.1						3.1	11.5
WSW		.5	1.5	1.6	.8	.3	.1					4.8	12.3
W	.1	1.3	4.7	7.7	2.2	1.2						17.2	12.8
WNW	.1	1.3	3.6	9.5	2.2	.4						17.2	12.5
NW		.9	3.8	4.7	2.7	.5						12.6	12.9
NNW	.1	1.2	2.6	2.4	.3	.5						7.1	10.7
VARBL													
CALM												1.2	
	1.1	15.2	33.3	35.1	10.5	3.5	.1					100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93730
 STATION

ATLANTIC CITY NJ
 STATION NAME

74-81
 YEARS

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

ALL WEATHER
 CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	3.0	1.6	1.6								6.6	7.3
NNE		1.1	.7	.3								2.0	7.4
NE	.1	1.1	2.2	.1	.4							3.9	8.3
ENE		.7	.8	.3								1.7	7.1
E	.7	1.6	1.1	.5	.1							4.0	7.0
ESE	.1	1.3	.4	.1								2.0	5.6
SE	.1	.9	.1	.3		.1						1.6	8.1
SSE		.9		.1								1.1	5.9
S		2.0	1.9	1.7	.8	.1						6.6	10.2
SSW	.1	1.6	.9	1.2	.3	.1						4.3	9.3
SW	.4	2.2	1.1	.5	.1	.1						4.4	7.8
WSW	.1	2.8	1.3	1.7	.5	.3						6.9	9.6
W	.1	5.5	8.6	3.6	.9	.7	.4					19.9	9.7
WNW	.3	3.8	3.6	4.7	1.1	.4		.1				14.0	10.4
NW	.1	2.4	3.4	3.0	.7							9.5	9.5
NNW		1.5	1.7	1.3	.3							4.8	9.4
VARBL													
CALM												6.6	
	2.7	32.4	29.4	21.2	5.2	1.9	.4	.4				100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93730 STATION ATLANTIC CITY NJ STATION NAME 74-81 YEARS JAN MONTH
 ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	2.7	1.5	.8								5.5	6.8
NNE	.1	2.4	.8	.3								3.6	6.1
NE	.1	2.2	.3	.8	.1	.1						3.6	8.2
ENE	.4	.5	1.2	.3								2.4	7.3
E	.1	1.1	.9	.8		.1						3.1	8.7
ESE	.1	.4	.4	.1	.1							1.2	8.3
SE		.5	.3	.1								.9	7.6
SSE	.1	.3	.4	.1	.3							1.2	9.3
S		.5	.7	1.2	.4	.4						3.2	12.7
SSW	.3	1.9	1.1	.7	.8							4.7	9.0
SW	.5	1.7	.8	.1								3.2	5.5
WSW	.1	2.4	1.7	1.7	.3	.3						5.6	9.2
W	.3	5.8	7.4	5.0	1.1	.9	.1					20.6	10.1
WNW	.3	3.5	3.8	3.1	1.6	.1	.3	.1				12.8	10.8
NW	.4	3.8	3.1	2.4	.7	.1	.1					10.6	9.2
NNW	.5	1.9	2.8	1.7	.5							7.5	9.0
VARBL													
CALM												9.1	
	4.0	31.6	27.2	19.4	5.9	2.2	.5	.1				100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIF WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 93730 STATION NAME ATLANTIC CITY NJ YEARS 74-81 JAN. MONTH
 CLASS ALL WEATHER 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	.5	2.8	3.2	1.5	.1							3.0	7.8
NNE	.2	1.5	1.5	.5	.0							3.7	7.4
NE	.1	1.2	1.2	.4	.1	.1						3.1	8.3
ENE	.1	.7	.8	.4	.1	.1	.0					2.2	9.1
E	.2	1.2	1.1	.7	.1	.0						3.3	8.3
ESE	.1	.6	.5	.3	.1	.0						1.6	8.4
SE	.1	.7	.6	.3	.0	.0						1.6	8.0
SSE	.0	.5	.6	.6	.1	.1		.0				1.9	10.8
S	.1	1.0	1.5	1.8	.4	.3	.0					5.1	11.2
SSW	.2	1.0	1.1	1.0	.5	.1	.0					3.9	10.0
SW	.2	1.2	.9	.6	.2	.1	.0					3.3	8.9
WSW	.1	1.6	1.6	1.3	.7	.2	.1					5.5	10.3
W	.2	3.3	6.4	6.1	2.0	.7	.1					18.9	11.2
WNW	.2	2.3	3.8	5.5	1.6	.4	.1	.0				13.9	11.6
NW	.2	2.1	3.3	3.3	1.2	.2	.1					10.3	10.8
NNW	.2	2.2	2.9	2.1	.3	.1						7.8	9.2
VARBL													
CALM												5.9	
	2.6	23.7	30.9	26.5	7.6	2.4	.4	.1				100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 5949

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93730 STATION ATLANTIC CITY NJ STATION NAME 74-81 YEARS FEB MONTH
 ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.5	2.5	1.6								5.9	8.6
NNE	.1	1.0	.7	.9	.1							2.9	8.4
NE		1.3	1.5	.3								3.1	7.2
ENE	.1	.6	.7	.7	.3							2.5	9.9
E		1.7	1.3	1.2	.1							3.7	9.2
ESE	.1	.4	.7									1.3	6.2
SE	.1	.7	.9	.6	.1							2.5	3.8
SSE	.1	.7	.7	.1	.1							1.9	7.4
S	.3	1.3	1.3	1.3	.4							4.7	9.0
SSW		1.5	3.4	1.2	.1							6.2	8.7
SW	.4	1.8	1.9	.6								4.7	7.1
WSW	.3	2.1	1.5	.7	.4							5.7	8.3
W	.1	2.7	4.4	2.9	.4	.1	.1					10.9	9.8
WNW	.3	3.5	4.4	3.4	1.3	.3						13.3	9.9
NW	.4	3.9	2.1	2.1	.7	.4						7.6	9.4
NNW	.1	5.2	4.9	2.8	.6							13.6	8.3
VARBL													
CALM												8.1	
	3.1	29.2	33.0	20.5	5.0	.9	.1					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 78

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93730 ATLANTIC CITY NJ 74-81
STATION STATION NAME YEARS

ALL WEATHER
CLASS

CONDITON

FEB
MONTH

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.2	3.9	3.0								9.5	9.0
NNE	.3	1.5	1.2	1.0								4.0	7.6
NE	.1	.6	1.8	.3	.1							3.0	8.4
ENE	.4	.3	.6		.1							1.5	7.9
E		.4	1.3	1.0	.4							3.3	10.8
ESE		.3	.6	.1								1.0	8.0
SE	.1	.3	.6	.1	.3							1.5	9.8
SSE	.3	1.0	.3	.6	.3							2.5	6.5
S	.4	1.5	1.5	1.9	.6							5.9	9.5
SSW	.1	2.2	1.3	1.0	.3							5.0	6.1
SW		1.5	2.1	.6								4.1	6.0
WSW		1.8	2.7	.7	.6							5.8	9.0
W	.4	3.1	4.6	2.7	.3	.3						11.4	8.9
WNW		1.6	4.4	3.0	.6	.3						9.9	10.3
NW	.1	2.5	3.0	3.6	1.2	.1						10.5	10.5
NNW	.7	4.1	4.7	1.6	.1							11.4	7.3
VARBL													
CALM												9.6	
	3.7	25.0	34.5	21.3	5.0	.7						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 675

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIF WEATHER SERVICE/MAC

SURFACE WINDS

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

93730 STATION ATLANTIC CITY NJ STATION NAME 74-81 YEARS FEB MONTH 0600-0800 HOURS (L.S.T.)
 ALL WEATHER CLASS
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-14	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	2.5	4.3	2.1	.1							9.5	8.2
NNE	.1	.9	1.3	.9								3.2	8.5
NE	.1	.9	.1	.9	.1							2.2	9.2
ENE		.9	.6	.9	.3							2.7	9.7
E		.6	1.5	.6								2.7	9.0
ESE	.1	.7	.3	.3								1.5	7.1
SE	.1	.7	.6		.3							1.8	8.9
SSE		.3	.6			.1						1.0	9.0
S		2.1	1.8	.7	.4	.4						5.5	9.7
SSW	.1	1.3	1.8	1.0	.1							4.4	8.7
SW		1.6	1.8	.7	.1		.1					4.4	8.6
WSW	.1	1.8	2.5	.6	.1							5.2	8.1
W	.1	4.1	5.0	3.7	.3	.3	.1					13.7	9.2
WNW	.3	2.4	5.6	5.8	.1	.4						12.7	9.8
NW		1.9	3.7	3.0	1.2							9.7	10.4
NNW	1.3	2.7	3.5	2.2	.4							10.2	8.2
VARBL													
CALM												9.6	
	3.1	25.4	35.0	21.4	3.8	1.3	.3					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 677

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 93730 STATION NAME ATLANTIC CITY NJ YEARS 74-81 MONTH FEB
 CLASS ALL WEATHER HOURS (L.S.T.) 0900-1100
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N		1.5	4.3	2.8	.6	.1						7.3	10.2
NNE	.3	1.3	1.9	.9	.7	.1						5.3	10.0
NE		1.0	.7	.7	.1							2.7	8.9
ENE		.1	1.0	1.0								2.2	10.8
E		.7	1.9	.6								3.2	8.3
ESE	.1		.7		.3							1.2	9.3
SE		.9	.9									1.8	6.6
SSE	.1	.4	.4	.7	.1							1.9	10.4
S	.1	1.0	1.6	1.2	.4	.7						5.2	11.9
SSW		.9	2.1	1.0	.7							4.7	10.7
SW	.1	1.0	1.9	2.4	.1	.1						5.8	10.3
WSW		1.2	2.1	2.2	.4	.3						6.2	10.7
W	.1	1.6	4.1	3.0	.7	.9						10.5	11.0
WNW		1.5	2.7	5.2	2.4	1.5						13.1	13.7
NW		1.0	3.1	5.3	3.1	.7						13.3	13.4
NNW		.9	2.7	5.9	1.3							10.8	12.1
VARBL													
CALM												2.9	
	1.0	15.2	32.2	32.9	11.2	4.6						100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 677

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

9373 STATION ATLANTIC CITY NJ STATION NAME 74-81 YEARS FEB MONTH 1200-1400 HOURS (L.S.T.)
 ALL WEATHER CLASS
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.4	2.7	2.2	.7	.1						0.3	11.3
NNE		.7	1.2	1.2	.3							3.4	10.1
NE	.1	.4	1.0	.3	.4							2.4	10.2
ENE		.3	.7	1.0								2.1	9.9
E		1.2	1.8	.7								3.7	7.8
ESE		.4	.6	.6								1.6	9.5
SE	.3	.6	1.3	.9								3.1	8.9
SSE		.4	.6	1.2	.1	.1						2.5	11.5
S		.7	1.9	3.7	1.0	.1	.1					7.7	12.4
SSW		.9	.7	1.9	1.0	.3						4.9	12.4
SW		.6	1.3	2.5	.4							4.9	11.7
WSW	.1	.7	2.7	1.6	.6	.3	.1					6.2	11.4
W	.1	.9	2.7	5.9	3.4	1.3	.1					14.5	14.3
WNW		.3	2.4	5.6	4.3	.7	.1					13.4	15.1
NW		.3	2.7	4.0	3.4	1.0						11.4	14.9
NNW		.4	4.0	5.6	1.2	.4						11.7	12.2
VARBL													
CALM												.4	
	.9	9.4	28.2	38.9	17.0	4.6	.6					100.0	12.5

TOTAL NUMBER OF OBSERVATIONS 676

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIF WEATHER SERVICE/MAC

SURFACE WINDS

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

93730 STATION ATLANTIC CITY NJ STATION NAME 74-81 YEARS FEB MONTH
 ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6	2.4	1.6								4.6	9.9
NNE		.3	1.2	.1								1.6	6.6
NE		.3	1.9	1.0								3.2	9.7
ENE		.4	.3	1.0	.1							1.9	11.0
E		.9	2.2	.6								3.7	8.4
ESE		.3	1.2	1.0								2.5	9.5
SE		1.2	.6		.1	.1						2.1	6.5
SSE		.3	2.1	1.0								3.4	9.7
S		.7	3.0	5.3	1.5	.1						10.6	12.3
SSW		.6	1.9	1.2	.4							4.1	11.0
SW			1.9	1.5	.4							3.8	12.1
WSW		.6	1.2	.7	.4	.1						3.1	11.0
W		.9	4.0	6.9	1.9	.3	.1					14.2	12.6
WNW		.3	4.0	6.8	3.7	.6						15.4	13.5
NW		.4	3.5	6.2	3.2	.4						13.9	13.7
NNW		1.9	4.6	3.7	.9	.3						11.4	10.6
VARBL													
CALM												.4	
		9.7	35.9	38.8	12.9	2.1	.1					100.0	11.7

TOTAL NUMBER OF OBSERVATIONS 677

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 93730 STATION NAME ATLANTIC CITY NJ YEARS 74-81 FEB MONTH 1800-2000
 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	1.9	1.6	1.2								4.9	7.7
NNE	.1	1.3	1.2	.6								3.2	7.7
NE		.7	1.0	1.0								2.8	8.9
ENE	.1	1.5	.1	.1	.1							2.1	6.6
E		1.5	.6	.1	.1							2.4	6.9
ESE		1.3	.7	.6								2.7	8.3
SE	.1	1.2	.3	.3		.1						2.1	7.5
SSE	.1	.9	.4	.3	.3							2.1	9.4
S	.4	2.4	4.6	2.4	.6							10.3	9.5
SSW	.1	2.7	3.8	1.6	.7							9.0	8.9
SW		1.6	1.5	.7								3.8	7.9
WSW		2.2	2.9	.3								5.5	7.3
W		5.2	5.9	2.7	.4							14.2	8.3
WNW	.1	1.6	5.8	4.4	.6	.4						13.0	10.8
NW	.1	1.8	3.1	2.2	.6							7.8	9.4
NNW	.1	3.8	3.5	2.7		.4						10.6	8.9
VARBL													
CALM												3.7	
	1.8	31.6	37.2	21.2	3.5	1.0						100.0	8.5

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)

9373C STATION ATLANTIC CITY NJ STATION NAME 74-81 YEARS FEB MONTH 2100-2300 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-14	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	1.8	1.6	1.5								5.0	8.6
NNE	.1	1.2	1.3	.6								3.2	7.7
NE	.3	1.2	1.0	.6								3.1	7.9
ENE	.1	.6	.3	.3	.1	.1						1.6	9.4
E	.4	1.2	1.2	.6								3.4	7.2
ESE	.3	1.0	.1	.3								1.8	6.3
SE	.1	1.2	.9	.1								2.4	6.6
SSE	.4	.9	.4	.4	.1							2.4	7.4
S	.1	1.9	3.7	1.2	1.0							8.0	9.1
SSW	.4	1.6	2.5	1.8	.3							6.6	8.6
SW	.1	2.5	1.3	.9	.3							5.2	8.2
WSW	.1	1.3	2.4	.4								4.3	7.3
W	1.3	5.3	7.8	2.5	.6	.1						17.7	8.0
WNW	.1	2.2	2.8	3.8	1.2	.3						10.5	11.1
NW	.1	3.1	1.2	2.7	.9							8.0	9.7
NNW	.1	2.9	3.7	2.7		.3						9.7	8.9
VARBL													
CALM												7.2	
	4.7	29.9	32.3	20.4	4.6	.9						100.0	8.0

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)

STATION 97730 STATION NAME ATLANTIC CITY NJ YEARS 74-81 MONTH FEB
 CLASS ALL WEATHER HOURS (L.S.T.) ALL
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.6	2.9	2.0	.2	.0						6.9	9.2
NNE	.1	1.0	1.3	.8	.1	.0						3.4	8.7
NE	.1	.8	1.1	.6	.1							2.8	8.8
ENE	.1	.6	.6	.6	.1	.0						2.1	9.5
E	.1	.9	1.5	.7	.1							3.2	8.5
ESE	.1	.6	.6	.4	.0							1.7	8.1
SE	.1	.8	.8	.3	.1	.0						2.1	8.2
SSE	.1	.6	.7	.6	.1	.0						2.2	9.2
S	.2	1.5	2.4	2.2	.8	.2	.0					7.2	10.5
SSW	.1	1.5	2.2	1.3	.5	.0						5.6	9.5
SW	.1	1.3	1.7	1.2	.2	.0	.0					4.6	9.2
WSW	.1	1.5	2.2	.9	.3	.1	.0					5.1	9.1
W	.3	3.0	4.8	3.8	1.0	.4	.1					13.4	10.2
WNW	.1	1.7	4.0	4.5	1.8	.6	.0					12.7	11.9
NW	.1	1.9	2.8	3.6	1.8	.4						10.5	11.8
NNW	.3	2.8	3.9	3.4	.6	.2						11.2	9.6
VARBL													
CALM												5.2	
	2.3	21.9	33.5	26.9	7.9	2.0	.1					100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 5418

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIF WEATHER SERVICE/MAC

SURFACE WINDS

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

93730 STATION ATLANTIC CITY NJ STATION NAME 74-81 YEARS MAR MONTH
 0000-0200 HOURS (L.S.T.)
 ALL WEATHER CLASS
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.3	1.7	1.6								5.6	8.4
NNE	.1	1.7	1.1	.1	.1							3.2	6.9
NE	.4	.9	.9	.7								3.0	7.8
ENE	.5	.7	.5	1.2	.3							3.2	9.2
E	.3	1.3	.9	.8	.1							3.5	7.8
ESE	.1	.9	.7	.4								2.2	7.8
SE		.5	.5	.3								1.3	7.4
SSE		1.2	1.1	.4								2.7	7.2
S		1.5	3.2	3.4	.3							8.3	9.9
SSW		2.0	4.0	3.1	.5	.3						9.9	9.9
SW	.1	1.3	2.0	.5								4.0	7.9
WSW	.1	1.7	2.0	.5	.1							4.6	7.7
W	.5	3.1	5.2	1.3	.7	.3	.3					11.4	9.4
WNW	.1	2.7	4.3	3.6	1.2	.3	.1					12.4	10.8
NW	.5	2.4	2.3	3.1	.9	.1						9.4	10.1
NNW	.1	2.7	4.7	2.2	.1							9.8	8.5
VARBL													
CALM												5.4	
	1.1	27.2	35.3	23.3	4.4	.9	.4					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 93730 STATION NAME ATLANTIC CITY NJ YEARS 74-81 MAC MONTH 0300-0500
 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		1.6	3.1	1.1	.3							6.0	8.6
NNE		2.4	1.2	.1								3.8	6.3
NE	.4	1.5	1.1	.7								3.6	7.0
ENE		.7	.8	1.9								3.4	10.4
E	.1	.9	2.0	1.2								4.3	9.3
ESE	.1	.3	.7	.5								1.6	8.9
SE		.4	.1	.5								1.1	9.1
SSE	.1	.7	.9	.5								2.3	7.9
S	.4	1.5	3.6	2.2	.4							8.1	9.2
SSW	.3	2.2	2.0	2.0	.4							6.9	9.1
SW	.4	2.2	2.8	.5	.1							6.0	7.5
WSW		.9	.7	.5								2.2	7.7
W	.4	3.0	4.3	1.7								9.4	8.0
WNW		2.2	4.0	5.4	1.5	.7						13.7	11.4
NW	.5	2.8	3.4	3.6	.9	.3						11.6	10.0
NNW	.1	3.5	3.8	1.1	.1							8.6	7.8
VARBL													
CALM												7.5	
	3.0	26.6	34.5	23.7	3.8	.9						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 93730 STATION NAME ATLANTIC CITY NJ YEARS 74-81 MONTH 4AP
 CLASS ALL WEATHER MONTH 0600-0800
 CONDITION _____ HOURS (L.S.T.) _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	2.2	3.1	1.9								7.4	8.2
NNE		1.7	2.2	.1								4.0	7.3
NE	.1	.1	1.3	.1								1.7	8.3
ENE		.3	1.9	1.6	.4							4.2	11.3
E	.1	1.5	1.5	1.7	.1							5.0	9.3
ESE		.4	.5	.9	.4							2.3	12.2
SE		.9	.5	.5	.3							2.3	9.2
SSE	.3	.4	1.2	1.5	.1							3.5	10.3
S		1.3	1.5	2.4	.1							5.4	9.6
SSW	.4	1.2	1.9	2.3	.7							6.5	10.0
SW		1.7	2.2	.7		.3	.1					5.0	9.9
WSW		1.5	2.2	.9		.1						4.7	8.6
W	.4	2.0	4.3	3.1	.1							9.9	9.2
WNW	.3	2.2	2.8	3.8	1.7	.7						11.4	11.9
NW	.3	2.0	3.6	3.9	1.2	.7						11.7	11.2
NNW	.3	3.2	3.0	1.9	.5							8.9	8.7
VARBL													
CALM												6.2	
	2.4	22.7	33.6	27.4	5.8	1.7	.1					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 9373C STATION NAME ATLANTIC CITY NJ YEARS 74-81 MONTH MAR
 CLASS ALL WEATHER HOURS (L.S.T.) 0900-1100
 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		1.1	3.6	2.0								6.7	9.4
NNE		.4	1.7	.8	.1							3.1	9.5
NE		.1	1.2	1.5								2.8	11.1
ENE		.1	.9	3.5	1.1							5.6	13.0
E	.1		1.9	2.8	.3							5.1	11.6
ESE		.4	.7	.7	.4	.1						2.3	11.2
SE		.5	.7	1.3	.7	.3						3.5	13.2
SSE	.3	.5	.7	1.5	.7	.1						3.8	12.4
S	.3	.4	1.3	3.0	.9	.3						6.2	12.5
SSW	.1	.8	1.6	3.8	.8	.1						7.3	11.9
SW		.3	1.1	1.5	.9	.1						3.9	13.0
WSW		.5	1.2	1.9	.5	.3						4.4	12.0
W	.1	1.2	1.6	3.4	1.5	.4						8.2	12.7
WNW		.8	2.4	4.3	2.6	2.7	.1					12.9	15.7
NW	.1	.4	2.3	4.8	4.2	.7	.4					12.9	15.0
NNW		.7	3.8	4.3	1.6	.4						10.8	12.5
VARBL													
CALM												.5	
	1.1	8.3	26.7	41.0	16.3	5.5	.5					100.0	12.8

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93730 STATION ATLANTIC CITY NJ STATION NAME 74-81 YEARS MAP MONTH 1200-1400 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.7	2.3	.4	.1							3.5	8.7
NNE		.3	1.5	1.2								3.0	10.2
NE		.5	.5	.7	.3							2.0	10.3
ENE		.3	.7	1.9	1.2	.5						4.6	14.7
E			3.1	2.8	.7							6.6	11.5
ESE			1.1	1.5	.1							2.7	11.3
SE			2.2	.8	.4	.3						3.6	12.0
SSE		.4	1.6	2.8	.1	.4						5.4	12.5
S		.3	1.9	5.4	1.7	.3	.1					9.7	13.7
SSW		.5	.5	2.3	.5	.3	.3					4.4	14.0
SW			.4	.8	1.9	1.2	.3					4.6	13.8
WSW	.1		.5	1.9	1.2							3.8	14.0
W		1.1	3.9	5.1	2.0	1.3	.1	.3				13.8	13.9
WNW		.1	2.3	4.2	2.7	2.4	.1					11.8	15.9
NW		.1	2.3	4.8	4.0	1.5						12.8	15.5
NNW		.9	2.3	2.4	1.1	.5	.1					7.4	12.7
VARBL													
CALM												.4	
	.1	5.6	27.4	40.1	17.5	7.8	.8	.3				100.0	13.5

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93730 STATION ATLANTIC CITY NJ STATION NAME 74-81 YEARS 44° MONTH 1500-1700 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.4	.8	1.6	.3							3.2	11.5
NNE		.3	.5	.5								1.3	9.4
NE		.1	1.2	1.3	.3							3.0	11.1
ENE		.3	.8	1.2	.9	.7						3.9	14.6
E		.5	2.7	1.5	.4							5.1	10.6
ESE		.4	1.9	.7	.1							3.1	9.7
SE		.3	2.2	.7	.5	.3						3.9	11.2
SSE		.4	2.4	3.0	.1							5.9	10.6
S		.4	3.8	5.8	2.0	.5						12.5	13.0
SSW			1.9	3.6	.8	.3						6.6	13.3
SW		.3	.5	1.3	.7							2.3	12.9
WSW		.1	.1	2.4	.4							3.1	13.6
W		.3	4.7	5.8	1.7	1.3	.1	.1				14.1	13.7
WNW		.1	3.2	6.0	2.6	1.7	.3					14.0	15.0
NW		.5	1.6	5.1	2.4	1.5	.3					11.4	15.5
NNW		.7	1.7	1.9	.9	.4						5.6	12.4
VARBL													
CALM												.4	
	.1	5.1	30.1	42.5	14.2	6.7	.7	.1				100.0	13.1

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/4AC

SURFACE WINDS

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

93730 STATION ATLANTIC CITY NJ STATION NAME 74-81 YEARS MAP MONTH 1800-2000 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.7	1.3	1.9	.1							4.0	10.5
NNE		.5	.4	.9								1.9	9.2
NE		.5	.7	.7	.1							2.0	9.5
ENE	.1	.1	1.5	.9	.5	.1						3.4	11.6
E	.3	2.6	1.6	1.1	.1							5.6	7.7
ESE		1.6	.7	.9								3.2	8.2
SE		2.4	.9	.7	.3							4.3	8.2
SSE	.1	1.2	1.9	1.3		.3						4.8	9.6
S	.1	2.2	6.5	2.8	.5							12.1	9.4
SSW		2.4	5.8	2.6	.5							11.3	9.4
SW		.8	2.4									3.2	7.4
WSW		1.3	1.7	.4	.1							3.6	7.6
W	.1	3.0	6.0	3.4	.7	.7	.3					14.1	10.4
WNW		1.9	3.8	4.6	2.2	.5						12.9	12.0
NW		1.3	2.3	1.5	.8	.1						6.0	10.9
NNW		1.9	2.2	1.9	.7							6.6	9.8
VARBL													
CALM												.8	
	.8	24.5	39.7	25.5	6.7	1.7	.3					100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

9773 STATION ATLANTIC CITY NJ STATION NAME 74-81 YEARS MONTH MAR 2100-2300 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.0	2.7	1.5								6.2	8.4
NNE	.1	.9	.7	.4								2.2	7.3
NE	.1	1.1	.4	.8	.4							2.8	9.5
ENE	.1	.9	.5	.3	.4							2.3	8.8
E		2.6	.7	1.3								4.6	7.9
ESE	.3	.7	.4	.1								1.5	6.5
SE	.1	.3	.8	.7								1.9	9.1
SSE	.1	1.5	.9	1.7	.1							4.4	9.1
S	.7	3.4	3.1	3.0	.4	.1						10.6	8.9
SSW	.3	2.4	5.2	2.0	.9							10.9	9.1
SW		1.3	2.8	.4								4.6	7.5
WSW	.1	2.3	2.3	.7								5.4	7.4
W	.4	3.6	5.0	1.1	.7	.4	.3					11.4	9.2
WNW	.1	2.0	4.0	3.1	1.7	.7						11.7	11.6
NW		1.5	2.0	1.6	1.3	.3						6.7	11.3
NNW	.1	2.3	3.4	1.9	.3							7.9	6.9
VARBL													
CALM												5.0	
	2.7	28.8	34.9	20.6	6.3	1.5	.3					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 9373C STATION NAME ATLANTIC CITY NJ YEARS 74-81 MONTH MAY
 CLASS ALL WEATHER HOURS (L.S.T.) ALL
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.4	2.3	1.5	.1							5.3	7.0
NNE	.0	1.0	1.2	.5	.0							2.8	8.0
NE	.1	.6	.9	.8	.1							2.6	9.3
ENE	.1	.4	1.0	1.6	.6	.2						3.8	12.1
E	.1	1.2	1.8	1.7	.2							5.0	9.6
ESE	.1	.6	.8	.7	.1	.0						2.4	9.6
SE	.0	.7	1.0	.7	.3	.1						2.7	10.3
SSE	.1	.8	1.3	1.6	.2	.1						4.1	10.3
S	.2	1.4	3.1	3.5	.8	.2	.0					7.1	10.8
SSW	.1	1.4	2.9	2.7	.7	.1	.0					8.0	10.5
SW	.1	1.0	1.8	.9	.4	.1	.0					4.3	9.7
WSW	.1	1.1	1.3	1.2	.3	.1						4.0	9.7
W	.3	2.2	4.4	3.1	.9	.6	.1	.1				11.6	11.0
WNW	.1	1.5	3.4	4.4	2.0	1.2	.1					12.6	13.1
NW	.2	1.4	2.5	3.6	2.0	.6	.1					10.3	12.7
NNW	.1	2.0	3.1	2.2	.7	.2	.0					8.2	10.1
VARBL													
CALM												3.3	
	1.7	18.6	32.8	30.5	9.4	3.4	.4	.1				100.0	10.5

TOTAL NUMBER OF OBSERVATIONS 5952

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 93730 STATION NAME ATLANTIC CITY NJ YEARS 74-81 MONTH APR
 CLASS ALL WEATHER HOURS (L.S.T.) 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		1.0	3.5	1.2	.1							5.8	9.0
NNE		1.7	1.1	.4								3.2	7.0
NE		.6		.7								1.2	10.0
ENE		.7	.8	.1								1.7	7.2
E		1.8	1.8	1.7								5.3	9.0
ESE		.7	.8	.3								1.8	8.0
SE	.1	1.0	.6	.7								2.4	7.9
SSE		1.2	.7	.7								2.6	7.8
S	.1	2.5	2.1	2.5	.3	.1						7.6	9.6
SSW	.3	2.1	5.0	1.9	.3							9.6	8.6
SW		5.3	4.6	.4	.1							10.4	6.6
WSW	.1	1.7	2.6	1.2								5.7	8.4
W	.3	1.9	3.6	1.7	.3							7.8	8.9
WNW	.1	1.7	3.7	2.9	.7	.1	.3					9.6	10.8
NW	.1	2.1	4.7	1.5	.3							8.7	8.6
NNW	.3	3.5	4.9	2.1	.1							10.8	8.1
VARBL													
CALM												5.7	
	1.5	29.3	40.6	20.1	2.2	.3	.3					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

9373J STATION ATLANTIC CITY NJ STATION NAME 74-81 YEARS APR MONTH 0300-0500 HOURS (L.S.T.)
 ALL WEATHER CLASS
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	2.1	2.5	.4								5.1	7.1
NNE		1.1	.7	.6	.1							2.5	6.8
NE		.3	.8	.3								1.4	8.7
ENE	.1	.6	1.1	.4								2.2	8.1
E	.3	2.1	1.7	1.2	.8							6.1	9.3
ESE	.1	1.0	.4	.1								1.7	6.2
SE	.1	1.2	.6	.4								2.4	7.4
SSE	.1	1.4	1.4	.7	.4							4.0	8.6
S		2.5	2.1	1.5	.1							5.2	8.7
SSW	.4	3.2	2.1	1.8								7.5	7.7
SW	.1	3.2	2.4	1.2	.3							7.2	8.1
WSW	.6	1.8	2.2	.7								5.3	7.4
W	.3	3.3	5.7	1.8	.3							11.4	7.9
WNW	.3	2.2	4.7	2.4	.7		.3					10.6	9.7
NW	.3	2.4	2.9	2.2	.4	.1						8.3	9.4
NNW		3.7	5.4	1.1	.1							10.4	7.5
VARBL													
CALM												7.6	
	2.9	32.1	36.7	16.9	3.3	.1	.3					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93730 STATION ATLANTIC CITY NJ STATION NAME 74-81 YEARS APR MONTH 2600-0800 HOURS (L.S.T.)
 ALL WEATHER CLASS
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	2.1	3.7	.7	.1							6.8	7.8
NNE		1.2	1.0	.6	.1							2.9	8.4
NE	.1	.7	.3	.6	.3							1.9	9.6
ENE		.1	.4	1.5								2.1	11.5
E		.7	1.7	2.1	1.0	.1						5.6	11.7
ESE	.3	.8	1.0	.1								2.2	6.4
SE	.3	1.4	1.2	.1	.1							3.2	7.2
SSE		1.4	1.8	.3								3.5	7.6
S	.4	.8	1.8	1.8	.3	.3						5.4	10.1
SSW		1.4	3.6	1.0	.3							6.2	8.8
SW	.3	1.9	2.2	2.1	.7	.3						7.5	10.2
WSW	.1	1.4	1.2	1.2	.3							4.3	9.3
W		2.1	5.1	2.6	.8							10.7	9.8
WNW	.4	2.5	2.9	2.5	1.0	.3						9.6	10.4
NW	.1	1.9	3.6	3.6	1.2	.3						10.8	10.8
NNW	.1	2.6	4.3	3.7	.6							11.4	9.6
VARBL													
CALM												5.8	
	2.4	23.2	36.0	24.6	6.8	1.2						100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93730 STATION ATLANTIC CITY NJ STATION NAME 74-81 YEARS APR MONTH
 ALL WEATHER CLASS 0900-1100 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		1.3	2.5	1.9	.1							5.8	9.8
NNE	.3	.7	1.9	.6	1.0							4.5	10.2
NE		.3	.7	.4	.3							1.7	11.3
ENE		.1	1.0	.7								1.8	9.5
E		.8	2.9	4.0	.7							8.5	11.5
ESE	.1	.7	1.3	.1		.1						2.4	8.4
SE		1.0	1.5	.7								3.2	8.2
SSE	.1	.6	1.9	1.8	.3							4.7	10.5
S	.1	.6	2.2	3.8	1.0							7.6	11.8
SSW	.3	.3	1.4	2.2	1.0	.1						5.3	12.2
SW		.4	.4	1.9	1.0	.6						4.3	15.0
WSW		.4	.8	2.4	1.1							4.7	13.1
W		1.3	2.9	4.3	2.2	1.4	.1					12.2	13.5
WNW		.3	2.2	3.5	1.5	.7	.4					8.6	14.6
NW	.4	.4	1.5	5.0	3.1	.4	.1					11.0	14.4
NNW	.1	1.0	4.0	7.0	1.0							13.1	11.6
VARBL													
CALM												.6	
	1.5	10.0	29.3	40.3	14.2	3.3	.7					100.0	12.1

TOTAL NUMBER OF OBSERVATIONS 719

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GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 93730 STATION NAME ATLANTIC CITY NJ YEARS 74-81 MONTH APR
 CLASS ALL WEATHER HOURS (L.S.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			.8	1.4	.1							2.4	12.1
NNE		.7	.1	.3	.8							1.9	12.2
NE			.1	.8	.3							1.2	12.9
ENE		.1	.4	.6	.6	.1						1.8	13.9
E	.1	.6	2.4	3.7	.8							7.6	11.4
ESE		.4	2.1	2.4								4.9	10.3
SE	.1	.4	2.4	2.1								5.0	9.8
SSE		.1	1.8	3.7	.4							6.1	12.0
S		.4	1.5	7.6	2.4	.3						12.2	13.9
SSW		.3	1.0	2.1	1.9	.1						5.4	14.6
SW			.1	1.2	1.2							2.6	15.8
WSW		.4	.7	1.1	1.4	.4	.1					4.2	15.1
W		1.0	2.4	5.3	3.9	.4						12.9	13.9
WNW		.6	2.5	4.7	3.2	1.4	.4					12.8	15.2
NW		.1	1.4	5.1	3.5	.7						10.8	15.5
NNW		.7	.8	5.0	1.1	.3						7.9	13.4
VARBL													
CALM												.1	
	.3	5.8	20.6	47.2	21.7	3.7	.6					100.0	13.5

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIP WEATHER SERVICE/MAC

SURFACE WINDS

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

9373C STATION ATLANTIC CITY NJ 74-81 YEARS APE MONTH 1500-1700 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.4	1.4	.7	.1	.1						2.3	10.7
NNE			.8	.6	.3	.1						1.8	12.8
NE		.3	.1	.6								1.0	10.3
ENE			.6	.3	.1							1.0	11.4
E		.1	2.2	3.1	.4							5.8	11.8
ESE		.6	1.9	2.2								4.7	10.3
SE		.3	1.8	1.4	.1							3.6	10.3
SSE	.1	.6	3.5	3.1	.7							7.9	10.8
S	.1	.3	2.2	9.6	3.5	.1						15.8	13.9
SSW		.1	1.1	3.2	2.8							7.2	14.7
SW			.1	1.0	.8							1.9	15.7
WSW			.7	2.1	.6	.1						3.5	13.7
W		.1	2.1	5.4	2.1	.8	.1					10.7	14.5
WNW			1.4	5.1	3.6	1.0	.1					11.2	15.8
NW		.1	.4	6.8	2.6	.7	.1					10.8	15.3
NNW	.1	.1	2.2	5.6	1.5	.3						9.9	13.1
VARBL													
CALM												.3	
	.4	3.1	22.6	50.6	19.3	3.3	.4					100.0	13.5

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93733 STATION ATLANTIC CITY NJ STATION NAME 74-81 YEARS APR MONTH
 ALL WEATHER CLASS 1800-2000 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.8	2.1	1.5	.3							4.7	10.3
NNE		.1	1.5	.7								2.4	9.7
NE		.3	.1	.4								.8	9.5
ENE		.1	.3	.4	.1							1.0	12.4
E		1.1	2.2	2.1	.4							5.8	10.5
ESE		1.0	1.9	.7								3.6	8.1
SE		1.2	1.7	.4		.1						3.5	8.0
SSE		2.1	2.1	.8	.3	.1						5.4	8.8
S		2.4	5.8	5.7	1.4	.1						15.4	10.7
SSW		1.5	4.0	5.3	.8	.1						11.8	10.7
SW		1.1	2.2	1.2	.1							4.7	9.1
WSW		.7	2.2	1.4	.3							4.6	9.9
W	.1	2.5	6.4	2.2	1.2							12.5	9.5
WNW	.1	1.0	3.2	4.2	.4		.3	.1				9.3	11.8
NW		.7	1.9	3.1	.8	.1						6.7	11.8
NNW		1.5	2.6	2.2	.6	.1						7.1	10.4
VARBL													
CALM												.7	
	.3	18.2	40.4	32.4	6.8	.8	.3	.1				100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 9373 STATION NAME ATLANTIC CITY NJ YEARS 74-81 MONTH APR
 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		.7	3.8	1.7								6.1	9.5
NNE	.1	1.3	1.3	.1	.3							3.1	7.9
NE	.3	.3	.1	1.0								1.7	10.0
ENE		.6	.4	.1								1.1	7.5
E		1.5	1.7	1.7	.1							5.0	9.1
ESE	.1	1.5	1.5	.4								3.6	7.0
SE		1.0	.7	.3		.1						2.1	8.4
SSE	.1	1.7	.6	.3	.4	.1						3.2	8.7
S	.1	3.6	4.0	3.9	.8							12.5	9.6
SSW	.6	4.0	6.3	1.9	.3	.1						13.2	8.2
SW		2.4	3.8	.7	.3							7.1	7.9
WSW		2.1	3.9	.6								6.5	7.8
W	.1	2.4	2.9	1.4	.6	.1						7.5	9.1
WNW		1.1	3.2	2.5	.3		.4					7.5	11.3
NW	.1	1.8	2.2	1.7	.6	.3						6.7	10.1
NNW	.3	2.8	3.5	2.1	.8							9.5	9.0
VARBL													
CALM												3.6	
	1.9	28.7	39.8	20.3	4.5	.8	.4					100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 719

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93730 STATION ATLANTIC CITY NJ STATION NAME 74-81 YEARS APP MONTH ALL HOURS (L.S.T.)
 ALL WEATHER CLASS
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.0	2.5	1.2	.1	.0						4.9	9.2
NNE	.1	.9	1.1	.5	.3	.0						2.8	9.4
NE	.1	.3	.3	.6	.1							1.4	10.3
ENE	.0	.3	.6	.5	.1	.0						1.6	10.1
E	.1	1.1	2.1	2.4	.5	.0						6.2	10.7
ESE	.1	.8	1.4	.8		.0						3.1	8.5
SE	.1	.9	1.3	.8	.0	.0						3.2	8.6
SSE	.1	1.1	1.7	1.4	.3	.0						4.7	9.7
S	.1	1.6	2.7	4.6	1.2	.1						10.4	11.4
SSW	.2	1.6	3.1	2.4	.9	.1						8.3	10.3
SW	.1	1.8	2.0	1.2	.6	.1						5.7	9.6
WSW	.1	1.1	1.8	1.3	.5	.1	.0					4.9	10.2
W	.1	1.8	3.9	3.1	1.4	.3	.0					10.7	11.1
WNW	.1	1.2	3.0	3.5	1.4	.4	.3	.0				9.9	12.6
NW	.1	1.2	2.3	3.6	1.6	.3	.0					9.2	12.3
NNW	.1	2.0	3.5	3.6	.7	.1						10.0	10.3
VARB													
CALM												3.1	
	1.4	18.8	33.2	31.6	9.8	1.7	.4	.0				100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 5758

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93730 STATION ATLANTIC CITY NJ STATION NAME 74-81 YEARS MAY MONTH 0000-0200 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	2.4	1.6	1.2								5.4	7.6
NNE	.3	2.4	1.2									3.9	6.1
NE	.1	2.0	1.2	1.2	.3							4.8	8.5
ENE	.1	1.6	.9	.5								3.2	7.3
E	.1	2.0	1.6	.3								4.0	6.8
ESE		.7	.4	.1	.3							1.5	9.1
SE		1.1	.8	.1								2.0	7.3
SSE		1.9	1.2	1.1		.1						4.3	8.4
S	.3	3.2	3.6	1.1	.4	.1						9.7	8.2
SSW	.3	5.8	4.2	1.5	.1							11.8	7.4
SW	.4	5.2	3.4	.5								9.5	6.5
WSW	.7	2.6	2.2	.3								5.6	6.4
W	.7	3.2	3.9	.8								8.6	7.0
WNW	.1	1.9	1.6	.8								4.4	7.5
NW	.1	3.1	1.5	.8	.1							5.6	7.3
NNW		3.8	2.6	.5	.1							7.0	6.9
VARBL													
CALM												9.4	
	3.4	42.9	31.9	10.9	1.3	.3						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93730 STATION ATLANTIC CITY NJ STATION NAME 74-81 YEARS MAY 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 - 53	≥ 56	%	MEAN WIND SPEED
N	.4	5.0	3.9	.3								9.6	6.5
NNE	.4	2.4	.7	.9								4.4	6.9
NE		1.3	1.9	1.3	.4							5.0	9.5
ENE		.8	1.1	.3		.1						2.3	8.4
E	.3	1.9	1.1	.9								4.2	7.2
ESE		1.3	.1	.3	.1	.1						2.0	8.8
SE		1.2	.1			.1						1.5	7.0
SSE		2.7	.8	1.5								5.0	8.0
S		3.9	2.7	.8	.4							7.8	7.5
SSW	.1	3.5	2.7	1.1	.1							7.5	7.4
SW	.4	4.3	2.7	.3								7.7	5.9
WSW	.5	4.3	1.1	.4								6.3	5.8
W	.3	3.4	2.7	.9								7.3	7.0
WNW		3.4	1.9	.5								5.8	7.0
NW		3.1	1.9	.8								5.8	7.2
NNW	.3	4.2	2.4	.1								7.0	5.9
VARBL													
CALM												10.9	
	2.7	46.7	27.7	12.5	1.1	.4						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

9373J STATION ATLANTIC CITY NJ STATION NAME 74-81 YEARS MAY MONTH
 ALL WEATHER CLASS 0600-0600 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	3.5	4.3	1.2	.1							9.3	7.7
NNE	.3	2.0	2.7	1.5								6.5	7.9
NE	.1	1.6	2.4	1.5								5.6	8.7
ENE		1.1	1.5	1.1	.3							3.9	9.3
E		1.5	2.0	.9	.1							4.6	8.3
ESE		.7	.8	.3	.1							1.9	8.9
SE		.7	1.2	1.3								3.2	9.3
SSE	.1	.7	.9	1.2								3.0	9.3
S		2.7	3.0	1.9	.1							7.7	8.5
SSW	.3	2.0	3.1	2.4								7.8	8.9
SW	.1	2.3	2.6	.5	.1							5.6	7.5
WSW	.3	1.7	3.4	1.3								6.7	8.1
W	.3	3.6	4.3	2.4	.3							10.9	8.3
WNW	.1	2.3	1.9	.1	.3	.1						4.8	7.8
NW		2.0	1.7	1.5	.4							5.6	9.2
NNW		3.6	3.0	2.2	.1							8.9	8.1
VARBL													
CALM												4.0	
	1.7	32.0	38.7	21.4	2.0	.1						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 93730 STATION NAME ATLANTIC CITY NJ YEARS 74-91 DAY MONTH 0900-1100
STATION NAME YEARS MONTH HOURS (L.S.T.)

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		1.1	2.2	1.9	.3							5.4	9.9
NNE		.4	1.3	2.3								4.0	10.8
NE	.1	.9	.8	1.2	.1							3.2	9.7
ENE		1.2	2.4	2.2	.4							6.2	10.0
E	.3	1.7	4.4	2.0	.4							3.9	9.1
ESE		.5	2.7	1.6								4.8	9.6
SE		.9	2.3	.5								3.8	8.3
SSE		.8	2.0	2.3	.4	.1						5.6	10.8
S	.1	.9	3.0	3.6	1.1							8.7	11.2
SSW	.1	1.3	2.2	1.7	.3							5.6	9.6
SW	.1	1.1	1.3	1.9	.4							4.8	10.3
WSW		1.3	2.0	3.0								6.3	9.7
W	.1	1.7	4.0	3.8	.7							10.3	10.1
WNW	.1	.5	2.3	2.4	.4	.3						6.0	11.4
NW		.7	2.2	1.9	.7	.1						5.5	11.6
NNW	.3	1.3	3.5	2.7	.4	.1						8.3	10.0
VARBL													
CALM												2.3	
	1.3	16.7	38.6	34.9	5.5	.7						100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 93730 ATLANTIC CITY NJ STATION NAME ATLANTIC CITY NJ YEARS 74-81 MONTH MAY
 CLASS ALL WEATHER HOURS (L.S.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		.3	1.9	.9								3.1	9.8
NNE		.7	1.6	1.1								3.4	9.5
NE	.1	.4	.9	.7								2.2	9.3
ENE		1.2	1.2	2.3								4.7	10.1
E		1.2	3.5	4.2	.3							9.1	10.6
ESE	.1	.5	4.3	2.6								7.5	9.9
SE		.5	2.7	2.4	.3							5.9	10.2
SSE		.7	4.3	4.0	.8							9.8	10.8
S		.4	2.4	8.3	3.1	.3						14.5	13.7
SSW		.1	1.2	3.6	.7							5.6	12.9
SW	.1	.4	.9	1.7	.3	.3						3.8	11.7
WSW		.5	1.6	1.3	.4							3.9	10.7
W		.3	2.8	4.4	1.7	.1						9.4	13.1
WNW		.1	2.6	2.3	.8	.1						5.9	12.1
NW	.1	.4	1.5	3.0	1.1							6.2	12.6
NNW		.5	2.4	1.6	.1							4.7	10.1
VARBL													
CALM												.4	
	.5	8.3	35.9	44.5	9.5	.8						100.0	11.4

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93730 ATLANTIC CITY NJ 74-81 MAY
STATION STATION NAME YEARS MONTH
ALL WEATHER 1500-1700
CLASS HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.4	.9	.1		.1						1.6	9.0
NNE		1.1	1.2	.4								2.7	7.9
NE		.3	.5	.5								1.3	9.3
ENE		.5	1.1	1.3	.1							3.1	10.3
E		.5	5.0	3.6	.1							9.3	10.3
ESE		.4	3.4	2.3								6.0	9.7
SE		.4	3.8	1.1								5.2	9.2
SSE		1.1	4.7	4.4	.4							10.6	10.6
S		.5	4.6	12.4	2.3	.8						20.6	13.1
SSW			1.3	4.8	1.5	.3						7.9	13.7
SW		.1	.7	1.9	.4							3.1	12.8
WSW		.3	.8	1.6	.4							3.1	12.3
W	.1	.4	2.4	3.1	.8							6.9	11.4
WNW		.1	1.5	4.0	.4							6.0	12.1
NW	.1	.3	2.7	3.4	.9	.3						7.7	12.1
NNW		.3	1.7	1.9	.5							4.4	11.2
VARBL													
CALM												.4	
	.3	6.7	36.3	46.9	7.9	1.5						100.0	11.4

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 93730 STATION NAME ATLANTIC CITY NJ YEARS 74-81 MONTH MAY
 CLASS ALL WEATHER HOURS (L.S.T.) 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		.5	1.1	.4								2.0	8.3
NNE	.1	1.2	.8									2.2	5.8
NE		.1	1.2	.8								2.2	9.6
ENE	.1	.9	2.0	1.1	.3							4.4	9.1
E	.3	2.3	4.0	.8	.1							7.5	7.4
ESE	.1	1.2	2.0									3.4	6.8
SE	.1	1.1	2.2	.7								4.0	6.3
SSE		1.8	3.9	.7	.3							6.6	8.2
S	.1	3.8	11.3	7.0	.7	.3						23.2	9.7
SSW		2.6	6.2	4.4	.1							13.3	9.5
SW		1.2	3.0	.5								4.7	6.2
WSW		1.2	2.2	1.1								4.4	8.4
W		1.6	3.1	1.2								5.9	8.5
WNW		.7	1.8	1.2	.1							3.8	10.2
NW	.3	1.1	1.9	1.9	.1							5.3	9.5
NNW		1.3	1.6	1.3	.4							4.7	9.5
VARBL													
CALM												2.3	
	1.2	22.6	48.2	23.2	2.2	.3						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 742

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93730 STATION ATLANTIC CITY NJ 74-81 YEARS MAY MONTH
 ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.8	1.6	.5								3.9	7.6
NNE	.3	2.6	.7									3.5	5.2
NE		1.1	.7	.4	.1							2.3	7.9
ENE		1.1	1.5	.9		.1						3.6	9.1
E	.1	3.0	2.7	.4	.1	.1						6.5	7.4
ESE	.3	.9	.8	.3	.1							2.4	7.2
SE	.3	1.3	1.1	.3								3.0	6.5
SSE		1.6	2.7	.7	.1	.1						5.3	8.4
S	.4	4.9	4.6	2.0	.7							12.6	8.3
SSW		6.6	7.4	3.8	.1							17.9	8.0
SW	.1	3.6	3.8	.1								7.7	6.5
WSW	.3	3.5	3.5	.1								7.4	6.6
W	.3	2.3	3.0	.4								5.9	7.0
WNW	.1	1.2	.8	.5								2.7	7.5
NW	.5	.9	.5	.5								2.6	6.8
NNW	.5	1.8	1.8	.5	.1							4.7	7.6
VARBL													
CALM												8.0	
	3.2	38.2	37.1	11.6	1.5	.4						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 741

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93730
STATION

ATLANTIC CITY NJ
STATION NAME

74-81
YEARS

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

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.9	2.2	.8	.1	.0						5.0	7.9
NNE	.2	1.6	1.3	.8								3.8	7.6
NE	.1	1.0	1.2	1.0	.1							3.3	9.0
ENE	.0	1.1	1.5	1.2	.1	.0						3.9	9.4
E	.1	1.8	3.0	1.6	.2	.0						6.8	8.7
ESE	.1	.8	1.8	.9	.1	.0						3.7	9.0
SE	.1	.9	1.8	.8	.0	.0						3.6	8.6
SSE	.7	1.4	2.6	2.0	.3	.1						6.3	9.6
S	.1	2.5	4.4	4.6	1.1	.2						13.0	10.5
SSW	.1	2.7	3.5	2.9	.4	.0						9.7	9.3
SW	.2	2.3	2.3	.9	.2	.0						5.9	7.9
WSW	.2	1.9	2.1	1.1	.1							5.5	8.1
W	.2	2.1	3.3	2.1	.4	.0						8.2	9.2
WNW	.1	1.3	1.8	1.5	.3	.1						4.9	9.7
NW	.2	1.4	1.7	1.7	.4	.1						5.5	9.9
NNW	.1	2.1	2.4	1.4	.2	.0						6.2	8.5
VABL													
CALM												4.7	
	1.8	26.8	36.8	25.5	3.9	.6						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 5946

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS JUN MONTH
 0000-0200 HOURS (L.S.T.)
 ALL WEATHER CLASS
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	3.2	1.1	.1								4.7	5.9
NNE	.9	2.6	.4	.1								4.0	5.0
NE	.3	1.4	.1	.3								2.1	5.4
ENE	.3	.8	.8	.6								2.5	7.5
E		1.1	.8									1.9	6.1
ESE	.4	1.0	.8									2.2	5.8
SE	.1	1.0	.4									1.5	6.0
SSE	.1	4.2	1.8									6.1	6.0
S	.6	4.3	4.2	3.1								12.1	6.0
SSW	.4	6.2	4.4	1.4								12.5	6.8
SW	.4	4.9	2.2	.6								8.1	6.0
WSW	.4	4.2	3.7									8.3	6.2
W	1.1	3.6	3.1									7.8	5.8
WNW	.1	2.2	1.0	.6								3.9	6.8
NW	.6	3.5	1.2	.1								5.4	5.6
NNW	.8	4.4	1.9	.6								7.8	6.0
VARBL													
CALM												9.0	
	6.8	48.6	28.2	7.4								100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS MONTH JUN 0300-0500 HOURS (L.S.T.)
 ALL WEATHER CLASS
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	4.5	2.1									6.8	5.8
NNE	1.0	1.9	1.0	.1								4.0	5.4
NE	.1	.7	1.1		.1							2.1	7.4
ENE		.8	.8		.3							1.9	7.9
E	.7	2.2	.3	.3								3.5	5.0
ESE	.1	.6	.4									1.1	6.3
SE	.3	1.8	1.0									3.1	5.4
SSE	.6	2.2	1.7	.4								4.9	6.7
S	.7	4.2	3.8	1.4								10.0	7.2
SSW	.6	4.3	5.0	.6								10.4	7.0
SW	.3	4.2	2.5	.4								7.4	6.3
WSW	.1	4.9	3.6									8.6	6.1
W	.6	4.0	2.9	.6								9.1	6.3
WNW		2.9	1.4									4.3	5.8
NW	.1	2.8	1.4	.1								4.5	5.9
NNW	.7	4.6	2.9	.1								8.3	5.8
VARBL													
CALM												11.0	
	6.1	46.6	31.8	4.0	.4							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 719

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93730 ATLANTIC CITY NJ 73-80 JUN
STATION STATION NAME YEARS MONTH
 ALL WEATHER 0600-0800
CLASS HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	3.2	2.2	.4								6.2	6.4
NNE	.6	3.2	1.5	.3								5.6	6.5
NE	.1	.8	2.4	1.8								5.1	9.2
ENE		1.2	.8	.3								2.4	7.0
E	.6	2.5	1.4									4.4	5.6
ESE	.1	1.0	1.4									2.5	6.8
SE	.1	.7	.6									1.4	5.9
SSE	.3	1.5	2.1	.6								4.4	7.1
S	.1	2.6	3.3	1.8	.1							8.1	8.5
SSW	.4	2.5	4.6	2.1								9.6	8.4
SW		3.2	4.3	1.2								8.7	7.7
WSW	.1	1.5	4.2	1.1								6.9	8.0
W	.1	2.8	5.1	.8								8.9	7.9
WNW	.1	2.2	2.9	1.2								6.5	7.7
NW	.1	1.7	1.8	1.2								4.9	8.1
NNW	.8	2.2	3.5	1.2								7.8	7.4
VARBL													
CALM												0.5	
	4.2	32.9	42.1	14.2	.1							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 93730 STATION NAME ATLANTIC CITY NJ YEARS 73-80 MONTH JUN
 CLASS ALL WEATHER HOURS (L.S.T.) 0900-1100
 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		1.5	1.2	.6								3.3	7.8
NNE		1.9	.1	.7								2.8	7.2
NE		1.0	1.4	1.9								4.3	10.4
ENE	.1	.8	1.4	2.2								4.6	9.6
E		2.9	5.0	1.5								9.4	8.0
ESE		.7	2.2	.4								3.3	7.8
SE		1.1	1.7	.3								3.1	7.4
SSE		1.8	1.7	.8	.1							4.4	8.2
S	.1	1.5	3.7	3.9	.3							9.6	9.8
SSW		.7	4.0	2.6								7.4	9.9
SW	.1	2.1	2.5	1.7								6.4	8.5
WSW		.6	3.3	3.1								6.9	9.9
W	.1	2.9	6.1	3.1								12.2	8.6
WNW	.1	.6	1.8	1.9								4.4	10.0
NW	.1	1.1	3.3	3.1	.1							7.8	10.0
NNW	.1	2.4	2.8	2.9	.1							8.3	9.0
VARBL													
CALM												1.7	
	1.0	23.6	42.4	30.7	.7							100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93734 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS JUN MONTH
 ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.5	1.4	.4								2.4	8.2
NNE		.1	.7	.4								1.2	8.8
NE		.6	.8	1.4	.4							3.2	11.3
ENE		.3	1.2	2.5	.1							4.2	11.7
E			3.7	2.8								6.5	10.0
ESE		.4	3.7	1.9								6.1	9.4
SE		.1	5.0	1.1								6.2	9.1
SSE		1.0	5.6	3.1	.3							9.9	10.0
S		.4	4.4	10.1	1.5							16.5	12.4
SSW		.7	2.4	1.9	.6							5.6	10.6
SW		.3	2.1	1.8	.4							4.6	11.2
WSW		.1	2.5	2.4	.1							5.1	11.2
W		1.1	3.5	6.2	.7							11.5	11.1
WNW		.7	1.8	2.9	.4							5.8	10.0
NW		.4	1.8	3.3	.1							5.7	11.5
NNW		.8	2.2	1.7	.3							5.0	10.3
VARBL													
CALM												.4	
		7.6	42.9	44.0	5.0							100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93730
STATION

ATLANTIC CITY NJ
STATION NAME

73-80
YEARS

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

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.3	.4	.3								1.0	8.4
NNE		.4	.1	.4								1.0	8.3
NE			.8	.8								1.7	11.0
ENE			1.4	1.1	.1							2.6	10.9
E		1.1	5.4	3.2	.4							10.2	9.8
ESE		.1	2.5	1.5								4.2	10.1
SE		.7	5.4	.7								6.8	8.5
SSE		.8	5.6	4.0	.3							10.7	10.2
S		.4	4.6	14.9	1.0							20.9	12.3
SSW		.4	1.7	4.9	.8							7.8	12.3
SW			1.4	2.2	.1							3.8	11.5
WSW		.1	1.8	3.6	.3	.1						6.0	12.0
W		.6	2.9	4.9	.7							9.0	11.5
WNW		.3	.8	3.3	.1	.1						4.7	12.5
NW		1.0	1.7	3.1								5.7	10.6
NNW		1.0	.8	1.7	.1							3.6	10.5
VARBL													
CALM												.4	
		7.2	37.4	50.6	4.0	.3						100.0	11.0

TOTAL NUMBER OF OBSERVATIONS 719

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93730 ATLANTIC CITY NJ 73-80 JUN
STATION STATION NAME YEARS MONTH
ALL WEATHER 1600-2000
CLASS HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.1	.6	.1								1.7	6.2
NNE	.1	.6	1.0									1.7	6.4
NE		.4	1.0	.1								1.5	8.5
ENE	.1	1.1	1.1	.4	.1							2.9	7.5
E		2.6	3.6	.7								6.9	7.4
ESE		2.1	2.9	.1								5.1	7.2
SE		1.8	3.2	.6								5.6	7.8
SSE		2.2	6.0	1.8								10.0	8.5
S		3.1	11.8	5.8	.1							20.8	9.3
SSW	.3	2.1	6.9	4.9	.1							14.3	9.7
SW		2.8	3.3	.3								6.4	7.2
WSW		1.7	2.9	.7								5.3	8.0
W		1.7	2.9	.7								5.3	8.0
WNW		1.7	1.7	1.2	.1							4.7	8.7
NW	.3	1.8	.7	.6								3.3	7.1
NNW		1.1	.7	.7	.1							2.6	8.6
VARBL													
CALM												1.5	
	1.0	27.8	50.3	18.7	.7							100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 93730 STATION NAME ATLANTIC CITY NJ YEARS 73-80 MONTH JUN
 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	.1	.7	1.2	.1								2.2	7.2
NNE	.1	1.7	1.2									3.1	6.1
NE	.1	1.1	.6									1.8	6.0
ENE	.1	2.2	.7	.6								3.6	6.4
E	.3	2.6	.4	.3								3.6	5.5
ESE		1.8	.7	.4								2.9	6.8
SE	.3	1.2	1.0	.3								2.8	6.4
SSE	.4	3.3	3.2	.7								7.6	6.7
S		4.9	6.4	2.4	.1							13.7	8.0
SSW	.3	6.4	8.2	3.1	.1							18.1	7.8
SW	.3	4.4	3.2	.4								8.3	6.3
WSW		3.6	2.5	.1								6.2	6.6
W	.3	2.8	2.8	.1								6.0	6.5
WNW	.1	2.2	1.2	.4	.1							4.2	6.9
NW	.1	1.9	1.0	.8	.1							4.0	7.6
NNW	.3	2.5	1.4	.3								4.4	6.6
VARBL													
CALM												7.4	
	2.9	43.5	35.7	10.0	.6							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WIND

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

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS JUN MONTH
 ALL WEATHER CLASS ALL HOURS (L.S.T)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.9	1.3	.3								3.6	6.1
NNE	.3	1.6	.8	.3								2.9	6.1
NE	.1	.7	1.0	.8	.1							2.7	9.1
ENE	.1	.9	1.0	1.0	.1							3.1	8.1
E	.2	1.9	2.6	1.1	.1							5.8	7.1
ESE	.1	1.0	1.8	.6								3.4	8.1
SE	.1	1.1	2.3	.4								3.9	7.1
SSE	.2	2.1	3.4	1.4	.1							7.3	8.1
S	.2	2.7	5.3	5.4	.4							14.0	9.1
SSW	.2	2.9	4.7	2.7	.2							10.7	8.1
SW	.1	2.7	2.7	1.1	.1							6.7	7.1
WSW	.1	2.1	3.1	1.4	.1	.0						6.7	8.1
W	.3	2.4	3.7	2.0	.2							3.6	8.1
WNW	.1	1.6	1.6	1.5	.1	.0						4.3	8.1
NW	.2	1.8	1.6	1.5	.1							5.2	8.1
NNW	.3	2.4	2.0	1.1	.1							6.0	7.1
VARBL													
CALM												4.7	
	2.7	29.7	38.9	22.5	1.4	.0						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 271

AD-A113 180

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
ATLANTIC CITY, NEW JERSEY, REVISED UNIFORM SUMMARY OF SURFACE W--ETC(U)
NOV 81

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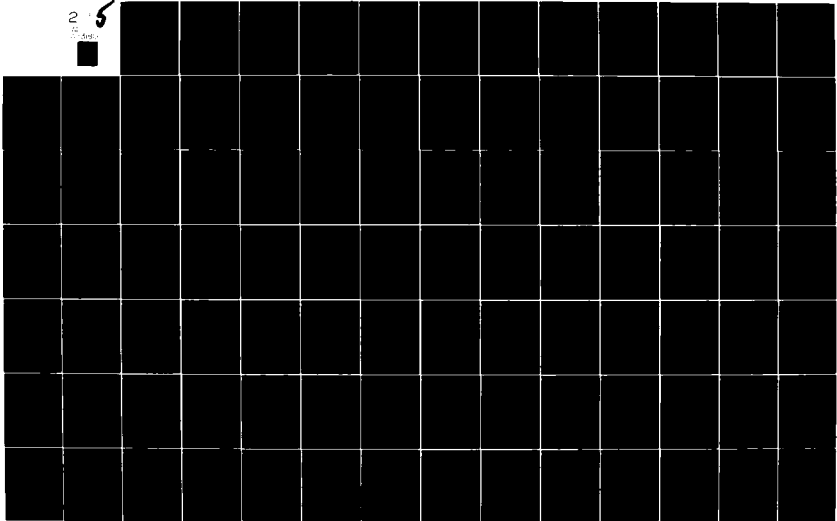
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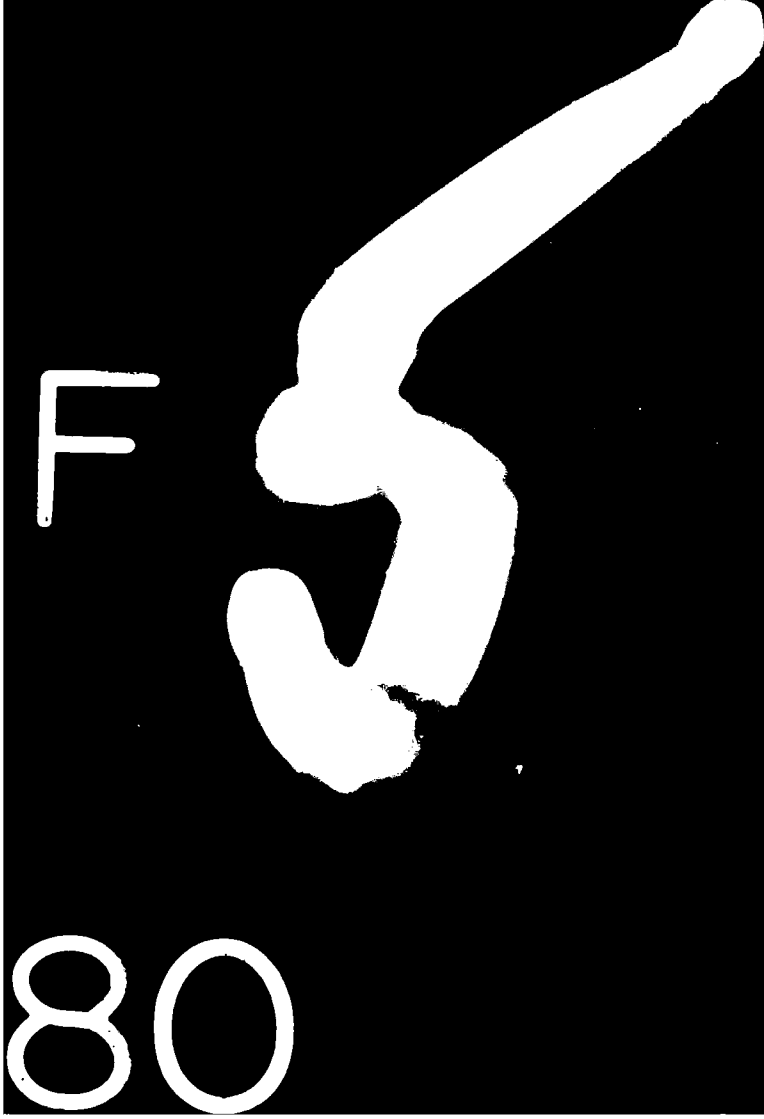
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GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93730
STATION

ATLANTIC CITY NJ
STATION NAME

73-80
YEARS

JUL
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	3.2	2.3	.1								5.9	6.3
NNE	.4	2.3										2.7	4.4
NE	.1	.1	.1									.4	5.3
ENE	.1	.7	.1									.9	4.9
E	.3	2.3	.5									3.1	5.3
ESE		.9	.1									1.1	4.8
SE	.1	.8	.5									1.5	5.7
SSE	.1	1.9	.4									2.4	5.0
S	.1	4.0	1.6	.7								6.5	6.5
SSW	.5	9.1	4.0	1.3	.3							15.3	6.7
SW	.5	7.3	3.1	.5								11.4	6.1
WSW	.5	4.8	3.9	.3								9.5	6.1
W	.7	5.0	3.0	.5								9.1	6.2
WNW	.4	2.7	1.2	.1								4.4	5.8
NW	.4	4.0	.7	.3	.1							5.5	5.7
NNW	.4	4.0	2.2									6.6	5.8
VARBL													
CALM												13.6	
	5.1	53.2	23.8	3.9	.4							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 93730 STATION NAME ATLANTIC CITY NJ YEARS 73-80 MONTH JUL
 CLASS ALL WEATHER HOURS (L.S.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 - 53	≥ 54	%	MEAN WIND SPEED
N	.1	5.0	2.8	.1								8.1	6.0
NNE	.1	.9	.3									1.3	5.4
NE	.1	.5										.7	4.0
ENE	.1	.3										.4	4.0
E	.1	1.7	.7									2.6	5.4
ESE		.4	.3	.1								.8	6.8
SE		.8	.4									1.2	6.3
SSE	.1	2.4		.1								2.7	5.2
S	.7	3.8	1.5	.5								6.5	6.2
SSW	.4	6.6	3.5	1.3								11.8	6.6
SW	.7	4.6	2.8									8.1	5.8
WSW	.1	4.6	2.6	.4								7.7	6.4
W	.5	3.8	3.0	.3								7.5	6.3
WNW	.8	2.6	1.2	.1								4.7	5.5
NW	.4	5.5	1.1									7.0	5.1
NNW	.3	5.4	3.2	.3								9.1	6.0
VARBL													
CALM												19.9	
	4.7	48.8	23.3	3.4								100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS JUL MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	4.7	5.5	.7								11.0	7.0
NNE	.4	3.1	1.6	.1								5.2	5.7
NE	.1	1.1	.4									1.6	5.8
ENE	.3	.9	.3	.1								1.6	5.6
E	.4	1.5	1.1	.5								3.5	6.6
ESE	.1	1.1	.5									1.7	6.3
SE		1.5	.5									2.0	5.9
SSE	.1	1.3	.9	.1								2.6	6.5
S	.1	1.2	1.7	1.3	.3							4.7	9.4
SSW	.1	3.4	3.5	1.1								8.1	7.6
SW	.1	2.4	4.7	.8								8.1	7.9
WSW	.3	3.0	4.6	.9	.1							8.9	7.6
W	.1	4.8	5.2	.7								10.9	7.1
WNW	.3	2.0	2.2	.5								5.0	7.0
NW	.4	2.3	2.3	.4								5.4	6.7
NNW	.4	5.8	3.2	.9								10.3	6.8
VARBL													
CALM												9.4	
	3.5	40.1	38.3	8.3	.4							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 744

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93730 ATLANTIC CITY NJ 73-80 JUL
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
0900-1100
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.2	2.4	1.5								5.1	8.6
NNE	.3	1.7	2.4	.5								5.0	7.2
NE	.1	1.3	1.1	.7								3.2	7.5
ENE	.1	1.2	1.5	.5								3.4	8.1
E	.1	2.2	2.8	.9								6.0	7.8
ESE		.8	1.2	1.3								3.4	8.9
SE		.3	2.7	.1								3.1	8.3
SSE		.9	1.7	.3								3.0	7.6
S		.4	2.4	1.5	.1							4.4	9.8
SSW		.5	3.8	2.4	.3							7.0	10.4
SW	.1	1.1	4.2	2.7	.4							8.5	9.9
WSW	.1	1.6	5.1	2.3								9.1	8.8
W		3.6	6.7	1.5	.4							12.2	8.3
WNW	.3	1.5	2.7	1.1		.1						5.6	8.5
NW		1.9	3.1	2.0								7.0	8.9
NNW	.3	3.5	4.3	2.4								10.5	8.2
VARBL													
CALM												3.5	
	1.5	23.8	48.1	21.8	1.2	.1						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS JUL MONTH
 ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.2	1.3	.8								3.5	8.1
NNE		.5	.8	.3								1.6	7.9
NE		.1	.3	.1								.5	9.0
ENE		.3	.5	.7								1.5	9.7
E	.1	1.2	4.7	2.7								8.7	9.4
ESE		.8	3.6	.7								5.1	8.7
SE		1.1	4.8	1.2								7.1	8.6
SSE		1.1	3.6	3.2								7.9	9.9
S	.1	.8	5.0	5.8	.9							12.6	11.2
SSW	.1	1.1	2.2	3.6								7.0	10.2
SW		.7	3.0	2.8	.5							7.0	10.8
WSW		.8	4.0	3.1	.1							8.1	9.9
W		2.0	6.6	4.2	.1							12.9	9.4
WNW		.8	1.7	1.3								3.9	9.4
NW		1.2	3.0	1.6								5.8	8.9
NNW		1.6	2.3	2.0								5.9	8.8
VARBL													
CALM												.8	
	.5	15.3	47.4	34.1	1.7							100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93730 ATLANTIC CITY NJ 73-80 JUL
STATION STATION NAME YEARS MONTH
ALL WEATHER 1500-1700
CLASS HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.4	1.3	.5								2.3	9.0
NNE		.1	.7									.8	8.3
NE		.1	.5	.1								.8	8.7
ENE		.1	1.2	.7								2.0	9.7
E		1.9	5.1	.9								7.9	8.6
ESE		.7	3.9	.7								5.2	8.5
SE	.1	.9	5.2									6.3	7.8
SSE		1.2	4.3	2.7	.1							8.3	9.4
S		.7	9.2	12.9	1.2	.1						24.1	11.5
SSW		.8	3.5	4.7	.7							9.7	11.2
SW		.3	.8	1.6	.1							2.8	11.3
WSW		.1	2.4	2.7	.1							5.4	10.9
W	.3	1.5	7.0	3.6	.1							12.5	9.4
WNW	.1	.5	2.8	1.7								5.2	9.5
NW		.5	1.5	1.1	.1							3.2	9.6
NNW		.1	1.5	1.1								2.7	10.1
VARBL													
CALM												.5	
	.5	10.1	51.0	35.1	2.6	.1						100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 93730 STATION NAME ATLANTIC CITY NJ YEARS 73-80 MONTH JUL
 CLASS ALL WEATHER HOURS (L.S.T.) 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		.3	.8	.5								1.6	8.5
NNE	.3	.4	.5									1.2	6.4
NE		.1										.1	4.0
ENE	.1	1.5	.5									2.2	5.9
E	.4	3.4	3.1	.5								7.4	6.7
ESE		2.2	1.3									3.5	6.2
SE	.3	2.2	2.2		.1							4.7	6.6
SSE	.3	4.2	4.0	.3								8.7	6.6
S		4.2	11.4	4.0	.1							19.8	8.7
SSW	.3	4.8	10.9	4.0	.4							20.4	8.5
SW		1.5	3.6	.5								5.6	7.6
WSW		2.2	4.0	.5								6.7	7.5
W		2.3	4.0	1.2								7.5	8.1
WNW		.9	2.3	.3								3.5	7.6
NW		1.3	.4	.4								2.2	7.2
NNW		1.2	1.3	.1								2.7	7.0
VARBL													
CALM												2.2	
	1.6	32.5	50.5	12.5	.7							100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 93730 STATION NAME ATLANTIC CITY NJ YEARS 73-80 MONTH JUL
 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	.3	1.6	.5									2.4	5.3
NNE	.3	1.1	.5									1.9	5.9
NE	.3	1.2	.1									1.6	4.4
ENE	.1	.9	.7									1.7	5.5
E	.8	2.8	1.1									4.7	5.0
ESE	.3	1.2	.7									2.2	5.4
SE	.1	1.2	.5									1.9	5.4
SSE		3.2	.7									3.9	5.3
S	.8	6.9	5.0	2.0								14.7	7.0
SSW	.5	9.4	7.4	2.3	.4							20.0	7.2
SW		6.6	3.4	.3								10.2	6.3
WSW	.1	3.5	4.7									8.3	6.6
W	.1	2.6	2.7	.1								5.5	6.5
WNW	.4	2.0	.4	.7								3.5	6.7
NW	.1	1.9	.4	.3								2.7	6.2
NNW	.3	2.4	1.9	.4								5.0	6.4
VARBL													
CALM												9.8	
	4.6	48.5	30.6	6.0	.4							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

9373J STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS JUL MONTH
 ALL WEATHER CLASS ALL HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	2.2	2.1	.5								5.0	7.1
NNE	.2	1.3	.9	.1								2.5	6.2
NE	.1	.6	.3	.1								1.1	6.4
ENE	.1	.7	.6	.3								1.7	7.2
E	.3	2.1	2.4	.7								5.5	7.4
ESE	.1	1.0	1.5	.4								2.9	7.6
SE	.1	1.1	2.1	.2	.0							3.5	7.4
SSE	.1	2.0	2.0	.8	.0							4.9	7.6
S	.2	2.7	4.7	3.6	.3	.0						11.6	9.3
SSW	.3	4.5	4.8	2.6	.3	.0						12.4	8.2
SW	.2	3.0	3.2	1.2	.1							7.7	7.7
WSW	.2	2.6	3.9	1.3	.1							8.0	7.8
W	.2	3.2	4.8	1.5	.1							9.8	7.9
WNW	.3	1.6	1.8	.7		.0						4.5	7.6
NW	.2	2.3	1.5	.8	.0							4.8	7.2
NNW	.2	3.0	2.5	.9								6.6	7.2
VARBL													
CALM												7.5	
	2.8	34.0	39.1	15.6	.9	.0						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 5951

GLCBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS AUG MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	3.9	2.0	.4								6.5	6.4
NNE		2.0	.9									3.0	5.7
NE	.3	1.3	.7	.3								2.6	5.9
ENE	.4	.8	.5	.3								2.0	6.5
E	.1	.4	.3									.8	5.3
ESE		.4										.4	4.3
SE	.1	.4	.3									.8	5.0
SSE	.1	2.4	.5	.4								3.5	6.3
S	.8	4.0	3.5	.4								8.7	6.4
SSW	.4	5.8	5.1	.3								11.6	6.6
SW	.4	6.3	2.7	.4								9.8	6.1
WSW	.8	6.9	1.1									8.7	5.1
W	.4	3.2	2.4	.1	.4							6.6	6.8
WNW	.1	2.8	.7									3.6	5.4
NW	.8	5.0	.5									6.3	4.8
NNW	.8	4.3	.8	.1								6.0	5.1
VARBL													
CALM												19.1	
	5.8	50.0	22.0	2.7	.4							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS AUC MONTH
 ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	5.5	2.2	.1								3.1	5.8
NNE	.1	2.4	.9	.4								3.9	6.1
NE		.7	.5	.3								1.5	7.4
ENE		.5	.4	.1								1.1	6.9
E	.5	.5	.8									1.9	5.4
ESE		.3										.3	4.5
SE	.1	.4	.1	.1								.8	6.2
SSE	.3	2.4	.5	.3								3.5	5.6
S	.3	2.7	1.5	.7								5.1	6.8
SSW	.4	5.5	4.7	.4								11.0	6.4
SW	.7	5.2	2.2	.5								8.6	6.1
WSW	.4	4.6	.7	.3	.1							6.2	5.7
W	.4	5.8	1.1	.3								7.5	5.5
WNW	.1	3.6	.9									4.7	5.3
NW	.3	7.0	.8									8.1	5.0
NNW	1.2	5.5	1.2	.1								8.1	5.3
VARBL													
CALM												19.9	
	5.1	52.7	18.5	3.6	.1							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS AUG MONTH
 ALL WEATHER CLASS 0600-0800 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	4.2	4.0									8.6	6.4
NNE	.3	2.3	1.7	.7								5.7	6.8
NE	.1	3.0	1.5	.3								4.8	6.3
ENE		1.1	.9	.3								2.3	7.4
E	.1	1.3	.4	.1								2.0	5.6
ESE	.1	.5	.1									.8	5.7
SE	.1	1.2	.7									2.0	6.1
SSE	.5	2.2	.5	.3								3.5	5.7
S	.3	1.3	1.7	.8								4.2	7.7
SSW		5.0	3.8	1.3	.3							10.3	7.3
SW	.3	3.4	3.0	1.2								7.8	7.3
WSW	.1	2.3	3.5	.4								6.3	7.1
W	.3	3.5	3.6	.7								8.1	6.7
WNW	.1	3.5	1.3	.3								5.2	5.9
NW	.3	3.9	1.5	.1								5.8	5.8
NNW	.8	6.9	3.1	.4								11.2	5.9
VARBL													
CALM												12.1	
	3.9	45.4	31.5	6.9	.3							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIP WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 93730 STATION NAME ATLANTIC CITY NJ YEARS 73-80 MONTH AUG
 CLASS ALL WEATHER HOURS (L.S.T.) 0900-1100
 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	.3	4.2	2.6	.7								7.7	6.6
NNE	.1	2.0	3.0	.7								5.8	7.6
NE		2.2	2.8	1.1								6.0	8.1
ENE	.3	1.1	1.9	1.2								4.4	8.5
E		2.2	3.5	.7								6.3	7.5
ESE		.9	.5	.1								1.6	6.6
SE	.3	1.2	1.1	.4								3.0	6.8
SSE	.1	.7	1.6	.4								2.8	8.4
S	.3	1.3	2.8	1.6	.3							6.3	8.8
SSW	.1	1.9	3.8	1.5	.1							7.4	8.5
SW	.1	2.7	4.7	2.8	.1							10.5	8.7
WSW	.1	1.5	3.8	1.7	.1							7.3	9.0
W	.7	4.2	5.6	1.1								11.6	7.3
WNW	.1	2.2	2.6	.9								5.8	7.6
NW		3.2	1.3	.7								5.2	6.7
NNW	.1	2.4	2.8	.5								5.9	7.2
VARBL													
CALM												2.4	
	2.7	33.7	44.4	16.1	.7							100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS AUG MONTH
 1200-1400 HOURS (L.S.T.)
 ALL WEATHER CLASS
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.0	1.3	.7								4.4	7.1
NNE		.8	.7	.5								2.0	8.1
NE		.9	.7	.5								2.2	8.1
ENE		1.1	1.5	2.0								4.6	9.9
E	.1	1.1	4.0	1.5								6.7	8.8
ESE		.8	3.2	.3								4.3	8.3
SE		.9	3.0	.5								4.4	8.2
SSE		1.9	4.4	2.4								8.7	8.8
S		.3	4.0	5.9	.4							10.6	11.3
SSW		.5	4.0	2.6	.4							7.5	10.3
SW	.1	2.0	3.5	3.2	.4							9.3	9.7
WSW	.3	1.2	3.4	2.4	.1							7.4	9.2
W	.3	2.2	5.5	3.0	.1							11.0	8.9
WNW	.3	2.0	2.2	1.2								5.6	7.6
NW		1.9	2.4	1.1								5.4	8.1
NNW		1.1	2.8	.7	.1							4.7	8.4
VARBL													
CALM												1.1	
	1.5	20.7	46.6	28.5	1.6							100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS AUG MONTH
 1500-1700 HOURS (L.S.T.)

ALL WEATHER
 CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.8	1.6	.4								2.8	7.8
NNE		.1	.4	1.3	.1							2.0	11.4
NE		.1	1.1	.3								1.5	8.8
ENE		.4	1.7	1.3								3.5	9.7
E	.1	2.0	5.1	1.1	.1							8.5	8.0
ESE	.1	1.1	2.6	.4								4.2	8.0
SE		2.2	3.5	.4	.1							6.2	7.7
SSE	.1	1.7	6.1	3.0								10.9	9.1
S		.8	8.2	9.2	.8							19.0	11.2
SSW		.7	4.2	2.4	.3							7.5	10.4
SW		.5	3.8	2.0								6.3	9.7
WSW		.3	2.7	2.0								5.0	9.9
W		1.7	5.5	2.2	.3							9.7	9.1
WNW		1.3	3.2	1.3								5.9	8.7
NW	.1	.8	2.3	.7								3.9	8.5
NNW		.3	2.2	.5	.1							3.1	9.5
VARBL													
CALM													
	.5	14.9	54.1	28.5	1.9							100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS AUG MONTH
 1800-2000 HOURS (L.S.T.)
 ALL WEATHER CLASS
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.9	1.3			.1						3.6	6.7
NNE		1.3	.5	.7	.1							2.7	8.4
NE	.1	1.6	.4	.1								2.3	6.0
ENE		1.9	1.2	.1								3.2	6.8
E	.5	3.9	1.9									6.3	5.7
ESE	.4	2.0	1.2									3.6	5.8
SE	.5	3.1	.5									4.2	5.2
SSE	.1	3.9	3.6	.3								7.9	6.7
S	.1	6.1	10.0	1.7								17.9	7.7
SSW	.4	3.4	8.2	2.2								14.1	8.0
SW	.3	3.9	2.8	.5								7.5	6.7
WSW	.1	3.2	.9	.1								4.4	6.0
W		4.6	2.6	.5		.1						7.8	7.0
WNW	.4	2.3	1.3									4.0	6.0
NW		2.6	.7	.1								3.4	6.1
NNW	.3	1.6	.4		.1	.1						2.6	6.9
VARBL													
CALM												4.3	
	3.6	47.2	37.7	6.5	.3	.4						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS AUG MONTH
 ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		1.5	.9	.5								3.0	7.2
NNE	.3	1.2	.3									1.7	5.0
NE	.5	2.0	.3	.4								3.2	5.9
ENE	.3	1.2	.5	.1								2.2	5.9
E	.8	1.2	1.1	.1								3.2	5.8
ESE	.3	1.1										1.3	4.0
SE	.4	1.7	.1									2.3	4.7
SSE	1.2	3.1	2.6									6.9	5.9
S	.1	5.0	3.9	.3								9.3	6.5
SSW	.8	6.9	6.7	1.7								16.2	7.0
SW	.9	7.4	3.0	.3								11.6	5.9
WSW	.3	6.2	.9									7.4	5.4
W	.5	3.6	1.3	.1	.1	.1						5.9	6.2
WNW	.1	1.6	.4	.3								2.4	5.8
NW	.3	3.8	.4			.3						4.7	6.4
NNW	.4	2.0	.5									3.0	5.1
VARBL													
CALM												15.7	
	7.3	49.5	23.0	3.9	.1	.4						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 743

2

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS AUG MONTH
 ALL WEATHER CLASS ALL HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	3.0	2.0	.4		.0						5.6	6.6
NNE	.1	1.5	1.1	.5	.0							3.3	7.2
NE	.1	1.5	1.0	.4								3.0	7.0
ENE	.1	1.0	1.1	.7								2.9	8.1
E	.3	1.6	2.1	.4	.0							4.5	7.1
ESE	.1	.9	1.0	.1								2.1	6.9
SE	.2	1.4	1.2	.2	.0							3.0	6.7
SSE	.3	2.3	2.5	.9								6.0	7.4
S	.2	2.7	4.5	2.6	.2							10.1	8.7
SSW	.3	3.7	5.1	1.5	.1							10.7	7.8
SW	.4	3.9	3.2	1.4	.1							8.9	7.4
WSW	.3	3.3	2.1	.9	.1							6.6	7.1
W	.3	3.6	3.5	1.0	.1	.0						8.5	7.4
WNW	.2	2.4	1.6	.5								4.7	6.7
NW	.2	3.5	1.2	.3		.0						5.3	6.2
NNW	.5	3.0	1.7	.3	.1	.0						5.6	6.4
VARB													
CALM												9.3	
	1.8	39.3	34.7	12.1	.7	.1						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 5949

GLCRAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 93730 STATION NAME ATLANTIC CITY NJ YEARS 73-80 MONTH SEP
 CLASS ALL WEATHER HOURS (L.S.T.) 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	.6	5.8	4.6	.1								11.1	6.3
NNE	.6	3.3	1.8		.3							5.0	6.7
NE	.4	1.0	.8	.3								2.5	7.0
ENE	.1	.6	.4									1.1	5.5
E	1.1	2.4	1.8	.1								5.4	5.8
ESE	.1	1.2	1.0									2.4	6.5
SE		.3	1.5	.3								2.1	8.9
SSE	.1	1.4	.4	.3		.1						2.4	7.1
S		1.2	.3									1.5	5.9
SSW	.4	4.0	3.5	1.7								9.6	7.5
SW	.6	4.9	3.6	.6	.1							9.7	6.7
WSW		4.0	1.4									5.4	5.8
W	.1	2.1	1.7	.1								4.0	6.5
WNW	.3	1.8	1.2	.3	.1							3.7	7.3
NW	.1	4.3	1.1	.1								5.7	5.5
NNW	.6	5.6	1.0	.3								7.4	5.4
VARBL													
CALM												23.0	
	5.1	43.9	26.1	4.2	.6	.1						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS SEP MONTH
 CLASS ALL WEATHER HOURS (L.S.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	.6	6.9	4.2	1.0								12.6	6.3
NNE	.8	3.3	1.1	.4								5.7	5.8
NE	.1	.4	.6	.7								1.8	8.5
ENE	.1	1.1	.1									1.4	4.7
E	.7	3.5	.6	.7								5.4	5.9
ESE	.1	1.1	.3	.4								1.9	6.9
SE		1.2	1.1									2.4	7.1
SSE		.8	.8	.4		.3	.1					2.5	11.0
S	.1	1.7	.6	.1								2.5	6.2
SSW	.3	3.1	1.8	1.0								6.1	7.2
SW	.4	4.0	1.8	.7								6.9	6.5
WSW		4.3	1.7	.1								6.1	5.6
W	.6	2.9	3.1									6.5	6.0
WNW		2.5	.8									3.3	6.0
NW	.7	5.3	1.8	.3								8.1	5.7
NNW	.8	4.7	2.1	.6								8.2	5.9
VARBL													
CALM												18.5	
	5.4	46.9	22.4	6.4		.3	.1					100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93730 ATLANTIC CITY NJ 73-80 SEP
STATION STATION NAME YEARS MONTH
ALL WEATHER 0600-0800
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	5.7	6.0	1.4								13.4	7.1
NNE	.3	5.1	2.9	.8								9.2	6.6
NE		1.4	1.0	.4								2.8	7.2
ENE	.1	1.0	.6	.3								1.9	6.4
E	.4	1.5	1.1	.7								3.8	7.1
ESE	.1	1.3	.3									1.7	5.0
SE		.8	1.1	.3								2.2	7.3
SSE	.3	.4	1.1	.6	.3							2.6	9.0
S	.3	1.9	1.3	.3	.1	.1						4.0	7.6
SSW		2.6	2.5	.3		.3						5.7	7.7
SW	.6	3.1	2.4	1.1	.3							7.4	7.4
WSW	.1	4.3	2.5									7.0	6.2
W	.6	3.5	2.4	.1								6.5	6.1
WNW		1.8	1.7	.4								3.9	6.9
NW	.4	2.5	1.9	.3								5.1	6.3
NNW	.3	5.1	3.2	.6								9.2	6.5
VARBL													
CALM												13.6	
	3.8	42.1	31.8	7.5	.7	.4						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 719

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 93730 STATION NAME ATLANTIC CITY NJ YEARS 73-80 MONTH SEP
 CLASS ALL WEATHER HOURS (L.S.T.) 0900-1100
 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	.3	2.4	6.2	1.4								10.3	8.2
NNE	.1	1.1	4.2	1.0								6.4	8.2
NE		2.2	3.2	1.0								6.4	8.1
ENE		1.2	2.1	1.9								5.3	9.6
E	.7	1.8	3.1	.7								6.2	7.2
ESE		1.2	1.7	1.1								4.0	8.3
SE	.4	1.8	1.5	.7	.1							4.6	7.5
SSE		.4	1.8	.8	.3							3.3	10.2
S		1.4	2.2	2.1	.1							5.8	9.7
SSW	.1	1.8	2.4	1.5	.3							6.1	8.9
SW		2.2	1.8	2.6	.4							7.1	9.5
WSW	.1	2.4	2.4	1.1	.1							6.1	8.3
W	.3	2.9	4.6	.7								8.5	7.4
WNW	.1	1.0	2.4	.4								3.9	7.9
NW	.4	1.1	2.9	1.8								6.2	8.8
NNW	.1	1.8	3.6	2.2								7.8	8.8
VARBL													
CALM												1.9	
	2.8	26.8	46.0	21.1	1.4							100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS SEP MONTH
 ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		1.8	2.6	.6								5.0	7.6
NNE		1.4	1.5	1.1								4.0	8.0
NE		.6	1.8	.6								2.9	8.8
ENE		.7	2.8	2.2								5.7	10.0
E	.1	1.9	3.9	1.8								7.8	8.6
ESE		.8	2.2	1.4								4.4	8.7
SE		.8	3.1	1.1	.3							5.3	9.3
SSE		.8	3.2	2.1								6.1	9.8
S		.8	3.1	4.6	.8	.1						9.4	11.4
SSW		.3	1.7	2.9	.7	.1						5.7	12.2
SW	.4	.8	3.5	1.5	.3							6.5	9.1
WSW		.7	2.2	2.2	.4							5.6	10.6
W		1.8	6.4	2.4								10.6	8.9
WNW	.1	.7	3.2	2.2								6.2	9.6
NW	.1	1.7	3.3	1.4								6.5	8.5
NNW	.3	1.0	2.8	2.5	.1							6.7	9.4
VARBL													
CALM												1.5	
	1.1	16.7	47.2	30.6	2.6	.3						100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93730 ATLANTIC CITY NJ 73-80 SEP
STATION STATION NAME YEARS MONTH
ALL WEATHER 1500-1700
CLASS HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.6	1.7	.3								2.9	7.4
NNE		.3	1.0	1.0								2.2	9.6
NE		.7	2.2	.8								3.7	8.9
ENE		.7	2.4	1.1								4.2	8.8
E		2.2	6.1	.6								8.9	8.1
ESE		1.1	3.3	1.1	.1							5.7	8.7
SE	.3	2.1	3.1	.3	.3							6.0	7.2
SSE		.1	4.4	1.1								5.7	9.1
S		.3	10.7	5.6	.6							17.1	10.4
SSW		1.2	3.1	2.6	1.1							8.1	11.2
SW		.1	2.8	.7								3.6	8.8
WSW	.1	.8	1.7	1.2	.1							4.0	9.6
W		1.7	6.2	2.4	.1							10.4	9.1
WNW		.4	3.9	2.9								7.2	10.0
NW		.4	3.9	1.0								5.3	9.0
NNW		.7	2.6	1.0								4.3	9.2
VARBL													
CALM												.7	
	.8	13.5	59.0	23.6	2.4							100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93730 ATLANTIC CITY NJ 73-80 SEP
STATION STATION NAME YEARS MONTH
 ALL WEATHER 1800-2000
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	2.4	1.0	.1								3.6	6.1
NNE	.1	2.9	1.8	.3								5.1	6.5
NE	.4	1.2	2.4									4.0	6.6
ENE	.3	1.2	1.4	.4								3.3	7.3
E	.7	6.0	1.4	.4	.1							8.6	5.9
ESE	.3	1.8	.7	.4								3.2	6.4
SE	.1	2.4	.7	.1								3.3	5.8
SSE	.1	2.9	1.0	.6								4.6	6.7
S	.3	5.4	7.8	2.2	.6							16.2	7.9
SSW	.3	3.6	6.5	2.1								12.5	9.1
SW	.4	2.1	1.9	.3	.1							4.9	6.4
WSW		2.9	1.8									4.7	6.0
W		3.6	2.1	.3								6.0	6.5
WNW		3.6	1.2	.3		.1						5.3	6.7
NW	.3	3.1	.4									3.7	5.2
NNW		2.6	1.5									4.2	6.1
VARBL													
CALM												6.7	
	3.5	47.8	33.6	7.5	.8	.1						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 9373C STATION NAME ATLANTIC CITY NJ YEARS 73-80 MONTH SEP
 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	.4	3.7	2.6	.4								7.2	6.4
NNE	.4	2.9	1.5	.3	.1							5.3	6.4
NE	.1	1.5	1.2	.1								3.1	6.7
ENE		.8	1.1	.3								2.2	7.5
E	.7	2.4	1.9	.4								5.4	6.2
ESE	.4	1.0	.7	.1								2.2	6.1
SE	.6	1.0	.6	.3	.1							2.5	7.0
SSE	.4	2.1	.4									2.9	4.9
S		2.9	2.2	.6	.1							5.8	7.4
SSW	.7	3.9	4.6	2.4								11.5	7.6
SW	.6	5.4	1.8	.8								8.6	6.2
WSW	.6	4.3	1.4									6.2	5.3
W	.4	1.7	1.7	.1								3.9	6.1
WNW		2.6	1.0	.4								4.0	6.4
NW	.3	2.9	.8	.4								4.4	6.4
NNW	.6	2.8	1.9	.4								5.7	6.3
VARBL													
CALM												18.9	
	6.1	41.9	25.6	7.1	.4							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

9373w STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS SEP MONTH ALL HOURS (L.S.T.)
 ALL WEATHER CLASS
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	3.7	3.6	.7								9.3	6.9
NNE	.3	2.6	2.0	.6	.1							5.3	7.0
NE	.1	1.1	1.6	.5								3.4	7.6
ENE	.1	.9	1.4	.8								3.1	7.4
E	.6	2.7	2.5	.7	.0							6.5	7.0
ESE	.1	1.2	1.3	.6	.0							3.2	7.5
SE	.2	1.3	1.6	.4	.1							3.5	7.6
SSE	.1	1.1	1.6	.7	.1	.1	.0					3.8	8.6
S	.1	2.0	3.5	1.9	.3	.0						7.8	9.1
SSW	.2	2.6	3.2	1.8	.3	.1						8.2	8.6
SW	.4	2.8	2.4	1.0	.2							6.8	7.5
WSW	.1	3.0	1.9	.6	.1							5.6	7.0
W	.2	2.5	3.5	.8	.0							7.0	7.4
WNW	.1	1.8	1.9	.9	.0	.0						4.7	7.9
NW	.3	2.7	2.0	.7								5.6	7.0
NNW	.3	3.0	2.3	.9	.0							6.7	7.1
VARBL													
CALM												10.2	
	3.6	35.0	36.5	13.5	1.1	.2	.0					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 5759

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 93730 ATLANTIC CITY NJ STATION NAME 73-80 YEARS OCT MONTH
ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	3.9	2.8	.7								7.8	6.6
NNE		1.9	2.2	.1								4.2	7.0
NE		.8	1.1	.8								2.7	8.6
ENE		.8	.8	.5								2.2	8.1
E	.4	.4	1.3	.3	.1	.1						2.7	9.5
ESE	.1	.7	.4									1.2	5.6
SE	.1	.8	.5									1.5	6.3
SSE	.1	1.1	1.1									2.3	6.5
S	.1	2.0	1.6	.4	.3							4.4	7.6
SSW	.7	3.0	2.3	.5								6.5	6.9
SW	.5	2.7	1.6	.4								5.2	6.4
WSW	.5	3.2	3.6	.9	.5							8.9	7.7
W	.3	4.0	5.0	1.3	.3	.1						11.0	8.0
WNW	.4	2.7	1.9	.7								5.6	6.7
NW	.4	4.0	3.0									7.4	6.1
NNW	.3	5.1	2.6	.4								8.3	6.1
VARBL													
CALM												18.1	
	4.4	37.1	31.7	7.1	1.2	.3						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 744

2

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93730 ATLANTIC CITY NJ 73-80 GCT
STATION STATION NAME YEARS MONTH
ALL WEATHER 0300-0500
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	5.5	3.6	1.3								11.0	7.0
NNE	.1	2.0	2.4	.1								4.7	6.9
NE		.8	1.2	.3								2.3	8.2
ENE	.1	.9	.5	.5	.1							2.3	8.4
E		1.1	.9	.8	.1							3.0	9.0
ESE	.3	.4	.3									.9	5.1
SE	.3	1.1	.5	.3								2.2	6.6
SSE	.4	.8	.5	.1								1.9	6.6
S	.3	1.2	.5	.3	.1							2.4	7.0
SSW	.4	2.6	2.4	.8								6.2	7.0
SW	.8	3.6	1.1	.3								5.8	5.6
WSW	.5	3.5	1.9	.7								6.6	6.3
W	.7	3.8	5.5	1.6	.5							12.1	8.1
WNW	.3	2.7	2.4	.1								5.5	6.5
NW	.7	3.2	2.4	.3								6.6	6.2
NNW	1.1	5.0	2.0	.4								8.5	5.7
VARBL													
CALM												18.1	
	6.5	38.2	28.4	7.9	.9							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 92730 STATION NAME ATLANTIC CITY NJ YEARS 73-80 MONTH OCT
 CLASS ALL WEATHER HOURS (L.S.T.) 0600-0600
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	5.4	4.7	1.6								12.0	7.3
NNE	.3	1.1	3.6	.9								5.9	7.9
NE	.1	1.2	.5	.8								2.7	7.7
ENE	.1	1.2	.5	.4								2.3	6.8
E	.3	1.5	.9	.8	.3	.1						3.9	8.6
ESE	.1	.1	.4	.1								.8	7.2
SE		.5	.8	.1								1.5	8.1
SSE	.1	.9	.4	.4	.3							2.2	8.8
S		1.7	1.3	.5	.1							3.8	7.6
SSW	.4	1.5	3.2	.1	.4	.1						5.8	8.6
SW	.9	2.8	2.3	.5								6.6	6.6
WSW	.7	3.2	3.2		.1							7.3	6.6
W	.3	3.4	4.3	1.9	.5	.1						10.5	8.7
WNW	.7	2.3	4.4	.8								8.2	7.5
NW	.8	2.2	3.6	.5								7.1	6.8
NNW	.5	4.3	2.4	.5								7.8	6.5
VARBL													
CALM												11.8	
	5.6	33.3	36.8	10.2	1.7	.4						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 95730 STATION NAME ATLANTIC CITY NJ YEARS 73-80 MONTH OCT
 CLASS ALL WEATHER HOURS (L.S.T.) 0900-1100
 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		2.4	4.6	2.3	.1							9.4	8.6
NNE	.3	.9	3.0	2.6	.3							7.0	9.8
NE		.9	1.2	1.6	.1							3.8	9.8
ENE		.5	1.6	.9		.1						3.2	9.9
E	.1	1.1	2.3	1.2	.1	.1						5.0	9.5
ESE		1.3	1.2		.3		.1					3.0	8.7
SE		.5	1.1	.9								2.6	9.4
SSE	.3	.7	1.6	.9	.3		.1					3.9	10.0
S	.1	.8	1.1	1.3	.1							3.5	9.6
SSW	.1	1.1	1.7	2.3	.1							5.4	10.0
SW		1.7	2.0	2.0	.9							6.7	10.4
WSW		1.1	2.4	2.8	.4							6.7	10.2
W	.3	1.7	4.8	2.7	1.5							11.0	10.5
WNW		1.5	3.5	5.0	.3	.3						10.5	10.8
NW	.4	1.3	1.6	3.5	.7	.1						7.7	10.4
NNW		1.9	2.6	3.1	.4							7.9	10.1
VARBL													
CALM												2.8	
	1.6	19.5	36.3	33.2	5.6	.7	.3					100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 93730 STATION NAME ATLANTIC CITY NJ YEARS 73-80 MONTH OCT
 CLASS ALL WEATHER HOURS (L.S.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	.1	.9	2.6	1.2								4.8	9.0
NNE		.9	1.3	.5	.3							3.1	9.3
NE		.3	1.1	1.9								3.2	11.1
ENE		.3	1.3	2.6	.1							4.3	11.1
E		.7	2.6	1.3								4.6	9.3
ESE	.1	.5	1.7	.7	.1							3.2	8.7
SE	.3	1.9	3.6	1.3								7.1	8.5
SSE	.1	.7	2.0	1.1	.3							4.2	9.8
S	.1	.7	3.6	3.2		.1						7.8	10.3
SSW		.8	1.9	2.3	.3	.3						5.5	11.2
SW		.5	2.4	2.0	.5	.3						5.8	11.7
WSW		1.1	2.2	3.5	.3							7.0	10.7
W		1.5	4.7	5.1	2.2							13.4	11.7
WNW	.1	1.5	3.6	5.5	.8	.1						11.7	11.0
NW		1.6	2.6	3.2	.8							8.2	10.7
NNW		.9	2.0	1.6	.4							5.0	10.2
VARBL													
CALM												1.1	
	.9	14.8	39.2	37.1	6.0	.8						100.0	10.4

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93730
STATION

ATLANTIC CITY NJ
STATION NAME

73-80
YEARS

OCT
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.7	1.7	1.2								3.8	9.0
NNE	.1	.3	.9	.3								1.6	8.4
NE		.5	.3	.8	.3							1.9	11.1
ENE	.1	1.2	2.2	1.6								5.1	8.8
E	.3	1.3	4.0	1.2								6.9	8.4
ESE		.9	2.8	.5	.4	.1						4.8	9.3
SE		1.1	2.8	.1								4.0	7.7
SSE		1.1	3.0	.8	.1							5.0	8.7
S	.1	1.1	8.1	3.1	.3							12.6	9.5
SSW	.1	.7	1.7	2.0	.4	.1						5.1	11.4
SW		1.3	1.9	1.3	.1							4.7	8.4
WSW	.1	1.2	2.2	2.3	.1							5.9	9.5
W	.1	3.0	5.9	4.3	1.1							14.4	10.0
WNW		.9	3.4	3.9	.4							8.6	10.7
NW	.4	.8	3.0	3.9	.4							8.5	10.3
NNW		.8	3.2	1.9	.1							6.0	9.6
VARBL													
CALM												1.1	
	1.6	16.9	47.0	29.3	3.8	.3						100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 93730 STATION NAME ATLANTIC CITY NJ YEARS 73-80 MONTH OCT
 CLASS ALL WEATHER HOURS (L.S.T.) 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	.7	1.5	1.3	.4								3.9	7.0
NNE		1.3	.9	.1								2.4	6.6
NE	.4	.7	.3	.9								2.3	7.8
ENE	.4	1.5	.8	.9								3.6	7.5
E	.5	4.6	1.3	1.9								8.3	6.8
ESE		1.5	.3	.1	.1							2.0	6.7
SE	.3	2.2	.4	.4								3.2	6.4
SSE		1.1	.8	.3	.1							2.3	7.7
S	.5	2.8	3.4	1.1								7.8	7.2
SSW	.5	4.3	3.4	1.6								9.8	7.3
SW	1.2	2.6	2.2	.3								6.2	5.8
WSW	.3	3.4	2.7	.1	.3							6.7	7.0
W	.5	5.1	5.0	1.7	.4							12.8	7.5
WNW	.5	2.0	3.5	.3								6.3	6.9
NW	.7	1.1	3.4	.8								5.9	7.6
NNW	.5	3.1	1.7	1.2								6.6	6.9
VARBL													
CALM												9.8	
	7.1	38.6	31.3	12.2	.9							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 93730 STATION NAME ATLANTIC CITY NJ YEARS 73-80 MONTH OCT
 CLASS ALL WEATHER HOURS (L.S.T.) 2100-2300
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		3.5	3.0	1.1								7.5	7.1
NNE	.1	1.5	1.1	.1								2.8	6.6
NE		.5	1.2	.8								2.6	9.0
ENE		.9	.3	.4								1.6	7.2
E	.4	2.0	1.5	1.1	.1							5.1	7.8
ESE	.3	.8	.5	.1								1.7	6.3
SE	.1	1.9	.5									2.6	5.4
SSE	.1	1.3	.5									2.0	6.0
S	.1	1.9	1.5	.4								3.9	7.0
SSW	.7	2.8	2.6	1.3	.1	.1						7.7	7.8
SW	1.3	4.4	2.3	.8		.1						9.0	6.3
WSW	1.1	3.2	3.6	.3	.4							8.6	6.9
W	.9	3.1	5.4	1.3	.1							10.9	7.5
WNW	.9	2.2	1.9	.3								5.2	6.2
NW	.7	2.4	3.1	.7								6.9	6.9
NNW	.9	2.8	2.4	.8								7.0	6.7
VARBL													
CALM												14.6	
	7.8	35.4	31.4	9.6	.8	.3						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS
 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	.3	3.0	3.0	1.2	.0							7.5	7.6
NNE	.1	1.2	1.9	.6	.1							4.0	8.0
NE	.1	.7	.9	1.0	.1							2.7	9.2
ENE	.1	.9	1.0	1.0	.0	.0						3.1	8.8
E	.3	1.6	1.9	1.1	.1	.1						4.9	8.4
ESE	.1	.8	1.0	.2	.1	.0	.0					2.2	7.9
SE	.1	1.2	1.3	.4								3.1	7.5
SSE	.2	1.0	1.2	.5	.1		.0					3.0	8.4
S	.2	1.5	2.6	1.3	.1	.0						5.8	8.6
SSW	.4	2.1	2.4	1.4	.2	.1						6.5	8.5
SW	.6	2.5	2.0	1.0	.2	.1						6.3	7.6
WSW	.4	2.5	2.7	1.3	.3							7.2	8.0
W	.4	3.2	5.1	2.5	.8	.0						12.0	9.1
WNW	.4	2.0	3.1	2.1	.2	.1						7.7	8.8
NW	.5	2.1	2.8	1.6	.2	.0						7.3	8.3
NNW	.4	3.0	2.4	1.2	.1							7.1	7.5
VARBL													
CALM												9.7	
	4.5	29.2	35.3	18.3	2.6	.3	.0					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 5951

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 93730 STATION NAME ATLANTIC CITY NJ YEARS 73-80 MONTH NOV
 CLASS ALL WEATHER HOURS (L.S.T.) 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	.3	2.9	2.5									5.7	6.2
NNE	.3	2.1	1.5									3.9	6.0
NE	.1	.4	.3	.4								1.2	8.4
ENE	.6	1.0	.3	.6								2.4	7.1
E	.1	1.1	.3	1.7								3.2	9.0
ESE		.3	.3									.6	7.0
SE		.4	.3	.1								.8	7.7
SSE	.3	.7	1.1	.4								2.5	7.8
S	.1	1.8	2.1	1.2								5.3	8.2
SSW	.1	2.2	2.9	2.6	.1							8.1	9.0
SW		4.2	3.3	.3								7.8	6.5
WSW	.4	2.5	4.2	1.1	.3							8.5	8.1
W	.6	3.7	4.9	2.2	.7							12.1	8.5
WNW	.4	3.2	3.3	1.8								8.7	7.8
NW	.6	4.4	3.2	2.5	.6	.1						11.4	6.7
NNW	.4	2.4	2.8	1.1								6.7	7.5
VARBL													
CALM												11.2	
	4.3	33.3	33.2	16.1	1.7	.1						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS NOV MONTH
 ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.9	3.9									7.2	6.2
NNE		1.7	1.5									3.2	6.7
NE	.1	.7	.6	.6								1.9	8.2
ENE	.1	.4	1.0	.4								1.9	8.2
E	.1	1.4	.6	1.2								3.3	8.5
ESE	.3	.4	.3									1.0	5.6
SE		.6	1.0									1.5	6.6
SSE	.1	.8	.6	.6								2.1	8.5
S	.1	1.7	1.9	.8								4.6	7.7
SSW		2.9	3.3	1.8								8.1	8.1
SW	.6	3.5	1.8	.8	.1							6.8	7.0
WSW	.3	3.6	4.3	.8								9.0	7.1
W	.8	1.8	6.9	3.6	.3							13.5	9.0
WNW	.7	2.6	5.3	1.4	.1	.1						10.3	7.9
NW	.6	3.2	2.5	1.7	.3	.1						8.3	8.2
NNW	.7	3.2	2.8	1.1	.1							7.9	7.1
VARBL													
CALM												9.3	
	5.0	31.4	38.2	14.9	1.0	.3						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS NOV MONTH
 ALL WEATHER CLASS 0600-0800 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	4.2	3.7	.4								5.5	6.7
NNE	.3	2.8	1.9	.1								5.1	6.2
NE	.1	.4	.7	1.1	.1							2.5	9.8
ENE	.1	.4	.6	.3								1.4	7.5
E	1.0	1.1	.6	1.5	.1							4.3	8.3
ESE	.1	.3	.7									1.1	7.6
SE		.8	.1	.1								1.1	6.5
SSE	.1	.8	.4	.6								1.9	8.3
S	.4	1.1	1.7	1.2								4.4	8.4
SSW	.3	1.1	3.1	1.7								6.1	8.5
SW	.1	3.2	2.9	.7	.1							7.1	7.4
WSW	.1	2.5	5.7	.7	.4							9.4	8.0
W	.4	4.0	6.9	3.2		.1						14.7	6.5
WNW	.4	1.9	3.7	1.7	.3	.1						8.2	8.9
NW	.4	2.1	2.6	.8	1.0							6.9	9.1
NNW	.6	2.4	3.3	1.5								7.8	9.1
VARBL													
CALM												9.3	
	4.7	29.2	38.7	15.7	2.1	.3						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 47730 STATION NAME ATLANTIC CITY NJ YEARS 73-80 MONTH NOV
 CLASS ALL WEATHER HOURS (L.S.T.) 0900-1100
 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		1.0	4.3	.8	.4							5.5	9.0
NNE		1.4	4.6	.6								5.5	8.1
NE	.1	.6	1.5	.4								2.6	8.3
ENE	.3	.7	1.0	.7								2.6	8.1
E	.1	.8	1.1	2.1	.1		.3					4.6	11.8
ESE	.1	.1	1.0	.1								1.4	7.9
SE	.1	.4	1.1	.3								1.9	7.5
SSE	.1	.4	1.2	.7	.3	.1						2.9	10.7
S	.3	1.2	1.4	1.9	.3							5.1	9.6
SSW		.8	2.6	2.4	.7							6.5	10.8
SW		.4	1.9	2.4	.1	.1						5.0	10.8
WSW		1.4	2.6	2.2	1.1							7.4	10.7
W	.4	1.9	4.3	6.1	1.9	.6						15.3	11.7
WNW	.1	.8	3.7	4.2	1.7	.6						11.1	12.4
NW	.3	1.4	2.4	4.2	1.7	.6						10.4	12.3
NNW		1.0	2.9	3.3	.7	.1						8.1	10.9
VARBL													
CALM												1.9	
	2.1	14.4	37.8	32.4	9.0	2.1	.3					100.0	10.5

TOTAL NUMBER OF OBSERVATIONS 720

2

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS NOV MONTH
 ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.7	1.8	.6	.1							4.4	7.6
NNE		.3	2.2	.6								3.1	3.8
NE		.6	.8	1.1								2.5	9.6
ENE		.3	1.7	.6		.3						2.8	10.7
E	.1	1.0	4.2	1.8		.1						7.2	9.4
ESE		.1	.8	.3								1.2	9.0
SE		1.2	1.0	.6								2.8	7.8
SSE	.1	.8	1.7	.6		.1						3.3	9.1
S	.1	.6	2.2	2.4	.7	.1						6.1	11.1
SSW		1.0	1.8	2.4	1.1							6.2	11.6
SW	.3	1.1	1.5	2.5	.3	.1						5.8	10.5
WSW		1.1	2.5	3.1	1.4	.1						3.2	11.9
W	.1	1.5	3.3	7.2	2.8	.7	.1					15.8	13.5
WNW		1.4	1.9	4.3	1.4	.7						9.7	13.1
NW		.7	2.4	7.1	2.1	.3						12.5	13.1
NNW		.4	2.4	3.1	1.2							7.1	12.2
VARBL													
CALM												1.1	
	1.1	13.7	32.2	37.9	11.1	2.6	.1					100.0	11.3

TOTAL NUMBER OF OBSERVATIONS 720

GLCRAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93730 ATLANTIC CITY NJ 73-80 NOV
STATION STATION NAME YEARS MONTH
ALL WEATHER 1500-1700
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.1	1.0	.4								1.5	9.5
NNE	.3	1.0	1.9	.1								3.3	7.2
NE	.1	.6	1.4	.3								2.4	7.9
ENE		.8	1.5	.4								2.8	8.1
E	.1	2.1	5.7	.8								6.8	8.0
ESE		.6	1.5	.7								2.8	8.7
SE		.6	.7	.7								1.9	9.0
SSE		1.1	2.1	1.1	.4							4.7	9.6
S		1.5	5.6	3.2	.4	.1						10.8	9.9
SSW	.4	1.0	2.4	2.1	.3							6.1	9.9
SW		1.2	1.5	2.4	.3							5.4	10.7
WSW	.1	1.7	1.5	2.2		.3						5.8	9.7
W	.1	2.2	6.0	4.6	1.4	.3	.1					14.7	10.8
WNW	.1	1.1	3.7	5.1	1.7							11.8	11.5
NW	.3	1.5	4.0	4.2	1.1	.3						11.4	11.1
NNW		.7	3.3	2.2	.1							6.4	9.9
VARBL													
CALM												1.2	
	1.7	17.8	41.9	30.6	5.7	1.0	.1					100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS NOV MONTH
 1800-2000 HOURS (L.S.T.)
 ALL WEATHER CLASS
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.5	1.9	.3	.1							4.3	7.3
NNE	.1	1.2	1.9	.1								3.5	7.0
NE	.1	1.1	1.0	.7								2.9	6.1
ENE		1.0	.3	.7	.3							2.2	9.3
E	.1	2.9	.8	.8								4.7	6.4
ESE		1.5										1.5	5.1
SE		1.4	.6	.4								2.4	7.2
SSE	.1	1.0	1.0	1.4								3.5	8.9
S		2.6	2.5	2.8	.3							8.2	8.9
SSW	.6	5.3	3.7	2.1		.1						11.8	7.6
SW	.3	3.5	1.8	.1								5.7	5.9
WSW	.4	3.9	2.5	.4								7.2	6.4
W	.4	3.7	5.0	2.8	.7	.1						12.8	8.9
WNW		3.3	2.6	2.6	.4							9.0	9.0
NW	.6	2.2	4.3	1.5	.1							6.7	8.4
NNW	.6	2.5	1.9	1.2	.1							6.4	7.6
VARBL													
CALM												5.1	
	3.7	38.7	31.9	18.1	2.1	.3						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93733 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS NCV MONTH 2100-2300 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.7	2.2	.3								4.6	6.9
NNE	.3	2.6	1.8	.1								4.9	6.3
NE		1.1	.1	.1								1.4	6.3
ENE	.1	.4	.6	.7								1.8	9.2
E	.6	.7	.6	1.5	.3							3.6	9.8
ESE	.1	.1	.8	.1								1.2	7.7
SE	.3	.4	.4	.3								1.4	6.8
SSE		.3	1.5	.4	.3							2.5	9.8
S	.1	2.4	2.5	1.1								6.1	8.0
SSW	.1	2.9	4.0	1.8	.4							9.3	8.8
SW	.4	3.3	1.2	1.0	.4							6.4	7.5
WSW	1.0	3.7	3.3	.3								8.3	6.1
W		4.4	5.4	1.7	.6	.1						12.2	8.1
WNW	.3	2.6	3.3	2.6	.3							9.2	8.9
NW	.4	2.5	4.2	3.1								15.1	8.9
NNW	.6	3.6	1.9	.8								6.9	6.6
VARBL													
CALM												10.0	
	4.7	32.9	34.0	16.0	2.2	.1						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS NOV MONTH

ALL WEATHER
 CLASS

ALL
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	2.0	2.7	.3	.1							5.3	7.2
NNE	.2	1.6	2.2	.2								4.2	7.0
NE	.1	.7	.8	.6	.0							2.2	6.5
ENE	.2	.6	.9	.5	.0	.0						2.2	6.6
E	.3	1.4	1.5	1.4	.1	.0	.0					4.7	8.9
ESE	.1	.4	.7	.2								1.4	7.5
SE	.1	.7	.6	.3								1.7	7.5
SSE	.1	.7	1.2	.7	.1	.0						2.9	9.2
S	.2	1.6	2.5	1.8	.2	.0						6.3	9.1
SSW	.2	2.2	3.0	2.1	.3	.0						7.8	9.1
SW	.2	2.6	2.0	1.3	.2	.0						6.2	8.1
WSW	.3	2.6	3.3	1.4	.4	.1						9.2	8.4
W	.4	2.9	5.3	3.9	1.0	.2	.0					13.9	10.0
WNW	.3	2.1	3.5	3.0	.7	.2						9.8	10.1
NW	.4	2.3	3.2	3.1	.9	.2						10.6	10.2
NNW	.3	2.0	2.7	1.8	.3	.0						7.2	6.8
VARBL													
CALM												6.2	
	3.4	26.4	36.0	22.7	4.4	.9	.1					100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 5760

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS DEC MONTH
 ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	3.5	3.0	1.1								8.1	6.9
NNE	.4	1.2	1.2									2.8	6.2
NE	.3	.7		.5	.1							1.6	8.8
ENE	.4	.4	1.2		.4	.4						2.8	11.0
E	.5	.3	1.1	1.1								3.0	8.9
ESE	.1	.4	.4	.3								1.2	7.6
SE	.1	.3	.1									.5	5.3
SSE	.1	.5	.3	.8	.3							2.0	10.9
S	.3	1.6	1.2	1.6	.5	.3						5.5	10.6
SSW	.1	3.0	3.1	.8	.3							7.3	7.9
SW	.5	1.6	3.1	.9	.3							6.5	8.1
WSW		2.4	2.7	.9	.1							6.2	8.3
W		2.4	5.4	4.3	.8	.1						13.0	10.2
WNW	.9	2.6	4.8	3.6	1.1	.1						13.2	9.6
NW	.5	1.9	2.7	1.5	.4							7.3	8.5
NNW	.3	3.2	2.6	1.2	.4							7.7	8.0
VARBL													
CALM												11.7	
	5.2	25.9	32.8	18.7	4.7	.9						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS DEC 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	≥ 36	%	MEAN WIND SPEED
N	.8	3.1	2.4	.8								7.1	6.6
NNE	.4	2.4	3.0	.4	.3							6.5	7.7
NE	.8	.7	.5	.4	.3							2.7	7.5
ENE	.3	.5	.3	.7	.1	.1						2.0	9.9
E	.1	.5	.3	.9	.1							2.0	9.4
ESE	.4	.1		.1	.1							.8	7.5
SE	.1	.3	.1	.4								.9	8.3
SSE		.8	.1	.9								1.9	9.6
S	.3	1.3	.8	1.3	.1							3.9	8.8
SSW	.4	2.7	1.6	2.2	.3							7.1	8.7
SW		1.5	2.4	.4	.3							4.6	8.1
WSW	.5	2.7	3.8	.3		.3						7.5	7.4
W	.3	3.6	5.4	5.4	1.2							15.9	9.6
WNW	.3	3.0	4.3	2.7	1.1	.5						11.8	10.3
NW	.7	1.6	2.4	2.4	.5							7.7	9.1
NNW	.8	3.4	3.0	.9	.3							8.3	7.5
VARL													
CALM												9.3	
	6.2	28.2	30.4	20.3	4.7	.9						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 23730 STATION NAME ATLANTIC CITY NJ YEARS 73-80 MONTH DEC
 CLASS ALL WEATHER HOURS (L.S.T.) 0600-0800
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	3.4	3.4	.9	.4							9.3	7.1
NNE	.4	3.0	1.6	.5	.1							5.6	6.7
NE	.4	1.1	.9	.3								2.7	6.4
ENE	.1	.4	.1	.9	.4	.3						2.3	13.0
E	.3	.9	.4	.3	.1							2.0	7.2
ESE	.4	.1	.1		.1							.8	6.5
SE	.3	.8		.8	.1							2.0	8.9
SSE		.4	.4	.7								1.5	9.6
S	.1	1.1	1.2	.4	.3							3.1	8.4
SSW	.3	2.0	3.1	2.2	.1							7.7	8.5
SW	.1	1.2	3.6	1.2	.1							6.3	8.6
WSW	.3	1.6	3.1									5.0	6.8
W	.4	2.7	4.3	4.8	.7	.5						13.4	10.4
WNW	.1	1.7	3.4	4.6	.8	.1						10.8	10.8
NW	.3	2.6	3.5	1.6	.9							8.9	9.0
NNW	.4	3.1	2.8	.9								7.3	6.9
VARBL													
CALM												11.4	
	5.1	26.1	32.0	20.2	4.3	.9						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS DEC MONTH
 ALL WEATHER CLASS 0900-1100 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	2.4	4.0	1.5	.1							8.2	8.2
NNE	.5	1.3	2.6	.8	.1							5.4	8.0
NE		1.3	.8	1.1								3.2	8.7
ENE	.1	.5	.3	.4	.4	.1						1.9	11.4
E		1.2	1.2	.9	.4							3.8	10.0
ESE		.8	.8	.1	.1							1.9	7.9
SE	.1	.3		.5								.9	9.1
SSE	.1	.7	.3	.8	.1	.3						2.3	11.5
S	.1	.5	1.5	1.7			.1					4.0	10.4
SSW		1.2	2.2	3.5	.4							7.3	11.0
SW		1.6	2.9	2.7	.7							7.4	10.4
WSW	.1	1.2	2.8	1.3	.1	.1						5.8	9.5
W		1.5	5.0	4.7	1.3	1.2						13.7	12.3
WNW	.4	1.1	2.6	3.9	2.6	.3	.3					11.0	13.0
NW	.3	.8	2.8	5.2	1.7	.5						11.4	12.8
NNW	.1	.7	2.8	3.6	.9	.1						8.3	11.9
VARBL													
CALM												3.5	
	2.2	17.2	32.0	32.9	9.1	2.7	.4					100.0	10.6

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93730 ATLANTIC CITY NJ 73-80 DEC
STATION STATION NAME YEARS MONTH
ALL WEATHER 1200-1400
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.9	1.5	.9								3.4	8.5
NNE	.1	1.1	1.3	1.7								4.3	9.9
NE	.1	.5	1.7	1.1								3.5	9.4
ENE		.7	.1	.1	.1	.3						1.3	12.3
E		1.1	1.6	1.1	.3							4.0	8.9
ESE		.3	1.7									2.0	7.5
SE	.1	.4	.9	.3	.3							2.0	9.3
SSE	.1	1.1	.9	.4	.1							2.7	8.0
S		.3	2.2	3.8	1.1							7.3	12.4
SSW		.5	1.7	3.6	.5							6.5	11.8
SW	.1	.4	1.6	2.7	1.1	.1						6.0	12.6
WSW		.7	1.9	2.2	.1							4.8	10.3
W		1.3	5.0	5.6	.9	.8	.3					14.0	12.3
WNW		1.1	2.6	5.9	2.8	1.6						14.0	14.4
NW		.7	3.0	6.6	2.8	.4						13.4	13.6
NNW		1.7	2.0	3.6	1.2	.5						9.1	12.3
VARBL													
CALM												1.6	
	.7	12.8	29.8	39.7	11.4	3.8	.3					100.0	11.7

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93730 ATLANTIC CITY NJ 73-80 DEC
STATION STATION NAME YEARS MONTH
ALL WEATHER 1500-1700
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.0	2.4	.7								5.5	7.4
NNE		.1	1.3	.7								2.2	9.4
NE	.3	.9	1.1	.1	.3							2.7	7.7
ENE		.8	1.1	.1	.4	.1						2.6	10.1
E		2.2	1.5	1.2	.1	.1						5.1	8.3
ESE		1.5	1.1									2.6	6.3
SE	.1	.9	1.1	.1								2.3	6.7
SSE	.3	.7	1.1	.4	.1							2.6	7.7
S		1.2	4.2	3.2	.5	.3						9.4	10.5
SSW		.7	3.4	3.9	.1							3.1	10.9
SW		1.3	1.2	2.0	.4							5.0	10.2
WSW		.8	1.6	1.2	.1							3.8	9.6
W		1.5	5.4	5.1	.8	.8	.1					13.7	11.5
WNW	.1	1.3	4.2	5.4	2.2	.8						14.0	12.5
NW	.1	1.7	3.2	4.6	1.2	.1						11.0	11.3
NNW	.1	1.6	2.6	3.2	.5							8.1	10.3
VARBL													
CALM												1.6	
	1.5	19.4	36.3	32.0	6.9	2.3	.1					100.0	10.1

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS DEC MONTH
 ALL WEATHER CLASS 1800-2000 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	1.6	2.7	.9								5.4	8.3
NNE	.1	1.3	1.7	.4								3.6	7.5
NE	.4	1.6	.9									3.0	5.7
ENE	.5	.7	.1	.4		.3						2.0	8.6
E	.1	1.2	.5	.8	.1	.5	.1					3.5	11.3
ESE	.3	.7	.8	.1								1.7	6.4
SE		.8	.5	.1								1.5	7.3
SSE	.3	.9	.9	.5	.3							3.0	8.7
S	.4	2.6	2.7	2.0	.4							8.1	8.8
SSW	.4	2.6	3.8	2.6	.7	.1						10.1	9.5
SW	.4	1.9	1.9	.4	.3							4.8	7.4
WSW	.1	2.0	2.0	.4	.1							4.7	7.6
W	.3	4.8	5.2	3.2	.5	.3	.1					14.5	9.2
WNW	.3	2.4	4.0	1.9	1.2	.5	.1					10.5	10.5
NW	.7	2.8	2.6	2.0	.7							8.7	8.6
NNW	.5	1.9	1.9	2.2	.3							6.7	9.1
VARBL													
CALM												8.1	
	5.0	29.8	32.4	18.0	4.6	1.7	.4					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 9730 STATION NAME ATLANTIC CITY NJ YEARS 73-80 MONTH DEC
 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	.4	1.6	3.0	1.2								6.2	7.8
NNE	.1	1.5	1.7									3.4	6.5
NE		.7	.5	.1	.1							1.5	7.8
ENE	.5	.7	.7	.7	.3	.3						3.1	10.4
E	.1	.9	.7	.5	.4	.3						3.0	10.6
ESE	.4	.8	.1	.1								1.5	5.2
SE		.8			.3							1.1	8.0
SSE	.8	.7	.3	1.1	.1							3.0	8.2
S	.4	1.9	1.1	1.1	.3	.7						5.4	9.9
SSW	.3	2.6	3.5	2.0		.1						8.5	8.6
SW	.1	2.2	3.2	1.6	.1							7.3	8.5
WSW	.3	1.7	1.9	.7	.3							4.8	7.9
W	.7	3.8	4.4	3.4	.9	.4						13.6	9.8
WNW	.3	2.4	3.1	2.4	.7	.7						9.5	10.5
NW	.5	3.8	2.6	2.2	.7							9.7	8.6
NNW	.7	2.0	1.6	1.6	.1							6.0	8.1
VARBL													
CALM												12.6	
	5.6	28.0	29.4	18.7	4.3	2.4						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

93733 STATION ATLANTIC CITY, NJ STATION NAME 73-80 YEARS DEC MONTH
 ALL WEATHER CLASS ALL HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	2.3	2.8	1.0	.1							6.6	7.5
NNE	.3	1.5	1.8	.6	.1							4.2	7.7
NE	.3	.9	.8	.5	.1							2.6	7.7
ENE	.3	.6	.5	.4	.3	.2						2.3	10.8
E	.2	1.0	.9	.9	.2	.1	.0					3.3	9.4
ESE	.2	.6	.6	.1	.1							1.6	6.8
SE	.1	.6	.4	.3	.1							1.4	8.0
SSE	.2	.7	.5	.7	.1	.0						2.4	9.1
S	.2	1.3	1.8	1.9	.4	.2	.0					5.8	10.2
SSW	.2	1.9	2.8	2.6	.3	.0	.0					7.8	9.6
SW	.2	1.5	2.4	1.5	.4	.0						6.0	9.3
WSW	.2	1.6	2.5	.9	.1	.1						5.3	8.3
W	.2	2.7	5.0	4.6	.9	.5	.1					14.0	10.6
WNW	.3	1.9	3.6	3.8	1.5	.6	.1					11.8	11.5
NW	.4	2.0	2.8	3.3	1.1	.1						9.7	10.5
NNW	.4	2.2	2.4	2.2	.5	.1						7.7	9.4
VARBL													
CALM												7.5	
	3.9	23.4	31.8	25.1	6.2	2.0	.2					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 5952

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 93730 STATION NAME ATLANTIC CITY NJ YEARS 73-81 ALL MONTH
 CLASS ALL WEATHER ALL
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	2.2	2.6	.9	.1	.0						6.0	7.7
NNE	.2	1.4	1.4	.5	.1	.0						3.6	7.5
NE	.1	.9	.9	.6	.1	.0						2.6	8.4
ENE	.1	.7	.9	.7	.1	.0	.0					2.7	9.3
E	.2	1.5	1.9	1.1	.1	.0	.0					5.0	8.5
ESE	.1	.9	1.1	.4	.0	.0	.0					2.4	8.1
SE	.1	1.0	1.2	.4	.1	.0						2.8	8.0
SSE	.1	1.2	1.6	1.0	.1	.0	.0	.0				4.1	8.8
S	.2	1.9	3.3	2.9	.5	.1	.0					8.9	9.9
SSW	.2	2.3	3.2	2.1	.4	.0	.0					8.3	9.0
SW	.2	2.2	2.2	1.1	.2	.0	.0					6.0	8.2
WSW	.2	2.1	2.4	1.1	.2	.0	.0					6.0	8.4
W	.3	2.7	4.5	2.9	.7	.2	.0	.0				11.4	9.7
WNW	.2	1.8	2.7	2.6	.8	.3	.0	.0				3.5	10.7
NW	.2	2.1	2.3	2.2	.8	.2	.0					7.8	10.1
NNW	.3	2.5	2.6	1.8	.3	.1	.0					7.5	8.7
VARBL													
CALM												6.5	
	2.9	27.3	35.0	22.5	4.6	1.1	.1	.0				100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 70103

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

63736 STATION ATLANTIC CITY NJ STATION NAME 73-81 YEARS ALL MONTH

INSTRUMENT CLASS
CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE.
CONDITION
AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

ALL
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	2.3	4.1	2.1	.1	.0						3.9	8.6
NNE	.2	1.8	3.9	2.0	.2	.0						8.2	9.3
NE	.1	1.4	2.5	2.5	.4	.0						6.9	10.0
ENE	.1	1.4	2.3	2.2	.7	.3	.0					7.1	10.9
E	.2	2.1	3.6	3.1	.6	.1	.0					9.7	10.0
ESE	.1	.9	1.5	.8	.2	.0	.0					3.5	9.3
SE	.0	1.1	1.5	.9	.2	.1						3.9	9.6
SSE	.2	1.4	1.6	1.4	.4	.2	.0	.0				5.2	10.3
S	.1	1.6	2.9	3.7	.9	.4	.0					9.6	11.3
SSW	.1	1.6	2.7	2.4	.7	.2	.0					7.7	10.4
SW	.1	1.5	1.3	.8	.1	.0						3.8	8.2
WSW	.1	1.4	1.4	.6	.1	.0						3.6	8.1
W	.1	1.4	1.9	1.3	.4	.1	.0	.0				5.3	9.8
WNW	.1	1.0	1.3	.5	.1	.1		.0				3.1	8.7
NW	.1	1.3	1.1	.7	.2	.1						3.4	8.7
NNW	.1	1.9	2.1	1.1	.1	.1						5.4	8.3
VARBL													
CALM												4.5	
	2.1	24.2	35.5	26.1	5.7	1.8	.2	.0				100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 9503

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

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

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

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

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

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

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	$\geq 2\frac{1}{2}$	≥ 2	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	≥ 1	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{5}{16}$	$\geq \frac{1}{4}$	≥ 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 ≥ 0 .
 For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
 Ceiling ≥ 500 feet = 98.1%.

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

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

ADDITIONAL EXAMPLES

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
STATION

ATLANTIC CITY NJ
STATION NAME

74-81
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-3200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	5/16	¼	≥0
NO CEILING	41.4	47.3	47.8	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.8	48.8	48.8	48.8	48.8	48.8
≥ 20000	43.7	50.0	50.5	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.5	51.5	51.5	51.5	51.5	51.5
IN 18000	43.7	50.0	50.5	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.5	51.5	51.5	51.5	51.5	51.5
IN 16000	43.7	50.0	50.5	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.5	51.5	51.5	51.5	51.5	51.5
IN 14000	44.0	50.3	50.8	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.7
IN 12000	45.3	51.7	52.3	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2
IN 10000	47.3	54.0	54.6	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5
IN 9000	48.0	54.8	55.4	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3
IN 8000	51.3	59.0	59.5	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.5	60.5	60.5	60.5	60.5	60.5
IN 7000	53.0	60.6	61.3	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2
IN 6000	54.2	61.8	62.5	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4
IN 5000	55.6	64.0	64.7	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7
IN 4500	58.2	66.9	67.7	68.7	68.8	69.0	69.0	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1
IN 4000	60.6	69.5	70.3	71.2	71.4	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6
IN 3500	61.3	70.6	71.4	72.3	72.4	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7
IN 3000	63.4	74.1	74.9	75.8	76.5	76.6	76.6	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7
IN 2500	64.2	75.3	76.1	77.2	77.8	78.0	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1
IN 2000	66.1	77.7	78.5	79.6	80.2	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5
IN 1800	66.4	78.4	79.2	80.2	80.9	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3
IN 1500	67.1	79.8	80.6	81.7	82.4	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8
IN 1200	67.3	80.6	81.5	82.7	83.3	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7
IN 1000	67.5	81.0	81.9	83.2	83.9	84.1	84.1	84.1	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.3
IN 900	67.5	81.0	81.9	83.2	84.1	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5
IN 800	67.5	81.0	81.9	83.2	84.1	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5
IN 700	68.0	81.7	82.5	84.5	85.6	85.9	85.9	86.0	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2
IN 600	68.0	82.1	82.9	85.2	86.6	86.8	87.0	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2
IN 500	68.0	82.5	83.6	85.9	87.2	87.9	88.2	88.6	88.6	88.6	89.4	89.4	89.4	89.4	89.4	89.4
IN 400	68.0	82.9	84.4	86.8	89.1	89.9	90.6	91.3	91.3	92.5	92.6	92.6	93.0	93.0	93.0	93.0
IN 300	68.0	83.6	85.1	87.5	90.1	91.1	92.3	93.0	93.0	94.5	94.9	94.9	95.3	95.3	95.3	95.3
IN 200	68.0	83.6	85.2	87.6	90.2	91.4	92.7	93.5	93.5	95.7	96.1	96.1	96.6	96.9	97.2	97.2
IN 100	68.0	83.6	85.2	87.6	90.2	91.4	92.7	93.7	93.7	96.2	96.9	96.9	97.6	97.8	98.3	99.1
IN 0	68.0	83.6	85.2	87.6	90.2	91.4	92.7	93.7	93.7	96.2	96.9	96.9	97.6	97.8	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
STATION

ATLANTIC CITY NJ
STATION NAME

74-81
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	44.4	48.0	49.0	49.3	49.4	49.4	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.9
≥ 20000	45.9	49.7	50.6	50.9	51.0	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.5
≥ 18000	45.9	49.7	50.6	50.9	51.0	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.5
≥ 16000	45.9	49.7	50.6	50.9	51.0	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.5
≥ 14000	46.0	49.8	50.7	51.0	51.1	51.1	51.1	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.7
≥ 12000	46.6	50.5	51.4	51.7	51.8	51.8	51.8	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.4
≥ 10000	48.5	52.5	53.4	53.7	53.8	53.8	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.4
≥ 9500	49.5	53.6	54.5	54.8	54.9	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.5
≥ 8000	52.6	57.2	58.1	58.4	58.5	58.5	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	59.1
≥ 7000	54.6	59.2	60.2	60.4	60.8	60.8	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.4
≥ 6000	54.6	59.2	60.2	60.4	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.5
≥ 5000	55.9	61.1	62.0	62.7	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.8
≥ 4500	58.5	64.1	65.0	65.8	66.5	66.6	66.6	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.4
≥ 4000	60.7	66.4	67.3	68.1	68.8	68.9	68.9	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.7
≥ 3500	62.7	68.4	69.3	70.1	70.8	70.9	70.9	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.7
≥ 3000	64.5	70.3	71.2	72.0	72.7	72.8	72.8	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.6
≥ 2500	65.9	71.9	72.8	73.6	74.4	74.6	74.6	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.4
≥ 2000	67.8	74.0	75.0	75.8	76.9	77.0	77.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.8
≥ 1800	68.1	74.4	75.4	76.2	77.3	77.4	77.4	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	78.2
≥ 1500	68.8	76.3	77.5	78.3	79.4	79.5	79.5	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.3
≥ 1200	69.4	77.1	78.3	79.3	80.3	80.5	80.5	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.3
≥ 1000	70.0	78.1	79.5	80.5	81.7	81.8	82.0	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.8
≥ 900	70.0	78.7	80.2	81.3	82.5	82.6	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.6
≥ 800	70.1	79.1	80.6	81.8	83.4	83.6	83.7	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.5
≥ 700	70.3	79.7	81.2	82.4	84.1	84.3	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	85.2
≥ 600	70.5	80.3	82.4	83.6	85.5	85.6	85.7	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.5
≥ 500	70.5	80.9	82.9	84.8	87.1	87.3	87.8	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.7
≥ 400	70.7	81.2	84.1	86.1	88.4	88.7	89.9	90.6	90.6	91.0	91.1	91.1	91.3	91.3	91.3	91.7
≥ 300	70.8	81.6	84.5	86.9	89.4	89.6	91.8	93.0	93.0	93.7	94.1	94.1	94.5	94.5	94.5	94.9
≥ 200	70.8	81.6	84.5	87.1	89.8	90.0	92.3	93.9	93.9	95.7	96.1	96.1	96.6	96.6	96.9	97.3
≥ 100	70.8	81.6	84.5	87.1	89.8	90.0	92.3	94.1	94.1	95.8	96.9	96.9	98.0	98.0	99.1	99.6
≥ 0	70.8	81.7	84.7	87.2	89.9	90.2	92.5	94.2	94.2	96.0	97.0	97.0	98.1	98.1	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
STATION

ATLANTIC CITY NJ
STATION NAME

74-81
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	37.6	41.2	42.3	42.9	42.9	42.9	42.9	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.2
≥ 20000	42.5	46.6	47.8	48.5	48.5	48.6	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	49.0
≥ 18000	42.5	46.6	47.8	48.5	48.5	48.6	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	49.0
≥ 16000	42.5	46.6	47.8	48.5	48.5	48.6	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	49.0
≥ 14000	42.5	46.6	47.8	48.5	48.5	48.6	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	49.0
≥ 12000	43.6	48.0	49.3	50.1	50.1	50.2	50.2	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.7
≥ 10000	45.9	50.6	51.8	52.6	52.6	52.8	52.8	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.3
≥ 9000	45.9	50.7	52.0	52.8	52.8	52.9	52.9	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.4
≥ 8000	48.9	54.2	55.5	56.3	56.3	56.4	56.4	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.9
≥ 7000	50.6	56.1	57.5	58.5	58.5	58.7	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.2
≥ 6000	51.0	56.8	58.1	59.4	59.4	59.5	59.5	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	60.0
≥ 5000	52.6	58.7	60.0	61.4	61.4	61.8	62.0	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.6
≥ 4500	55.9	62.4	63.8	65.1	65.1	65.5	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.4
≥ 4000	57.5	65.0	66.4	67.7	67.7	68.1	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.9
≥ 3500	59.6	67.8	69.2	70.5	70.5	70.9	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.9
≥ 3000	61.8	70.5	71.9	73.5	73.5	73.9	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.8
≥ 2500	63.4	72.5	74.0	75.9	75.9	76.3	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.4
≥ 2000	64.3	73.8	75.2	77.3	77.3	77.7	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.7
≥ 1800	64.5	74.0	75.5	77.5	77.5	77.9	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	79.0
≥ 1500	65.7	75.9	77.5	79.8	80.1	80.5	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.6
≥ 1200	65.9	76.3	78.1	80.6	80.9	81.3	81.7	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.6
≥ 1000	66.2	76.9	78.7	81.6	82.0	82.4	82.9	83.3	83.3	83.3	83.3	83.4	83.4	83.6	83.6	84.0
≥ 900	66.2	76.9	78.7	81.6	82.1	82.5	83.0	83.4	83.4	83.4	83.6	83.7	83.7	83.8	83.8	84.3
≥ 800	66.4	77.1	79.1	82.0	82.6	83.3	83.8	84.4	84.4	84.4	84.5	84.7	84.7	84.8	84.8	85.2
≥ 700	66.4	77.1	79.3	82.2	83.0	83.8	84.5	85.1	85.1	85.1	85.5	85.6	85.6	85.7	85.7	86.1
≥ 600	66.4	77.5	79.8	82.8	84.0	84.8	85.5	86.0	86.0	86.0	86.4	86.5	86.5	86.7	86.7	87.1
≥ 500	66.5	77.8	80.5	84.1	85.6	86.5	88.0	88.8	88.8	89.5	89.8	89.8	89.8	89.9	89.9	90.3
≥ 400	66.5	78.2	80.9	85.1	86.9	88.2	90.0	90.8	91.0	91.7	91.9	91.9	92.5	92.5	92.5	92.9
≥ 300	66.6	78.9	81.6	86.0	88.6	90.0	92.2	93.3	93.4	94.6	95.3	95.3	95.8	95.8	95.8	96.2
≥ 200	66.6	78.9	81.6	86.0	88.6	90.0	92.2	93.3	93.4	95.0	95.8	95.8	96.8	96.8	96.8	97.2
≥ 100	66.6	78.9	81.6	86.0	88.6	90.0	92.2	93.3	93.4	95.7	96.8	96.8	98.0	98.0	98.3	99.3
≥ 0	66.6	78.9	81.6	86.0	88.6	90.0	92.2	93.3	93.4	95.7	96.8	96.8	98.3	98.3	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
 STATION

ATLANTIC CITY NJ
 STATION NAME

74-81
 YEARS

JAN
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	36.4	42.6	43.4	43.5	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
IV 20000	41.9	49.2	50.0	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.5	50.5	50.5	50.7	50.7	50.7
IV 18000	41.9	49.2	50.1	50.5	50.7	50.7	50.7	50.7	50.7	50.7	50.8	50.8	50.8	50.9	50.9	50.9
IV 16000	41.9	49.2	50.1	50.5	50.7	50.7	50.7	50.7	50.7	50.7	50.8	50.8	50.8	50.9	50.9	50.9
IV 14000	42.1	49.7	50.7	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.3	51.3	51.3	51.5	51.5	51.5
IV 12000	43.0	51.6	52.6	53.0	53.1	53.1	53.2	53.2	53.2	53.4	53.4	53.4	53.4	53.5	53.5	53.5
IV 10000	47.0	55.6	56.6	57.0	57.1	57.3	57.4	57.4	57.4	57.4	57.5	57.5	57.5	57.7	57.7	57.7
IV 9000	47.4	56.3	57.3	57.7	57.8	57.9	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.3	58.3	58.3
IV 8000	50.4	59.7	60.6	61.0	61.2	61.4	61.6	61.6	61.6	61.7	61.7	61.7	61.8	61.8	61.8	61.8
IV 7000	51.9	61.4	62.4	62.9	63.0	63.3	63.4	63.4	63.4	63.6	63.6	63.6	63.7	63.7	63.7	63.7
IV 6000	52.6	62.6	63.6	64.1	64.2	64.5	64.7	64.7	64.7	64.8	64.9	64.9	64.9	64.9	64.9	64.9
IV 5000	54.3	65.5	66.5	67.3	67.5	67.7	67.9	67.9	67.9	68.0	68.0	68.0	68.1	68.1	68.1	68.1
IV 4500	55.1	66.9	68.1	69.0	69.2	70.0	70.3	70.3	70.3	70.4	70.4	70.4	70.6	70.6	70.6	70.6
IV 4000	56.0	68.3	69.6	70.4	71.0	71.9	72.2	72.2	72.2	72.3	72.3	72.3	72.4	72.4	72.4	72.4
IV 3500	57.0	69.5	70.8	71.6	72.2	73.1	73.4	73.4	73.4	73.5	73.5	73.5	73.7	73.7	73.7	73.7
IV 3000	57.4	71.2	72.6	73.4	74.2	75.1	75.4	75.4	75.4	75.5	75.5	75.5	75.7	75.7	75.7	75.7
IV 2500	60.1	75.3	77.3	79.0	80.0	80.9	81.5	81.5	81.5	81.6	81.6	81.6	81.7	81.7	81.7	81.7
IV 2000	60.2	75.7	78.0	79.7	80.6	81.6	82.1	82.1	82.1	82.3	82.3	82.3	82.4	82.4	82.4	82.4
IV 1800	60.6	76.5	78.8	80.5	81.5	82.4	82.9	82.9	82.9	83.1	83.1	83.1	83.2	83.2	83.2	83.2
IV 1500	61.4	78.2	80.6	82.7	83.7	84.8	85.3	85.3	85.3	85.5	85.5	85.5	85.6	85.6	85.6	85.6
IV 1200	61.4	78.8	81.2	83.3	84.4	85.8	86.4	86.4	86.4	86.6	86.6	86.6	86.7	86.7	86.7	86.7
IV 1000	61.4	79.2	82.0	84.3	85.3	86.8	87.5	87.6	87.6	87.8	87.8	87.8	88.0	88.0	88.0	88.0
IV 900	61.4	79.4	82.3	84.8	85.9	87.4	88.0	88.2	88.2	88.3	88.3	88.3	88.6	88.6	88.6	88.6
IV 800	61.4	79.6	82.4	84.9	86.0	87.5	88.2	88.3	88.3	88.4	88.4	88.4	88.8	88.8	88.8	88.8
IV 700	61.4	79.7	82.5	85.2	86.4	88.0	88.8	89.1	89.1	89.5	89.5	89.5	89.9	89.9	90.1	90.1
IV 600	61.4	79.7	82.5	85.2	86.4	88.0	89.4	89.7	89.7	90.1	90.1	90.1	90.6	90.6	90.7	90.7
IV 500	61.6	80.2	83.1	86.0	87.4	89.2	90.6	91.4	91.5	91.9	92.2	92.2	92.9	92.9	93.0	93.0
IV 400	61.6	80.2	83.1	86.2	87.8	90.5	91.8	92.9	93.0	93.4	94.0	94.0	94.9	94.9	95.2	95.2
IV 300	61.6	80.2	83.1	86.4	88.7	91.8	93.4	94.8	94.9	95.4	96.1	96.1	97.2	97.3	97.6	97.6
IV 200	61.6	80.2	83.2	86.7	89.1	92.3	94.0	95.7	95.8	96.8	97.7	97.7	99.1	99.2	99.5	99.6
IV 100	61.6	80.2	83.2	86.7	89.1	92.3	94.0	95.7	95.8	96.8	97.7	97.7	99.3	99.5	99.7	100.0
IV 0	61.6	80.2	83.2	86.7	89.1	92.3	94.0	95.7	95.8	96.8	97.7	97.7	99.3	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

74-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	37.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
≥ 20000	45.1	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
IV 18000	45.2	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
IV 16000	45.2	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
IV 14000	45.6	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
IV 12000	46.3	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
IV 10000	48.7	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
IV 9000	49.5	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
IV 8000	51.1	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
IV 7000	52.2	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
IV 6000	52.5	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
IV 5000	53.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 4500	54.4	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
IV 4000	55.5	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
IV 3500	57.5	70.0	70.7	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
IV 3000	58.7	72.4	73.5	74.0	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
IV 2500	60.0	75.6	77.3	77.9	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 2000	61.6	77.5	79.3	80.1	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IV 1800	61.6	77.7	79.3	80.6	81.2	81.4	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 1500	62.0	79.4	81.2	82.8	83.4	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 1200	62.2	80.2	82.1	83.8	84.5	85.2	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 1000	62.3	80.9	83.2	85.3	86.3	86.9	87.2	87.3	87.3	87.6	87.8	87.8	87.8	87.8	87.8	87.8
IV 900	62.3	81.0	83.4	85.6	87.1	87.8	88.0	88.2	88.2	88.4	88.6	88.6	88.6	88.6	88.6	88.6
IV 800	62.3	81.0	83.7	85.9	87.3	88.0	88.4	88.6	88.6	88.8	89.0	89.0	89.1	89.1	89.1	89.1
IV 700	62.3	81.4	84.3	86.7	88.6	89.2	89.8	89.9	89.9	90.2	90.3	90.3	90.4	90.4	90.4	90.4
IV 600	62.3	82.0	84.6	87.2	89.2	89.9	90.4	90.6	90.6	90.8	91.0	91.0	91.3	91.3	91.3	91.3
IV 500	62.3	82.0	84.9	87.6	89.9	91.3	92.5	92.7	92.7	93.3	93.4	93.4	93.7	93.7	93.7	93.7
IV 400	62.3	82.0	84.9	88.6	91.0	92.6	93.8	94.1	94.1	94.6	95.0	95.0	95.3	95.3	95.3	95.3
IV 300	62.3	82.0	84.9	88.6	91.3	93.3	95.2	96.2	96.2	96.9	97.3	97.3	97.8	97.8	98.3	98.3
IV 200	62.3	82.0	84.9	88.7	91.9	94.2	96.1	97.6	97.6	98.3	98.7	98.7	99.2	99.2	99.6	99.6
IV 100	62.3	82.0	84.9	88.7	91.9	94.2	96.1	97.6	97.6	98.3	98.7	98.7	99.2	99.2	99.7	99.7
IV 0	62.3	82.0	84.9	88.7	91.9	94.2	96.1	97.6	97.6	98.3	98.7	98.7	99.3	99.3	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 747

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

97730

ATLANTIC CITY NJ

74-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	37.8	42.2	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
IV 20000	43.4	49.3	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	49.7
IV 18000	43.4	49.3	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	49.7
IV 16000	43.4	49.3	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	49.7
IV 14000	44.2	50.3	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
IV 12000	45.7	52.4	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
IV 10000	47.0	54.3	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8
IV 9000	47.3	54.6	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1
IV 8000	49.7	57.4	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2
IV 7000	50.0	59.1	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9
IV 6000	50.9	60.1	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9
IV 5000	52.0	62.2	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.2	63.2	63.2	63.2	63.2	63.2
IV 4500	53.9	64.9	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.9	65.9	65.9	65.9	65.9	65.9
IV 4000	55.8	67.7	68.7	68.7	68.8	69.0	69.0	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1
IV 3500	58.5	71.0	72.2	72.2	72.4	72.7	72.7	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8
IV 3000	60.6	74.5	75.8	76.1	76.5	76.7	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0
IV 2500	61.8	77.8	79.3	80.0	80.4	80.6	80.8	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9
IV 2000	62.1	78.5	80.4	81.0	81.9	82.1	82.3	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5
IV 1800	62.1	78.9	80.9	81.6	82.5	82.9	83.1	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 1500	62.4	80.5	82.7	83.3	84.3	84.9	85.1	85.3	85.3	85.5	85.6	85.6	85.6	85.6	85.6	85.6
IV 1200	62.4	80.6	83.1	83.7	84.7	85.3	85.5	85.8	85.8	85.9	86.0	86.0	86.2	86.2	86.2	86.2
IV 1000	62.4	81.2	84.0	84.9	85.9	86.8	87.0	87.2	87.2	87.4	87.5	87.5	87.6	87.6	87.6	87.6
IV 900	62.4	81.3	84.5	85.5	86.6	87.5	87.9	88.2	88.2	88.3	88.6	88.6	88.7	88.7	88.7	88.7
IV 800	62.4	82.0	85.3	86.6	87.6	88.6	89.0	89.2	89.2	89.5	89.8	89.8	89.9	89.9	89.9	89.9
IV 700	62.4	82.3	85.8	87.0	88.4	89.5	89.9	90.2	90.2	90.5	90.7	90.7	90.9	90.9	90.9	90.9
IV 600	62.4	82.7	86.0	87.6	89.2	90.5	91.0	91.4	91.4	91.7	91.9	91.9	92.1	92.1	92.1	92.1
IV 500	62.4	82.8	86.3	87.9	89.9	91.7	92.3	92.7	92.7	93.1	93.8	93.8	94.0	94.0	94.0	94.0
IV 400	62.4	82.8	86.3	88.0	90.5	92.6	93.4	94.1	94.1	94.8	95.4	95.4	95.6	95.6	95.6	95.6
IV 300	62.4	82.8	86.3	88.0	91.3	94.0	94.8	95.8	95.8	97.3	98.0	98.0	98.1	98.1	98.1	98.1
IV 200	62.4	82.8	86.3	88.2	91.7	94.5	95.4	96.6	96.6	98.1	98.9	98.9	99.3	99.6	99.7	99.7
IV 100	62.4	82.8	86.3	88.2	91.7	94.5	95.4	96.6	96.6	98.1	98.9	98.9	99.5	99.7	99.9	100.0
IV 0	62.4	82.8	86.3	88.2	91.7	94.5	95.4	96.6	96.6	98.1	98.9	98.9	99.5	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

74-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1900-2000
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¼	≥0
NO CEILING	46.2	51.2	51.6	51.9	52.2	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.6	52.6	52.6
≥ 20000	49.1	54.6	55.1	55.7	55.9	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6	56.7
IV 18000	49.1	54.6	55.1	55.7	55.9	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6	56.7
IV 16000	49.1	54.6	55.1	55.7	55.9	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6	56.7
IV 14000	49.3	54.9	55.4	55.9	56.2	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.9	56.9	57.0
IV 12000	50.4	56.5	57.0	57.5	57.8	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.5	58.5	58.6
IV 10000	51.6	58.0	58.5	59.0	59.3	59.7	59.8	59.8	59.8	59.8	60.0	60.0	60.0	60.1	60.1	60.2
IV 9000	51.6	58.0	58.5	59.0	59.3	59.7	59.8	59.8	59.8	59.8	60.0	60.0	60.0	60.1	60.1	60.2
IV 8000	52.5	59.7	60.2	60.8	61.1	61.5	61.6	61.6	61.6	61.6	61.9	61.9	61.9	62.0	62.0	62.3
IV 7000	54.6	61.7	62.3	63.1	63.3	63.7	63.9	63.9	63.9	63.9	64.2	64.2	64.2	64.3	64.3	64.6
IV 6000	55.4	62.7	63.2	64.0	64.3	64.7	64.8	64.8	64.8	64.8	65.1	65.1	65.1	65.2	65.2	65.5
IV 5000	56.6	64.4	65.0	65.8	66.0	66.4	66.6	66.6	66.6	66.6	66.8	66.8	66.8	67.0	67.0	67.3
IV 4500	57.4	66.7	67.3	68.1	68.5	68.9	69.1	69.1	69.1	69.1	69.4	69.4	69.4	69.5	69.5	69.8
IV 4000	58.6	69.8	70.4	71.2	71.6	72.1	72.4	72.4	72.4	72.4	72.8	72.8	72.8	72.9	72.9	73.2
IV 3500	59.0	70.6	71.2	72.0	72.5	73.2	73.5	73.5	73.5	73.5	73.9	73.9	73.9	74.0	74.0	74.3
IV 3000	61.1	74.0	74.7	75.5	76.0	76.7	77.0	77.0	77.0	77.0	77.4	77.4	77.4	77.5	77.5	77.8
IV 2500	62.1	76.4	77.1	77.9	78.4	79.1	79.5	79.5	79.5	79.5	79.9	79.9	79.9	80.1	80.1	80.3
IV 2000	62.9	77.9	78.6	79.5	80.2	81.1	81.5	81.5	81.5	81.5	81.9	81.9	81.9	82.1	82.1	82.3
IV 1800	63.2	78.4	79.1	80.1	80.7	81.7	82.1	82.1	82.1	82.1	82.5	82.5	82.5	82.6	82.6	82.9
IV 1500	63.9	79.6	80.5	81.5	82.2	83.2	83.6	83.6	83.6	83.6	84.0	84.0	84.0	84.1	84.1	84.4
IV 1200	63.9	79.6	80.5	81.7	82.3	83.3	83.8	83.8	83.8	83.8	84.2	84.2	84.2	84.4	84.4	84.6
IV 1000	64.0	80.6	81.4	82.7	83.4	84.4	85.0	85.3	85.3	85.3	85.7	85.7	85.7	85.8	85.8	86.1
IV 900	64.0	81.0	82.1	83.4	84.2	85.4	86.1	86.4	86.4	86.4	86.8	86.8	86.8	86.9	86.9	87.2
IV 800	64.2	81.7	82.9	84.0	84.8	86.1	86.8	87.2	87.2	87.2	87.6	87.6	87.6	87.7	87.7	88.0
IV 700	64.2	81.9	83.4	85.0	86.4	87.9	88.8	89.2	89.2	89.2	89.6	89.6	89.6	89.8	89.8	90.0
IV 600	64.2	81.9	83.4	85.4	87.1	88.8	89.9	90.3	90.3	90.3	90.8	90.8	90.8	91.0	91.0	91.2
IV 500	64.3	82.7	84.4	86.4	88.5	90.4	91.6	92.0	92.0	92.0	92.9	93.0	93.0	93.1	93.1	93.4
IV 400	64.3	83.3	85.0	87.3	90.2	92.3	93.7	94.2	94.2	94.2	95.1	95.3	95.3	95.4	95.4	95.7
IV 300	64.3	83.3	85.0	87.3	90.4	92.7	94.5	95.0	95.0	95.0	96.1	96.2	96.2	96.4	96.4	96.6
IV 200	64.3	83.3	85.0	87.5	90.7	93.1	95.4	96.1	96.1	96.1	97.3	97.4	97.4	97.7	97.7	98.0
IV 100	64.3	83.3	85.0	87.6	90.8	93.3	95.6	96.2	96.2	96.2	97.8	98.1	98.1	98.1	98.7	98.7
IV 0	64.3	83.3	85.0	87.6	90.8	93.3	95.6	96.2	96.2	96.2	97.8	98.1	98.1	98.7	98.7	99.7

TOTAL NUMBER OF OBSERVATIONS 742

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
 STATION

ATLANTIC CITY NJ
 STATION NAME

74-81
 YEARS

JAN
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	44.9	52.8	53.5	54.3	54.4	54.6	54.6	54.6	54.6	54.8	54.4	54.2	55.0	55.0	55.7	55.0
IV 20000	47.0	55.8	56.6	57.4	57.7	57.8	57.8	57.8	57.8	57.8	58.1	58.1	58.1	58.2	58.2	58.2
IV 18000	47.0	55.8	56.6	57.4	57.7	57.8	57.8	57.8	57.8	57.8	58.1	58.1	58.1	58.2	58.2	58.2
IV 16000	47.0	55.8	56.6	57.4	57.7	57.8	57.8	57.8	57.8	57.8	58.1	58.1	58.1	58.2	58.2	58.2
IV 14000	47.8	56.6	57.4	58.2	58.5	58.6	58.6	58.6	58.6	58.6	58.9	58.9	58.9	59.0	59.0	59.0
IV 12000	49.1	58.7	59.5	60.3	60.6	60.8	60.9	60.9	60.9	61.2	61.2	61.2	61.4	61.4	61.6	61.6
IV 10000	49.7	59.4	60.2	61.0	61.3	61.4	61.6	61.6	61.6	61.8	61.8	61.8	62.1	62.1	62.2	62.2
IV 9000	51.7	62.2	63.0	64.0	64.2	64.4	64.5	64.5	64.5	64.8	64.8	64.8	65.1	65.1	65.2	65.2
IV 8000	53.5	64.4	65.2	66.1	66.4	66.5	66.7	66.7	66.7	66.9	66.9	66.9	67.2	67.2	67.3	67.3
IV 7000	54.0	64.9	65.7	66.7	66.9	67.1	67.2	67.2	67.2	67.5	67.5	67.5	67.7	67.7	67.9	67.9
IV 6000	55.2	67.1	67.9	68.8	69.1	69.2	69.4	69.4	69.4	69.6	69.6	69.6	69.9	69.9	70.0	70.0
IV 5000	56.7	69.8	70.6	71.5	71.8	71.9	72.0	72.0	72.0	72.3	72.3	72.3	72.6	72.6	72.7	72.7
IV 4500	58.5	72.7	73.5	74.5	74.7	74.9	75.0	75.0	75.0	75.3	75.3	75.3	75.5	75.5	75.7	75.7
IV 4000	59.3	73.7	74.5	75.4	75.7	75.8	75.9	75.9	75.9	76.2	76.2	76.2	76.5	76.5	76.6	76.6
IV 3500	61.8	77.4	78.4	79.4	79.7	79.8	80.1	80.1	80.1	80.4	80.4	80.4	80.6	80.6	80.8	80.8
IV 3000	62.6	78.8	79.7	80.8	81.0	81.2	81.7	81.7	81.7	82.0	82.0	82.0	82.3	82.3	82.4	82.4
IV 2500	63.4	80.0	80.9	82.0	82.3	82.4	82.9	82.9	82.9	83.2	83.2	83.2	83.5	83.5	83.6	83.6
IV 2000	63.7	80.4	81.5	82.5	82.8	82.9	83.5	83.5	83.5	83.7	83.7	83.7	84.0	84.0	84.1	84.1
IV 1800	64.4	81.5	82.5	83.6	83.9	84.1	84.7	84.7	84.7	84.9	84.9	84.9	85.2	85.2	85.3	85.3
IV 1500	64.8	82.1	83.2	84.3	84.5	84.8	85.3	85.5	85.5	85.8	85.8	85.8	86.0	86.0	86.2	86.2
IV 1200	65.1	82.5	83.6	84.9	85.5	86.0	86.6	86.8	86.8	87.2	87.2	87.2	87.5	87.5	87.6	87.6
IV 1000	65.1	82.5	83.6	85.1	85.6	86.2	86.7	87.0	87.0	87.4	87.4	87.4	87.6	87.6	87.8	87.8
IV 900	65.1	82.9	84.0	85.5	86.0	86.6	87.2	87.5	87.5	87.9	87.9	87.9	88.2	88.2	88.3	88.3
IV 800	65.2	83.2	84.3	85.8	86.3	86.8	87.5	87.9	87.9	88.7	88.7	88.7	89.0	89.0	89.1	89.1
IV 700	65.2	83.3	84.5	86.0	86.6	87.1	87.8	88.2	88.2	89.2	89.2	89.2	89.5	89.5	89.7	89.7
IV 600	65.2	83.6	84.9	86.7	87.6	88.3	89.0	89.7	89.7	91.5	91.7	91.7	91.9	91.9	92.1	92.1
IV 500	65.2	84.0	85.5	87.2	88.8	90.2	91.1	91.8	91.8	93.8	94.0	94.0	94.2	94.2	94.4	94.4
IV 400	65.2	84.1	85.6	87.4	89.4	90.7	91.8	92.5	92.5	94.8	94.9	94.9	95.2	95.2	95.3	95.3
IV 300	65.2	84.3	85.8	87.5	89.8	91.1	92.7	93.8	93.8	96.2	96.4	96.4	96.6	96.6	96.9	96.9
IV 200	65.2	84.3	85.8	87.6	89.9	91.3	93.3	94.4	94.4	96.9	97.3	97.3	98.1	98.1	98.8	99.5
IV 100	65.2	84.3	85.8	87.6	89.9	91.3	93.3	94.4	94.4	96.9	97.3	97.3	98.3	98.3	98.9	100.0
IV 0	65.2	84.3	85.8	87.6	89.9	91.3	93.3	94.4	94.4	96.9	97.3	97.3	98.3	98.3	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AFB WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

74-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	40.7	45.8	46.4	46.8	46.9	46.9	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.1
IV 18000	44.9	50.9	51.5	51.9	52.0	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.3
IV 16000	44.9	50.8	51.5	51.9	52.0	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.3	52.3
IV 14000	45.1	51.1	51.8	52.2	52.3	52.4	52.4	52.4	52.4	52.5	52.5	52.5	52.6	52.6	52.6	52.7
IV 12000	46.1	52.5	53.2	53.7	53.8	53.8	53.9	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.1	54.1
IV 10000	48.1	54.9	55.6	56.0	56.1	56.2	56.3	56.3	56.3	56.4	56.4	56.4	56.5	56.5	56.5	56.6
IV 9000	48.6	55.5	56.3	56.6	56.7	56.8	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.1	57.1	57.2
IV 8000	51.1	58.5	59.3	59.7	59.8	59.9	60.0	60.0	60.0	60.2	60.2	60.2	60.2	60.2	60.3	60.4
IV 7000	52.5	60.3	61.1	61.6	61.8	61.9	61.9	62.0	62.0	62.1	62.1	62.1	62.2	62.2	62.2	62.3
IV 6000	53.1	61.1	61.8	62.4	62.6	62.7	62.7	62.8	62.8	62.9	62.9	62.9	63.0	63.0	63.0	63.1
IV 5000	54.5	63.2	64.0	64.7	64.8	65.0	65.0	65.1	65.1	65.2	65.2	65.2	65.3	65.3	65.3	65.4
IV 4500	56.3	65.9	66.8	67.5	67.7	68.0	68.1	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.4	68.5
IV 4000	57.9	68.4	69.2	70.0	70.3	70.6	70.7	70.8	70.8	70.9	70.9	70.9	71.0	71.0	71.0	71.1
IV 3500	59.4	70.2	71.1	71.9	72.2	72.6	72.7	72.8	72.8	72.9	72.9	72.9	73.0	73.0	73.0	73.1
IV 3000	61.2	73.0	74.1	75.0	75.4	75.8	75.9	76.0	76.0	76.2	76.2	76.2	76.2	76.2	76.3	76.4
IV 2500	62.5	75.4	76.7	77.8	78.3	78.7	78.9	79.0	79.0	79.1	79.1	79.1	79.2	79.2	79.3	79.4
IV 2000	63.6	76.9	78.2	79.4	80.0	80.4	80.6	80.7	80.7	80.9	80.9	80.9	80.9	80.9	81.0	81.1
IV 1800	63.8	77.3	78.7	79.9	80.5	81.0	81.2	81.4	81.4	81.5	81.5	81.5	81.6	81.6	81.6	81.7
IV 1500	64.5	78.9	80.4	81.7	82.4	82.9	83.2	83.3	83.3	83.5	83.5	83.5	83.6	83.6	83.6	83.7
IV 1200	64.7	79.4	81.0	82.4	83.1	83.7	84.0	84.2	84.2	84.3	84.4	84.4	84.5	84.5	84.5	84.6
IV 1000	64.9	80.0	81.8	83.4	84.2	84.9	85.3	85.5	85.5	85.7	85.8	85.8	85.9	85.9	85.9	86.0
IV 900	64.9	80.2	82.1	83.8	84.8	85.5	85.9	86.1	86.1	86.3	86.4	86.4	86.5	86.5	86.5	86.6
IV 800	64.9	80.5	82.4	84.2	85.3	86.0	86.4	86.7	86.7	86.9	87.0	87.0	87.2	87.2	87.2	87.3
IV 700	65.0	80.9	82.9	84.8	86.1	86.9	87.5	87.8	87.8	88.1	88.2	88.2	88.3	88.3	88.4	88.5
IV 600	65.0	81.2	83.3	85.4	86.8	87.7	88.3	88.7	88.7	89.1	89.1	89.1	89.3	89.3	89.4	89.5
IV 500	65.1	81.6	83.8	86.2	87.9	89.1	90.0	90.5	90.5	91.2	91.4	91.4	91.6	91.6	91.7	91.8
IV 400	65.1	81.8	84.3	86.9	89.1	90.6	91.8	92.5	92.5	93.4	93.7	93.7	94.0	94.0	94.1	94.2
IV 300	65.1	82.1	84.9	87.3	89.9	91.7	93.2	94.2	94.2	95.4	95.8	95.8	96.3	96.3	96.4	96.5
IV 200	65.1	82.1	84.6	87.4	90.2	92.1	93.9	95.1	95.1	96.6	97.1	97.1	97.7	97.8	98.1	98.2
IV 100	65.1	82.1	84.6	87.4	90.2	92.1	93.9	95.2	95.2	97.0	97.7	97.7	98.5	98.6	99.2	99.6
IV 0	65.1	82.1	84.6	87.5	90.3	92.1	94.0	95.2	95.2	97.0	97.7	97.7	98.6	98.7	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 5947

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
STATION

ATLANTIC CITY NJ
STATION NAME

74-81
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥4	≥0
NO CEILING	54.7	59.4	60.0	60.3	60.3	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 20000	56.2	60.9	61.8	62.1	62.1	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.8
≥ 18000	56.6	61.4	62.2	62.5	62.5	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.3
≥ 6000	56.6	61.4	62.2	62.5	62.5	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.3
≥ 14000	56.9	61.5	62.4	62.7	62.7	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.4
≥ 12000	57.5	62.2	63.1	63.4	63.4	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	64.2
≥ 10000	58.8	64.3	65.2	65.5	65.5	65.9	65.9	65.9	65.9	65.9	65.9	66.1	66.1	66.1	66.1	66.1	66.4
≥ 9000	59.1	64.6	65.5	65.8	65.8	66.2	66.2	66.2	66.2	66.2	66.2	66.4	66.4	66.4	66.4	66.4	66.7
≥ 8000	60.6	66.4	67.3	67.6	67.6	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.4
≥ 7000	61.2	67.0	67.8	68.1	68.1	68.6	68.6	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	69.0
≥ 6000	61.5	67.6	68.4	68.9	68.9	69.3	69.3	69.3	69.3	69.3	69.3	69.5	69.5	69.5	69.5	69.5	69.8
≥ 5000	63.4	70.5	71.5	72.0	72.0	72.4	72.4	72.4	72.4	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.9
≥ 4500	65.5	74.2	75.2	75.7	75.7	76.1	76.1	76.1	76.1	76.1	76.1	76.3	76.3	76.3	76.3	76.3	76.5
≥ 4000	66.4	76.1	77.1	77.6	77.7	78.2	78.2	78.2	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.6
≥ 3500	66.8	77.0	78.2	78.6	78.9	79.4	79.4	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.8
≥ 3000	67.6	78.6	79.9	80.4	81.1	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	82.0
≥ 2500	67.8	79.2	80.7	81.1	82.0	82.4	82.4	82.4	82.4	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.9
≥ 2000	68.1	80.4	81.9	82.3	83.3	83.8	84.1	84.2	84.2	84.2	84.2	84.4	84.4	84.4	84.4	84.4	84.7
≥ 1800	68.4	80.7	82.2	82.7	83.8	84.2	84.5	84.8	84.8	84.8	84.8	85.0	85.0	85.0	85.0	85.0	85.3
≥ 1500	68.9	81.6	83.0	83.6	84.8	85.3	85.5	85.8	85.8	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.4
≥ 1200	69.2	82.4	83.9	84.5	85.8	86.3	86.6	87.0	87.0	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.6
≥ 1000	69.6	83.0	84.5	85.1	86.6	87.0	87.3	87.8	87.8	88.1	88.5	88.5	88.5	88.5	88.5	88.5	88.8
≥ 900	69.6	83.0	84.5	85.1	86.7	87.2	87.6	88.1	88.1	88.3	88.8	88.8	88.8	88.8	88.8	88.8	89.1
≥ 800	69.6	83.0	84.5	85.1	86.9	87.5	88.1	88.5	88.5	88.9	89.4	89.4	89.4	89.4	89.4	89.4	89.7
≥ 700	69.6	83.2	84.7	85.3	87.0	87.8	88.3	89.1	89.1	89.7	90.1	90.1	90.1	90.3	90.3	90.3	90.6
≥ 600	69.8	83.6	85.1	85.8	87.8	88.5	89.1	89.8	89.8	90.4	90.9	90.9	90.9	91.0	91.0	91.0	91.3
≥ 500	69.8	83.9	85.4	86.1	88.2	89.2	90.3	91.0	91.0	91.6	92.0	92.0	92.0	92.2	92.2	92.2	92.5
≥ 400	69.8	84.1	85.5	86.4	88.5	89.7	90.9	92.2	92.2	92.8	93.4	93.4	93.5	93.5	93.5	93.5	93.8
≥ 300	69.8	84.1	85.5	86.6	88.6	90.0	91.4	92.9	93.1	93.7	94.2	94.2	94.4	94.4	94.4	94.5	94.8
≥ 200	69.8	84.1	85.5	86.6	88.8	90.1	92.0	93.8	94.0	94.7	95.9	95.9	96.2	96.2	96.3	96.3	96.6
≥ 100	69.8	84.1	85.5	86.6	88.8	90.1	92.0	94.2	94.5	95.4	96.8	96.8	97.6	97.6	97.6	98.1	98.4
≥ 0	69.8	84.1	85.5	86.6	88.8	90.1	92.0	94.2	94.5	95.4	96.8	96.8	97.6	97.6	97.6	98.2	98.6

TOTAL NUMBER OF OBSERVATIONS 674

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
 STATION

ATLANTIC CITY NJ
 STATION NAME

74-81
 YEARS

FE-

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	51.7	55.3	55.6	56.4	56.6	57.0	57.0	57.0	57.0	57.2	57.2	57.2	57.3	57.3	57.3	57.3
≥ 20000	54.2	57.9	58.2	59.4	59.6	60.0	60.0	60.0	60.0	60.1	60.1	60.1	60.3	60.3	60.3	60.4
≥ 18000	54.4	58.1	58.4	59.6	59.7	60.1	60.1	60.1	60.1	60.3	60.3	60.3	60.4	60.4	60.4	60.6
≥ 16000	54.4	59.1	58.4	59.6	59.7	60.1	60.1	60.1	60.1	60.3	60.3	60.3	60.4	60.4	60.4	60.6
≥ 14000	54.7	58.4	58.7	59.9	60.0	60.4	60.4	60.4	60.4	60.6	60.6	60.6	60.7	60.7	60.7	60.9
≥ 12000	55.7	59.6	59.9	61.0	61.2	61.6	61.6	61.6	61.6	61.8	61.8	61.8	61.9	61.9	61.9	62.1
≥ 10000	57.0	61.8	62.1	63.3	63.4	63.9	63.9	63.9	63.9	64.0	64.0	64.0	64.1	64.1	64.1	64.3
≥ 9000	57.9	62.7	63.0	64.1	64.3	64.7	64.7	64.7	64.7	64.9	64.9	64.9	65.0	65.0	65.0	65.2
≥ 8000	59.1	64.6	64.9	66.1	66.2	66.7	66.7	66.7	66.7	66.8	66.8	66.8	67.0	67.0	67.0	67.1
≥ 7000	60.1	65.6	65.9	67.1	67.3	67.7	67.7	67.7	67.7	67.9	67.9	67.9	68.0	68.0	68.0	68.1
≥ 6000	60.4	66.2	66.5	67.7	67.9	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.6	68.6	68.6	68.7
≥ 5000	62.7	68.9	69.2	70.4	70.5	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.3	71.3	71.3	71.4
≥ 4500	64.9	72.4	72.9	74.1	74.2	74.7	74.7	74.7	74.7	74.8	74.8	74.8	75.0	75.0	75.0	75.1
≥ 4000	66.5	74.8	75.4	76.6	76.7	77.2	77.2	77.2	77.2	77.3	77.3	77.3	77.5	77.5	77.5	77.6
≥ 3500	68.0	76.6	77.3	78.5	78.7	79.1	79.1	79.1	79.1	79.3	79.3	79.3	79.4	79.4	79.4	79.6
≥ 3000	68.4	77.3	78.1	79.4	79.9	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.6	80.6	80.6	80.7
≥ 2500	69.2	78.1	79.8	80.1	80.9	81.3	81.5	81.5	81.5	81.6	81.6	81.6	81.8	81.8	81.8	81.9
≥ 2000	70.4	79.7	80.6	81.9	82.7	83.1	83.3	83.3	83.3	83.4	83.4	83.4	83.6	83.6	83.6	83.7
≥ 1800	71.0	80.3	81.2	82.5	83.3	83.7	83.9	83.9	83.9	84.0	84.0	84.0	84.1	84.1	84.1	84.3
≥ 1500	71.1	81.2	82.2	83.6	84.3	84.7	84.9	84.9	84.9	85.0	85.0	85.0	85.2	85.2	85.2	85.3
≥ 1200	71.3	81.3	82.4	83.7	84.4	84.9	85.2	85.2	85.2	85.3	85.3	85.3	85.5	85.5	85.5	85.6
≥ 1000	71.3	81.8	82.8	84.1	84.9	85.3	85.6	86.1	86.1	86.4	86.4	86.4	86.5	86.5	86.5	86.7
≥ 900	71.3	82.1	83.3	84.6	85.3	85.8	86.1	86.5	86.5	86.8	86.8	86.8	87.0	87.0	87.0	87.1
≥ 800	71.3	82.2	83.4	84.7	85.6	86.1	86.4	86.8	86.8	87.1	87.1	87.1	87.6	87.6	87.6	87.7
≥ 700	71.4	82.8	84.0	85.3	86.2	86.7	87.0	87.6	87.6	87.9	87.9	87.9	88.3	88.3	88.3	88.4
≥ 600	71.4	82.8	84.0	85.5	86.5	87.0	87.3	87.9	87.9	88.1	88.1	88.1	88.7	88.7	88.7	88.9
≥ 500	71.7	83.6	84.7	86.5	88.0	88.7	89.3	89.9	89.9	90.2	90.2	90.2	91.0	91.0	91.0	91.1
≥ 400	71.7	84.1	85.8	88.1	89.6	90.4	92.0	92.7	92.7	93.0	93.0	93.0	93.8	93.8	93.9	94.1
≥ 300	71.7	84.3	85.9	88.4	89.9	90.7	92.4	93.2	93.2	93.6	93.6	93.6	94.5	94.5	94.7	94.6
≥ 200	71.7	84.3	85.9	88.4	89.9	90.7	92.9	93.8	93.8	94.7	94.8	94.8	96.3	96.3	96.4	96.6
≥ 100	71.7	84.3	85.9	88.4	89.9	90.7	92.9	93.8	93.8	94.7	95.0	95.0	96.9	96.9	97.8	98.1
≥ 0	71.7	84.3	85.9	88.4	89.9	90.7	92.9	93.8	93.8	94.7	95.0	95.0	97.0	97.0	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 675

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

9273J
STATION

ATLANTIC CITY NJ
STATION NAME

74-81
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-2400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0	
NO CEILING	45.3	55.6	56.1	56.2	56.4	56.4	56.4	56.4	56.4	56.4	56.5	56.8	56.8	56.8	56.8	56.8	57.0
≥ 20000	48.5	59.3	59.8	60.4	60.5	60.5	60.7	60.7	60.7	60.7	60.8	61.1	61.1	61.1	61.1	61.1	61.2
IV 18000	48.5	59.3	59.8	60.4	60.5	60.5	60.7	60.7	60.7	60.7	60.8	61.1	61.1	61.2	61.2	61.2	61.4
IV 16000	48.5	59.3	59.8	60.4	60.5	60.5	60.7	60.7	60.7	60.7	60.8	61.1	61.1	61.2	61.2	61.2	61.4
IV 14000	48.8	59.6	60.1	60.7	60.8	60.8	60.9	60.9	60.9	60.9	61.1	61.4	61.4	61.5	61.5	61.5	61.7
IV 12000	49.4	60.5	61.1	61.7	61.8	61.8	62.3	62.3	62.3	62.3	62.4	62.7	62.7	62.9	62.9	62.9	63.0
IV 10000	51.0	63.0	63.6	64.2	64.3	64.3	64.8	64.8	64.8	64.8	64.9	65.2	65.2	65.4	65.4	65.4	65.5
IV 9000	51.2	63.2	63.8	64.3	64.5	64.5	65.1	65.1	65.1	65.2	65.2	65.5	65.5	65.7	65.7	65.7	65.8
IV 8000	52.5	65.2	65.8	66.6	66.7	66.7	67.3	67.3	67.3	67.5	67.8	67.8	67.8	67.9	67.9	67.9	68.0
IV 7000	53.6	66.6	67.2	67.9	68.0	68.0	68.6	68.6	68.6	68.6	68.8	69.1	69.1	69.2	69.2	69.2	69.4
IV 6000	53.7	66.7	67.3	68.0	68.2	68.2	68.8	68.8	68.8	68.8	68.9	69.2	69.2	69.5	69.5	69.5	69.7
IV 5000	54.7	68.0	68.8	69.7	69.8	69.8	70.4	70.4	70.4	70.6	71.0	71.3	71.3	71.3	71.3	71.4	71.6
IV 4500	55.8	69.5	70.6	71.4	71.6	71.6	72.2	72.2	72.2	72.3	72.8	72.8	72.8	73.1	73.1	73.2	73.4
IV 4000	57.1	71.9	72.9	74.0	74.3	74.3	74.9	74.9	74.9	75.0	75.4	75.4	75.4	75.7	75.7	75.9	76.0
IV 3500	58.3	73.7	74.7	75.9	76.2	76.2	76.8	76.8	76.8	76.9	77.4	77.4	77.4	77.7	77.7	77.8	78.0
IV 3000	58.6	75.1	76.3	77.5	77.8	77.8	78.6	78.6	78.6	78.7	79.1	79.1	79.4	79.4	79.6	79.6	79.7
IV 2500	59.5	76.6	77.8	79.1	79.4	79.4	80.3	80.3	80.3	80.5	80.9	80.9	81.2	81.2	81.4	81.5	81.5
IV 2000	59.9	77.7	78.8	80.2	80.5	80.6	81.7	81.7	81.7	81.8	82.2	82.2	82.5	82.5	83.0	83.1	83.1
IV 1800	60.2	78.0	79.1	80.5	80.8	80.9	82.0	82.0	82.0	82.1	82.5	82.5	82.8	82.8	83.3	83.4	83.4
IV 1500	60.7	78.6	79.7	81.2	81.5	81.7	82.7	82.7	82.7	82.8	83.3	83.3	83.6	83.6	84.0	84.2	84.2
IV 1200	60.7	78.7	80.2	81.7	82.1	82.2	83.4	83.4	83.4	83.6	84.0	84.0	84.3	84.3	84.9	84.9	84.9
IV 1000	60.9	79.0	80.5	82.2	82.7	82.8	84.0	84.0	84.0	84.2	84.6	84.6	84.9	84.9	85.4	85.5	85.5
IV 900	60.9	79.1	80.8	82.5	83.1	83.3	84.5	84.5	84.5	84.6	85.1	85.1	85.4	85.4	85.8	85.9	85.9
IV 800	60.9	79.3	80.9	82.8	83.4	83.6	84.8	84.8	84.8	84.9	85.4	85.4	85.7	85.7	86.1	86.2	86.2
IV 700	60.9	79.6	81.5	83.9	84.9	85.1	86.2	86.2	86.2	86.4	86.9	86.8	87.1	87.1	87.6	87.7	87.7
IV 600	60.9	79.7	82.0	84.5	85.7	85.8	87.0	87.0	87.0	87.3	87.7	87.7	88.0	88.0	88.5	88.6	88.6
IV 500	60.9	79.9	82.7	85.8	87.1	87.7	89.1	89.2	89.2	89.8	90.4	90.4	90.7	91.0	91.4	91.6	91.6
IV 400	60.9	80.2	83.1	86.4	88.2	88.9	90.4	91.0	91.0	91.7	92.5	92.5	92.8	93.0	93.5	93.6	93.6
IV 300	60.9	80.3	83.3	86.8	88.8	89.6	91.3	91.9	91.9	92.8	93.5	93.5	93.8	94.1	94.5	94.7	94.7
IV 200	60.9	80.3	83.3	86.8	88.8	89.6	91.4	92.0	92.0	93.6	94.8	94.8	95.4	95.9	96.4	96.7	96.7
IV 100	60.9	80.3	83.3	86.8	88.8	89.6	91.4	92.0	92.0	93.6	94.8	94.8	95.9	96.6	97.2	98.2	98.2
IV 0	60.9	80.3	83.3	86.8	88.8	89.6	91.4	92.0	92.0	93.6	94.8	94.8	96.3	97.0	98.1	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 676

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

74-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	42.4	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 20000	47.7	62.0	62.8	62.9	62.9	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 18000	47.9	62.2	62.9	63.1	63.1	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 16000	48.0	62.3	63.1	63.2	63.2	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 14000	48.0	62.3	63.2	63.4	63.4	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 12000	48.7	63.5	64.5	64.7	64.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 10000	50.1	65.7	66.8	66.9	66.9	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 9000	50.4	66.5	67.5	67.7	67.7	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 8000	52.6	70.2	71.2	71.6	71.6	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 7000	53.2	71.0	72.2	72.7	72.7	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 6000	53.3	71.3	72.5	73.0	73.0	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 5000	54.4	73.3	74.6	75.2	75.2	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 4500	55.2	75.2	76.5	77.1	77.1	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 4000	55.5	75.9	77.5	78.1	78.1	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 3500	56.3	76.8	78.4	79.3	79.3	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 3000	56.6	77.4	79.0	80.4	80.4	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 2500	57.9	78.9	80.5	81.8	81.8	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 2000	58.2	79.5	81.1	82.7	82.7	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 1800	58.3	79.8	81.4	83.0	83.0	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 1500	58.6	80.1	81.7	83.5	83.5	84.2	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1200	58.6	80.1	81.7	83.5	83.5	84.2	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 1000	58.8	80.5	82.1	83.9	84.0	84.8	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 900	58.8	80.5	82.3	84.3	84.9	85.7	86.0	86.1	86.1	86.4	86.7	86.7	86.7	86.7	86.7	86.7
≥ 800	58.8	80.6	82.6	84.8	85.7	86.4	86.7	86.9	86.9	87.3	87.6	87.6	87.6	87.6	87.6	87.6
≥ 700	58.8	80.9	83.0	85.4	86.3	87.1	87.4	87.6	87.6	88.0	88.3	88.3	88.5	88.5	88.5	88.5
≥ 600	58.8	81.1	83.3	86.0	86.9	88.0	88.3	88.5	88.5	88.9	89.2	89.2	89.4	89.4	89.4	89.4
≥ 500	58.8	81.2	83.8	86.3	87.1	88.6	89.1	89.5	89.5	90.1	90.5	90.5	90.7	90.7	90.7	90.7
≥ 400	58.8	81.2	83.8	86.7	87.9	89.6	90.3	91.0	91.0	91.9	92.5	92.5	92.6	92.6	92.6	92.6
≥ 300	58.8	81.2	83.9	87.0	88.3	90.3	90.8	91.9	92.0	94.1	94.8	94.8	95.3	95.3	95.3	95.3
≥ 200	58.8	81.2	83.9	87.0	88.3	90.4	91.3	92.9	93.1	95.3	96.3	96.3	96.9	96.9	96.9	97.2
≥ 100	58.8	81.2	83.9	87.0	88.3	90.4	91.3	92.9	93.1	95.3	96.6	96.6	97.9	97.9	98.2	99.1
≥ 0	58.8	81.2	83.9	87.0	88.3	90.4	91.3	92.9	93.1	95.3	96.6	96.6	97.9	97.9	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 677

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

74-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	45.6	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 20000	53.2	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 18000	53.2	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 16000	53.2	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 14000	53.2	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 12000	54.4	66.0	66.2	66.2	66.2	66.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 10000	56.0	68.1	68.2	68.2	68.4	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 9000	56.0	68.1	68.2	68.2	68.4	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 8000	58.2	71.2	71.3	71.3	71.5	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 7000	59.2	73.0	73.4	73.4	73.6	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 6000	59.2	73.0	73.4	73.4	73.6	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 5000	60.0	74.7	75.2	75.3	75.5	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 4500	60.7	75.9	76.4	76.5	76.7	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 4000	62.3	77.8	78.4	78.6	78.7	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 3500	62.9	79.0	79.6	79.8	79.9	80.2	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 3000	64.1	80.6	81.2	81.5	81.8	82.1	82.1	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 2500	64.5	82.1	82.7	83.0	83.3	83.6	83.6	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 2000	64.5	82.6	83.2	83.5	83.8	84.0	84.0	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 1800	64.7	82.7	83.3	83.6	83.9	84.3	84.3	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 1500	64.8	83.5	84.0	84.8	85.2	85.7	85.7	85.8	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1200	65.0	84.0	84.9	85.8	86.4	86.9	86.9	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1000	65.0	84.9	86.0	86.9	87.7	88.2	88.3	88.5	88.5	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 900	65.0	84.9	86.0	87.0	88.0	88.6	88.8	88.9	88.9	89.7	89.7	89.7	89.7	89.8	89.8	89.8
≥ 800	65.0	84.9	86.0	87.3	88.3	89.1	89.4	89.5	89.5	90.3	90.4	90.4	90.5	90.5	90.5	90.5
≥ 700	65.0	85.4	86.4	88.0	89.4	90.1	90.7	91.0	91.0	91.9	92.0	92.0	92.2	92.2	92.2	92.2
≥ 600	65.0	85.4	86.4	88.3	89.7	90.8	91.6	91.9	91.9	92.8	92.9	92.9	93.1	93.1	93.1	93.1
≥ 500	65.0	85.4	86.4	88.8	90.3	91.4	92.5	92.8	92.9	94.1	94.2	94.2	94.5	94.5	94.5	94.5
≥ 400	65.0	85.4	86.4	88.9	90.7	91.9	93.4	93.9	94.1	95.3	96.0	96.0	96.3	96.3	96.3	96.3
≥ 300	65.0	85.4	86.4	88.9	90.8	92.0	93.5	94.2	94.4	96.0	96.9	97.0	97.5	97.5	97.5	97.6
≥ 200	65.0	85.4	86.4	88.9	90.8	92.0	93.6	94.4	94.5	96.8	97.6	97.8	98.2	98.2	98.4	98.5
≥ 100	65.0	85.4	86.4	88.9	90.8	92.0	93.6	94.4	94.5	97.0	98.1	98.2	99.1	99.1	99.4	99.6
≥ 0	65.0	85.4	86.4	88.9	90.8	92.0	93.6	94.4	94.5	97.0	98.1	98.2	99.3	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 677

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

92730

ATLANTIC CITY NJ

74-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	44.3	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
IV 20000	51.1	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
IV 18000	51.7	62.6	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 16000	51.7	62.6	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 14000	51.8	62.8	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
IV 12000	52.6	64.3	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IV 10000	54.7	66.5	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
IV 9000	54.8	66.9	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
IV 8000	56.0	69.3	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
IV 7000	56.9	71.2	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
IV 6000	57.5	71.8	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 5000	57.8	72.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
IV 4500	59.7	75.6	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 4000	60.5	77.5	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 3500	61.0	78.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 3000	62.2	79.8	80.8	81.4	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 2500	62.6	80.5	81.7	82.4	82.7	82.7	82.7	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 2000	63.1	81.5	82.7	83.6	84.0	84.3	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 1800	63.2	81.7	82.9	83.8	84.2	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 1500	63.4	82.9	84.0	85.1	85.5	85.8	86.0	86.1	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3
IV 1200	63.4	83.0	84.2	85.2	85.7	86.1	86.3	86.4	86.4	86.4	86.7	86.7	86.7	86.7	86.7	86.7
IV 1000	63.4	83.9	85.2	86.6	87.1	87.6	87.7	88.0	88.0	88.0	88.6	88.6	88.6	88.6	88.6	88.6
IV 900	63.4	83.9	85.5	87.1	87.7	88.2	88.5	88.8	88.8	88.8	89.4	89.4	89.4	89.4	89.4	89.4
IV 800	63.4	84.0	85.7	87.3	87.9	88.3	88.6	88.9	88.9	88.9	89.7	89.7	89.8	89.8	89.8	89.8
IV 700	63.4	84.3	86.1	88.2	88.9	89.4	89.7	90.0	90.0	90.3	91.0	91.0	91.1	91.1	91.1	91.1
IV 600	63.5	84.9	86.7	88.9	89.8	90.3	90.5	90.8	90.8	91.1	91.9	91.9	92.0	92.0	92.0	92.0
IV 500	63.5	84.9	87.0	89.5	90.4	91.1	91.4	92.2	92.2	92.9	93.8	93.8	94.1	94.1	94.1	94.1
IV 400	63.5	85.1	87.1	89.7	91.0	91.9	92.6	93.4	93.4	94.1	95.0	95.0	95.3	95.3	95.3	95.3
IV 300	63.5	85.1	87.3	89.8	91.4	92.5	93.5	94.5	94.5	95.7	97.0	97.0	97.6	97.6	97.6	97.6
IV 200	63.5	85.1	87.3	89.8	91.4	92.6	93.8	94.8	94.8	96.3	97.6	97.6	98.2	98.4	98.7	98.7
IV 100	63.5	85.1	87.3	89.8	91.4	92.6	93.8	94.8	94.8	96.3	97.9	97.9	98.7	98.8	99.3	99.4
IV 0	63.5	85.1	87.3	89.8	91.4	92.6	93.8	94.8	94.8	96.3	97.9	97.9	98.7	98.8	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 677

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

9373U

ATLANTIC CITY NJ

74-81

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	50.1	57.3	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 2000	54.5	64.1	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IV 1800	54.5	64.5	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
IV 600	54.5	64.5	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
IV 4000	54.5	64.5	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
IV 2000	54.7	64.8	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
IV 2000	56.1	67.4	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
IV 900	56.6	67.8	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 8000	57.8	69.6	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
IV 7000	58.9	71.2	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
IV 6000	59.7	72.5	73.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
IV 5000	61.4	75.2	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
IV 4500	62.2	76.8	78.0	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IV 4000	62.9	77.7	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
IV 3500	63.7	79.0	80.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 3000	63.8	79.3	81.1	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 2500	64.8	81.2	83.3	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 2000	65.3	81.8	84.0	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 1800	65.7	82.6	84.8	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 1500	66.3	83.3	85.5	86.4	86.4	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 1200	66.3	83.6	85.8	87.0	87.1	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 1000	66.3	83.8	86.0	87.1	87.3	87.7	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 900	66.3	84.2	86.4	87.6	87.7	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 800	66.3	84.3	86.6	87.7	87.9	88.3	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 700	66.3	84.3	86.6	88.0	88.2	88.6	89.1	89.1	89.1	89.1	89.1	89.5	89.5	89.5	89.5	89.7
IV 600	66.3	84.6	87.4	89.1	89.2	89.7	90.3	90.3	90.3	90.4	90.8	90.8	90.8	90.8	90.8	91.0
IV 500	66.3	84.6	87.6	89.5	89.7	90.3	91.0	91.4	91.4	91.7	92.5	92.5	92.5	92.5	92.5	92.6
IV 400	66.3	84.9	88.2	90.1	90.5	91.1	92.0	92.9	92.9	93.5	94.4	94.4	94.5	94.5	94.5	94.7
IV 300	66.3	84.9	88.2	90.1	90.5	91.1	92.2	93.4	93.4	94.7	95.7	95.7	96.0	96.0	96.0	96.2
IV 200	66.3	84.9	88.2	90.3	90.8	91.4	92.8	94.8	94.8	96.2	97.5	97.5	97.9	98.1	98.5	98.7
IV 100	66.3	84.9	88.2	90.3	90.8	91.4	92.8	94.8	94.8	96.3	97.6	97.6	98.2	98.4	99.0	99.1
IV 0	66.3	84.9	88.2	90.3	90.8	91.4	92.8	94.8	94.8	96.3	97.6	97.6	98.2	98.4	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 677

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

9373C

ATLANTIC CITY NJ

74-81

FEB

STATION

STATION NAME

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥¾	≥5/16	≥¼	≥0
NO CEILING	53.5	59.1	59.4	59.4	60.0	60.0	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 20000	56.6	63.3	63.4	63.4	64.0	64.0	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
IV 18000	56.6	63.3	63.6	63.6	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
IV 16000	56.6	63.4	63.7	63.7	64.3	64.3	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
IV 14000	56.6	63.4	63.7	63.7	64.3	64.3	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
IV 12000	56.6	63.7	64.0	64.0	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
IV 10000	58.4	65.8	66.1	66.1	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
IV 9000	58.4	66.1	66.4	66.4	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
IV 8000	59.9	68.1	68.4	68.4	69.0	69.0	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
IV 7000	60.3	68.6	68.9	68.9	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
IV 6000	60.8	69.4	69.9	69.9	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
IV 5000	61.8	71.5	71.8	71.8	72.4	72.4	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
IV 4500	63.7	74.3	74.6	74.6	75.2	75.2	75.4	75.7	75.7	75.7	76.0	76.0	76.0	76.0	76.0	76.0
IV 4000	64.0	76.1	76.5	76.5	77.1	77.1	77.3	77.6	77.6	77.6	77.9	77.9	77.9	77.9	77.9	77.9
IV 3500	64.9	77.3	77.9	77.9	78.9	78.9	79.1	79.4	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6
IV 3000	64.9	78.0	78.6	78.6	79.6	79.6	79.8	80.1	80.1	80.1	80.4	80.4	80.4	80.4	80.4	80.4
IV 2500	66.1	79.5	80.1	80.1	81.1	81.1	81.3	81.6	81.6	81.6	81.9	81.9	81.9	81.9	81.9	81.9
IV 2000	67.0	80.8	81.6	82.2	83.3	83.3	83.5	83.8	83.8	83.8	84.1	84.1	84.1	84.1	84.1	84.1
IV 1800	67.1	81.7	82.6	83.5	84.7	84.7	84.8	85.1	85.1	85.1	85.4	85.4	85.4	85.4	85.4	85.4
IV 1500	67.1	81.9	82.7	83.8	85.0	85.0	85.1	85.4	85.4	85.5	85.8	85.8	85.8	85.8	85.8	85.8
IV 1200	67.4	82.4	83.3	84.4	85.5	85.5	85.8	86.4	86.4	86.6	86.9	86.9	86.9	86.9	86.9	86.9
IV 1000	67.6	82.6	83.6	84.8	86.0	86.1	86.4	87.0	87.0	87.2	87.6	87.6	87.6	87.6	87.6	87.6
IV 900	67.6	82.9	83.9	85.1	86.4	86.6	87.0	87.6	87.6	87.8	88.2	88.2	88.2	88.2	88.2	88.2
IV 800	67.6	82.9	83.9	85.1	86.4	86.6	87.3	88.1	88.1	88.2	88.6	88.6	88.6	88.6	88.6	88.6
IV 700	67.7	83.0	84.1	85.3	86.6	86.7	87.5	88.2	88.2	88.3	88.8	88.8	88.8	88.8	88.8	88.8
IV 600	67.7	83.3	84.4	85.7	87.0	87.2	87.9	88.6	88.6	88.8	89.2	89.2	89.2	89.2	89.2	89.2
IV 500	67.7	83.5	84.5	86.3	87.8	87.9	88.8	90.0	90.0	90.1	90.9	90.9	90.9	90.9	91.0	91.0
IV 400	67.7	83.5	84.8	86.7	88.3	88.6	89.8	91.4	91.4	91.7	92.6	92.6	92.8	92.8	92.9	92.9
IV 300	67.7	83.5	84.8	86.9	88.8	89.1	90.4	93.5	93.7	94.1	95.0	95.0	95.4	95.4	96.0	96.0
IV 200	67.7	83.5	84.8	87.0	89.4	89.8	91.3	95.1	95.3	96.0	97.1	97.1	97.8	97.8	98.5	98.5
IV 100	67.7	83.5	84.8	87.0	89.4	89.8	91.3	95.1	95.3	96.2	97.2	97.2	98.1	98.1	99.1	99.3
IV 0	67.7	83.5	84.8	87.0	89.4	89.8	91.3	95.1	95.3	96.2	97.2	97.2	98.1	98.1	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 676

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
 STATION

ATLANTIC CITY NJ
 STATION NAME

74-81
 YEARS

FEB
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥¾	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	48.5	55.6	55.9	56.1	56.2	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.5	56.5	56.5
IV 18000 6000	52.9	61.9	62.4	62.7	62.8	63.0	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.2
IV 14000 2000	53.1	62.0	62.6	62.9	63.0	63.1	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.4
IV 10000 9000	55.3	65.3	65.9	66.2	66.4	66.6	66.6	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.9
IV 8000 7000	57.1	68.1	68.7	69.1	69.2	69.4	69.5	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.8
IV 6000 5000	58.3	69.8	70.5	70.9	71.1	71.3	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.6	71.6	71.6
IV 4500 4000	61.0	74.3	75.1	75.6	75.7	75.9	76.0	76.1	76.1	76.1	76.2	76.2	76.2	76.3	76.3	76.4
IV 3500 3000	62.7	77.2	78.2	78.7	79.0	79.2	79.3	79.4	79.4	79.4	79.5	79.5	79.6	79.6	79.6	79.7
IV 2500 2000	64.1	79.5	80.7	81.5	81.9	82.1	82.3	82.4	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.7
IV 1800 1500	64.8	80.9	82.2	83.2	83.7	84.0	84.2	84.3	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.7
IV 1200 1000	65.2	82.0	83.3	84.5	85.1	85.4	85.6	86.0	86.0	86.1	86.2	86.2	86.3	86.3	86.4	86.4
IV 900 800	65.4	82.6	84.1	85.4	86.3	86.7	87.1	87.4	87.4	87.6	87.9	87.9	88.0	88.0	88.0	88.1
IV 700 600	65.4	83.0	84.5	86.2	87.2	87.7	88.2	88.6	88.6	88.9	89.3	89.3	89.5	89.5	89.5	89.6
IV 500 400	65.5	83.4	85.3	87.3	88.6	89.4	90.2	90.7	90.8	91.3	91.8	91.8	92.1	92.1	92.2	92.3
IV 300 200	65.5	83.6	85.7	88.1	89.7	90.7	91.9	93.2	93.3	94.3	95.1	95.1	95.6	95.6	95.8	95.9
IV 100 0	65.5	83.6	85.7	88.1	89.8	90.8	92.4	94.0	94.0	95.4	96.5	96.5	97.1	97.2	97.5	97.7
	65.5	83.6	85.7	88.1	89.8	90.8	92.4	94.0	94.1	95.6	96.7	96.8	97.8	97.9	98.5	98.9
	65.5	83.6	85.7	88.1	89.8	90.8	92.4	94.0	94.1	95.6	96.7	96.8	97.9	98.0	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 5415

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733
STATION

ATLANTIC CITY NJ
STATION NAME

74-81
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES																	
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	¾	≥0	
NO CEILING	46.9	50.7	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.5	51.5
≥ 20000	51.6	55.6	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6
IV 18000	51.6	55.6	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6
IV 16000	51.9	55.9	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.9	56.9	56.9
IV 14000	52.4	56.5	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.4	57.4	57.4
IV 12000	54.8	59.1	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.1	60.1	60.1
IV 10000	58.3	62.6	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.6	63.6	63.6
IV 9000	59.0	63.3	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.2	64.2	64.2
IV 8000	61.4	66.1	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.1	67.1	67.1
IV 7000	63.7	69.1	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0
IV 6000	64.0	69.9	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.8	70.8	70.8
IV 5000	65.5	72.3	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.3	73.3	73.3
IV 4500	68.1	75.5	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.6	76.6	76.6
IV 4000	68.7	76.5	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.6	77.6	77.6
IV 3500	69.9	78.9	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	80.0	80.0	80.0
IV 3000	71.6	81.7	82.5	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.1	83.1	83.1
IV 2500	72.7	83.7	84.7	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.5	85.5	85.5
IV 2000	73.3	84.4	85.6	86.0	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.6	86.6	86.6
IV 1800	73.5	84.8	86.0	86.4	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	87.0	87.0	87.0
IV 1500	73.7	85.8	87.1	87.5	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.0	88.0	88.0
IV 1200	74.2	86.3	87.8	88.2	88.4	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.8	88.8	88.8
IV 1000	74.2	86.7	88.4	88.8	89.1	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.5	89.5	89.5
IV 900	74.3	87.4	89.1	89.5	89.9	90.2	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6
IV 800	74.5	87.6	89.4	89.9	90.3	90.6	90.7	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1
IV 700	74.5	87.9	89.7	90.3	90.7	91.1	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.7	91.7	91.7
IV 600	74.5	88.3	90.1	91.3	92.6	93.1	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.7	93.7	93.7
IV 500	74.7	89.1	90.9	92.2	93.5	94.1	94.2	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6
IV 400	74.9	89.4	91.3	92.9	94.5	95.2	95.4	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	96.0	96.0	96.0
IV 300	74.9	89.5	91.7	93.8	95.7	96.4	96.9	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7
IV 200	74.9	89.5	91.7	94.2	96.1	96.8	97.3	97.7	97.8	98.1	98.7	98.7	98.9	98.9	98.9	99.1	99.1	99.1
IV 100	74.9	89.5	91.7	94.2	96.1	96.8	97.3	97.7	97.8	98.5	99.1	99.1	99.3	99.3	99.3	99.9	99.9	99.9
IV 0	74.9	89.5	91.7	94.2	96.1	96.8	97.3	97.7	97.8	98.5	99.1	99.1	99.3	99.3	99.3	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 US AF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

74-81

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅓	≥⅓/16	≥¼	≥0	
NO CEILING ≥ 20000	44.6	48.5	48.9	49.1	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.5	49.5	49.7	50.0
IV 18000 IV 16000	50.3	54.2	54.6	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	55.1	55.1	55.4	55.6
IV 14000 IV 12000	50.7	54.6	55.0	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.5	55.5	55.8	56.0
IV 10000 IV 9000	50.9	54.8	55.2	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.8	55.8	56.0	56.3
IV 8000 IV 7000	53.4	57.7	58.1	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.6	58.6	58.9	59.1
IV 6000 IV 5000	56.9	61.4	62.0	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.5	62.5	62.8	63.0
IV 4500 IV 4000	57.7	62.2	62.8	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.3	63.3	63.6	63.8
IV 3500 IV 3000	59.9	65.2	65.7	65.9	65.9	65.9	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.4	66.4	66.7	66.9
IV 2500 IV 2000	62.6	68.3	68.8	69.0	69.0	69.0	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.5	69.5	69.8	70.0
IV 1800 IV 1500	63.2	69.2	69.8	69.9	69.9	69.9	70.0	70.0	70.0	70.2	70.2	70.2	70.2	70.4	70.4	70.7	71.0
IV 1200 IV 1000	66.4	74.2	74.9	75.0	75.0	75.0	75.1	75.1	75.1	75.3	75.3	75.3	75.3	75.5	75.5	75.8	76.1
IV 900 IV 800	68.0	76.5	77.2	77.3	77.3	77.3	77.4	77.4	77.4	77.6	77.6	77.6	77.6	77.8	77.8	78.1	78.4
IV 700 IV 600	68.8	77.2	77.8	78.0	78.0	78.0	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.5	78.5	78.8	79.0
IV 500 IV 400	68.9	77.8	78.5	78.6	78.6	78.6	78.8	78.8	78.8	78.9	78.9	78.9	78.9	79.2	79.2	79.4	79.7
IV 300 IV 200	70.3	80.2	80.9	81.0	81.0	81.0	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.6	81.6	81.9	82.1
IV 100 IV 0	71.1	81.3	82.0	82.1	82.1	82.1	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.8	82.8	83.2	83.6
	71.8	82.8	83.5	83.7	83.7	83.7	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.4	84.4	84.8	85.2
	72.2	83.3	84.0	84.4	84.4	84.4	84.5	84.5	84.5	84.7	84.7	84.7	84.7	85.1	85.1	85.5	85.9
	72.6	84.0	84.8	85.5	85.5	85.5	85.6	85.6	85.6	85.8	85.8	85.8	85.8	86.2	86.2	86.6	87.0
	72.8	84.3	85.1	85.8	85.8	85.8	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.4	86.4	86.8	87.2
	73.4	85.8	86.7	88.0	88.0	88.0	88.2	88.3	88.3	88.4	88.4	88.4	88.4	88.8	88.8	89.2	89.7
	73.5	86.2	87.1	88.6	88.6	88.6	88.7	88.8	88.8	89.0	89.0	89.0	89.0	89.4	89.4	89.8	90.2
	73.8	86.6	87.5	89.0	89.1	89.1	89.2	89.4	89.4	89.5	89.5	89.5	89.5	89.9	89.9	90.3	90.7
	74.1	87.4	88.3	89.8	89.9	89.9	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.7	90.7	91.1	91.5
	74.5	88.3	89.4	91.0	91.3	91.3	91.5	91.7	91.7	91.8	91.8	91.8	91.8	92.2	92.2	92.6	93.0
	74.9	88.8	90.1	91.8	92.2	92.3	92.7	92.9	93.0	93.3	93.3	93.3	93.3	93.7	93.7	94.1	94.5
	74.9	89.0	90.2	92.1	92.7	92.9	93.7	94.0	94.1	94.4	94.4	94.4	94.4	94.8	94.8	95.2	95.6
	75.0	89.1	90.5	92.5	93.1	93.4	94.2	94.8	95.2	95.8	95.8	95.8	95.8	96.2	96.2	96.6	97.0
	75.0	89.2	90.9	92.9	93.8	94.4	95.3	95.8	96.2	96.9	96.9	96.9	96.9	97.0	97.0	97.7	98.0
	75.0	89.2	90.9	92.9	93.8	94.4	95.3	95.8	96.2	96.9	97.0	97.0	97.0	97.7	97.7	98.0	98.6
	75.0	89.2	90.9	92.9	93.8	94.4	95.3	95.8	96.2	96.9	97.0	97.0	97.0	97.7	97.7	98.0	98.7
	75.0	89.2	90.9	92.9	93.8	94.4	95.3	95.8	96.2	96.9	97.0	97.0	97.0	97.7	97.7	98.0	98.7

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
 STATION

ATLANTIC CITY NJ
 STATION NAME

74-81
 YEARS

MAR
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¼	≥0
NO CEILING	37.4	45.0	46.1	46.8	46.8	46.8	46.9	46.9	46.9	46.9	47.0	47.0	47.2	47.3	47.7	48.3
IV 20000	42.3	51.3	52.7	53.5	53.6	53.6	53.8	53.9	53.8	53.8	53.9	53.9	54.0	54.2	54.6	55.1
IV 18000	42.6	51.6	53.0	53.8	53.9	53.9	54.0	54.0	54.0	54.0	54.2	54.2	54.3	54.4	54.8	55.4
IV 16000	42.6	51.6	53.0	53.8	53.9	53.9	54.0	54.0	54.0	54.0	54.2	54.2	54.3	54.4	54.8	55.4
IV 14000	43.0	52.4	53.8	54.6	54.7	54.7	54.8	54.8	54.8	54.8	55.0	55.0	55.1	55.2	55.6	56.2
IV 12000	45.3	54.7	56.2	57.0	57.1	57.1	57.3	57.3	57.3	57.3	57.4	57.4	57.5	57.7	58.1	58.6
IV 10000	47.0	57.4	58.9	59.7	59.8	59.8	59.9	59.9	59.9	59.9	60.1	60.1	60.2	60.3	60.8	61.3
IV 9000	47.4	58.3	59.9	60.8	60.9	60.9	61.0	61.0	61.0	61.0	61.2	61.2	61.3	61.4	61.9	62.4
IV 8000	49.1	61.3	63.4	64.2	64.4	64.4	64.5	64.5	64.5	64.5	64.7	64.7	64.8	64.9	65.3	65.9
IV 7000	50.9	63.6	65.7	66.8	67.1	67.1	67.2	67.2	67.2	67.2	67.3	67.3	67.5	67.6	68.0	68.5
IV 6000	51.3	64.9	67.1	68.1	68.4	68.4	68.5	68.5	68.5	68.5	68.7	68.7	68.8	69.0	69.4	69.9
IV 5000	53.4	67.3	69.5	70.6	70.8	70.8	71.0	71.0	71.0	71.0	71.1	71.1	71.2	71.4	71.8	72.3
IV 4500	54.8	69.6	72.3	73.8	74.1	74.1	74.2	74.2	74.2	74.2	74.3	74.3	74.5	74.6	75.0	75.5
IV 4000	55.6	70.7	73.4	74.9	75.1	75.1	75.3	75.3	75.3	75.3	75.4	75.4	75.5	75.7	76.1	76.6
IV 3500	57.3	72.6	75.3	76.7	77.0	77.0	77.2	77.2	77.2	77.2	77.3	77.3	77.4	77.6	78.0	78.5
IV 3000	58.5	75.1	78.2	79.7	80.0	80.0	80.1	80.1	80.1	80.1	80.2	80.2	80.4	80.5	80.9	81.5
IV 2500	58.7	75.7	78.8	80.4	80.6	80.6	80.8	80.8	80.8	80.8	80.9	80.9	81.2	81.3	81.7	82.3
IV 2000	59.0	77.0	80.2	82.3	82.5	82.5	82.7	82.8	82.8	82.8	82.9	82.9	83.2	83.3	83.7	84.3
IV 1800	59.1	77.4	80.6	82.8	83.1	83.1	83.2	83.3	83.3	83.3	83.5	83.5	83.7	83.9	84.3	84.9
IV 1500	59.4	78.5	81.9	84.1	84.5	84.5	84.7	84.9	85.1	85.1	85.1	85.2	85.2	85.5	85.6	86.0
IV 1200	59.7	79.0	82.4	84.7	85.2	85.3	85.6	85.8	85.8	85.8	85.9	85.9	86.2	86.3	86.7	87.2
IV 1000	59.7	80.2	83.6	86.0	87.0	87.1	87.5	87.6	87.6	87.6	87.8	87.8	88.2	88.3	88.7	89.2
IV 900	59.8	80.5	83.9	86.4	87.4	87.5	87.9	88.0	88.0	88.0	88.2	88.2	88.6	88.7	89.1	89.7
IV 800	60.1	81.0	84.4	87.0	87.9	88.0	88.4	88.6	88.6	88.6	88.7	88.7	89.1	89.2	89.7	90.2
IV 700	60.1	81.5	85.1	87.6	88.8	89.0	89.4	89.5	89.5	89.5	89.7	89.7	90.1	90.2	90.6	91.1
IV 600	60.2	81.9	85.5	88.2	89.5	89.7	90.2	90.5	90.5	90.6	90.7	90.7	91.1	91.3	91.7	92.2
IV 500	60.2	81.9	85.8	88.8	90.7	91.3	92.1	92.7	92.7	93.0	93.4	93.4	94.0	94.1	94.5	95.0
IV 400	60.2	81.9	85.8	88.8	90.7	91.3	92.1	92.7	92.7	93.0	93.4	93.4	94.0	94.1	94.5	95.0
IV 300	60.2	82.0	85.9	89.2	91.1	91.8	93.0	94.2	94.4	95.6	96.0	96.1	96.6	96.8	97.2	97.7
IV 200	60.2	82.0	85.9	89.2	91.1	91.8	93.0	94.4	94.5	96.2	96.6	96.8	97.4	97.6	98.0	98.5
IV 100	60.2	82.0	85.9	89.2	91.1	91.8	93.0	94.4	94.5	96.2	96.6	96.8	97.7	97.8	98.7	99.7
IV 0	60.2	82.0	85.9	89.2	91.1	91.8	93.0	94.4	94.5	96.2	96.6	96.8	97.7	97.8	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
STATION

ATLANTIC CITY NJ
STATION NAME

74-81
YEARS

4A
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	40.1	46.0	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
≥ 20000	46.8	54.7	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 18000	47.2	55.1	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 16000	47.2	55.1	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 14000	47.6	55.9	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 12000	49.5	58.7	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 10000	51.1	61.4	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 9000	52.0	62.9	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 8000	53.1	64.9	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 7000	53.2	65.7	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 6000	53.5	66.5	67.9	68.1	68.1	68.1	68.1	68.1	69.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 5000	54.4	68.3	69.6	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 4500	56.3	71.1	72.7	73.0	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 4000	57.3	73.1	74.9	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 3500	58.6	73.9	75.7	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 3000	60.3	76.1	77.8	78.2	78.2	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 2500	61.6	78.5	80.4	80.9	81.0	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2000	61.8	79.4	81.6	82.4	82.5	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 1800	62.0	79.7	82.4	83.2	83.5	83.7	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1500	62.1	80.9	83.6	84.4	84.7	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1200	62.2	81.7	84.7	85.5	85.8	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1000	62.2	82.8	85.9	86.8	87.1	87.4	87.4	87.6	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 900	62.5	83.1	86.2	87.1	87.4	87.6	87.6	87.9	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 800	62.8	84.0	87.2	88.2	88.4	88.8	88.8	89.1	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 700	62.8	84.3	87.5	88.6	89.0	89.5	89.5	89.9	90.2	90.3	90.3	90.5	90.6	90.6	90.6	90.6
≥ 600	62.8	84.3	87.6	88.8	89.9	90.5	90.5	90.9	91.1	91.4	91.7	91.8	91.9	91.9	91.9	91.9
≥ 500	62.8	84.4	87.8	89.1	90.7	91.8	92.2	93.0	93.4	93.8	94.1	94.4	94.6	94.6	94.6	94.6
≥ 400	62.8	84.4	87.9	89.5	91.4	93.1	93.7	94.6	95.2	96.0	96.4	96.6	96.9	96.9	96.9	96.9
≥ 300	62.8	84.4	88.2	89.9	91.8	93.7	94.2	95.3	95.8	96.9	97.7	98.0	98.3	98.3	98.3	98.3
≥ 200	62.8	84.4	88.2	90.1	91.9	94.0	94.8	96.0	96.5	98.0	98.8	99.1	99.3	99.3	99.3	99.3
≥ 100	62.8	84.4	88.2	90.1	91.9	94.0	94.8	96.0	96.5	98.0	98.8	99.1	99.3	99.3	99.3	99.3
≥ 0	62.8	84.4	88.2	90.1	91.9	94.0	94.8	96.0	96.5	98.0	98.8	99.1	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
 STATION

ATLANTIC CITY NJ
 STATION NAME

74-81
 YEARS

MAR
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	39.2	43.7	43.7	43.7	43.7	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
≥ 20000	46.8	54.2	54.2	54.2	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 18000	46.8	54.2	54.2	54.2	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 16000	46.8	54.2	54.2	54.2	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 14000	47.4	55.4	55.4	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 12000	48.5	57.4	57.4	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 10000	49.1	58.7	58.7	58.7	58.7	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 9000	50.0	59.7	59.7	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 8000	51.9	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 7000	52.2	63.4	63.4	63.4	63.4	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 6000	52.3	63.7	63.7	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 5000	54.2	66.1	66.1	66.1	66.1	66.1	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 4500	57.1	69.2	69.2	69.2	69.2	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 4000	59.1	72.4	72.8	72.8	72.8	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 3500	60.9	75.0	75.4	75.4	75.4	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 3000	62.2	76.6	77.3	77.7	77.7	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 2500	63.4	79.2	79.8	80.2	80.4	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 2000	64.2	81.0	82.0	82.5	82.9	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1800	64.2	82.3	83.2	83.7	84.1	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 1500	64.2	82.8	83.7	84.3	84.8	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 1200	64.5	83.5	84.5	85.2	85.9	86.4	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 1000	64.5	84.7	86.2	87.0	87.6	88.4	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 900	64.5	84.8	86.3	87.1	88.0	88.8	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 800	64.5	84.9	86.6	87.4	88.3	89.1	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 700	64.5	85.3	87.4	88.2	89.1	90.2	90.7	91.0	91.0	91.0	91.0	91.0	91.1	91.3	91.3	91.3
≥ 600	64.5	85.3	87.5	88.4	90.1	91.3	91.8	92.6	92.6	92.6	92.6	92.6	92.7	92.9	92.9	92.9
≥ 500	64.5	85.5	87.6	88.8	91.0	92.7	93.4	94.8	94.8	94.9	94.9	95.0	95.2	95.2	95.2	95.2
≥ 400	64.5	85.6	87.6	89.0	91.4	93.3	94.5	96.2	96.5	96.9	97.0	97.2	97.3	97.3	97.4	97.4
≥ 300	64.5	85.6	87.6	89.2	91.9	94.0	95.2	96.9	97.2	97.8	98.0	98.1	98.3	98.4	98.7	98.7
≥ 200	64.5	85.6	87.6	89.2	91.9	94.1	95.6	97.3	97.6	98.4	98.7	98.9	99.5	99.6	99.9	99.9
≥ 100	64.5	85.6	87.8	89.2	91.9	94.1	95.6	97.3	97.6	98.4	98.7	98.9	99.5	99.6	99.9	100.0
≥ 0	64.5	85.6	87.8	89.2	91.9	94.1	95.6	97.3	97.6	98.4	98.7	98.9	99.5	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 74

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

74-81

MAP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	36.9	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 20000	47.3	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
IN 18000	47.3	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
IN 16000	47.3	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
IN 14000	47.7	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
IN 12000	49.1	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
IN 10000	50.8	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
IN 9000	51.7	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
IN 8000	53.6	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
IN 7000	53.9	64.7	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IN 6000	54.2	65.1	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
IN 5000	55.9	67.1	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
IN 4500	57.9	70.0	70.6	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
IN 4000	60.3	73.3	73.9	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IN 3500	63.6	77.0	77.8	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IN 3000	64.7	79.2	80.0	80.2	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IN 2500	65.3	80.5	81.3	81.6	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IN 2000	65.9	82.1	82.9	83.2	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
IN 1800	66.0	82.4	83.2	83.5	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IN 1500	66.1	83.2	84.1	84.4	84.5	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IN 1200	66.1	83.9	84.9	85.2	85.5	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IN 1000	66.3	84.5	85.6	85.9	86.2	86.2	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IN 900	66.3	84.5	85.6	85.9	86.4	86.7	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IN 800	66.3	85.1	86.3	86.7	87.4	87.6	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IN 700	66.3	85.1	86.3	87.0	87.9	88.4	89.2	89.8	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IN 600	66.3	85.2	86.4	87.2	88.6	89.5	90.5	91.1	91.3	91.4	91.5	91.5	91.5	91.7	91.7	91.7
IN 500	66.3	85.2	86.8	88.0	90.1	91.5	93.0	94.2	94.4	94.9	95.3	95.3	95.3	95.4	95.4	95.4
IN 400	66.3	85.2	87.2	88.6	90.9	92.3	94.0	95.6	96.0	96.5	97.0	97.0	97.0	97.2	97.2	97.2
IN 300	66.3	85.2	87.2	88.7	91.0	92.6	94.5	96.1	96.5	97.3	98.0	98.0	98.0	98.1	98.3	98.3
IN 200	66.3	85.2	87.2	88.7	91.0	92.6	94.6	96.2	96.8	97.6	98.4	98.4	98.4	98.9	99.1	99.1
IN 100	66.3	85.2	87.2	88.7	91.0	92.6	94.6	96.2	96.8	97.6	98.4	98.4	98.4	99.2	99.5	99.9
IN 0	66.3	85.2	87.2	88.7	91.0	92.6	94.6	96.2	96.8	97.6	98.4	98.4	98.4	99.2	99.5	99.9

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
 STATION

ATLANTIC CITY NJ
 STATION NAME

74-81
 YEARS

MAR
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-2000
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	42.1	46.4	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 20000	48.9	55.4	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
IV 18000	48.9	55.4	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
IV 16000	48.9	55.4	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
IV 14000	48.9	55.4	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
IV 12000	50.9	58.9	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
IV 10000	53.8	62.8	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
IV 9000	54.2	63.8	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
IV 8000	55.4	65.6	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
IV 7000	56.3	66.8	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
IV 6000	57.0	67.6	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
IV 5000	57.9	69.1	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
IV 4500	59.9	71.9	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
IV 4000	61.2	74.1	75.9	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
IV 3500	62.9	75.7	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IV 3000	64.0	78.1	80.1	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 2500	65.3	79.8	82.0	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 2000	65.9	81.7	83.9	84.8	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV 1800	66.1	82.3	84.4	85.3	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 1500	66.3	82.7	84.8	85.9	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 1200	66.3	82.8	84.9	86.2	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 1000	66.3	83.2	85.5	86.7	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 900	66.3	83.5	85.8	87.1	87.5	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 800	66.3	83.7	86.2	87.5	88.0	88.3	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 700	66.3	83.9	86.6	87.9	88.8	89.1	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 600	66.3	83.9	86.6	88.0	89.5	90.1	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 500	66.3	84.0	86.7	88.3	90.3	91.4	92.1	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 400	66.3	84.1	86.8	88.6	90.7	91.9	92.9	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 300	66.3	84.1	87.0	89.0	91.8	93.3	94.2	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 200	66.3	84.1	87.0	89.0	91.9	93.4	94.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 100	66.3	84.1	87.0	89.0	91.9	93.4	94.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 0	66.3	84.1	87.0	89.0	91.9	93.4	94.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
 STATION

ATLANTIC CITY NJ
 STATION NAME

74-81
 YEARS

MAR
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	46.9	52.0	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.4
≥ 20000	52.7	57.9	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.8
IV 18000	52.7	57.9	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.8
IV 6000	52.7	57.9	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.8
IV 14000	52.7	58.9	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.8	
IV 2000	54.6	60.9	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.8	
IV 10000	57.4	64.1	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.0	
IV 9000	57.5	64.4	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.3	
IV 8000	59.3	67.1	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	69.0	
IV 7000	60.1	68.8	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.7	
IV 6000	60.8	69.6	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.5	
IV 5000	62.4	71.6	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.7	
IV 4500	63.7	73.5	75.1	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.7	
IV 4000	64.2	74.5	76.2	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.9	
IV 3500	65.9	76.5	79.2	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.9	
IV 3000	66.7	79.0	80.9	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.7	
IV 2500	67.9	81.3	83.2	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.1	
IV 2000	68.3	82.4	84.3	84.9	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.5	
IV 1800	68.4	82.5	84.4	85.1	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.6	
IV 1500	69.0	83.1	84.9	85.6	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.4	
IV 1200	69.2	83.3	85.3	86.0	86.6	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	87.0	
IV 1000	69.8	84.8	86.8	87.5	88.0	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.6	
IV 900	69.9	85.1	87.1	87.8	88.4	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	89.0	
IV 800	69.9	85.1	87.1	87.8	88.4	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	89.0	
IV 700	70.0	85.8	88.0	89.2	90.1	90.6	90.6	90.7	90.7	90.9	90.9	90.9	90.9	90.9	91.0	
IV 600	70.0	85.8	88.3	89.9	91.4	91.9	92.5	93.0	93.1	93.3	93.3	93.3	93.3	93.3	93.4	
IV 500	70.0	85.9	88.4	90.5	92.1	92.7	93.4	94.0	94.2	94.5	94.5	94.5	94.5	94.5	94.6	
IV 400	70.0	86.3	89.0	91.4	93.0	93.7	94.5	95.0	95.3	96.0	96.1	96.1	96.1	96.1	96.2	
IV 300	70.0	86.3	89.0	91.8	93.5	94.2	95.3	96.1	96.4	97.3	97.7	97.7	97.7	97.7	98.0	
IV 200	70.0	86.3	89.0	91.8	93.5	94.2	95.4	96.6	96.9	98.0	98.4	98.4	98.5	98.5	98.8	
IV 100	70.0	86.3	89.0	91.8	93.5	94.2	95.4	96.8	97.0	98.5	99.1	99.1	99.3	99.3	99.9	
IV 0	70.0	86.3	89.0	91.8	93.5	94.2	95.4	96.8	97.0	98.5	99.1	99.1	99.3	99.3	100.0	

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
STATION

ATLANTIC CITY NJ
STATION NAME

74-81
YEARS

VAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0	
NO CEILING	41.7	46.7	47.3	47.4	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.6	47.7	47.8
IV 20000	48.3	54.8	55.5	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.8	55.8	55.8	55.9	55.9	56.1
IV 18000	48.4	54.9	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.9	55.9	55.9	55.9	56.0	56.2
IV 16000	48.4	55.0	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.0	56.0	56.0	56.0	56.1	56.3
IV 14000	48.8	55.6	56.3	56.5	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.7	56.8	56.9
IV 12000	50.7	58.0	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.2	59.4
IV 10000	53.0	61.1	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.2	62.2	62.3	62.5
IV 9500	53.7	62.0	62.9	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.2	63.2	63.3	63.4
IV 8000	55.4	64.7	65.7	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.1	66.1	66.2	66.3
IV 7000	56.6	66.3	67.3	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.8	68.0
IV 6000	57.0	67.1	68.1	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.5	68.5	68.6	68.8
IV 5000	58.8	69.5	70.6	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.1	71.3
IV 4500	60.7	72.2	73.4	73.7	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.1	74.2
IV 4000	61.9	74.0	75.3	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.9	75.9	76.0	76.2
IV 3500	63.4	75.9	77.3	77.7	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.0	78.0	78.1	78.2
IV 3000	64.8	78.3	79.7	80.3	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.7	80.9
IV 2500	65.8	80.0	81.5	82.1	82.3	82.4	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.6	82.6	82.7	82.9
IV 2000	66.3	81.4	83.0	83.7	84.0	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.4	84.6
IV 1800	66.4	81.8	83.5	84.3	84.5	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.9	84.9	85.0	85.2
IV 1500	66.7	82.6	84.4	85.2	85.5	85.7	85.8	85.8	85.8	85.8	85.8	85.9	85.9	86.0	86.0	86.1	86.2
IV 1200	66.9	83.1	85.0	85.8	86.2	86.4	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.7	86.7	86.8	87.0
IV 1000	67.0	84.1	86.1	87.1	87.5	87.7	87.9	88.0	88.0	88.1	88.1	88.1	88.2	88.2	88.2	88.3	88.5
IV 900	67.1	84.4	86.4	87.4	88.0	88.2	88.5	88.6	88.6	88.6	88.6	88.7	88.7	88.8	88.8	88.9	89.1
IV 800	67.3	84.8	86.8	87.9	88.5	88.8	89.1	89.2	89.2	89.3	89.3	89.3	89.3	89.4	89.4	89.5	89.7
IV 700	67.3	85.1	87.3	88.6	89.3	89.7	90.0	90.3	90.3	90.4	90.4	90.5	90.5	90.6	90.6	90.7	90.9
IV 600	67.4	85.4	87.7	89.1	90.4	90.9	91.4	91.8	91.9	92.0	92.1	92.1	92.1	92.3	92.3	92.4	92.6
IV 500	67.5	85.6	88.0	89.7	91.2	92.1	92.8	93.4	93.5	93.8	93.9	94.0	94.2	94.2	94.2	94.3	94.5
IV 400	67.5	85.7	88.2	90.1	91.9	93.0	93.8	94.7	94.9	95.4	95.6	95.6	95.8	95.9	96.0	96.1	96.3
IV 300	67.5	85.8	88.4	90.5	92.5	93.7	94.7	95.7	96.0	96.8	97.1	97.2	97.4	97.4	97.4	97.6	97.7
IV 200	67.5	85.8	88.4	90.6	92.7	93.9	95.0	96.2	96.5	97.5	98.0	98.1	98.5	98.6	98.6	98.8	99.0
IV 100	67.5	85.8	88.4	90.6	92.7	93.9	95.0	96.3	96.5	97.7	98.2	98.3	98.9	99.0	99.0	99.5	99.8
IV 0	67.5	85.8	88.4	90.6	92.7	93.9	95.0	96.3	96.5	97.7	98.2	98.3	98.9	99.0	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 5952

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

74-81

APC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0	
NO CEILING	51.1	56.8	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.6	57.6
≥ 20000	54.0	60.4	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	61.3	61.3
≥ 18000	54.0	60.4	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	61.3	61.3
≥ 16000	54.0	60.4	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	61.3	61.3
≥ 14000	54.2	60.6	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.4	61.4
≥ 12000	55.0	61.4	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.2	62.2
≥ 10000	56.3	63.3	64.0	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.3	64.3
≥ 9000	57.4	64.4	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.4	65.4
≥ 8000	59.9	67.8	68.6	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9	68.9
≥ 7000	60.7	69.2	70.0	70.0	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.6	70.6
≥ 6000	61.5	70.1	71.0	71.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.5	71.5
≥ 5000	64.7	74.4	75.6	75.7	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.3	76.3
≥ 4500	66.4	77.1	78.2	78.3	79.0	79.0	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.3	79.3
≥ 4000	67.2	78.3	79.4	79.6	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.6	80.6
≥ 3500	67.5	79.4	80.6	80.8	81.5	81.5	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.9	81.9
≥ 3000	68.5	80.7	82.4	82.6	83.3	83.3	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.8	83.8
≥ 2500	69.3	81.9	83.6	84.0	84.7	84.7	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.3	85.3
≥ 2000	69.9	82.6	84.3	84.7	85.4	85.4	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	86.0	86.0
≥ 1800	70.3	83.2	84.9	85.3	86.0	86.0	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.5	86.5
≥ 1500	70.6	83.9	85.6	86.0	86.7	86.7	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.2
≥ 1200	70.7	84.9	86.7	87.1	87.8	87.8	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3
≥ 1000	71.1	85.4	87.2	87.8	88.5	88.5	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.0	89.0
≥ 900	71.3	85.8	87.8	88.5	89.2	89.2	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.9	89.9
≥ 800	71.3	85.8	88.1	88.8	89.4	89.4	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.3	90.3
≥ 700	71.4	86.0	88.2	88.9	89.6	89.6	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.4	90.4
≥ 600	71.5	86.1	88.5	89.2	89.9	89.9	90.1	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.8	90.8
≥ 500	71.5	86.5	89.2	90.3	91.1	91.1	91.4	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	92.2	92.2
≥ 400	71.5	86.7	89.3	90.8	91.7	91.7	92.1	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	93.1	93.1
≥ 300	72.1	87.4	90.0	91.5	92.6	92.6	93.3	93.6	93.6	93.9	93.9	93.9	93.9	94.0	94.0	94.3	94.3
≥ 200	72.1	87.4	90.0	91.7	93.3	93.5	94.7	95.4	95.4	95.8	96.0	96.0	96.0	96.1	96.1	96.5	96.7
≥ 100	72.1	87.4	90.0	91.7	93.3	93.6	94.9	95.7	95.7	96.1	96.3	96.3	96.3	96.8	96.8	97.4	97.8
≥ 0	72.1	87.4	90.0	91.7	93.3	93.6	94.9	95.7	95.7	96.1	96.3	96.3	96.3	96.8	96.8	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93738
 STATION

ATLANTIC CITY NJ
 STATION NAME

74-81
 YEARS

APR
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	51.1	56.8	58.2	58.6	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 20000	54.2	60.1	61.5	61.9	62.2	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.6
≥ 18000	54.2	60.1	61.5	61.9	62.2	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.6
≥ 16000	54.2	60.1	61.5	61.9	62.2	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.6
≥ 14000	54.2	60.1	61.5	61.9	62.2	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.6
≥ 12000	54.4	60.6	61.9	62.4	62.6	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	63.1
≥ 10000	55.0	61.9	63.3	63.8	64.0	64.0	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.6
≥ 9000	55.0	61.9	63.3	63.8	64.0	64.0	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.6
≥ 8000	57.6	65.4	67.1	67.5	67.9	67.9	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.5
≥ 7000	58.1	66.5	68.2	68.6	69.0	69.0	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.6
≥ 6000	59.0	67.5	69.2	69.6	70.0	70.0	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.6
≥ 5000	62.5	72.4	74.2	74.7	75.1	75.1	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	76.0
≥ 4500	65.1	75.3	77.1	77.6	78.2	78.2	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.9
≥ 4000	66.0	76.5	78.3	78.8	79.4	79.4	79.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.1
≥ 3500	66.4	77.6	79.4	80.1	80.7	80.7	80.8	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.5
≥ 3000	68.2	79.6	81.8	82.5	83.3	83.3	83.6	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.3
≥ 2500	69.0	80.6	83.1	83.8	84.6	84.6	84.9	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.6
≥ 2000	69.4	81.4	83.8	84.4	85.3	85.3	85.6	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.3
≥ 1800	69.6	81.7	84.0	84.7	85.6	85.6	85.8	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.5
≥ 1500	69.7	82.5	84.9	85.7	86.5	86.5	86.8	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.5
≥ 1200	69.7	82.6	85.0	86.0	86.8	86.8	87.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.8
≥ 1000	70.1	83.5	85.8	86.8	87.6	87.6	87.9	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.6
≥ 900	70.1	83.5	85.8	86.9	87.8	87.8	88.1	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.8
≥ 800	70.1	83.5	86.0	87.1	87.9	87.9	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.9
≥ 700	70.4	83.8	86.5	87.6	88.6	88.6	88.9	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.6
≥ 600	70.4	84.2	86.9	88.6	89.6	89.6	89.9	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.6
≥ 500	70.6	84.4	87.5	89.2	90.3	90.3	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.3
≥ 400	70.7	84.9	87.9	89.6	91.0	91.0	91.3	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	92.1
≥ 300	71.0	85.4	88.6	90.6	92.9	92.9	94.0	94.4	94.4	94.4	95.1	95.1	95.1	95.1	95.1	95.4
≥ 200	71.0	85.7	88.9	91.1	93.6	93.6	94.9	95.3	95.3	95.3	96.1	96.1	96.1	96.4	96.4	96.7
≥ 100	71.0	85.7	88.9	91.1	93.6	93.6	94.9	95.4	95.4	95.4	96.3	96.3	96.3	96.5	96.5	97.5
≥ 0	71.0	85.7	88.9	91.1	93.6	93.6	94.9	95.4	95.4	95.4	96.3	96.3	96.3	96.5	96.5	97.9

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733
 STATION

ATLANTIC CITY NJ
 STATION NAME

74-81
 YEARS

APR
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

J600-0800
 HOURS (L.G.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	44.4	53.8	54.9	55.8	56.2	56.3	56.5	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7
IV ≥ 18000	48.4	59.7	60.9	61.9	62.6	62.7	62.9	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.3
IV 16000	48.7	59.9	61.2	62.2	62.9	63.0	63.1	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.6
IV 14000	48.8	60.4	61.6	62.6	63.3	63.4	63.6	63.7	63.7	63.8	63.8	63.8	63.8	63.8	64.0	64.0
IV 12000	50.1	61.9	63.1	64.1	64.8	65.0	65.1	65.2	65.2	65.4	65.4	65.4	65.4	65.4	65.5	65.5
IV 10000	50.9	63.4	64.8	65.8	66.6	66.8	66.9	67.0	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.3
IV 9000	51.3	63.8	65.4	66.5	67.3	67.5	67.6	67.7	67.7	67.9	67.9	67.9	67.9	67.9	68.0	68.0
IV 8000	53.3	67.5	69.0	70.2	71.1	71.2	71.3	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.9	71.9
IV 7000	54.5	68.6	70.1	71.3	72.2	72.3	72.5	72.6	72.6	72.7	72.7	72.7	72.7	72.7	73.0	73.0
IV 6000	54.9	69.4	71.1	72.3	73.2	73.3	73.4	73.6	73.6	73.7	73.7	73.7	73.7	73.7	74.0	74.0
IV 5000	56.6	73.0	74.7	76.1	76.9	77.1	77.2	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.7	77.7
IV 4500	58.6	75.5	77.5	79.0	79.8	80.0	80.1	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.7	80.7
IV 4000	59.4	77.2	79.1	81.1	82.2	82.3	82.5	82.6	82.6	82.8	82.8	82.8	82.8	82.8	83.0	83.0
IV 3500	60.1	78.3	80.3	82.3	83.4	83.7	83.9	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.4	84.4
IV 3000	60.8	79.0	80.9	83.0	84.1	84.4	84.6	84.7	84.7	85.0	85.0	85.0	85.0	85.0	85.3	85.3
IV 2500	61.5	80.1	82.2	84.4	85.5	85.8	86.0	86.1	86.1	86.4	86.4	86.4	86.4	86.4	86.6	86.6
IV 2000	61.6	80.5	82.8	85.1	86.2	86.6	86.8	86.9	86.9	87.3	87.3	87.3	87.3	87.3	87.6	87.6
IV 1800	61.6	80.8	83.0	85.4	86.5	86.9	87.1	87.2	87.2	87.6	87.6	87.6	87.6	87.6	87.9	87.9
IV 1500	61.6	80.8	83.0	85.4	86.5	86.9	87.1	87.3	87.3	87.8	87.8	87.8	87.8	87.8	88.0	88.0
IV 1200	61.6	80.8	83.0	85.5	86.6	87.1	87.2	87.5	87.5	87.9	87.9	87.9	87.9	87.9	88.2	88.2
IV 1000	61.6	80.8	83.2	86.0	87.2	87.6	87.8	88.0	88.0	88.5	88.5	88.5	88.5	88.5	88.7	88.7
IV 900	61.6	80.8	83.2	86.0	87.2	87.6	87.8	88.0	88.0	88.5	88.5	88.5	88.5	88.5	88.7	88.7
IV 800	61.6	80.8	83.2	86.0	87.2	87.6	87.8	88.0	88.0	88.5	88.5	88.5	88.5	88.5	88.7	88.7
IV 700	61.6	81.2	83.6	86.5	88.0	88.5	88.6	88.9	88.9	89.3	89.3	89.3	89.3	89.4	89.4	89.7
IV 600	61.6	81.2	83.6	86.6	88.6	89.0	89.2	89.4	89.4	89.8	89.8	89.8	89.8	90.0	90.0	90.3
IV 500	61.6	81.6	84.1	87.8	90.0	90.4	91.1	91.5	91.5	92.1	92.1	92.1	92.1	92.2	92.5	92.5
IV 400	61.6	81.8	84.3	88.2	90.8	91.4	92.6	93.0	93.0	93.6	93.6	93.6	93.6	93.7	94.0	94.0
IV 300	61.6	81.8	84.3	88.2	91.0	91.7	92.9	93.9	93.9	94.4	94.4	94.4	94.4	94.6	94.6	94.9
IV 200	61.6	81.8	84.6	88.5	91.4	92.1	93.5	94.6	94.6	95.5	96.0	96.0	96.2	96.2	96.7	96.9
IV 100	61.6	81.8	84.6	88.5	91.4	92.1	93.7	95.0	95.0	96.1	96.7	96.7	97.1	97.1	98.6	99.7
IV 0	61.6	81.8	84.6	88.5	91.4	92.1	93.7	95.0	95.0	96.1	96.7	96.7	97.1	97.1	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 719

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
 STATION

ATLANTIC CITY NJ
 STATION NAME

74-81
 YEARS

APR
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	43.1	48.7	49.1	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
≥ 20000	49.9	57.9	58.7	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
IV ≥ 18000	49.9	57.9	58.7	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
IV ≥ 16000	49.9	57.9	58.7	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
IV ≥ 14000	50.1	58.0	58.8	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
IV ≥ 12000	51.7	60.1	60.9	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
IV ≥ 10000	53.3	62.2	63.0	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
IV ≥ 9000	54.4	63.4	64.3	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IV ≥ 8000	57.4	67.7	68.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
IV ≥ 7000	59.2	69.7	70.7	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV ≥ 6000	59.4	70.0	70.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
IV ≥ 5000	61.1	72.3	73.4	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV ≥ 4500	62.2	74.1	75.5	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV ≥ 4000	65.4	77.6	79.0	80.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV ≥ 3500	67.3	80.0	81.5	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV ≥ 3000	68.8	81.8	83.3	85.0	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV ≥ 2500	69.3	83.0	84.7	86.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV ≥ 2000	69.4	83.4	85.1	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV ≥ 1800	69.7	83.9	85.5	87.3	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV ≥ 1500	70.1	85.1	86.8	88.6	89.2	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV ≥ 1200	70.4	85.5	87.3	89.2	89.7	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV ≥ 1000	70.7	86.0	88.0	90.0	90.5	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV ≥ 900	70.7	86.5	88.6	90.7	91.2	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV ≥ 800	70.8	86.8	88.9	91.1	91.7	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV ≥ 700	70.8	86.9	89.2	91.5	92.1	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV ≥ 600	70.8	87.2	89.6	92.1	92.6	93.2	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV ≥ 500	70.8	87.5	90.3	93.0	93.6	94.4	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV ≥ 400	70.8	87.6	90.5	93.6	94.3	95.7	96.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV ≥ 300	70.8	87.6	90.5	93.7	94.9	96.4	97.5	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV ≥ 200	70.8	87.6	90.5	93.7	94.9	96.5	97.9	98.7	98.9	99.0	99.3	99.3	99.3	99.3	99.4	99.4
IV ≥ 100	70.8	87.6	90.5	93.7	94.9	96.5	97.9	98.9	99.0	99.2	99.4	99.4	99.4	99.6	99.6	99.9
IV ≥ 0	70.9	87.8	90.7	93.9	95.0	96.7	98.1	99.0	99.2	99.3	99.6	99.6	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 719

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
 STATION

ATLANTIC CITY NJ
 STATION NAME

74-81
 YEARS

APR
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	44.7	47.9	48.9	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
IV 20000	49.9	55.8	57.2	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
IV 18000	49.9	56.0	57.4	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
IV 16000	49.9	56.0	57.4	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
IV 14000	49.9	56.0	57.4	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
IV 12000	50.3	57.0	58.5	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
IV 10000	52.1	59.3	60.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
IV 9000	52.9	59.7	61.3	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
IV 8000	54.5	62.4	64.1	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
IV 7000	55.3	63.9	65.7	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
IV 6000	55.4	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	67.0
IV 5000	57.4	66.7	68.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
IV 4500	60.1	70.9	73.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IV 4000	65.0	76.7	79.8	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IV 3500	68.5	80.4	82.5	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 3000	69.1	81.9	84.0	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV 2500	70.2	84.3	86.5	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 2000	70.9	85.5	87.7	89.4	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 1800	71.2	85.8	88.0	90.0	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 1500	71.2	85.8	88.0	90.0	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 1200	71.4	86.4	88.6	90.5	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 1000	71.9	87.6	90.0	91.9	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 900	71.9	87.9	90.7	92.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 800	71.9	87.9	90.8	92.9	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 700	71.9	88.2	91.1	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
IV 600	71.9	88.3	91.2	93.6	93.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 500	71.9	88.4	91.5	94.2	94.4	95.5	95.8	96.2	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4
IV 400	71.9	88.6	91.6	94.4	94.8	96.1	96.7	97.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8
IV 300	71.9	88.6	91.6	94.6	95.1	96.5	97.5	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7
IV 200	71.9	88.6	91.6	94.6	95.3	96.8	98.1	99.0	99.0	99.3	99.6	99.6	99.6	99.6	99.6	99.6
IV 100	71.9	88.6	91.6	94.6	95.3	96.8	98.1	99.0	99.0	99.3	99.6	99.6	99.9	99.9	100.0	100.0
IV 0	71.9	88.6	91.6	94.6	95.3	96.8	98.1	99.0	99.0	99.3	99.6	99.6	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 718

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
 STATION

ATLANTIC CITY NJ
 STATION NAME

74-81
 YEARS

APP
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING ≥ 20000	42.4	47.1	47.8	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
IV 18000 16000	50.8	56.8	57.5	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
IV 14000 12000	51.0	57.1	57.8	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
IV 10000 9000	51.3	58.5	59.3	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
IV 8000 7000	51.9	60.1	61.1	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
IV 6000 5000	52.6	60.8	61.8	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
IV 4500 4000	54.3	63.5	64.6	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IV 3500 3000	54.7	64.2	65.3	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
IV 2500 2000	54.9	64.3	65.4	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
IV 1800 1500	57.5	67.2	68.3	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
IV 1200 1000	61.5	72.5	73.6	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 900 800	65.3	76.9	78.5	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 700 600	66.4	79.0	80.7	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 500 400	67.8	80.8	82.8	83.3	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IV 300 200	68.5	82.4	84.4	85.0	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 100 0	68.5	82.9	85.0	85.7	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 100 0	68.8	83.3	85.4	86.3	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 100 0	69.0	84.2	86.5	87.5	87.9	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 100 0	69.0	84.6	86.9	88.3	88.9	89.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 100 0	69.0	85.7	88.1	89.6	90.3	90.6	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 100 0	69.0	86.0	88.8	90.4	91.1	91.4	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 100 0	69.0	86.0	88.9	90.7	91.4	91.7	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 100 0	69.0	86.1	89.4	91.8	92.8	93.1	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 100 0	69.0	86.4	89.7	92.2	93.2	93.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 100 0	69.0	86.5	89.9	92.4	93.8	94.3	95.8	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 100 0	69.0	86.5	90.0	92.6	94.0	95.0	96.7	97.2	97.2	97.6	97.8	97.8	97.8	97.8	97.8	97.8
IV 100 0	69.0	86.5	90.0	92.9	94.3	95.4	97.2	98.1	98.1	98.6	98.8	98.8	98.8	98.8	98.8	98.8
IV 100 0	69.0	86.5	90.0	92.9	94.3	95.6	97.4	98.3	98.3	98.9	99.0	99.0	99.0	99.2	99.3	99.3
IV 100 0	69.0	86.5	90.0	92.9	94.3	95.6	97.4	98.3	98.3	98.9	99.0	99.0	99.4	99.6	99.9	100.0
IV 100 0	69.0	86.5	90.0	92.9	94.3	95.6	97.4	98.3	98.3	98.9	99.0	99.0	99.4	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
 STATION

ATLANTIC CITY NJ
 STATION NAME

74-81
 YEARS

APR
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	44.6	52.4	53.2	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 20000	52.8	62.5	63.5	64.0	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
IV 18000	52.8	62.5	63.5	64.0	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
IV 16000	52.8	62.5	63.5	64.0	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
IV 14000	52.9	62.6	63.6	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
IV 12000	53.9	64.2	65.4	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
IV 10000	54.7	66.4	67.6	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
IV 9500	55.0	67.1	68.3	69.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
IV 8000	56.0	68.5	69.9	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 7000	56.5	69.7	71.1	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
IV 6000	56.7	69.9	71.3	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 5000	58.9	72.5	73.9	74.7	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 4500	60.4	74.7	76.3	77.1	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
IV 4000	62.9	77.5	79.0	80.1	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 3500	64.2	79.6	81.1	82.2	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 3000	65.4	81.0	82.5	83.6	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 2500	66.1	82.8	84.3	85.4	85.7	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 2000	66.3	83.2	84.7	85.8	86.1	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 1800	66.5	83.6	85.1	86.4	86.7	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 1500	66.9	84.2	85.8	87.2	87.5	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 1200	67.1	84.7	86.5	88.1	88.5	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 1000	67.2	85.3	87.2	89.0	89.4	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 900	67.2	85.4	87.8	89.6	90.0	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 800	67.2	85.7	88.1	89.9	90.3	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 700	67.6	86.5	88.9	90.8	91.3	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
IV 600	67.6	86.8	89.4	91.4	92.1	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 500	67.6	86.9	89.9	92.1	93.1	93.8	94.6	94.7	94.7	94.7	94.7	94.9	94.9	94.9	94.9	94.9
IV 400	67.6	86.9	89.9	92.2	93.3	94.7	96.1	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4
IV 300	67.6	86.9	89.9	92.4	93.5	94.9	96.8	96.9	96.9	96.9	97.4	97.5	97.5	97.5	97.5	97.5
IV 200	67.6	86.9	89.9	92.4	93.5	95.0	96.9	97.2	97.2	97.9	98.1	98.1	98.2	98.2	98.5	98.5
IV 100	67.6	86.9	89.9	92.4	93.5	95.0	96.9	97.2	97.2	97.9	98.2	98.2	98.5	98.5	98.8	99.7
IV 0	67.6	86.9	89.9	92.4	93.5	95.0	96.9	97.2	97.2	97.9	98.2	98.2	98.5	98.5	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
STATION

ATLANTIC CITY NJ
STATION NAME

74-81
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	≥¼	≥0
NO CEILING	49.8	56.2	57.0	57.0	57.4	57.4	57.4	57.4	57.4	57.4	57.6	57.6	57.6	57.6	57.6	57.7
≥ 20000	53.1	60.9	61.9	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.6
IV 18000	53.1	60.9	61.9	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.6
IV 16000	53.1	60.9	61.9	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.6
IV 14000	53.3	61.1	62.0	62.0	62.4	62.4	62.4	62.4	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.7
IV 12000	54.2	62.0	63.0	63.1	63.6	63.6	63.6	63.6	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.8
IV 10000	56.3	65.8	67.0	67.3	67.9	67.9	67.9	67.9	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.2
IV 9000	58.3	67.9	69.1	69.4	70.0	70.0	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.2
IV 8000	59.7	70.2	71.5	71.9	72.5	72.5	72.5	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.7
IV 7000	60.5	71.5	72.7	73.2	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.1
IV 6000	60.6	71.8	73.0	73.4	74.1	74.1	74.1	74.1	74.1	74.1	74.3	74.3	74.3	74.3	74.3	74.4
IV 5000	62.7	74.5	76.4	76.8	77.5	77.5	77.5	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.7
IV 4500	63.7	75.5	77.3	77.7	78.4	78.4	78.4	78.4	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.7
IV 4000	65.8	77.9	79.8	80.3	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.4
IV 3500	66.3	79.0	81.1	81.6	82.6	82.6	82.6	82.6	82.6	82.6	82.8	82.8	82.8	82.8	82.8	82.9
IV 3000	68.0	81.1	83.4	84.0	85.0	85.0	85.0	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.3
IV 2500	68.7	82.2	84.7	85.3	86.2	86.2	86.2	86.2	86.2	86.2	86.6	86.6	86.6	86.6	86.6	86.9
IV 2000	69.0	82.5	85.0	85.5	86.5	86.5	86.5	86.5	86.5	86.5	86.9	86.9	86.9	86.9	86.9	87.2
IV 1800	69.0	83.0	85.5	86.4	87.5	87.5	87.5	87.5	87.5	87.5	88.0	88.0	88.0	88.0	88.0	88.2
IV 1500	69.1	83.6	86.1	86.9	88.0	88.0	88.0	88.0	88.0	88.0	88.5	88.5	88.5	88.5	88.5	88.7
IV 1200	69.4	84.4	87.1	88.2	89.3	89.3	89.3	89.3	89.3	89.3	89.7	89.7	89.7	89.7	89.7	90.0
IV 1000	69.5	84.7	87.5	88.6	89.7	89.7	89.7	89.7	89.7	89.7	90.1	90.1	90.1	90.1	90.1	90.4
IV 900	69.5	84.8	87.6	88.7	89.8	89.8	89.8	89.8	89.8	89.8	90.3	90.3	90.3	90.3	90.3	90.5
IV 800	69.5	85.0	88.0	89.3	90.4	90.4	90.4	90.4	90.4	90.4	90.8	90.8	90.8	90.8	90.8	91.1
IV 700	69.7	85.3	88.3	89.6	90.7	90.7	90.7	90.7	90.7	90.7	91.2	91.2	91.2	91.2	91.2	91.5
IV 600	69.7	85.7	88.7	90.3	91.4	91.4	91.4	91.4	91.4	91.4	92.2	92.2	92.2	92.2	92.2	92.5
IV 500	69.7	86.0	89.4	91.0	92.1	92.1	92.1	92.1	92.1	92.1	93.0	93.0	93.0	93.0	93.0	93.5
IV 400	69.7	86.2	89.7	91.6	93.3	93.3	93.3	93.3	93.3	93.3	94.6	94.6	94.6	94.6	94.6	95.5
IV 300	69.7	86.2	89.8	92.1	93.7	93.7	93.7	93.7	93.7	93.7	95.4	95.4	95.4	95.4	95.4	96.5
IV 200	69.7	86.2	89.8	92.1	93.7	93.7	93.7	93.7	93.7	93.7	96.1	96.1	96.1	96.1	96.1	97.9
IV 100	69.7	86.2	89.8	92.1	93.7	93.7	93.7	93.7	93.7	93.7	96.5	96.5	96.5	96.5	96.5	99.3
IV 0	69.7	86.2	89.8	92.1	93.7	93.7	93.7	93.7	93.7	93.7	97.5	97.5	97.5	97.5	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 710

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

9373.1
STATION

ATLANTIC CITY NJ
STATION NAME

74-81
YEARS

APF
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0	
NO CEILING	46.3	52.5	53.3	53.7	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.1	54.1
≥ 20000	51.6	59.3	60.3	60.7	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.1	61.1
IN 18000	51.6	59.3	60.3	60.8	61.0	61.0	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.2	61.2
IN 6000	51.7	59.3	60.3	60.8	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.2	61.2
IN 14000	51.8	59.5	60.5	61.0	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.4
IN 12000	52.6	60.7	61.8	62.3	62.5	62.5	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.7	62.7
IN 10000	53.8	62.8	64.0	64.5	64.8	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.0	65.0
IN 9000	54.6	63.6	64.8	65.4	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.9	65.9
IN 8000	56.6	66.6	67.9	68.6	68.8	68.9	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.1
IN 7000	57.5	67.9	69.2	69.9	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.4	70.4
IN 6000	57.8	68.4	69.7	70.4	70.7	70.8	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	71.0	71.0
IN 5000	60.2	71.6	73.2	73.9	74.3	74.4	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.6
IN 4500	62.2	74.5	76.1	76.9	77.3	77.3	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.6	77.6
IN 4000	64.6	77.3	79.0	79.9	80.4	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.7	80.7	80.7
IN 3500	65.8	79.2	80.9	81.9	82.5	82.5	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.8
IN 3000	67.1	80.7	82.6	83.7	84.3	84.3	84.4	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.7	84.7
IN 2500	67.8	82.2	84.2	85.3	85.9	86.0	86.1	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.4	86.4
IN 2000	68.1	82.8	84.8	86.0	86.5	86.7	86.9	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.2
IN 1800	68.3	83.2	85.2	86.5	87.1	87.3	87.4	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.7	87.7
IN 1500	68.5	83.8	85.8	87.2	87.8	88.0	88.2	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.5	88.5	88.5
IN 1200	68.7	84.2	86.4	87.8	88.5	88.7	88.9	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.2	89.2
IN 1000	68.9	84.9	87.1	88.7	89.3	89.6	89.8	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.1
IN 900	68.9	85.1	87.5	89.2	89.9	90.1	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.6	90.6
IN 800	68.9	85.2	87.7	89.5	90.2	90.4	90.7	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	91.0	91.0
IN 700	69.1	85.5	88.1	90.0	90.8	91.1	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.6	91.7	91.7
IN 600	69.1	85.7	88.5	90.5	91.4	91.7	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.5	92.6	92.6
IN 500	69.1	86.0	89.0	91.2	92.3	92.8	93.4	93.7	93.7	93.8	93.9	93.9	93.9	93.9	94.0	94.0	94.0
IN 400	69.1	86.2	89.2	91.7	92.9	93.6	94.5	95.0	95.0	95.2	95.3	95.3	95.3	95.3	95.4	95.4	95.4
IN 300	69.2	86.3	89.3	92.0	93.5	94.3	95.6	96.2	96.2	96.6	96.6	96.6	96.6	96.7	96.7	96.8	96.8
IN 200	69.2	86.3	89.4	92.1	93.7	94.6	96.2	96.9	96.9	97.5	97.7	97.7	97.8	97.8	98.1	98.1	98.1
IN 100	69.2	86.3	89.4	92.1	93.7	94.7	96.2	97.0	97.0	97.7	97.9	97.9	98.2	98.3	98.8	98.8	99.4
IN 0	69.2	86.4	89.4	92.1	93.8	94.7	96.2	97.0	97.0	97.7	97.9	97.9	98.3	98.3	99.1	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 5755

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
 STATION

ATLANTIC CITY NJ
 STATION NAME

74-81
 YEARS

MAY
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-24
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING	36.8	47.8	48.9	49.7	49.7	49.9	50.0	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.7	50
≥ 20000	39.5	53.1	54.2	55.2	55.2	55.4	55.6	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.3	56
≥ 18000	39.5	53.1	54.2	55.2	55.2	55.4	55.6	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.3	56
≥ 16000	39.5	53.2	54.3	55.4	55.4	55.5	55.8	56.0	56.0	56.2	56.2	56.2	56.2	56.2	56.5	57
≥ 14000	39.5	53.5	54.6	55.6	55.6	55.8	56.2	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.9	57
≥ 12000	40.1	54.3	55.5	56.6	56.6	56.7	57.1	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.8	58
≥ 10000	41.1	55.8	57.0	58.1	58.1	58.2	58.6	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.4	59
≥ 9000	41.3	56.0	57.3	58.3	58.3	58.5	58.9	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.7	60
≥ 8000	44.0	59.3	60.5	61.6	61.6	61.7	62.1	62.5	62.5	62.6	62.6	62.6	62.6	62.6	63.0	63
≥ 7000	44.6	59.9	61.2	62.2	62.2	62.4	62.8	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.7	64
≥ 6000	45.3	60.8	62.0	63.0	63.0	63.2	63.6	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.5	65
≥ 5000	47.7	63.8	65.3	66.8	66.9	67.1	67.5	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.4	69
≥ 4500	49.2	65.3	66.9	68.5	69.1	69.4	69.8	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.8	71
≥ 4000	49.5	66.0	68.0	69.8	70.4	70.7	71.1	71.6	71.6	71.8	71.8	71.8	71.8	71.8	72.2	72
≥ 3500	50.3	66.8	68.8	70.6	71.2	71.5	71.9	72.4	72.4	72.6	72.6	72.6	72.6	72.6	73.0	73
≥ 3000	51.1	68.0	70.2	72.0	72.7	73.0	73.4	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.6	75
≥ 2500	52.3	69.6	71.9	73.9	74.7	75.0	75.4	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.6	77
≥ 2000	52.7	70.7	73.1	75.5	76.5	76.9	77.3	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.5	79
≥ 1800	53.1	71.1	73.5	75.9	76.9	77.3	77.7	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.9	79
≥ 1500	53.2	71.6	74.3	76.7	77.7	78.1	78.5	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.7	80
≥ 1200	53.2	72.6	75.7	78.5	79.7	80.1	80.5	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.7	82
≥ 1000	53.2	72.6	75.7	78.5	79.7	80.1	80.5	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.7	82
≥ 900	53.4	72.8	75.9	78.8	80.1	80.5	80.9	81.6	81.6	81.7	81.7	81.7	81.7	81.7	82.1	82
≥ 800	53.6	73.4	76.6	79.6	80.9	81.3	81.7	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.9	83
≥ 700	53.6	73.6	77.2	80.1	81.5	81.9	82.3	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.5	84
≥ 600	53.8	74.3	77.7	80.6	82.0	82.5	83.3	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.5	85
≥ 500	53.8	74.6	78.2	81.6	82.9	83.6	84.7	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.9	86
≥ 400	53.8	75.1	78.9	82.7	84.0	85.1	86.3	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.8	88
≥ 300	53.8	75.1	78.9	83.2	84.8	86.2	87.8	88.7	88.7	89.0	89.0	89.0	89.0	89.0	89.4	89
≥ 200	53.8	75.3	79.0	83.5	85.2	86.7	88.3	90.1	90.1	90.5	90.7	90.7	90.7	91.0	91.9	92
≥ 100	53.8	75.3	79.0	83.5	85.3	86.8	88.7	90.7	90.7	91.4	91.8	91.8	91.8	92.9	94.6	97
≥ 0	53.8	75.3	79.0	83.5	85.3	86.8	88.7	90.7	90.7	91.4	91.8	91.8	91.8	92.9	95.3	100

TOTAL NUMBER OF OBSERVATIONS _____]

AD-A113 180 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
ATLANTIC CITY, NEW JERSEY, REVISED UNIFORM SUMMARY OF SURFACE W--ETC(11)
NOV 81

UNCLASSIFIED USAFETAC/DS-81/102

SBI-AD-E850 134

NL

3

A large grid consisting of 10 columns and 10 rows of empty cells. The grid is mostly empty, with a few small dark spots or artifacts visible within the cells.



GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

74-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	33.2	45.0	46.6	48.3	49.0	49.7	49.9	50.1	50.1	50.3	50.9	50.9	51.7	51.7	52.0	52.4
≥ 20000	35.7	49.1	51.1	53.7	54.8	55.5	55.9	56.0	56.0	56.5	57.1	57.1	57.9	57.9	58.1	58.7
IV 18000	35.7	49.1	51.1	53.7	54.8	55.5	55.9	56.0	56.0	56.5	57.1	57.1	57.9	57.9	58.1	58.7
IV 16000	35.7	49.1	51.1	53.7	54.8	55.5	55.9	56.0	56.0	56.5	57.1	57.1	57.9	57.9	58.1	58.7
IV 14000	35.8	49.5	51.5	54.1	55.2	55.9	56.3	56.4	56.4	56.9	57.5	57.5	58.3	58.3	58.5	59.2
IV 12000	36.6	51.1	53.2	55.7	56.8	57.6	58.0	58.1	58.1	58.7	59.2	59.2	60.0	60.0	60.3	61.1
IV 10000	37.3	52.0	54.0	56.5	57.6	58.4	58.8	59.0	59.0	59.5	60.0	60.0	60.8	60.8	61.1	61.9
IV 9000	38.0	52.6	54.6	57.2	58.3	59.1	59.5	59.6	59.6	60.2	60.7	60.7	61.5	61.5	61.8	62.6
IV 8000	39.7	55.0	57.5	60.0	61.5	62.3	62.7	62.9	62.9	63.4	63.9	63.9	64.7	64.7	65.0	65.8
IV 7000	40.2	56.0	58.4	61.1	62.7	63.5	63.9	64.1	64.1	64.6	65.3	65.3	66.1	66.1	66.4	67.2
IV 6000	40.4	56.1	58.5	61.2	62.9	63.7	64.1	64.2	64.2	64.7	65.4	65.4	66.2	66.2	66.5	67.3
IV 5000	41.0	57.1	59.5	62.7	64.3	65.1	65.5	65.7	65.7	66.2	66.9	66.9	67.7	67.7	68.0	68.8
IV 4500	42.4	58.7	61.1	64.3	65.9	66.9	67.3	67.4	67.4	68.0	68.6	68.6	69.4	69.4	69.7	70.5
IV 4000	43.1	59.6	62.3	65.5	67.2	68.1	68.5	68.6	68.6	69.2	69.9	69.9	70.7	70.7	70.9	71.7
IV 3500	43.3	60.0	62.7	66.1	67.8	68.8	69.2	69.3	69.3	69.9	70.5	70.5	71.3	71.3	71.6	72.4
IV 3000	43.7	60.7	63.5	67.2	68.9	69.9	70.4	70.5	70.5	71.1	71.7	71.7	72.5	72.5	72.8	73.6
IV 2500	44.0	61.4	64.2	67.8	69.6	70.5	71.1	71.2	71.2	71.7	72.4	72.4	73.2	73.2	73.5	74.3
IV 2000	44.5	62.0	65.1	68.9	70.7	71.6	72.1	72.4	72.4	72.9	73.6	73.6	74.4	74.4	74.7	75.5
IV 1800	44.7	62.2	65.4	69.2	70.9	71.9	72.4	72.7	72.7	73.2	73.9	73.9	74.7	74.7	75.0	75.8
IV 1500	45.0	63.0	66.2	70.1	72.3	73.2	73.8	74.0	74.0	74.7	75.4	75.4	76.2	76.2	76.4	77.3
IV 1200	45.0	63.4	66.6	70.9	73.1	74.0	74.6	75.0	75.0	75.8	76.4	76.4	77.3	77.3	77.5	78.3
IV 1000	45.1	64.6	68.2	72.7	74.8	75.8	76.3	76.7	76.7	77.5	78.2	78.2	79.0	79.0	79.3	80.1
IV 900	45.1	64.6	68.2	72.7	74.8	75.8	76.3	76.7	76.7	77.5	78.2	78.2	79.0	79.0	79.3	80.1
IV 800	45.4	65.5	69.3	73.9	76.2	77.3	77.8	78.2	78.2	79.0	79.7	79.7	80.6	80.6	80.9	81.7
IV 700	45.6	66.4	70.1	74.7	77.0	78.1	78.6	79.0	79.0	79.8	80.5	80.5	81.4	81.4	81.7	82.5
IV 600	45.6	66.9	70.9	75.8	78.1	79.3	79.8	80.5	80.5	81.3	82.0	82.0	82.9	82.9	83.2	84.0
IV 500	45.6	67.0	71.5	76.7	79.3	80.6	81.2	82.0	82.0	83.0	83.7	83.7	84.7	84.7	84.9	85.7
IV 400	45.6	67.2	71.7	77.5	80.1	81.6	82.4	83.2	83.2	84.4	85.1	85.1	86.0	86.0	86.3	87.1
IV 300	45.6	67.2	72.4	78.3	81.4	82.9	84.0	85.1	85.1	86.4	87.1	87.1	88.3	88.3	88.8	89.6
IV 200	45.6	67.2	72.4	78.3	81.6	83.0	84.5	86.0	86.0	88.2	89.1	89.1	91.0	91.0	91.5	92.7
IV 100	45.6	67.2	72.4	78.3	81.6	83.0	84.8	86.4	86.4	88.8	90.2	90.2	92.7	92.9	94.1	97.7
IV 0	45.6	67.2	72.4	78.3	81.6	83.0	84.8	86.4	86.4	89.0	90.3	90.3	92.9	93.0	94.5	100.0

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
 STATION

ATLANTIC CITY NJ
 STATION NAME

74-81
 YEARS

MAY
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	
NO CEILING	27.9	42.3	44.6	45.8	45.0	46.2	46.6	46.8	46.8	46.9	47.0	47.0	47.2	47.2	47.4	47.7
≥ 20000	32.3	49.2	51.9	53.2	53.9	54.7	55.1	55.4	55.4	55.7	55.8	55.8	55.9	55.9	56.2	56.5
IV 18000	32.3	49.2	51.9	53.2	53.9	54.7	55.1	55.4	55.4	55.7	55.8	55.8	55.9	55.9	56.2	56.5
IV 16000	32.5	49.3	52.0	53.4	54.0	54.9	55.3	55.5	55.5	55.8	55.9	55.9	56.1	56.1	56.3	56.6
IV 14000	32.7	50.0	52.7	54.0	54.7	55.5	55.9	56.2	56.2	56.5	56.6	56.6	56.7	56.7	57.0	57.3
IV 12000	33.7	51.2	54.2	55.7	56.3	57.1	57.5	58.0	58.0	58.2	58.4	58.4	58.5	58.5	58.8	59.0
IV 10000	34.5	53.2	56.3	58.0	58.6	59.4	59.8	60.2	60.2	60.6	60.8	60.8	61.1	61.1	61.3	61.6
IV 9000	34.5	53.8	57.0	58.6	59.4	60.2	60.6	61.1	61.1	61.5	61.6	61.6	61.9	61.9	62.1	62.4
IV 8000	36.1	56.9	60.5	62.3	63.2	64.0	64.4	64.8	64.8	65.4	65.5	65.5	65.8	65.8	66.0	66.3
IV 7000	36.7	57.8	61.6	63.3	64.4	65.2	65.6	66.2	66.2	66.7	66.8	66.8	67.1	67.1	67.4	67.7
IV 6000	36.5	58.1	61.9	63.6	64.7	65.5	65.9	66.4	66.4	67.0	67.1	67.1	67.4	67.4	67.7	67.9
IV 5000	37.7	59.3	63.2	65.0	66.2	67.0	67.4	67.9	67.9	68.5	68.6	68.6	68.9	68.9	69.1	69.4
IV 4500	38.1	59.7	64.0	65.9	67.3	68.2	68.6	69.1	69.1	69.8	69.9	69.9	70.2	70.2	70.5	70.8
IV 4000	38.4	60.1	64.4	66.3	67.7	68.6	69.0	69.5	69.5	70.2	70.4	70.4	70.6	70.6	70.9	71.2
IV 3500	38.5	60.6	65.0	66.8	68.5	69.4	69.8	70.4	70.4	71.0	71.2	71.2	71.4	71.4	71.7	72.0
IV 3000	39.2	62.0	66.4	68.3	70.1	71.0	71.4	72.0	72.0	72.6	72.8	72.8	73.0	73.0	73.3	73.6
IV 2500	39.4	62.5	67.1	69.0	70.9	72.0	72.5	73.0	73.0	73.7	73.9	73.9	74.1	74.1	74.4	74.7
IV 2000	39.5	63.7	68.5	70.4	72.2	73.3	73.9	74.4	74.4	75.1	75.2	75.2	75.5	75.5	75.7	76.0
IV 1800	39.8	64.0	68.7	70.6	72.5	73.6	74.3	74.8	74.8	75.5	75.6	75.6	75.9	75.9	76.1	76.4
IV 1500	40.0	64.8	69.7	71.7	73.9	75.1	75.9	76.4	76.4	77.1	77.2	77.2	77.5	77.5	77.8	78.0
IV 1200	40.3	65.6	70.6	72.6	74.8	76.0	76.8	77.4	77.4	78.0	78.2	78.2	78.4	78.4	78.7	79.0
IV 1000	40.3	66.2	71.7	73.7	76.1	77.5	78.3	78.8	78.8	79.5	79.6	79.6	79.9	79.9	80.2	80.5
IV 900	40.4	66.4	72.0	74.1	76.7	78.0	78.8	79.4	79.4	80.1	80.2	80.2	80.5	80.5	80.7	81.0
IV 800	40.4	67.0	72.5	74.6	77.5	79.1	80.2	80.9	80.9	81.5	81.7	81.7	81.9	81.9	82.2	82.5
IV 700	40.4	67.0	72.6	75.1	77.8	79.5	80.6	81.3	81.3	81.9	82.1	82.1	82.3	82.3	82.6	82.9
IV 600	40.4	67.3	73.0	75.6	78.4	80.6	82.1	82.7	82.7	83.6	83.8	83.8	84.1	84.1	84.4	84.6
IV 500	40.4	67.3	73.0	75.6	78.4	81.0	82.9	84.1	84.1	85.2	85.6	85.6	85.8	85.8	86.1	86.4
IV 400	40.6	67.4	73.2	75.9	78.7	81.8	84.0	85.3	85.3	86.9	87.3	87.3	87.9	87.9	88.1	88.4
IV 300	40.6	67.4	73.2	76.1	79.0	82.7	85.4	87.6	87.6	90.6	91.1	91.1	91.6	91.6	91.9	92.2
IV 200	40.6	67.4	73.3	76.3	79.2	83.0	86.1	88.5	88.5	92.3	93.1	93.1	95.0	95.0	95.4	95.7
IV 100	40.6	67.4	73.3	76.3	79.2	83.0	86.1	88.5	88.5	92.3	93.7	93.7	96.0	96.1	97.4	98.7
IV 0	40.6	67.4	73.3	76.3	79.2	83.0	86.1	88.5	88.5	92.3	93.7	93.7	96.0	96.1	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 742

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
 STATION

ATLANTIC CITY NJ
 STATION NAME

74-81
 YEARS

MAY
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¼	≥0
NO CEILING	33.9	49.2	50.9	51.1	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 20000	37.1	54.6	56.7	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
IV 18000	37.1	54.6	56.7	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
IV 16000	37.1	54.6	56.7	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
IV 14000	37.4	55.0	57.1	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
IV 12000	39.7	57.3	59.7	59.9	59.9	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
IV 10000	39.0	58.7	61.4	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
IV 9000	39.1	59.1	61.8	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
IV 8000	40.1	61.0	64.2	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
IV 7000	40.2	61.3	64.5	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
IV 6000	40.9	62.0	65.1	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
IV 5000	41.0	62.6	66.0	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
IV 4500	41.9	64.2	67.6	68.3	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
IV 4000	43.3	66.1	69.5	70.3	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
IV 3500	44.1	67.5	70.8	71.6	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 3000	45.0	68.8	72.3	73.1	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
IV 2500	45.6	70.3	73.9	74.7	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
IV 2000	46.4	71.8	75.4	76.3	76.9	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 1800	47.3	72.7	76.5	77.4	78.0	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
IV 1500	47.8	74.3	78.6	80.0	80.5	80.6	81.0	81.0	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 1200	48.5	75.7	80.1	81.7	82.8	82.9	83.3	83.3	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IV 1000	48.9	76.5	81.2	83.1	84.3	84.7	85.2	85.3	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 900	48.9	76.6	81.9	84.1	85.3	85.8	86.4	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 800	48.9	76.9	82.3	84.5	86.2	86.6	87.2	87.5	87.5	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 700	48.9	77.3	82.9	85.2	87.0	87.5	88.2	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 600	49.1	77.7	83.5	86.0	87.8	88.7	89.4	90.3	90.3	90.9	91.0	91.0	91.0	91.0	91.0	91.0
IV 500	49.2	78.2	84.4	87.2	89.2	90.5	91.4	92.5	92.5	93.1	93.3	93.3	93.3	93.3	93.3	93.3
IV 400	49.2	78.5	84.8	88.0	90.3	91.9	93.4	94.6	94.6	95.4	95.6	95.6	95.6	95.6	95.6	95.6
IV 300	49.2	78.5	85.1	88.4	90.9	92.6	95.0	96.6	96.6	97.6	98.0	98.0	98.0	98.0	98.0	98.0
IV 200	49.2	78.5	85.1	88.4	90.9	92.6	95.2	96.9	96.9	98.3	99.2	99.2	99.2	99.2	99.2	99.2
IV 100	49.2	78.5	85.1	88.4	90.9	92.6	95.2	96.9	96.9	98.3	99.3	99.3	99.3	99.5	99.5	99.9
IV 0	49.2	78.5	85.1	88.4	90.9	92.6	95.2	96.9	96.9	98.3	99.3	99.3	99.3	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

74-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	35.5	48.0	49.1	49.5	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
IV 20000	40.5	56.2	57.9	58.3	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
IV 18000	40.5	56.2	57.9	58.3	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
IV 16000	40.5	56.2	57.9	58.3	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
IV 14000	40.5	56.5	58.2	58.6	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
IV 12000	41.4	57.7	59.5	60.1	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
IV 10000	42.1	59.5	61.6	62.1	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
IV 9000	42.2	59.8	62.0	62.5	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
IV 8000	43.3	62.4	64.8	65.3	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
IV 7000	43.5	62.6	65.1	65.6	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
IV 6000	43.7	62.8	65.2	65.7	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
IV 5000	44.9	64.5	66.9	67.5	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IV 4500	46.0	66.3	68.8	69.4	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
IV 4000	47.0	68.8	71.9	72.0	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 3500	48.7	71.2	74.1	74.6	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
IV 3000	49.7	73.4	76.2	76.7	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 2500	51.1	75.9	79.0	79.6	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
IV 2000	51.3	78.2	81.6	82.1	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 1800	51.7	78.6	82.1	82.7	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
IV 1500	51.9	79.8	83.7	84.5	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV 1200	52.2	80.8	85.1	86.0	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 1000	52.6	82.9	87.6	88.6	89.7	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
IV 900	52.8	83.5	88.3	89.7	91.1	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
IV 800	52.8	84.0	89.0	90.3	91.8	92.6	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 700	53.0	84.3	89.8	91.1	92.6	93.4	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 600	53.0	84.5	90.3	92.1	93.7	94.5	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 500	53.0	84.7	90.5	92.7	94.8	95.6	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 400	53.0	84.7	90.9	93.4	95.4	96.6	97.4	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 300	53.0	84.7	90.9	93.5	95.7	96.9	98.0	99.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 200	53.0	84.7	90.9	93.5	95.7	96.9	98.1	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 100	53.0	84.7	90.9	93.5	95.7	96.9	98.1	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 0	53.0	84.7	90.9	93.5	95.7	96.9	98.1	99.2	99.2	99.7	99.7	99.7	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

74-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥3/16	≥¼	≥0
NO CEILING	31.6	44.1	45.6	46.4	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
IV 20000	38.3	55.8	58.2	59.0	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
IV 18000	38.3	55.8	58.2	59.0	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
IV 16000	38.3	55.8	58.2	59.0	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
IV 14000	38.3	55.9	58.3	59.1	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
IV 12000	38.7	56.7	59.1	60.1	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
IV 10000	41.8	60.6	63.4	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
IV 9000	41.9	61.2	64.1	65.1	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
IV 8000	42.3	62.6	65.7	66.8	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
IV 7000	42.9	64.0	67.3	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
IV 6000	42.6	64.7	69.1	69.2	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
IV 5000	43.7	66.1	70.2	71.2	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
IV 4500	45.2	68.0	72.3	73.7	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IV 4000	46.4	70.0	74.3	75.8	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 3500	47.8	72.3	76.9	78.5	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 3000	49.6	75.4	80.1	81.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IV 2500	50.1	77.2	82.4	84.0	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 2000	50.4	78.2	83.6	85.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 1800	50.8	79.0	84.4	86.3	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 1500	50.9	79.8	85.3	87.4	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 1200	51.3	81.3	87.1	89.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 1000	51.3	82.3	88.0	90.1	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 900	51.3	82.5	88.3	90.3	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 800	51.3	82.8	88.7	90.7	91.8	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
IV 700	51.3	83.2	89.2	91.5	92.9	93.1	93.3	93.4	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 600	51.3	83.3	89.8	92.6	94.1	94.4	94.6	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 500	51.6	84.0	90.5	93.7	95.6	96.1	96.5	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 400	51.6	84.1	90.6	94.2	96.1	96.8	97.3	97.7	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 300	51.6	84.1	90.6	94.2	96.1	96.8	97.3	98.0	98.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 200	51.6	84.1	90.6	94.2	96.1	96.8	97.3	98.1	98.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
IV 100	51.6	84.1	90.6	94.2	96.1	96.8	97.3	98.1	98.4	99.6	99.7	99.7	100.0	100.0	100.0	100.0
IV 0	51.6	84.1	90.6	94.2	96.1	96.8	97.3	98.1	98.4	99.6	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 784

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43730
STATION

ATLANTIC CITY NJ
STATION NAME

74-81
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1½	≥1	≥¾	≥¾	≥¾	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	33.6	41.7	44.0	44.9	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
IV 18000	40.2	52.4	55.3	56.7	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
IV 16000	40.2	52.4	55.3	56.7	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
IV 14000	40.2	52.4	55.3	56.7	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
IV 12000	40.9	54.1	57.1	58.4	59.1	59.2	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
IV 10000	43.7	58.7	62.2	63.7	64.4	64.5	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
IV 9000	44.1	59.2	62.8	64.2	64.9	65.0	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
IV 8000	45.3	62.3	66.3	67.7	68.4	68.6	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 7000	45.6	62.8	66.8	68.4	69.1	69.2	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
IV 6000	46.0	63.2	67.2	68.8	69.5	69.6	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
IV 5000	47.0	65.0	69.4	71.0	71.8	71.9	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 4500	47.5	66.0	70.6	72.3	73.1	73.3	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IV 4000	48.4	68.0	72.6	74.5	75.3	75.4	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
IV 3500	49.3	69.2	73.8	75.7	76.5	76.7	76.8	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
IV 3000	50.1	71.0	75.8	77.7	78.5	78.7	78.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 2500	51.0	71.9	76.9	78.9	80.0	80.2	80.3	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 2000	51.0	72.9	77.9	80.0	81.1	81.2	81.5	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
IV 1800	51.0	73.0	78.0	80.2	81.4	81.6	81.9	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 1500	51.3	73.7	78.8	81.4	82.9	83.3	83.5	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IV 1200	51.7	74.6	79.8	82.3	83.9	84.3	84.6	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV 1000	51.7	75.0	80.4	83.3	85.0	85.4	85.7	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 900	52.0	75.4	81.0	83.8	85.6	86.1	86.5	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 800	52.0	76.2	81.9	84.8	86.6	87.3	87.7	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 700	52.0	76.7	82.3	85.2	87.0	88.1	88.5	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 600	52.0	76.8	82.9	86.0	87.9	89.2	89.9	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 500	52.0	77.3	83.6	86.9	88.9	90.3	91.1	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 400	52.0	77.5	84.1	87.2	89.9	91.8	92.8	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 300	52.0	77.5	84.2	87.7	90.4	92.4	93.9	95.4	95.4	96.9	96.9	96.9	97.0	97.0	97.0	97.0
IV 200	52.0	77.5	84.2	87.7	90.4	92.4	94.1	96.0	96.0	97.6	97.6	97.6	98.0	98.0	98.1	98.2
IV 100	52.0	77.5	84.2	87.7	90.4	92.4	94.1	96.0	96.0	97.8	98.0	98.0	98.7	98.8	99.1	99.6
IV 0	52.0	77.5	84.2	87.7	90.4	92.4	94.1	96.0	96.0	97.8	98.0	98.0	98.8	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 741

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

74-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¼	≥0
NO CEILING	37.1	45.2	47.2	48.2	49.0	49.1	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 2000	39.9	51.0	53.4	54.4	55.3	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.9	55.9	55.9
≥ 1800	39.9	51.0	53.4	54.4	55.3	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.9	55.9	55.9
≥ 1600	39.9	51.0	53.4	54.4	55.3	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.9	55.9	55.9
≥ 1400	39.9	51.0	53.4	54.4	55.3	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.9	55.9	55.9
≥ 1200	39.9	52.0	54.4	55.3	56.3	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.8	56.8	56.8
≥ 1000	42.9	55.3	57.8	58.7	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.2	60.2	60.2
≥ 900	42.6	55.5	57.9	58.8	59.8	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.3	60.3	60.3
≥ 800	45.9	59.4	62.2	63.3	64.4	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.9	64.9	64.9
≥ 700	46.4	60.6	63.6	64.6	65.9	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.4	66.4	66.4
≥ 600	47.2	61.8	64.8	65.9	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.6	67.6	67.6
≥ 500	48.6	64.9	67.9	69.2	70.6	70.7	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.1	71.1	71.1
≥ 450	49.4	66.1	69.1	70.7	72.1	72.5	72.7	72.7	72.7	72.7	72.7	72.7	73.0	73.0	73.0	73.0
≥ 400	50.5	67.5	70.6	72.3	73.7	74.1	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.6	74.6	74.6
≥ 350	51.1	68.3	71.4	73.1	75.0	75.4	75.7	75.7	75.7	75.7	75.7	75.7	76.0	76.0	76.0	76.0
≥ 300	51.4	69.0	72.2	74.0	75.8	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.8	76.8	76.8	76.8
≥ 250	52.2	70.4	74.0	75.7	77.6	78.0	78.3	78.3	78.3	78.3	78.3	78.3	78.5	78.5	78.5	78.5
≥ 200	52.4	71.3	75.2	77.2	79.2	79.6	80.0	80.0	80.0	80.0	80.0	80.0	80.3	80.3	80.3	80.3
≥ 180	52.6	71.7	75.6	77.7	79.8	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.8	80.8	80.8	80.8
≥ 150	53.3	72.5	76.4	78.7	80.7	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.8	81.8	81.8	81.8
≥ 120	53.3	73.1	77.1	79.4	81.6	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.7	82.7	82.7	82.7
≥ 100	53.4	73.8	77.7	80.2	82.6	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.8	83.8	83.8	83.8
≥ 90	53.6	74.4	78.3	80.7	83.4	84.1	84.3	84.3	84.3	84.3	84.3	84.5	84.5	84.9	84.9	84.9
≥ 80	54.0	75.3	79.4	81.9	84.6	85.3	85.6	85.6	85.6	85.6	85.6	85.7	85.7	86.1	86.1	86.1
≥ 70	54.0	75.4	79.9	82.6	85.6	86.2	86.5	86.5	86.5	86.5	86.5	86.6	86.6	87.0	87.0	87.0
≥ 60	54.3	75.7	80.4	83.4	86.4	87.0	87.4	87.4	87.4	87.4	87.4	87.6	87.6	88.0	88.0	88.0
≥ 500	54.4	76.8	81.5	85.2	88.1	88.9	89.6	89.6	89.6	89.6	89.6	89.7	89.7	90.1	90.1	90.3
≥ 400	54.5	76.9	81.6	85.4	88.5	89.9	90.8	91.0	91.0	91.1	91.1	91.2	91.2	91.6	91.6	91.8
≥ 300	54.7	77.2	82.1	86.2	89.3	90.7	92.2	92.4	92.4	92.4	92.6	92.7	92.7	93.1	93.1	93.5
≥ 200	54.7	77.2	82.1	86.2	89.5	90.8	92.3	92.8	92.8	93.1	93.4	93.4	93.4	94.2	94.2	95.0
≥ 100	54.7	77.2	82.1	86.2	89.5	90.8	92.6	93.1	93.4	93.9	94.3	94.3	94.3	95.5	95.5	97.3
≥ 0	54.7	77.2	82.1	86.2	89.5	90.8	92.6	93.1	93.4	93.9	94.3	94.3	94.3	96.2	96.2	98.9

TOTAL NUMBER OF OBSERVATIONS 741

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

97730
STATION

ATLANTIC CITY NJ
STATION NAME

74-81
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥2/3	≥1/2	≥5/16	≥1/4	≥0
NO CEILING	33.7	45.4	47.1	48.0	48.4	48.5	48.7	48.7	48.7	48.8	48.9	48.9	49.0	49.0	49.1	49.2
≥ 20000	37.9	52.7	54.9	55.9	56.5	56.7	56.9	57.0	57.0	57.1	57.2	57.2	57.3	57.3	57.4	57.6
≥ 18000	37.9	52.7	54.9	55.9	56.5	56.7	56.9	57.0	57.0	57.1	57.2	57.2	57.3	57.3	57.4	57.6
≥ 16000	37.9	52.7	54.9	55.9	56.5	56.7	56.9	57.0	57.0	57.1	57.2	57.2	57.3	57.3	57.4	57.6
≥ 14000	38.0	53.0	55.2	56.2	56.8	57.0	57.2	57.3	57.3	57.4	57.5	57.5	57.6	57.6	57.7	57.9
≥ 12000	38.8	54.3	56.6	57.7	58.3	58.5	58.7	58.8	58.8	58.9	59.0	59.0	59.2	59.2	59.3	59.5
≥ 10000	40.2	56.7	59.2	60.4	60.9	61.2	61.4	61.5	61.5	61.7	61.7	61.7	61.9	61.9	62.0	62.2
≥ 9000	40.5	57.2	59.7	60.9	61.4	61.7	61.9	62.0	62.0	62.1	62.2	62.2	62.4	62.4	62.5	62.7
≥ 8000	42.0	59.9	62.7	64.0	64.6	64.9	65.1	65.2	65.2	65.4	65.4	65.4	65.6	65.6	65.7	65.9
≥ 7000	42.5	60.6	63.6	64.8	65.5	65.8	66.0	66.2	66.2	66.3	66.4	66.4	66.6	66.6	66.7	66.9
≥ 6000	42.8	61.2	64.1	65.4	66.1	66.4	66.6	66.8	66.8	66.9	67.0	67.0	67.2	67.2	67.3	67.5
≥ 5000	44.0	62.9	66.0	67.5	68.3	68.5	68.7	68.9	68.9	69.1	69.2	69.2	69.3	69.3	69.4	69.6
≥ 4500	45.0	64.3	67.6	69.1	70.0	70.3	70.6	70.7	70.7	70.9	71.0	71.0	71.2	71.2	71.3	71.5
≥ 4000	45.8	65.8	69.2	70.8	71.7	72.1	72.3	72.5	72.5	72.7	72.8	72.8	72.9	72.9	73.1	73.3
≥ 3500	46.6	67.0	70.4	72.1	73.2	73.6	73.8	74.0	74.0	74.2	74.3	74.3	74.5	74.5	74.6	74.8
≥ 3000	47.5	68.5	72.1	73.9	75.0	75.3	75.6	75.8	75.8	76.0	76.1	76.1	76.2	76.2	76.4	76.6
≥ 2500	48.2	69.9	73.7	75.5	76.7	77.0	77.3	77.5	77.5	77.7	77.8	77.8	78.0	78.0	78.1	78.3
≥ 2000	48.5	71.1	75.0	77.0	78.2	78.6	78.9	79.2	79.2	79.3	79.4	79.4	79.6	79.6	79.7	79.9
≥ 1800	48.9	71.5	75.5	77.5	78.7	79.2	79.5	79.7	79.7	79.9	80.0	80.0	80.2	80.2	80.3	80.5
≥ 1500	49.2	72.5	76.6	78.8	80.2	80.7	81.0	81.3	81.3	81.5	81.6	81.6	81.7	81.7	81.9	82.1
≥ 1200	49.4	73.3	77.7	80.0	81.5	82.0	82.3	82.6	82.6	82.9	83.0	83.0	83.1	83.1	83.2	83.4
≥ 1000	49.6	74.2	78.8	81.3	82.9	83.5	83.9	84.2	84.2	84.4	84.5	84.5	84.7	84.7	84.8	85.0
≥ 900	49.7	74.5	79.2	81.8	83.6	84.2	84.6	84.9	84.9	85.1	85.3	85.3	85.5	85.5	85.6	85.8
≥ 800	49.8	75.1	80.0	82.6	84.5	85.2	85.6	86.0	86.0	86.2	86.3	86.3	86.5	86.5	86.7	86.9
≥ 700	49.9	75.5	80.5	83.2	85.2	86.0	86.4	86.8	86.8	87.1	87.2	87.2	87.4	87.4	87.6	87.8
≥ 600	49.9	75.8	81.1	84.0	86.0	87.0	87.6	88.2	88.2	88.5	88.6	88.6	88.8	88.8	88.9	89.1
≥ 500	50.0	76.2	81.7	85.0	87.2	88.3	89.2	89.9	89.9	90.3	90.4	90.4	90.6	90.6	90.8	91.0
≥ 400	50.0	76.4	82.0	85.5	87.9	89.4	90.6	91.4	91.5	92.0	92.2	92.2	92.4	92.4	92.5	92.7
≥ 300	50.0	76.5	82.2	86.0	88.5	90.2	91.7	92.9	92.9	94.0	94.2	94.2	94.5	94.5	94.7	94.9
≥ 200	50.0	76.5	82.2	86.0	88.6	90.3	92.0	93.5	93.5	94.9	95.3	95.3	96.0	96.0	96.3	96.6
≥ 100	50.0	76.5	82.2	86.0	88.6	90.3	92.1	93.6	93.7	95.2	95.8	95.8	96.9	96.9	97.8	98.9
≥ 0	50.0	76.5	82.2	86.0	88.6	90.3	92.1	93.6	93.7	95.3	95.9	95.9	97.0	97.0	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 5943

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

9373G

ATLANTIC CITY NJ

73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 0	≥ 0
NO CEILING	27.9	44.4	47.7	50.5	52.0	52.2	52.2	52.4	52.4	53.4	53.4	53.4	53.6	53.7	54.0	54.3
≥ 2000	29.7	49.4	53.3	56.3	58.0	58.2	58.3	58.6	58.6	59.6	59.6	59.6	59.7	59.8	60.1	60.4
≥ 1800	29.7	49.4	53.3	56.3	58.0	58.2	58.3	58.6	58.6	59.6	59.6	59.6	59.7	59.8	60.1	60.4
≥ 1600	29.7	49.4	53.3	56.3	58.0	58.2	58.3	58.6	58.6	59.6	59.6	59.6	59.7	59.8	60.1	60.4
≥ 1400	30.0	50.1	54.0	57.0	58.7	58.9	59.0	59.3	59.3	60.3	60.3	60.3	60.4	60.5	60.8	61.1
≥ 1200	31.2	51.9	55.8	58.9	60.5	60.7	60.8	61.1	61.1	62.1	62.1	62.1	62.2	62.3	62.6	62.9
≥ 1000	32.9	55.6	59.7	62.9	64.7	64.9	65.0	65.3	65.3	66.2	66.2	66.2	66.4	66.5	66.8	67.1
≥ 900	34.2	56.9	60.9	64.2	66.0	66.1	66.2	66.5	66.5	67.5	67.5	67.5	67.6	67.8	68.1	68.3
≥ 800	35.6	60.1	64.3	67.6	69.7	69.9	70.0	70.3	70.3	71.3	71.3	71.3	71.4	71.5	71.8	72.1
≥ 700	36.3	60.9	65.3	68.8	71.0	71.1	71.3	71.5	71.5	72.5	72.5	72.5	72.7	72.8	73.1	73.4
≥ 600	36.4	61.1	65.6	69.0	71.3	71.4	71.5	71.8	71.8	72.8	72.8	72.8	72.9	73.1	73.4	73.6
≥ 500	38.5	63.6	68.2	71.7	74.1	74.5	74.6	75.0	75.0	76.0	76.0	76.0	76.2	76.3	76.6	76.8
≥ 450	39.3	64.6	69.3	72.8	75.2	75.6	75.7	76.3	76.3	77.3	77.3	77.3	77.4	77.5	77.8	78.1
≥ 400	39.7	65.7	70.6	74.1	76.4	76.8	77.0	77.5	77.5	78.5	78.5	78.5	78.7	78.8	79.1	79.4
≥ 350	40.2	66.5	71.4	75.0	77.4	77.8	78.0	78.5	78.5	79.5	79.5	79.5	79.6	79.8	80.1	80.3
≥ 300	40.4	67.2	72.1	76.4	78.8	79.2	79.4	79.9	79.9	80.9	80.9	80.9	81.0	81.2	81.5	81.7
≥ 250	41.3	68.9	73.9	78.7	81.2	81.6	81.7	82.3	82.3	83.3	83.3	83.3	83.4	83.5	83.8	84.1
≥ 200	41.7	69.5	74.5	79.2	81.7	82.1	82.3	82.8	82.8	84.0	84.0	84.0	84.1	84.2	84.5	84.8
≥ 1800	42.0	69.7	74.8	79.5	82.0	82.4	82.6	83.1	83.1	84.2	84.2	84.2	84.4	84.5	84.8	85.1
≥ 1500	42.8	70.6	75.6	80.3	82.8	83.3	83.4	84.0	84.0	85.1	85.1	85.1	85.2	85.4	85.6	85.9
≥ 1200	43.1	71.0	76.2	81.0	83.5	84.0	84.1	84.7	84.7	85.8	85.8	85.8	85.9	86.1	86.3	86.6
≥ 1000	43.4	71.5	76.8	81.9	84.4	84.8	84.9	85.5	85.5	86.6	86.6	86.6	86.8	86.9	87.2	87.4
≥ 900	43.4	71.8	77.4	82.6	85.1	85.5	85.6	86.2	86.2	87.3	87.3	87.3	87.4	87.6	87.9	88.1
≥ 800	43.4	72.0	77.5	82.7	85.2	85.8	85.9	86.5	86.5	87.6	87.6	87.6	87.7	87.9	88.1	88.4
≥ 700	43.9	72.8	78.7	83.8	86.3	87.2	87.3	87.9	87.9	89.0	89.0	89.0	89.1	89.3	89.5	89.8
≥ 600	43.9	72.9	78.9	84.1	86.9	87.6	88.0	88.6	88.6	89.7	89.7	89.7	89.8	90.0	90.2	90.5
≥ 500	44.1	73.6	80.1	85.5	88.4	89.5	90.2	90.8	90.8	91.9	91.9	91.9	92.1	92.2	92.5	92.7
≥ 400	44.1	74.1	80.6	86.6	89.5	90.7	91.5	92.1	92.1	93.2	93.2	93.2	93.3	93.4	93.7	94.0
≥ 300	44.1	74.6	81.5	87.6	90.5	91.8	92.7	93.3	93.3	94.4	94.4	94.4	94.6	94.7	95.0	95.3
≥ 200	44.1	74.8	81.6	87.9	90.8	92.1	93.3	94.1	94.1	95.3	95.3	95.3	95.8	96.0	96.4	96.7
≥ 100	44.1	74.8	81.6	87.9	90.8	92.1	93.4	94.4	94.4	95.7	95.7	95.7	96.7	96.8	97.4	98.3
≥ 0	44.1	74.8	81.6	87.9	90.8	92.1	93.4	94.4	94.4	95.7	95.7	95.7	96.8	96.8	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 717

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

9373D

ATLANTIC CITY NJ

73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	≥¼	≥0
NO CEILING	24.2	34.6	38.5	41.9	43.9	44.5	45.3	45.9	45.9	46.5	46.9	46.9	48.0	48.1	48.5	48.8
≥ 20000	26.1	38.4	43.5	47.4	50.2	50.8	51.7	52.3	52.3	53.1	53.5	53.5	54.7	54.8	55.2	55.6
IN 18000	26.1	38.4	43.5	47.4	50.2	50.8	51.7	52.3	52.3	53.1	53.5	53.5	54.7	54.8	55.2	55.8
IN 6000	26.1	38.4	43.5	47.4	50.2	50.8	51.7	52.3	52.3	53.1	53.5	53.5	54.7	54.8	55.2	55.8
IN 4000	26.1	38.5	43.8	48.1	50.9	51.9	52.4	53.0	53.0	53.8	54.2	54.2	55.4	55.5	55.9	56.5
IN 2000	27.0	39.5	44.8	49.1	51.9	52.4	53.4	54.0	54.0	54.8	55.2	55.2	56.3	56.5	56.9	57.4
IN 2000	28.4	42.6	48.0	52.6	55.4	55.9	57.0	57.3	57.6	58.4	59.0	59.0	60.1	60.2	60.8	61.3
IN 9000	29.8	44.6	50.1	54.7	57.4	58.0	59.1	59.7	59.7	60.5	61.1	61.1	62.2	62.3	62.9	63.4
IN 8000	31.2	47.1	53.1	57.7	60.6	61.2	62.3	62.9	63.0	63.8	64.4	64.4	65.5	65.6	66.2	66.8
IN 7000	31.7	47.7	54.0	58.6	61.8	62.3	63.4	64.0	64.1	65.0	65.5	65.5	66.6	66.8	67.3	68.0
IN 6000	32.1	48.1	54.4	59.0	62.2	62.7	64.0	64.5	64.7	65.5	66.1	66.1	67.2	67.3	67.9	68.6
IN 5000	33.0	49.7	55.9	60.5	64.0	64.5	66.1	66.6	66.8	67.6	68.3	68.3	69.4	69.5	70.1	70.8
IN 4500	34.1	51.3	57.7	62.6	66.1	66.6	68.2	68.7	68.8	69.7	70.4	70.4	71.5	71.6	72.2	72.9
IN 4000	34.9	52.7	59.1	64.0	67.5	68.0	69.5	70.1	70.2	71.2	71.9	71.9	73.0	73.2	73.7	74.4
IN 3500	35.3	53.4	59.8	64.7	68.2	68.7	70.2	70.8	70.9	71.9	72.6	72.6	73.7	73.9	74.4	75.1
IN 3000	35.9	54.1	60.5	65.8	69.4	70.0	71.5	72.2	72.3	73.6	74.3	74.3	75.4	75.5	76.1	76.8
IN 2500	36.2	54.8	61.3	66.9	70.7	71.2	72.7	73.4	73.6	74.8	75.5	75.5	76.6	76.8	77.3	78.0
IN 2000	36.7	55.8	62.4	68.0	72.0	72.6	74.3	75.1	75.2	76.5	77.2	77.2	78.3	78.4	79.0	79.7
IN 1800	37.0	56.1	62.9	68.4	72.5	73.0	74.7	75.5	75.7	76.9	77.6	77.6	78.7	78.9	79.4	80.1
IN 1500	37.3	56.9	63.8	69.4	73.4	74.0	75.7	76.5	76.6	77.9	78.6	78.6	79.7	79.8	80.4	81.1
IN 1200	37.8	57.4	64.4	70.1	74.1	74.8	76.5	77.3	77.5	79.0	79.7	79.7	80.8	80.9	81.5	82.2
IN 1000	37.8	57.6	64.5	70.2	74.4	75.2	76.9	77.7	77.9	79.4	80.3	80.3	81.4	81.5	82.1	82.8
IN 900	37.8	57.7	65.0	70.7	74.8	75.6	77.6	78.4	78.6	80.1	80.9	80.9	82.1	82.2	82.8	83.4
IN 800	37.8	57.7	65.1	70.8	75.2	76.2	78.0	78.9	79.0	80.5	81.5	81.5	82.6	82.8	83.3	84.0
IN 700	38.0	58.6	66.2	72.0	76.8	77.7	79.6	80.4	80.5	82.1	83.0	83.0	84.1	84.4	85.0	85.7
IN 600	38.1	59.0	66.8	72.6	77.7	78.7	80.7	81.5	81.6	83.2	84.3	84.3	85.4	85.7	86.2	86.9
IN 500	38.1	59.0	66.9	72.7	77.9	79.0	81.1	81.9	82.1	83.6	84.7	84.7	85.8	86.1	86.6	87.3
IN 400	38.1	59.5	67.9	74.9	79.7	80.8	83.0	83.9	84.0	85.7	86.8	86.8	87.9	88.2	88.7	89.4
IN 300	38.1	59.9	68.3	75.1	80.4	82.1	84.6	86.4	86.5	88.3	89.6	89.6	90.8	91.1	91.8	92.5
IN 200	38.1	59.9	68.3	75.2	80.5	82.2	84.8	86.6	87.1	89.2	91.0	91.0	92.5	92.9	94.0	95.1
IN 100	38.1	59.9	68.3	75.2	80.5	82.3	85.0	86.9	87.3	89.4	91.2	91.2	93.5	94.0	96.0	97.4
IN 0	38.1	59.9	68.3	75.2	80.5	82.3	85.0	86.9	87.3	89.4	91.2	91.2	93.5	94.0	96.1	100.0

TOTAL NUMBER OF OBSERVATIONS 719

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥¾	≥5/16	≥¼	≥0
NO CEILING	23.4	35.7	38.4	42.4	44.1	45.2	45.8	46.5	46.5	47.0	47.0	47.0	47.0	47.1	47.6	47.7
≥ 20000	25.5	40.6	44.2	49.1	51.0	52.2	52.9	53.7	53.7	54.2	54.2	54.2	54.2	54.4	54.8	55.1
IV 18000	25.5	40.6	44.2	49.1	51.0	52.2	52.9	53.7	53.7	54.2	54.2	54.2	54.2	54.4	54.8	55.1
IV 16000	25.5	40.6	44.2	49.1	51.0	52.2	52.9	53.7	53.7	54.2	54.2	54.2	54.2	54.4	54.8	55.1
IV 14000	25.5	40.9	44.9	49.8	51.7	52.9	53.5	54.4	54.4	54.9	54.9	54.9	54.9	55.1	55.5	55.8
IV 12000	26.0	42.1	46.6	51.7	53.8	54.9	55.6	56.5	56.5	57.0	57.0	57.0	57.0	57.2	57.6	57.9
IV 10000	26.6	44.4	49.1	54.4	56.5	57.6	58.3	59.1	59.1	59.7	59.8	59.8	59.9	60.1	60.5	60.8
IV 9000	27.4	45.6	50.5	55.8	57.9	59.1	59.8	60.6	60.6	61.2	61.3	61.3	61.5	61.6	62.0	62.3
IV 8000	28.2	47.7	53.5	59.0	61.2	62.4	63.1	64.0	64.0	64.5	64.7	64.7	64.8	65.0	65.4	65.6
IV 7000	28.5	48.1	54.0	59.5	61.9	63.3	64.0	64.8	64.8	65.4	65.5	65.5	65.6	65.8	66.2	66.5
IV 6000	28.7	48.5	54.5	60.2	62.6	64.0	64.8	65.6	65.6	66.2	66.3	66.3	66.5	66.6	67.0	67.3
IV 5000	29.2	49.4	55.4	61.1	63.6	65.0	65.8	66.6	66.6	67.3	67.5	67.5	67.6	67.7	68.2	68.4
IV 4500	29.8	51.0	57.4	63.1	65.6	67.0	67.9	68.7	68.7	69.4	69.5	69.5	69.7	69.8	70.2	70.5
IV 4000	30.2	51.7	58.4	64.3	66.9	68.3	69.1	70.0	70.0	70.7	70.8	70.8	70.9	71.1	71.5	71.8
IV 3500	31.0	53.0	59.8	65.6	68.4	69.8	70.7	71.5	71.5	72.2	72.3	72.3	72.5	72.6	73.0	73.3
IV 3000	31.8	54.0	60.9	67.0	70.0	71.3	72.2	73.2	73.2	73.9	74.0	74.0	74.1	74.3	74.7	75.0
IV 2500	32.1	54.5	61.5	67.9	70.8	72.2	73.0	74.0	74.0	74.7	74.8	74.8	75.0	75.1	75.5	75.8
IV 2000	32.7	55.2	62.2	68.7	72.2	73.6	74.4	75.5	75.5	76.2	76.4	76.4	76.5	76.6	77.1	77.3
IV 1800	32.8	55.8	62.7	69.4	73.0	74.4	75.2	76.4	76.4	77.3	77.5	77.5	77.6	77.7	78.2	78.4
IV 1500	33.0	56.5	63.7	70.4	74.3	75.7	76.5	77.7	77.7	78.7	78.9	78.9	79.0	79.1	79.6	79.8
IV 1200	33.1	57.6	65.0	71.8	75.9	77.3	78.2	79.6	79.6	80.5	80.7	80.7	80.8	80.9	81.4	81.6
IV 1000	33.2	57.9	65.5	72.7	77.1	78.4	79.6	80.9	80.9	82.1	82.2	82.2	82.3	82.5	82.9	83.2
IV 900	33.4	58.3	66.1	73.3	77.7	79.1	80.4	81.8	81.8	83.0	83.2	83.2	83.3	83.4	83.9	84.1
IV 800	33.7	58.8	66.6	74.0	78.4	80.0	81.2	82.6	82.6	83.9	84.0	84.0	84.1	84.3	84.7	85.0
IV 700	33.9	59.7	67.9	75.2	80.0	81.5	82.8	84.3	84.3	85.7	85.8	85.8	86.0	86.1	86.5	86.8
IV 600	33.9	59.8	68.3	75.7	80.4	81.9	83.2	84.7	84.7	86.2	86.5	86.5	86.6	86.8	87.2	87.5
IV 500	33.9	60.2	68.8	76.5	81.6	83.4	85.0	86.9	86.9	88.6	88.9	88.9	89.0	89.2	89.6	89.8
IV 400	33.9	60.4	69.4	77.3	82.6	84.7	86.6	89.0	89.0	90.7	91.0	91.0	91.2	91.4	91.8	92.1
IV 300	33.9	60.5	69.5	77.7	83.2	85.4	87.9	90.7	90.7	92.6	93.2	93.2	93.6	93.7	94.2	94.4
IV 200	33.9	60.5	69.5	77.9	83.4	85.8	88.5	91.7	91.7	94.2	95.0	95.0	96.2	96.4	97.2	97.6
IV 100	33.9	60.5	69.5	77.9	83.4	85.8	88.6	91.8	91.8	94.3	95.1	95.1	96.8	96.9	97.9	98.5
IV 0	33.9	60.5	69.5	77.9	83.4	85.8	88.6	91.8	91.8	94.3	95.1	95.1	96.8	96.9	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 719

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
STATION

ATLANTIC CITY NJ
STATION NAME

73-80
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	30.6	44.2	47.6	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 2000	35.9	51.7	55.6	58.7	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 1800	35.9	51.7	55.6	58.7	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 1600	35.9	51.7	55.6	58.7	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 1400	35.9	51.7	55.6	58.7	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 1200	36.0	53.7	57.7	60.8	61.2	61.2	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 1000	37.3	56.6	60.9	64.0	64.4	64.4	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 900	37.6	57.2	61.5	64.5	65.0	65.2	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 800	37.6	58.0	62.6	65.8	66.3	66.6	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 700	38.0	58.6	63.3	66.5	67.0	67.3	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 600	38.0	58.6	63.3	66.5	67.0	67.3	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 500	38.9	60.5	65.2	68.4	69.0	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 450	38.9	61.9	66.8	70.0	70.5	70.8	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 400	39.6	63.0	67.9	71.6	72.2	72.5	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 350	40.6	64.1	69.1	72.9	73.4	73.7	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 300	41.0	65.9	71.9	75.8	76.4	76.8	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 250	41.4	66.9	73.3	77.2	77.7	78.2	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 200	42.1	69.4	76.6	81.4	81.9	82.3	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 1800	42.4	70.7	78.2	82.9	83.4	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 1500	43.0	72.3	80.7	85.7	86.2	86.6	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1200	43.4	73.4	82.2	87.5	88.3	88.7	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1000	43.4	75.1	83.9	89.6	91.1	91.5	91.7	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 900	43.5	75.9	84.7	90.5	92.2	92.8	93.0	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 800	43.5	76.4	85.3	91.2	93.0	93.7	94.0	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 700	43.5	76.8	85.8	91.9	94.2	95.0	95.3	95.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 600	43.5	77.1	86.2	92.6	94.9	95.8	96.1	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 500	43.5	77.1	86.4	93.3	95.7	96.8	97.4	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 400	43.5	77.2	86.5	93.5	96.0	97.1	97.6	98.6	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	43.5	77.2	86.5	93.5	96.0	97.1	97.6	98.6	98.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	43.5	77.2	86.6	93.6	96.1	97.2	97.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	43.5	77.2	86.6	93.6	96.1	97.2	97.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	43.5	77.2	86.6	93.6	96.1	97.2	97.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 719

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

9373J

ATLANTIC CITY NJ

73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

HOURS (L.S.T.)

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	31.3	43.1	47.1	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 20000	33.1	51.4	56.4	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 18000	38.1	51.4	56.4	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 16000	38.1	51.5	56.5	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 14000	38.2	51.7	56.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 12000	39.4	53.5	58.5	60.8	60.8	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 10000	41.1	57.8	62.9	65.3	65.3	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 9000	41.4	58.2	63.6	66.1	66.1	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 8000	41.7	58.9	64.3	66.9	67.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 7000	42.1	59.3	64.9	67.5	67.8	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 6000	42.1	59.3	64.9	67.5	67.8	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 5000	42.9	60.7	66.3	68.9	69.2	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 4500	44.0	62.5	68.6	71.3	71.5	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 4000	45.8	65.1	71.7	74.3	74.6	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 3500	47.5	67.4	74.0	76.9	77.2	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 3000	48.9	69.4	76.4	79.4	79.9	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 2500	49.7	72.1	79.2	82.2	82.8	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2000	50.4	74.4	81.7	85.4	86.0	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1800	50.7	75.6	82.9	86.9	87.5	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1500	51.8	78.3	86.4	90.4	91.0	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1200	52.1	79.2	87.5	91.5	92.1	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1000	52.2	79.7	88.3	92.6	93.8	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 900	52.2	80.0	88.6	93.1	94.3	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 800	52.2	80.0	88.8	93.2	94.4	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 700	52.2	80.1	88.9	93.8	95.0	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 600	52.2	80.1	89.0	94.0	95.4	96.4	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 500	52.2	80.4	89.3	94.3	96.1	97.2	98.1	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 400	52.2	80.4	89.3	94.3	96.3	97.4	98.3	98.6	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	52.2	80.4	89.3	94.4	96.5	97.6	98.6	98.9	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	52.2	80.4	89.3	94.4	96.5	97.6	98.9	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	52.2	80.4	89.3	94.4	96.5	97.6	98.9	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	52.2	80.4	89.3	94.4	96.5	97.6	98.9	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

720

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
 STATION

ATLANTIC CITY NJ
 STATION NAME

73-80
 YEARS

JUN
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	32.8	45.8	49.8	51.5	51.6	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 20000	39.5	55.8	61.1	63.1	63.3	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
IV 18000	39.5	55.8	61.1	63.1	63.3	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
IV 16000	39.5	55.9	61.2	63.3	63.4	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
IV 14000	39.5	56.1	61.3	63.4	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
IV 12000	40.9	57.9	63.1	65.2	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
IV 10000	43.8	62.3	68.0	70.2	70.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
IV 9000	44.6	63.3	69.1	71.5	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
IV 8000	44.9	64.3	70.2	72.6	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
IV 7000	45.5	65.0	70.9	73.3	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
IV 6000	45.8	65.2	71.2	73.6	74.0	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 5000	46.6	67.3	73.6	75.9	76.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 4500	47.7	69.3	75.8	78.6	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
IV 4000	48.4	70.1	76.6	79.4	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
IV 3500	48.5	70.4	77.1	80.4	81.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IV 3000	49.5	73.0	79.8	83.6	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 2500	50.1	74.7	81.9	85.7	86.5	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 2000	50.9	75.9	83.6	87.8	88.7	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 1800	51.0	76.4	84.0	88.2	89.2	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 1500	51.9	78.4	86.2	90.5	91.5	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 1200	52.2	79.0	87.1	91.5	92.5	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 1000	52.3	79.3	87.3	91.8	92.8	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 900	52.3	79.7	87.8	92.2	93.3	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 800	52.3	80.3	88.5	93.2	94.3	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 700	52.3	80.5	89.2	94.0	95.1	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 600	52.3	80.8	89.6	94.6	95.7	96.7	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2
IV 500	52.3	80.9	89.7	95.1	96.4	97.6	98.6	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 400	52.3	80.9	89.7	95.1	96.5	97.8	98.9	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	52.3	80.9	89.7	95.1	96.5	97.8	98.9	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	52.3	81.1	89.8	95.3	96.7	97.9	99.0	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	52.3	81.1	89.8	95.3	96.7	97.9	99.0	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	52.3	81.1	89.8	95.3	96.7	97.9	99.0	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 719

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
STATION

ATLANTIC CITY NJ
STATION NAME

73-80
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING	33.1	45.8	49.3	52.1	52.6	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 20000	39.0	57.7	62.5	65.9	66.6	66.7	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
IV 18000	39.0	57.7	62.5	65.9	66.6	66.7	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
IV 16000	39.0	57.7	62.5	65.9	66.6	66.7	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
IV 14000	39.3	57.9	62.8	66.2	66.9	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
IV 12000	40.4	59.2	64.1	67.4	68.1	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
IV 10000	42.2	62.1	67.4	71.2	71.9	72.0	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 9000	42.6	62.8	68.1	71.9	72.6	72.7	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
IV 8000	43.6	65.3	71.3	75.1	76.0	76.2	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 7000	43.3	66.0	72.1	75.9	76.9	77.0	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 6000	44.3	66.7	72.8	76.6	77.6	77.7	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IV 5000	45.4	68.4	74.5	78.3	79.4	79.5	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 4500	46.2	69.5	75.6	79.5	80.6	80.8	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 4000	46.7	70.9	77.0	80.9	82.0	82.2	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 3500	46.8	71.3	77.4	81.5	82.6	82.7	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 3000	46.9	72.3	78.8	83.1	84.5	84.7	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 2500	46.9	73.0	79.7	84.0	85.4	85.9	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IV 2000	47.2	73.7	80.4	84.8	86.4	86.9	87.3	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 1800	47.2	74.0	80.6	85.1	86.8	87.3	87.7	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 1500	47.2	74.8	81.8	86.2	87.9	88.4	88.9	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 1200	47.8	75.5	82.5	86.9	88.6	89.1	89.6	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 1000	47.8	75.9	83.0	87.5	89.1	89.7	90.4	90.5	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 900	47.8	76.5	83.7	88.3	90.0	90.5	91.2	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 800	47.8	77.0	84.5	89.1	90.8	91.4	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 700	47.9	77.4	85.0	89.8	91.5	92.2	93.0	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 600	47.9	77.7	85.4	90.4	92.2	93.3	94.3	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 500	47.9	78.6	86.2	91.4	93.3	94.6	95.5	96.1	96.1	96.4	96.5	96.5	96.5	96.5	96.5	96.5
IV 400	48.1	79.1	86.8	92.1	94.3	95.7	96.8	97.8	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2
IV 300	48.1	79.1	86.8	92.2	94.4	95.8	96.9	98.1	98.1	98.6	98.9	98.9	98.9	98.9	98.9	98.9
IV 200	48.1	79.1	86.8	92.2	94.4	95.8	97.1	98.2	98.2	99.0	99.4	99.4	99.4	99.4	99.6	99.6
IV 100	48.1	79.1	86.8	92.2	94.4	95.8	97.1	98.2	98.2	99.0	99.4	99.6	99.6	99.6	100.0	100.0
IV 0	48.1	79.1	86.8	92.2	94.4	95.8	97.1	98.2	98.2	99.0	99.4	99.6	99.6	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 718

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
STATION

ATLANTIC CITY NJ
STATION NAME

73-80
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥3/16	≥¼	≥0
NO CEILING	33.8	50.2	52.7	54.1	54.5	54.9	55.1	55.1	55.1	55.2	55.2	55.2	55.4	55.4	55.4	55.4
≥ 20000	36.9	56.2	59.2	60.9	61.3	61.8	61.9	61.9	61.9	62.0	62.0	62.0	62.2	62.2	62.2	62.2
≥ 18000	36.9	56.2	59.2	60.9	61.3	61.8	61.9	61.9	61.9	62.0	62.0	62.0	62.2	62.2	62.2	62.2
≥ 16000	36.9	56.2	59.2	60.9	61.3	61.8	61.9	61.9	61.9	62.0	62.0	62.0	62.2	62.2	62.2	62.2
≥ 14000	37.0	56.6	59.7	61.3	61.8	62.2	62.3	62.3	62.3	62.4	62.4	62.4	62.6	62.6	62.6	62.6
≥ 12000	37.7	58.3	61.5	63.1	63.6	64.0	64.1	64.1	64.1	64.3	64.3	64.3	64.4	64.4	64.4	64.4
≥ 10000	38.5	59.8	63.3	65.4	65.9	66.3	66.5	66.5	66.5	66.6	66.6	66.6	66.8	66.8	66.8	66.8
≥ 9000	38.9	60.4	63.8	65.9	66.5	66.9	67.0	67.0	67.0	67.2	67.2	67.2	67.3	67.3	67.3	67.3
≥ 8000	40.1	62.3	66.5	69.4	70.2	70.7	70.8	70.8	70.8	70.9	70.9	70.9	71.1	71.1	71.1	71.1
≥ 7000	40.2	62.9	67.0	70.0	70.8	71.2	71.3	71.3	71.3	71.5	71.5	71.5	71.6	71.6	71.6	71.6
≥ 6000	40.5	63.3	67.5	70.5	71.3	71.8	71.9	71.9	71.9	72.0	72.0	72.0	72.2	72.2	72.2	72.2
≥ 5000	42.4	66.1	70.2	73.6	74.5	75.0	75.1	75.1	75.1	75.2	75.2	75.2	75.4	75.4	75.4	75.4
≥ 4500	43.5	67.5	71.6	75.0	75.9	76.4	76.6	76.6	76.6	76.8	76.8	76.8	76.9	76.9	76.9	76.9
≥ 4000	43.7	68.7	73.2	76.8	77.7	78.2	78.4	78.4	78.4	78.9	78.9	78.9	79.0	79.0	79.0	79.0
≥ 3500	43.7	69.4	73.9	77.9	78.9	79.3	79.6	79.6	79.6	80.0	80.0	80.0	80.1	80.1	80.1	80.1
≥ 3000	44.1	70.8	75.5	79.7	80.8	81.2	81.5	81.5	81.5	82.1	82.1	82.1	82.2	82.2	82.2	82.2
≥ 2500	44.6	72.0	76.9	81.2	82.3	82.9	83.2	83.2	83.2	83.7	83.7	83.7	83.9	83.9	83.9	83.9
≥ 2000	44.9	72.9	78.4	82.8	84.0	84.6	85.0	85.0	85.0	85.5	85.5	85.5	85.7	85.7	85.7	85.7
≥ 1800	44.9	73.2	78.7	83.0	84.3	84.8	85.3	85.3	85.3	85.8	85.8	85.8	86.0	86.0	86.0	86.0
≥ 1500	45.2	74.0	79.8	84.1	85.4	86.0	86.4	86.4	86.4	86.9	86.9	86.9	87.1	87.1	87.1	87.1
≥ 1200	45.2	74.4	80.4	84.7	86.1	86.6	87.1	87.1	87.1	87.6	87.6	87.6	87.8	87.8	87.8	87.8
≥ 1000	45.5	75.0	80.9	85.5	86.9	87.5	88.0	88.0	88.0	88.6	88.6	88.6	88.7	88.7	88.7	88.7
≥ 900	45.5	75.0	81.1	85.7	87.1	87.6	88.2	88.2	88.2	88.7	88.7	88.7	88.9	88.9	88.9	88.9
≥ 800	45.9	75.5	81.6	86.2	87.6	88.3	88.9	88.9	88.9	89.4	89.4	89.4	89.6	89.6	89.6	89.6
≥ 700	46.5	76.2	82.3	86.9	88.3	89.0	89.6	89.7	89.7	90.3	90.3	90.3	90.4	90.4	90.4	90.4
≥ 600	46.7	76.6	82.9	87.5	89.0	89.7	90.5	90.7	90.7	91.2	91.2	91.2	91.4	91.4	91.4	91.4
≥ 500	46.7	77.2	83.9	89.3	91.0	91.8	93.3	93.5	93.5	94.0	94.0	94.0	94.2	94.2	94.2	94.2
≥ 400	46.9	78.0	84.8	90.5	92.2	93.3	94.9	95.1	95.1	95.7	95.7	95.7	95.8	95.8	95.8	95.8
≥ 300	46.9	78.3	85.3	91.1	93.0	94.2	95.8	96.1	96.1	96.8	96.8	96.8	96.9	96.9	96.9	96.9
≥ 200	46.9	78.4	85.4	91.5	93.5	94.7	96.5	96.9	96.9	97.6	97.8	97.8	98.1	98.5	98.5	98.5
≥ 100	46.9	78.4	85.4	91.5	93.5	94.7	96.7	97.1	97.1	97.8	98.2	98.2	98.5	98.9	99.4	99.6
≥ 0	46.9	78.4	85.4	91.5	93.5	94.7	96.7	97.1	97.1	97.8	98.2	98.2	98.5	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 710

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
 STATION

ATLANTIC CITY NJ
 STATION NAME

73-80
 YEARS

JUN
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¼	≥0
NO CEILING ≥ 20000	29.6	43.0	46.4	48.9	49.8	50.1	50.3	50.5	50.5	50.8	50.8	50.8	51.0	51.0	51.2	51.3
≥ 18000 6000	33.8	50.1	54.5	57.5	58.5	58.9	59.1	59.3	59.3	59.7	59.7	59.7	59.9	59.9	60.1	60.2
≥ 14000 2000	33.9	50.4	54.9	57.9	59.0	59.3	59.5	59.8	59.8	60.1	60.1	60.1	60.3	60.3	60.5	60.6
≥ 10000 9000	36.3	55.1	59.9	63.2	64.3	64.7	65.0	65.2	65.2	65.5	65.6	65.6	65.8	65.9	66.0	66.2
≥ 8000 7000	37.8	58.0	63.2	66.8	68.1	68.5	68.8	69.0	69.1	69.4	69.5	69.5	69.7	69.7	69.9	70.0
≥ 6000 5000	38.9	58.9	64.3	67.9	69.2	69.7	70.0	70.3	70.3	70.6	70.7	70.7	70.9	70.9	71.1	71.3
≥ 4500 4000	40.5	62.2	67.9	71.6	73.1	73.6	74.0	74.3	74.3	74.6	74.7	74.7	74.9	75.0	75.1	75.3
≥ 3500 3000	41.1	63.5	69.3	73.2	74.7	75.2	75.6	75.8	75.9	76.2	76.3	76.3	76.5	76.6	76.7	76.9
≥ 2500 2000	42.8	67.1	73.5	78.0	79.7	80.3	80.7	81.0	81.0	81.5	81.6	81.6	81.8	81.8	82.0	82.1
≥ 1800 1500	43.5	68.9	75.6	80.4	82.3	83.0	83.4	83.8	83.8	84.3	84.4	84.4	84.6	84.6	84.8	85.0
≥ 1200 1000	44.3	70.9	78.1	83.1	85.1	85.8	86.3	86.7	86.7	87.2	87.3	87.3	87.5	87.6	87.7	87.9
≥ 900 800	44.5	71.9	79.3	84.5	86.8	87.5	88.2	88.6	88.6	89.2	89.4	89.4	89.5	89.6	89.8	89.9
≥ 700 600	44.8	72.8	80.5	85.9	88.4	89.3	90.0	90.5	90.5	91.1	91.3	91.3	91.5	91.5	91.7	91.8
≥ 500 400	44.9	73.4	81.4	87.3	90.1	91.3	92.4	93.0	93.1	93.8	94.0	94.0	94.2	94.2	94.4	94.6
≥ 300 200	44.9	73.9	82.1	88.3	91.3	92.7	94.1	95.2	95.2	96.2	96.5	96.5	96.7	96.8	97.0	97.1
≥ 100 0	44.9	73.9	82.2	88.5	91.5	92.9	94.6	95.8	95.8	97.0	97.5	97.5	98.1	98.3	98.8	99.2

TOTAL NUMBER OF OBSERVATIONS 5750

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
STATION

ATLANTIC CITY NJ
STATION NAME

73-80
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥ 0.2	≥ 0.3	≥ 0.4	≥ 0.5	≥ 0.6	≥ 0.8	≥ 1.0	≥ 1.5	≥ 2.0	≥ 3.0	≥ 4.0	≥ 5.0	≥ 6.0	≥ 8.0	≥ 10
NO CEILING	28.9	41.3	45.2	49.0	50.6	52.1	54.5	54.6	54.6	54.8	54.8	54.8	55.9	55.9	56.0	56.0
≥ 20000	33.3	45.0	50.6	55.2	57.5	59.1	61.9	62.2	62.2	62.4	62.4	62.4	63.5	63.5	63.7	63.7
≥ 18000	30.3	45.0	50.6	55.2	57.5	59.1	61.9	62.2	62.2	62.4	62.4	62.4	63.5	63.5	63.7	63.7
≥ 16000	30.3	45.0	50.6	55.2	57.5	59.1	61.9	62.2	62.2	62.4	62.4	62.4	63.5	63.5	63.7	63.7
≥ 14000	30.4	45.1	50.7	55.3	57.6	59.2	62.0	62.3	62.3	62.6	62.6	62.6	63.7	63.7	63.8	63.8
≥ 12000	31.0	45.8	51.5	56.9	59.4	61.0	63.8	64.1	64.1	64.3	64.3	64.3	65.4	65.4	65.5	65.5
≥ 10000	32.0	47.4	53.3	59.6	62.4	64.2	67.2	67.4	67.4	67.7	67.7	67.7	68.8	68.8	68.9	68.9
≥ 9500	32.2	47.6	53.8	60.2	63.0	64.7	67.7	68.0	68.0	68.2	68.2	68.2	69.3	69.3	69.4	69.4
≥ 8000	32.7	49.8	56.1	62.9	65.7	67.6	70.5	70.8	70.8	71.1	71.1	71.1	72.1	72.1	72.3	72.3
≥ 7000	32.8	50.9	57.2	63.9	66.9	68.9	71.9	72.1	72.1	72.4	72.4	72.4	73.5	73.5	73.6	73.6
≥ 6000	32.8	51.3	57.6	64.3	67.3	69.3	72.3	72.5	72.5	72.8	72.8	72.8	73.9	73.9	74.0	74.0
≥ 5000	33.2	52.5	59.0	65.7	68.6	70.7	73.8	74.0	74.0	74.3	74.3	74.3	75.4	75.4	75.5	75.5
≥ 4500	33.8	54.4	61.4	68.2	71.5	73.5	76.6	76.9	76.9	77.1	77.1	77.1	78.2	78.2	78.3	78.3
≥ 4000	34.2	56.0	63.4	70.3	73.6	75.8	78.9	79.1	79.1	79.4	79.4	79.4	80.5	80.5	80.6	80.6
≥ 3500	35.0	57.2	64.7	71.6	75.0	77.1	80.2	80.5	80.5	80.8	80.8	80.8	81.8	81.8	82.0	82.0
≥ 3000	35.1	58.4	66.4	73.2	76.7	78.9	82.0	82.2	82.2	82.5	82.5	82.5	83.6	83.6	83.7	83.7
≥ 2500	35.1	58.4	66.4	73.4	76.9	79.0	82.1	82.5	82.5	82.8	82.8	82.8	83.8	83.8	84.0	84.0
≥ 2000	35.3	58.1	66.8	74.2	77.7	79.8	82.9	83.3	83.3	83.6	83.6	83.6	84.7	84.7	84.8	84.8
≥ 1800	35.5	59.1	67.2	74.6	78.1	80.2	83.3	83.8	83.8	84.1	84.1	84.1	85.2	85.2	85.3	85.3
≥ 1500	35.5	59.5	67.8	75.4	78.9	81.3	84.4	84.9	84.9	85.2	85.2	85.2	86.3	86.3	86.4	86.4
≥ 1200	35.5	59.6	68.2	75.8	79.3	81.8	84.9	85.5	85.5	85.7	85.7	85.7	86.8	86.8	86.9	86.9
≥ 1000	35.5	60.2	69.2	77.0	80.5	83.0	86.1	86.8	86.8	87.1	87.1	87.1	88.2	88.2	88.3	88.3
≥ 900	35.8	60.4	69.4	77.3	80.9	83.4	86.7	87.3	87.3	87.6	87.6	87.6	88.7	88.7	88.8	88.8
≥ 800	35.9	60.7	69.7	77.5	81.2	83.7	86.9	87.6	87.6	87.9	87.9	87.9	89.0	89.0	89.1	89.1
≥ 700	36.2	61.2	70.3	78.5	82.1	84.7	87.9	88.7	88.7	89.0	89.0	89.0	90.0	90.0	90.2	90.2
≥ 600	36.2	61.5	70.7	78.9	82.5	85.1	88.3	89.1	89.1	89.4	89.4	89.4	90.4	90.4	90.6	90.6
≥ 500	36.3	61.9	71.5	79.9	83.6	86.1	90.0	90.8	90.8	91.1	91.1	91.1	92.2	92.2	92.3	92.3
≥ 400	36.5	62.0	71.9	80.6	84.3	86.8	91.0	91.9	91.9	92.5	92.5	92.5	93.5	93.5	93.7	93.7
≥ 300	36.5	62.2	72.1	80.9	84.9	87.5	91.8	92.9	92.9	93.7	93.7	93.7	94.8	94.8	94.9	94.9
≥ 200	36.5	62.2	72.3	81.0	85.2	87.8	92.5	93.8	93.8	95.3	95.3	95.3	96.4	96.4	96.6	96.6
≥ 100	36.5	62.2	72.3	81.0	85.2	87.8	92.6	93.9	93.9	95.4	95.4	95.4	97.6	97.6	97.7	97.7
≥ 0	36.5	62.2	72.3	81.0	85.2	87.8	92.6	93.9	93.9	95.4	95.4	95.4	97.7	97.7	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
 STATION

ATLANTIC CITY NJ
 STATION NAME

73-80
 YEARS

JUL
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	21.9	31.7	35.9	41.0	43.8	44.1	46.4	48.5	48.5	49.1	49.2	49.2	49.9	50.0	50.4	51.6
≥ 20000	23.5	35.5	40.5	45.7	49.6	49.9	52.2	54.4	54.4	55.5	55.8	55.8	56.6	56.7	57.1	58.5
≥ 18000	23.5	35.6	40.6	45.8	49.7	50.0	52.3	54.6	54.6	55.6	55.9	55.9	56.7	56.9	57.3	58.6
≥ 16000	23.5	35.6	40.6	45.8	49.7	50.0	52.3	54.6	54.6	55.6	55.9	55.9	56.7	56.9	57.3	58.6
≥ 14000	23.7	36.3	41.3	46.5	50.4	50.7	53.0	55.2	55.2	56.3	56.6	56.6	57.4	57.5	57.9	59.3
≥ 12000	23.8	37.0	42.1	47.4	51.6	51.9	54.3	56.6	56.6	57.8	58.1	58.1	58.9	59.0	59.4	60.8
≥ 10000	25.0	38.8	44.4	50.4	54.8	55.6	58.3	60.6	60.6	61.8	62.1	62.1	62.9	63.0	63.4	64.8
≥ 9000	25.3	39.2	44.8	50.8	55.2	56.0	58.7	61.0	61.0	62.4	62.6	62.6	63.4	63.6	64.1	65.5
≥ 8000	25.7	41.3	47.2	53.6	58.1	58.9	62.0	64.2	64.2	65.6	66.0	66.0	66.8	66.9	67.5	68.8
≥ 7000	26.3	42.9	49.2	55.6	60.3	61.2	64.2	66.7	66.7	68.0	68.4	68.4	69.2	69.4	69.9	71.2
≥ 6000	26.5	43.7	50.0	56.5	61.3	62.1	65.2	67.6	67.6	69.0	69.4	69.4	70.2	70.3	70.8	72.2
≥ 5000	28.2	45.7	52.6	59.0	63.8	64.8	67.9	70.3	70.3	71.8	72.2	72.2	73.0	73.1	73.7	75.0
≥ 4500	29.4	47.8	55.1	61.7	66.7	67.7	71.0	73.4	73.4	74.9	75.3	75.3	76.1	76.2	76.7	78.1
≥ 4000	30.0	49.3	56.6	63.4	68.4	69.8	73.0	75.4	75.4	76.9	77.3	77.3	78.1	78.2	78.8	80.1
≥ 3500	30.4	50.0	57.3	64.2	69.2	70.7	73.9	76.3	76.3	77.8	78.2	78.2	79.0	79.2	79.7	81.2
≥ 3000	30.5	50.3	57.8	65.3	70.4	72.0	75.3	77.7	77.7	79.3	79.7	79.7	80.5	80.6	81.2	82.7
≥ 2500	30.5	50.7	58.2	65.9	71.2	72.8	76.1	78.5	78.5	80.1	80.5	80.5	81.3	81.5	82.0	83.5
≥ 2000	30.5	50.9	58.5	66.4	71.8	73.5	76.9	79.4	79.4	81.0	81.5	81.5	82.3	82.4	82.9	84.4
≥ 1800	30.5	50.9	58.5	66.4	71.8	73.5	77.0	79.6	79.6	81.2	81.7	81.7	82.5	82.7	83.2	84.7
≥ 1500	30.5	51.2	58.9	66.8	72.3	74.1	77.7	80.2	80.2	81.9	82.4	82.4	83.2	83.3	83.9	85.3
≥ 1200	30.5	51.3	59.0	67.1	72.6	74.3	78.0	80.5	80.5	82.1	82.7	82.7	83.5	83.6	84.1	85.6
≥ 1000	30.6	51.7	59.4	67.5	73.3	75.1	78.8	81.3	81.3	83.1	83.6	83.6	84.4	84.5	85.1	86.6
≥ 900	31.2	52.3	59.9	68.0	73.8	75.7	79.4	82.0	82.0	83.7	84.3	84.3	85.1	85.2	85.8	87.2
≥ 800	31.3	52.4	60.5	68.7	74.5	76.3	80.1	82.7	82.7	84.4	84.9	84.9	85.8	85.9	86.4	87.9
≥ 700	31.5	52.6	60.8	69.0	74.7	76.6	80.5	83.1	83.1	84.8	85.3	85.3	86.2	86.3	87.2	88.7
≥ 600	31.6	52.8	61.0	69.2	75.0	76.9	80.8	83.5	83.5	85.3	85.9	85.9	86.7	86.8	87.8	89.2
≥ 500	31.6	53.0	61.6	70.0	75.8	77.7	82.1	84.9	84.9	86.8	87.4	87.4	88.7	88.8	89.8	91.3
≥ 400	31.6	53.1	61.8	70.4	76.2	78.1	82.8	85.6	85.6	87.5	88.0	88.0	89.5	89.7	90.6	92.1
≥ 300	31.7	53.2	62.0	70.7	76.5	78.6	83.5	86.3	86.3	88.7	89.4	89.4	91.0	91.1	92.5	94.0
≥ 200	31.7	53.2	62.0	70.7	76.6	78.8	83.9	86.8	86.8	89.8	90.5	90.5	92.6	92.9	94.5	96.2
≥ 100	31.7	53.2	62.0	70.7	76.6	78.8	83.9	87.0	87.0	89.9	90.7	90.7	93.1	93.4	95.3	97.6
≥ 0	31.7	53.2	62.0	70.7	76.6	78.8	83.9	87.0	87.0	89.9	90.7	90.7	93.1	93.4	95.6	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	19.1	32.8	38.6	42.4	45.8	47.9	49.7	50.9	51.0	51.5	52.4	52.4	52.4	52.4	53.2	54.0
≥ 20000	21.0	36.5	43.1	47.9	51.7	54.0	55.9	57.1	57.2	57.9	58.7	58.7	58.7	58.7	59.6	60.6
IN 18000	21.0	36.7	43.3	48.2	52.0	54.2	56.1	57.3	57.5	58.1	59.0	59.0	59.0	59.0	59.9	60.8
IN 16000	21.0	36.7	43.3	48.2	52.0	54.2	56.1	57.3	57.5	58.1	59.0	59.0	59.0	59.0	59.9	60.8
IN 14000	21.0	36.7	43.3	48.2	52.0	54.2	56.1	57.3	57.5	58.1	59.0	59.0	59.0	59.0	59.9	60.8
IN 12000	21.0	37.0	43.6	48.9	52.8	55.0	57.1	58.3	58.4	59.1	59.9	59.9	59.9	59.9	60.8	61.8
IN 10000	22.1	39.0	45.9	52.6	56.5	59.0	61.1	62.3	62.4	63.1	63.9	63.9	63.9	63.9	64.9	65.8
IN 9000	22.1	39.2	46.0	52.8	56.8	59.2	61.4	62.6	62.7	63.4	64.2	64.2	64.2	64.2	65.1	66.1
IN 8000	22.5	40.2	47.9	55.6	59.9	62.4	64.9	66.1	66.2	66.9	67.7	67.7	67.7	67.7	68.6	69.6
IN 7000	23.0	41.5	49.3	57.2	61.5	64.1	66.5	67.8	68.0	68.6	69.4	69.4	69.4	69.4	70.4	71.3
IN 6000	23.3	41.7	49.5	57.6	61.9	64.5	66.9	68.2	68.4	69.0	69.9	69.9	69.9	69.9	70.8	71.7
IN 5000	24.0	43.6	51.7	59.9	64.2	66.8	69.2	70.8	70.9	71.6	72.4	72.4	72.4	72.4	73.4	74.3
IN 4500	25.0	45.4	53.6	62.0	66.4	69.2	71.6	73.2	73.4	74.2	75.0	75.0	75.0	75.0	75.9	76.9
IN 4000	25.0	46.2	54.4	63.3	68.2	71.1	73.5	75.1	75.2	76.3	77.1	77.1	77.1	77.1	78.1	79.0
IN 3500	25.0	46.3	54.5	63.4	68.5	71.5	74.0	75.9	76.0	77.3	78.1	78.1	78.1	78.1	79.0	79.9
IN 3000	25.7	47.2	55.6	64.7	70.1	73.1	75.8	77.7	77.8	79.0	79.8	79.8	79.8	79.8	80.8	81.7
IN 2500	25.7	47.4	55.7	64.9	70.4	73.4	76.0	77.9	78.1	79.3	80.1	80.1	80.1	80.1	81.0	82.0
IN 2000	25.7	47.5	55.9	65.0	70.5	73.5	76.2	78.1	78.2	79.5	80.3	80.3	80.5	80.5	81.4	82.4
IN 1800	25.7	47.5	55.9	65.0	70.5	73.5	76.2	78.1	78.2	79.5	80.3	80.3	80.5	80.5	81.4	82.4
IN 1500	25.7	48.0	56.5	66.1	71.7	74.7	77.5	79.4	79.5	81.0	81.8	81.8	82.0	82.0	82.9	83.8
IN 1200	26.0	48.3	56.8	66.8	72.4	75.6	78.5	80.3	80.5	82.0	82.8	82.8	82.9	82.9	83.8	84.8
IN 1000	26.0	48.9	57.5	67.8	73.8	77.0	79.9	81.8	82.0	83.7	84.5	84.5	84.7	84.7	85.6	86.5
IN 900	26.2	49.4	58.0	68.5	74.4	77.7	80.9	82.8	82.9	84.7	85.6	85.6	85.9	85.9	86.8	87.9
IN 800	26.2	49.7	58.3	68.8	74.8	78.2	81.4	83.4	83.6	85.5	86.4	86.4	86.7	86.7	87.6	88.7
IN 700	26.2	49.8	58.4	69.2	75.4	79.0	82.5	84.5	84.7	86.5	87.5	87.5	87.8	87.8	88.7	89.8
IN 600	26.4	50.2	58.8	70.0	76.2	79.9	83.7	85.7	85.9	87.8	88.7	88.7	89.1	89.1	90.0	91.1
IN 500	26.4	50.7	59.6	70.9	77.4	81.3	85.7	87.8	87.9	89.9	91.0	91.0	91.4	91.4	92.5	93.5
IN 400	26.4	50.9	60.0	71.3	77.8	81.7	86.5	89.2	89.4	91.8	92.9	92.9	93.3	93.3	94.3	95.4
IN 300	26.4	50.9	60.0	71.3	77.8	82.0	86.8	90.0	90.2	92.7	94.1	94.1	94.5	94.5	95.6	96.6
IN 200	26.4	50.9	60.0	71.3	77.8	82.1	87.1	90.4	90.6	93.5	95.0	95.0	95.4	95.4	96.5	97.6
IN 100	26.4	50.9	60.0	71.3	77.8	82.1	87.1	90.4	90.6	93.5	95.0	95.0	95.4	95.4	96.8	98.7
IN 0	26.4	50.9	60.0	71.3	77.8	82.1	87.1	90.4	90.6	93.5	95.0	95.0	95.4	95.4	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
 STATION

ATLANTIC CITY NJ
 STATION NAME

73-80
 YEARS

JUL
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-1100
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING	23.8	43.5	47.3	51.2	52.2	53.1	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
IV 2000	25.5	48.0	52.7	56.9	58.1	59.1	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
IV 1800	25.5	48.0	52.7	56.9	58.1	59.1	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
IV 1600	25.5	48.0	52.7	56.9	58.1	59.1	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
IV 1400	25.5	48.0	52.7	56.9	58.1	59.1	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
IV 1200	25.5	48.0	52.7	56.9	58.1	59.1	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
IV 1000	27.3	52.2	58.2	62.9	64.5	65.6	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
IV 900	27.4	52.7	59.1	63.8	65.6	66.7	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
IV 800	28.2	54.3	60.8	66.0	67.7	68.8	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
IV 700	28.5	54.8	61.3	66.5	68.3	69.4	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
IV 600	28.6	55.2	61.7	67.1	69.0	70.0	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
IV 5000	28.6	55.5	62.4	67.9	69.8	70.8	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
IV 4500	29.2	56.6	63.4	69.6	71.5	72.6	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
IV 4000	29.3	58.1	64.9	71.4	73.4	74.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 3500	29.7	58.5	65.3	72.0	74.1	75.3	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
IV 3000	30.9	60.6	67.7	74.5	76.5	77.7	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IV 2500	31.5	62.0	69.8	77.0	79.0	80.2	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 2000	32.0	63.7	72.0	80.0	82.3	83.6	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 1800	32.3	64.4	72.8	81.0	83.6	84.9	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 1500	32.9	66.0	75.3	83.9	86.8	88.2	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 1200	33.3	67.5	77.2	86.7	89.8	91.1	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 1000	33.5	68.4	78.2	88.4	92.1	93.5	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 900	33.5	68.8	78.8	89.2	93.1	94.6	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 800	33.5	69.0	79.0	89.9	93.8	95.3	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 700	33.5	69.1	79.2	90.5	94.5	96.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 600	33.5	69.1	79.6	90.9	94.9	96.4	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 500	33.5	69.2	79.7	91.1	95.4	96.9	98.5	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 400	33.5	69.2	79.7	91.3	95.7	97.2	98.9	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 300	33.5	69.2	79.7	91.3	95.8	97.3	99.1	99.2	99.2	99.6	99.9	99.9	99.9	100.0	100.0	100.0
IV 200	33.5	69.2	79.7	91.3	95.8	97.3	99.1	99.2	99.2	99.6	99.9	99.9	99.9	100.0	100.0	100.0
IV 100	33.5	69.2	79.7	91.3	95.8	97.3	99.1	99.2	99.2	99.6	99.9	99.9	99.9	100.0	100.0	100.0
IV 0	33.5	69.2	79.7	91.3	95.8	97.3	99.1	99.2	99.2	99.6	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

9377C
STATION

ATLANTIC CITY NJ
STATION NAME

73-80
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	½	¼	≥3/16	≥¼	≥0
NO CEILING	24.6	39.7	45.7	48.3	49.3	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 20000	28.4	45.8	52.4	56.5	57.9	58.5	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
IV 18000	28.4	45.8	52.4	56.5	57.9	58.5	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
IV 17000	28.4	45.8	52.4	56.5	57.9	58.5	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
IV 16000	28.4	45.8	52.4	56.5	57.9	58.5	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
IV 15000	28.6	46.4	53.8	58.3	59.8	60.3	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
IV 14000	30.9	49.3	57.3	62.2	63.7	64.2	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
IV 13000	31.5	50.5	58.5	63.7	65.2	65.7	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
IV 12000	32.0	51.6	59.5	65.2	66.8	67.3	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
IV 11000	32.3	52.3	60.3	66.0	67.6	68.1	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
IV 10000	32.4	52.6	60.6	66.3	67.9	68.4	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 9000	32.9	53.2	62.0	67.6	69.2	69.8	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
IV 8000	33.5	54.6	63.3	69.6	71.2	71.8	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
IV 7000	34.3	57.5	66.7	73.4	75.1	75.8	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
IV 6000	34.9	59.0	68.5	75.3	77.2	77.8	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IV 5000	37.1	62.2	72.2	79.2	81.2	81.9	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 4500	38.2	65.7	76.9	84.3	86.4	87.4	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 4000	38.6	67.6	79.4	87.0	89.2	90.5	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 3500	38.6	68.4	80.2	88.2	90.5	91.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 3000	38.6	69.9	82.0	90.3	92.7	94.1	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 2500	38.6	70.7	82.8	91.3	94.0	95.3	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 2000	38.6	71.4	83.9	92.1	94.9	96.5	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 1800	38.6	71.8	83.9	92.6	95.4	97.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 1700	38.6	71.8	83.9	92.6	95.4	97.2	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1600	38.6	71.9	84.0	92.7	95.6	97.3	98.5	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1500	38.6	71.9	84.0	92.9	95.8	97.6	98.8	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1400	38.6	71.9	84.0	93.0	96.1	98.3	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 1300	38.6	71.9	84.0	93.0	96.2	98.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	38.6	71.9	84.0	93.0	96.2	98.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1100	38.6	71.9	84.0	93.0	96.2	98.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	38.6	71.9	84.0	93.0	96.2	98.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	26.6	39.8	47.0	50.9	51.4	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
IV 20000	31.1	49.1	57.1	61.9	62.9	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
IV 18000	31.1	49.1	57.1	61.9	62.9	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
IV 16000	31.1	49.1	57.1	61.9	62.9	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
IV 14000	31.5	49.8	57.7	62.6	63.5	64.3	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
IV 12000	32.3	51.0	59.4	64.3	65.4	66.2	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
IV 10000	33.5	52.5	61.4	66.6	67.8	68.6	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
IV 9000	33.8	53.8	63.1	68.5	69.9	70.7	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
IV 8000	35.1	56.0	65.8	71.6	73.2	74.2	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
IV 7000	35.3	56.4	66.4	72.1	73.8	74.7	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 6000	35.7	56.8	66.8	72.5	74.3	75.2	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
IV 5000	35.9	57.7	67.8	73.6	75.4	76.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 4500	36.5	59.4	69.7	75.8	77.5	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
IV 4000	37.6	61.4	73.2	80.1	82.0	83.0	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 3500	38.0	62.2	74.2	81.3	83.6	84.7	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 3000	38.1	62.9	75.4	82.9	85.5	86.5	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 2500	38.2	64.3	77.0	85.1	87.8	88.8	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 2000	38.5	65.4	78.1	86.3	89.0	90.2	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 1800	38.6	65.9	78.6	87.1	89.8	91.0	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 1500	38.9	66.8	79.5	88.4	91.3	92.6	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 1200	39.2	67.6	80.3	89.5	92.3	93.7	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 1000	39.2	67.7	80.6	90.2	93.1	94.9	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 900	39.2	68.0	81.0	90.7	93.7	95.4	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 800	39.2	68.0	81.0	90.8	93.8	95.7	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 700	39.2	68.0	81.0	91.0	93.9	95.8	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 600	39.2	68.4	81.4	91.8	94.8	96.8	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 500	39.2	68.4	81.4	91.8	94.9	96.9	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9
IV 400	39.2	68.4	81.4	91.8	95.0	97.2	98.9	99.1	99.2	99.5	99.6	99.6	99.6	99.7	99.7	99.7
IV 300	39.2	68.4	81.4	91.8	95.0	97.2	99.1	99.2	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0
IV 200	39.2	68.4	81.4	91.8	95.0	97.2	99.1	99.2	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0
IV 100	39.2	68.4	81.4	91.8	95.0	97.2	99.1	99.2	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0
IV 0	39.2	68.4	81.4	91.8	95.0	97.2	99.1	99.2	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
STATION

ATLANTIC CITY NJ
STATION NAME

73-80
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING ≥ 20000	28.0 31.4	40.5 48.5	46.8 55.6	50.7 61.4	53.6 65.1	54.6 66.6	54.9 67.0	55.0 67.2	55.0 67.2	55.0 67.3	55.0 67.3	55.0 67.3	55.0 67.3	55.0 67.3	55.0 67.3	55.0 67.3
IV 18000 6000	31.4 31.4	48.5 48.6	55.6 55.7	61.4 61.5	65.1 65.3	66.6 66.8	67.0 67.2	67.2 67.3	67.3 67.3	67.3 67.4	67.3 67.4	67.3 67.4	67.3 67.4	67.3 67.4	67.3 67.4	67.3 67.4
IV 14000 2000	31.5 32.0	49.0 50.6	56.4 58.1	62.2 65.9	65.9 70.0	67.4 71.7	67.8 72.1	68.0 72.3	68.0 72.3	68.1 72.4	68.1 72.4	68.1 72.4	68.1 72.4	68.1 72.4	68.1 72.4	68.1 72.4
IV 10000 9000	33.4 33.6	53.2 54.0	60.8 61.8	69.2 70.3	73.4 74.4	75.2 76.3	75.6 76.7	75.8 76.9	75.8 76.9	75.9 77.0	75.9 77.0	75.9 77.0	75.9 77.0	75.9 77.0	75.9 77.0	75.9 77.0
IV 8000 7000	34.2 34.7	56.3 56.9	64.2 65.0	72.9 73.9	77.8 79.3	79.9 81.4	80.5 82.0	80.6 82.1	80.6 82.1	80.8 82.2	80.8 82.2	80.8 82.2	80.8 82.2	80.8 82.2	80.8 82.2	80.8 82.2
IV 6000 5000	34.7 35.3	56.9 58.4	65.1 66.8	74.0 75.6	79.4 81.0	81.6 83.2	82.1 83.8	82.2 84.0	82.2 84.0	82.4 84.1	82.4 84.1	82.4 84.1	82.4 84.1	82.4 84.1	82.4 84.1	82.4 84.1
IV 4500 4000	35.5 36.6	59.4 60.8	67.7 69.6	76.9 79.3	82.4 85.1	84.5 87.2	85.5 88.2	85.6 88.3	85.6 88.3	85.7 88.4	85.7 88.4	85.7 88.4	85.7 88.4	85.7 88.4	85.7 88.4	85.7 88.4
IV 3500 3000	36.7 37.0	61.1 61.6	70.1 70.9	79.8 80.9	85.6 86.8	87.8 89.0	88.7 89.9	88.8 90.0	88.8 90.0	89.0 90.2	89.0 90.2	89.0 90.2	89.0 90.2	89.0 90.2	89.0 90.2	89.0 90.2
IV 2500 2000	37.1 37.1	62.0 62.2	71.5 71.6	81.4 81.7	87.3 87.6	89.5 89.8	90.4 90.8	90.6 91.0	90.6 91.0	90.7 91.1	90.7 91.1	90.7 91.1	90.7 91.1	90.7 91.1	90.7 91.1	90.7 91.1
IV 1800 1500	37.1 37.1	62.3 62.6	71.7 72.0	82.1 82.4	88.0 88.4	90.2 90.7	91.3 91.8	91.4 92.2	91.4 92.2	91.5 92.3	91.5 92.3	91.5 92.3	91.5 92.3	91.5 92.3	91.5 92.3	91.5 92.3
IV 1200 1000	37.1 37.1	63.1 63.1	72.7 72.7	83.2 83.6	89.4 90.0	91.8 92.5	92.9 93.5	93.3 93.9	93.3 93.9	93.4 94.1	93.4 94.1	93.4 94.1	93.4 94.1	93.4 94.1	93.4 94.1	93.4 94.1
IV 900 800	37.1 37.1	63.3 63.3	72.8 72.9	83.8 84.3	90.3 90.7	92.7 93.1	93.8 94.2	94.2 94.6	94.2 94.6	94.3 94.8	94.3 94.8	94.3 94.8	94.3 94.8	94.3 94.8	94.3 94.8	94.3 94.8
IV 700 600	37.1 37.1	63.4 63.5	73.2 73.5	84.5 85.3	91.0 91.9	93.5 94.5	94.8 96.0	95.0 96.4	95.0 96.4	95.2 96.6	95.2 96.6	95.2 96.6	95.2 96.6	95.2 96.6	95.2 96.6	95.2 96.6
IV 500 400	37.3 37.3	63.8 63.8	73.8 73.8	85.9 85.9	92.7 93.0	95.3 95.7	96.8 97.2	97.3 97.8	97.3 98.0	97.6 98.5	97.6 98.5	97.6 98.5	97.6 98.5	97.6 98.5	97.6 98.5	97.6 98.5
IV 300 200	37.3 37.3	63.8 63.8	73.8 73.8	85.9 85.9	93.0 93.0	96.0 96.0	97.6 97.7	98.5 98.7	98.7 98.8	99.3 99.6	99.3 99.6	99.3 99.6	99.3 99.6	99.3 99.6	99.3 99.6	99.3 99.6
IV 100 0	37.3 37.3	63.8 63.8	73.8 73.8	85.9 85.9	93.0 93.0	96.0 96.0	97.7 97.7	98.7 98.8	98.8 98.8	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

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
STATION

ATLANTIC CITY NJ
STATION NAME

73-80
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING ≥ 20000	27.6	45.4	50.1	53.5	55.4	57.9	59.0	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4
IV ≥ 18000	29.7	51.2	57.1	61.8	64.8	67.7	68.8	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2
IV ≥ 16000	29.7	51.2	57.1	61.8	64.8	67.7	68.8	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2
IV ≥ 14000	29.7	51.2	57.1	62.0	64.9	67.9	69.0	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IV ≥ 12000	30.1	51.9	57.9	63.4	66.5	69.6	70.7	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1
IV ≥ 10000	31.0	54.6	61.0	67.1	70.3	73.4	74.5	74.7	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV ≥ 9000	31.0	54.7	61.4	67.6	70.8	73.9	75.0	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4
IV ≥ 8000	31.3	56.3	63.7	70.0	73.3	76.3	77.4	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV ≥ 7000	31.3	56.6	64.0	70.3	74.1	77.2	78.2	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV ≥ 6000	31.3	56.6	64.1	70.4	74.2	77.3	78.4	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV ≥ 5000	32.3	58.5	66.5	73.0	76.7	80.1	81.5	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV ≥ 4500	33.2	59.8	68.0	74.6	78.8	82.3	83.6	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IV ≥ 4000	33.6	60.9	69.2	75.9	80.1	83.6	84.9	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV ≥ 3500	33.9	61.4	69.8	76.5	80.6	84.1	85.5	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV ≥ 3000	34.0	61.8	70.3	77.2	81.5	84.9	86.3	86.8	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV ≥ 2500	34.4	62.5	71.0	77.8	82.1	85.6	87.0	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV ≥ 2000	34.4	62.9	71.4	78.2	82.8	86.3	87.6	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV ≥ 1800	34.5	63.3	71.8	79.0	83.6	87.2	88.6	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV ≥ 1500	34.8	63.7	72.2	79.4	84.1	87.8	89.1	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV ≥ 1200	34.8	64.1	72.6	80.1	84.8	88.6	89.9	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV ≥ 1000	34.8	64.2	72.7	80.5	85.2	89.0	90.5	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV ≥ 900	34.8	64.4	72.8	80.6	85.3	89.1	90.7	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV ≥ 800	34.8	64.5	73.0	81.0	85.8	89.5	91.1	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV ≥ 700	34.8	65.5	73.9	82.1	86.8	90.6	92.2	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV ≥ 600	34.8	65.7	74.2	82.7	87.5	91.3	92.9	93.5	93.5	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV ≥ 500	35.2	66.4	75.3	84.1	89.1	93.0	94.6	95.4	95.4	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV ≥ 400	35.2	66.5	75.4	84.3	89.4	93.3	95.0	95.8	95.8	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV ≥ 300	35.3	66.7	75.5	84.4	89.5	93.5	95.3	96.1	96.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV ≥ 200	35.3	66.7	75.5	84.5	89.7	93.7	95.7	96.6	96.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV ≥ 100	35.3	66.7	75.5	84.5	89.9	94.0	96.0	96.9	96.9	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV ≥ 0	35.3	66.7	75.5	84.5	89.9	94.0	96.0	96.9	96.9	98.5	98.5	98.5	99.2	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	≥4	≥0
NO CEILING	25.1	39.4	44.5	48.4	50.3	51.5	52.5	53.0	53.0	53.2	53.3	53.3	53.5	53.5	53.7	53.9
≥ 20000	27.6	44.9	51.1	55.9	58.4	59.8	61.0	61.5	61.6	61.8	62.0	62.0	62.2	62.2	62.4	62.7
≥ 18000	27.6	45.0	51.2	56.0	58.5	59.9	61.1	61.6	61.6	61.9	62.0	62.0	62.3	62.3	62.5	62.7
≥ 16000	27.6	45.0	51.2	56.0	58.5	59.9	61.1	61.6	61.6	61.9	62.0	62.0	62.3	62.3	62.5	62.8
≥ 14000	27.7	45.2	51.5	56.3	58.8	60.2	61.4	61.9	61.9	62.2	62.3	62.3	62.6	62.6	62.8	63.0
≥ 12000	28.1	46.1	52.6	58.1	60.8	62.2	63.5	64.0	64.0	64.3	64.4	64.4	64.7	64.7	64.9	65.2
≥ 10000	29.4	48.4	55.3	61.3	64.2	65.7	67.0	67.6	67.6	67.9	68.0	68.0	68.3	68.3	68.5	68.7
≥ 9000	29.6	49.0	55.9	62.2	65.1	66.7	68.0	68.5	68.5	68.8	69.0	69.0	69.2	69.2	69.4	69.7
≥ 8000	30.2	50.7	58.2	64.7	67.8	69.4	70.8	71.4	71.4	71.7	71.9	71.9	72.1	72.1	72.3	72.6
≥ 7000	30.5	51.5	59.1	65.7	69.0	70.6	72.0	72.6	72.6	72.9	73.1	73.1	73.3	73.3	73.5	73.8
≥ 6000	30.7	51.8	59.4	66.1	69.4	71.0	72.5	73.0	73.0	73.4	73.5	73.5	73.7	73.8	74.0	74.2
≥ 5000	31.3	53.1	61.1	67.8	71.1	72.8	74.3	74.9	74.9	75.2	75.4	75.4	75.6	75.6	75.8	76.1
≥ 4500	32.0	54.7	62.8	69.8	73.2	75.0	76.5	77.2	77.2	77.5	77.7	77.7	77.9	77.9	78.1	78.4
≥ 4000	32.6	56.3	64.7	72.1	75.7	77.6	79.2	79.8	79.9	80.2	80.4	80.4	80.6	80.6	80.9	81.1
≥ 3500	33.0	57.0	65.6	73.0	76.7	78.6	80.2	80.9	80.9	81.3	81.5	81.5	81.7	81.7	81.9	82.2
≥ 3000	33.6	58.1	67.0	74.7	78.6	80.5	82.1	82.8	82.8	83.2	83.4	83.4	83.6	83.6	83.8	84.1
≥ 2500	33.9	59.1	68.3	76.2	80.1	82.1	83.7	84.4	84.4	84.9	85.0	85.0	85.2	85.3	85.5	85.8
≥ 2000	34.0	59.9	69.2	77.3	81.4	83.4	85.1	85.8	85.8	86.2	86.4	86.4	86.7	86.7	86.9	87.2
≥ 1800	34.1	60.2	69.6	77.9	82.0	84.0	85.7	86.5	86.5	86.9	87.1	87.1	87.3	87.4	87.6	87.9
≥ 1500	34.3	61.0	70.5	79.1	83.3	85.4	87.2	88.0	88.0	88.4	88.6	88.6	88.9	88.9	89.1	89.4
≥ 1200	34.4	61.5	71.2	80.0	84.3	86.5	88.4	89.1	89.1	89.6	89.8	89.8	90.0	90.0	90.2	90.5
≥ 1000	34.4	62.0	71.7	80.9	85.4	87.7	89.6	90.4	90.4	90.9	91.1	91.1	91.3	91.3	91.5	91.8
≥ 900	34.5	62.3	72.1	81.4	85.9	88.2	90.2	91.0	91.0	91.5	91.7	91.7	92.0	92.0	92.2	92.5
≥ 800	34.6	62.4	72.3	81.7	86.2	88.6	90.7	91.5	91.5	92.0	92.2	92.2	92.5	92.5	92.7	93.0
≥ 700	34.6	62.7	72.6	82.2	86.8	89.2	91.3	92.2	92.2	92.8	92.9	92.9	93.2	93.2	93.5	93.8
≥ 600	34.7	62.9	72.9	82.7	87.3	89.8	92.1	92.9	93.0	93.6	93.8	93.8	94.1	94.1	94.3	94.7
≥ 500	34.8	63.2	73.4	83.4	88.1	90.7	93.3	94.2	94.2	94.9	95.1	95.1	95.4	95.4	95.7	96.0
≥ 400	34.8	63.2	73.5	83.6	88.4	91.0	93.8	94.8	94.9	95.7	95.9	95.9	96.3	96.3	96.6	96.9
≥ 300	34.8	63.3	73.6	83.7	88.6	91.3	94.1	95.3	95.3	96.4	96.7	96.7	97.1	97.1	97.4	97.7
≥ 200	34.8	63.3	73.6	83.7	88.7	91.4	94.3	95.6	95.6	96.9	97.3	97.3	97.7	97.8	98.2	98.5
≥ 100	34.8	63.3	73.6	83.7	88.7	91.4	94.4	95.6	95.7	97.1	97.4	97.4	98.1	98.2	98.6	99.2
0	34.8	63.3	73.6	83.7	88.7	91.4	94.4	95.6	95.7	97.1	97.4	97.4	98.2	98.2	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 5948

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

92730
 STATION

ATLANTIC CITY NJ
 STATION NAME

73-80
 YEARS

AUG
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING ≥ 20000	21.6	38.6	43.3	46.9	49.9	51.1	52.8	53.0	53.0	53.5	53.5	53.5	54.2	54.2	54.3	54.3
IV 18000 ≥ 6700	24.6	44.6	50.5	55.0	58.1	59.3	61.0	61.2	61.2	61.7	61.7	61.7	62.4	62.4	62.5	62.5
IV 14000 ≥ 2000	24.6	45.0	50.9	55.4	58.5	59.7	61.4	61.6	61.6	62.1	62.1	62.1	62.8	62.8	62.9	62.9
IV 10000 ≥ 9000	27.0	50.0	55.9	60.8	64.2	65.5	67.3	67.5	67.5	68.0	68.0	68.0	68.7	68.7	68.8	68.8
IV 8000 ≥ 7000	29.0	53.6	59.7	65.5	69.1	70.3	72.3	72.4	72.4	73.0	73.0	73.0	73.7	73.7	73.8	73.8
IV 6000 ≥ 5000	29.2	53.8	59.8	66.0	69.6	70.8	72.8	72.8	73.0	73.5	73.5	73.5	74.2	74.2	74.3	74.3
IV 4500 ≥ 4000	30.9	57.1	63.6	69.9	73.5	75.0	77.0	77.2	77.2	77.7	77.7	77.7	78.4	78.4	78.5	78.5
IV 3500 ≥ 3000	32.0	60.5	66.9	73.5	77.3	78.9	80.9	81.0	81.0	81.6	81.6	81.6	82.3	82.3	82.4	82.4
IV 2500 ≥ 2000	32.9	62.1	68.7	75.4	79.2	80.9	82.9	83.1	83.1	83.6	83.6	83.6	84.3	84.3	84.4	84.4
IV 1800 ≥ 1500	33.9	63.6	70.2	77.4	81.2	82.9	84.9	85.2	85.2	85.8	85.8	85.8	86.4	86.4	86.6	86.6
IV 1200 ≥ 1000	33.9	64.4	71.0	78.5	82.4	84.1	86.3	86.8	86.8	87.5	87.5	87.5	88.2	88.2	88.3	88.3
IV 900 800	34.0	65.2	71.9	79.4	83.5	85.2	87.5	88.0	88.0	89.0	89.0	89.0	89.7	89.7	89.8	89.8
IV 700 600	34.0	66.1	72.8	80.8	85.2	87.4	89.7	90.2	90.2	91.1	91.1	91.1	91.8	91.8	91.9	91.9
IV 500 400	34.0	66.3	73.0	81.3	85.8	88.0	90.3	90.9	90.9	91.8	91.8	91.8	92.5	92.5	92.6	92.6
IV 300 200	34.0	66.9	74.2	83.3	87.9	90.5	92.9	93.7	93.7	94.8	95.0	95.0	95.7	95.7	96.0	96.0
IV 100	34.0	66.9	74.2	83.3	87.9	90.5	93.3	94.4	94.4	95.7	96.1	96.1	97.6	97.6	98.4	98.8

TOTAL NUMBER OF OBSERVATIONS 744

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/10	≥0	
NO CEILING ≥ 20000	18.0	32.8	37.1	42.5	46.1	47.0	49.3	50.5	50.5	51.2	51.3	51.3	52.8	52.8	53.8	54.2
≥ 18000 IV 16000	20.2	37.6	43.0	49.2	54.2	55.2	57.8	59.0	59.0	60.2	60.5	60.5	62.0	62.0	62.9	63.3
≥ 14000 IV 12000	20.3	37.9	43.3	49.5	54.4	55.5	58.1	59.3	59.3	60.5	60.8	60.8	62.2	62.2	63.2	63.6
≥ 10000 IV 9000	22.6	41.1	47.2	53.5	58.5	59.5	62.1	63.3	63.3	64.5	64.8	64.8	66.3	66.3	67.2	67.6
≥ 8000 IV 7000	24.1	44.4	50.4	57.5	62.8	63.8	66.4	67.6	67.6	69.0	69.2	69.2	70.8	70.9	71.8	72.2
≥ 6000 IV 5000	24.5	44.8	50.8	57.9	63.2	64.2	66.9	68.1	68.1	69.5	69.8	69.8	71.4	71.4	72.3	72.7
≥ 4500 IV 4000	26.1	47.3	53.5	60.9	66.1	67.2	70.0	71.4	71.4	72.7	73.0	73.0	74.6	74.6	75.5	75.9
≥ 3500 IV 3000	27.4	49.7	56.5	64.0	69.5	70.6	73.4	74.7	74.7	76.1	76.3	76.3	78.0	78.0	78.9	79.3
≥ 2500 IV 2000	28.9	51.3	58.1	65.6	71.1	72.2	75.0	76.3	76.3	77.7	78.0	78.0	79.6	79.6	80.5	80.9
≥ 1800 IV 1500	30.8	54.0	61.2	69.1	74.6	75.7	78.6	80.0	80.0	81.3	81.6	81.6	83.2	83.2	84.1	84.5
≥ 1200 IV 1000	30.9	55.0	62.2	70.4	76.2	77.3	80.4	81.7	81.7	83.2	83.5	83.5	85.1	85.1	86.0	86.4
≥ 900 IV 800	31.0	55.5	62.9	71.4	77.3	78.5	81.9	83.3	83.3	84.8	85.1	85.1	87.0	87.0	88.0	88.4
≥ 700 IV 600	31.0	56.9	64.4	73.1	79.2	80.5	83.9	85.3	85.3	86.8	87.1	87.1	89.0	89.0	90.1	90.5
≥ 500 IV 400	31.0	58.1	65.7	75.0	81.3	82.9	86.7	88.3	88.3	89.8	90.1	90.1	92.1	92.1	93.1	93.5
≥ 300 IV 200	31.0	58.5	66.1	75.4	81.7	83.3	87.2	89.1	89.1	90.6	90.9	90.9	93.1	93.1	94.2	94.6
≥ 100 IV 0	31.0	58.5	66.3	76.1	82.5	84.1	88.0	90.3	90.3	92.1	92.3	92.3	95.6	95.6	96.6	97.0
≥ 0	31.0	58.5	66.3	76.1	82.5	84.1	88.2	90.5	90.5	92.2	92.6	92.6	95.8	95.8	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	12.5	26.6	30.8	36.3	40.7	43.1	45.2	46.6	46.6	48.5	49.3	49.3	49.9	49.9	50.3	50.4
IN 2000	14.2	30.1	35.1	41.8	46.6	49.6	52.4	53.9	53.9	55.9	56.7	56.7	57.3	57.3	57.7	57.9
IN 1800	14.2	30.1	35.1	41.8	46.6	49.6	52.4	53.9	53.9	55.9	56.7	56.7	57.3	57.3	57.7	57.9
IN 1600	14.4	30.2	35.2	41.9	46.8	49.7	52.6	54.0	54.0	56.0	56.9	56.9	57.4	57.4	57.8	58.1
IN 1400	14.4	30.4	35.3	42.5	47.4	50.4	53.2	54.7	54.7	56.7	57.5	57.5	58.1	58.1	58.5	58.7
IN 1200	14.7	31.5	36.8	44.2	49.3	52.4	55.4	56.9	56.9	58.9	59.7	59.7	60.2	60.2	60.6	60.9
IN 1000	15.5	34.4	40.1	48.3	53.8	57.0	59.9	61.7	61.7	64.0	64.8	64.8	65.3	65.3	65.7	66.0
IN 900	15.5	34.7	40.5	48.8	54.3	57.5	60.5	62.4	62.4	64.7	65.5	65.5	66.0	66.0	66.4	66.7
IN 800	16.3	36.2	42.6	51.7	57.7	61.2	64.4	66.5	66.5	69.1	69.9	69.9	70.4	70.4	70.8	71.1
IN 700	17.1	37.2	43.7	52.8	58.7	62.2	65.5	67.7	67.7	70.3	71.1	71.1	71.6	71.6	72.0	72.3
IN 600	17.1	37.2	43.7	52.8	58.7	62.2	65.7	68.0	68.0	70.6	71.4	71.4	71.9	71.9	72.3	72.6
IN 500	17.6	38.2	44.6	54.0	6.3	63.8	67.5	69.9	69.9	72.4	73.3	73.3	73.8	73.8	74.2	74.5
IN 450	18.1	38.8	45.3	55.0	61.4	64.9	68.7	71.1	71.1	73.7	74.5	74.5	75.0	75.0	75.4	75.7
IN 400	18.3	39.1	45.6	55.8	62.5	66.0	70.0	72.4	72.4	75.0	75.8	75.8	76.3	76.3	76.7	77.0
IN 350	18.5	39.4	45.8	56.3	63.0	66.5	70.7	73.4	73.4	75.9	76.7	76.7	77.3	77.3	77.7	78.0
IN 300	18.5	39.8	46.2	56.7	63.4	66.9	71.2	73.9	73.9	76.6	77.4	77.4	78.0	78.0	78.4	78.6
IN 250	19.1	40.9	47.3	57.8	64.5	68.1	72.4	75.1	75.1	77.8	78.6	78.6	79.2	79.2	79.6	79.8
IN 200	20.0	42.6	49.2	60.1	66.8	70.6	74.9	77.6	77.6	80.2	81.0	81.0	81.6	81.6	82.0	82.3
IN 180	20.3	43.4	50.0	60.9	67.6	71.4	75.8	78.5	78.5	81.2	82.0	82.0	82.5	82.5	82.9	83.2
IN 150	20.4	43.8	50.4	61.3	68.0	71.8	76.5	79.3	79.3	82.0	82.8	82.8	83.3	83.3	83.7	84.0
IN 120	20.6	44.2	51.1	62.1	69.0	72.7	77.6	80.4	80.4	83.1	84.0	84.0	84.5	84.5	84.9	85.2
IN 100	20.6	45.0	51.9	63.2	70.2	73.9	78.9	82.3	82.3	84.9	85.9	85.9	86.6	86.6	87.0	87.2
IN 90	20.6	45.0	51.9	63.2	70.2	74.1	79.0	82.5	82.5	85.2	86.2	86.2	87.0	87.0	87.4	87.6
IN 80	20.6	45.3	52.2	64.2	71.4	75.4	80.6	84.1	84.1	86.8	87.8	87.8	88.6	88.6	89.0	89.2
IN 70	20.8	45.8	53.0	65.1	72.4	76.5	81.7	85.2	85.2	88.0	89.0	89.0	89.8	89.8	90.2	90.5
IN 60	20.8	46.0	53.1	65.6	73.4	77.6	83.1	86.6	86.6	89.4	90.3	90.3	91.1	91.1	91.5	91.8
IN 50	21.0	46.2	53.8	66.9	75.1	79.4	85.1	88.6	88.6	91.7	92.6	92.6	93.4	93.4	93.8	94.1
IN 40	21.0	46.4	53.9	67.2	75.5	80.0	85.9	89.7	89.7	93.0	94.1	94.1	95.0	95.0	95.4	95.7
IN 30	21.0	46.4	53.9	67.3	75.8	80.5	86.6	90.6	90.6	94.2	95.4	95.4	96.6	96.6	97.0	97.3
IN 20	21.0	46.4	53.9	67.3	75.8	80.5	86.6	90.6	90.6	94.4	95.7	95.7	97.0	97.0	97.6	97.8
IN 10	21.0	46.4	53.9	67.3	75.8	80.5	86.6	90.6	90.6	94.4	96.0	96.0	97.6	97.6	98.7	99.2
IN 0	21.0	46.4	53.9	67.3	75.8	80.5	86.6	90.6	90.6	94.4	96.0	96.0	97.6	97.6	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
 STATION

ATLANTIC CITY NJ
 STATION NAME

73-80
 YEARS

AUG
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING	16.8	39.0	46.5	51.6	53.8	54.0	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 2000	19.1	43.5	51.5	57.3	59.5	59.8	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 1800	19.1	43.5	51.5	57.3	59.5	59.8	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 1600	19.1	43.7	51.6	57.4	59.7	59.9	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 1400	19.1	44.2	52.2	57.9	60.2	60.5	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 1200	19.9	46.4	54.4	60.2	62.5	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 1000	20.2	47.7	56.0	62.2	64.9	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 900	20.2	48.1	56.5	62.6	65.3	65.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 800	20.8	49.7	58.3	65.2	67.9	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 700	21.4	50.3	59.7	65.9	68.5	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 6000	21.5	50.5	59.3	66.4	69.1	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 5000	21.5	51.2	60.1	67.2	69.9	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 4500	22.3	51.7	60.8	67.9	70.6	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 4000	23.0	52.6	61.4	69.4	72.3	72.7	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 3500	23.3	53.2	62.1	70.0	73.0	73.4	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 3000	24.5	54.8	63.8	72.2	75.4	75.8	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 2500	25.5	56.7	66.0	74.6	78.0	78.5	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 2000	26.6	59.9	69.5	78.2	81.6	82.1	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 1800	27.0	61.3	71.0	80.1	83.5	84.0	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1500	27.5	63.0	73.1	82.8	86.2	86.6	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 1200	27.8	64.2	74.9	85.1	88.7	89.4	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1000	28.1	65.7	76.6	87.0	91.1	92.2	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 900	28.1	66.3	77.4	88.0	92.3	93.5	94.2	94.8	94.8	94.9	95.2	95.2	95.2	95.2	95.2	95.2
≥ 800	28.2	66.9	78.1	88.8	93.3	94.5	95.2	95.7	95.7	95.8	96.1	96.1	96.1	96.1	96.1	96.1
≥ 700	28.2	67.1	78.2	89.2	93.8	95.0	95.8	96.4	96.4	96.5	96.8	96.8	96.8	96.8	96.8	96.8
≥ 600	28.2	67.6	78.9	90.2	94.9	96.1	96.9	97.6	97.6	97.8	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	28.2	67.8	79.0	90.5	95.2	96.5	97.3	98.1	98.1	98.4	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	28.2	67.8	79.0	90.6	95.4	96.9	97.8	98.7	98.7	98.9	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	28.2	67.9	79.3	91.0	95.8	97.4	98.4	99.2	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	28.2	67.9	79.3	91.0	95.8	97.4	98.4	99.2	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	28.2	67.9	79.3	91.0	95.8	97.4	98.4	99.2	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	28.2	67.9	79.3	91.0	95.8	97.4	98.4	99.2	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

92730
STATION

ATLANTIC CITY NJ
STATION NAME

73-80
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

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	≥ 1/2	≥ 1/4	≥ 1/8	≥ 0
NO CEILING	20.8	41.2	45.8	50.3	51.5	51.5	51.5	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
IV 20000	23.6	48.7	53.9	59.0	60.2	60.2	60.2	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
IV 18000	23.6	48.7	53.9	59.0	60.2	60.2	60.2	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
IV 16000	23.6	48.7	53.9	59.0	60.2	60.2	60.2	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
IV 14000	23.6	49.1	54.3	59.4	60.6	60.6	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
IV 12000	23.9	50.0	55.3	60.4	61.6	61.6	61.6	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
IV 10000	24.5	52.3	57.8	63.2	64.4	64.4	64.4	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
IV 9000	24.8	53.0	58.5	63.9	65.1	65.1	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 8000	25.1	53.8	59.7	65.1	66.3	66.3	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
IV 7000	25.9	54.6	60.5	65.9	67.1	67.1	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
IV 6000	26.3	55.0	60.9	66.4	67.7	67.7	67.7	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
IV 5000	26.8	55.7	61.6	67.3	68.5	68.5	68.5	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
IV 4500	28.0	57.5	63.9	69.7	70.9	70.9	70.9	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
IV 4000	28.8	59.7	67.1	73.0	74.3	74.3	74.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 3500	29.5	61.5	69.5	76.0	77.2	77.2	77.2	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 3000	29.9	63.1	72.1	79.1	80.3	80.3	80.3	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 2500	30.9	65.2	75.5	82.6	84.2	84.2	84.2	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 2000	31.4	67.9	79.4	87.1	88.7	88.8	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 1800	32.1	68.9	80.9	88.7	90.3	90.4	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 1500	32.7	70.1	82.3	90.4	92.0	92.5	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 1200	32.7	77.6	83.0	91.1	92.7	93.1	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 1000	32.7	71.7	84.6	92.7	94.7	95.3	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 900	32.9	72.2	85.2	93.4	95.6	96.1	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 800	33.0	72.4	85.3	93.9	96.1	96.6	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 700	33.0	72.5	85.6	94.3	96.5	97.0	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 600	33.0	72.9	86.7	94.7	97.0	97.7	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 500	33.2	73.0	86.3	95.1	97.4	98.2	98.4	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 400	33.2	73.0	86.4	95.3	97.6	98.5	98.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	33.2	73.0	86.4	95.3	97.6	98.5	98.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	33.2	73.0	86.4	95.3	97.6	98.5	98.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	33.2	73.0	86.4	95.3	97.6	98.5	98.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	33.2	73.0	86.4	95.3	97.6	98.5	98.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 742

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
 STATION

ATLANTIC CITY NJ
 STATION NAME

73-80
 YEARS

AUG
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING ≥ 20000	22.1	42.4	48.3	51.7	52.5	52.9	52.9	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
IV 18000 16000	25.7	50.3	58.0	61.9	63.0	63.4	63.4	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
IV 14000 12000	25.7	50.9	58.8	62.7	63.8	64.2	64.2	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
IV 10000 9500	27.1	54.5	63.3	67.3	68.8	69.2	69.2	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
IV 8000 7000	28.0	57.2	66.2	70.4	72.3	72.7	72.7	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 6000 5000	28.9	58.1	67.2	71.3	73.2	73.6	73.6	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
IV 4500 4000	29.9	60.2	69.3	73.8	75.6	76.0	76.0	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
IV 3500 3000	30.1	61.5	71.9	77.1	79.1	79.7	79.7	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IV 2500 2000	31.4	64.7	75.8	81.6	84.3	84.8	84.9	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 1800 1500	32.2	67.8	79.5	85.6	88.7	89.4	89.5	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 1200 1000	32.3	70.0	83.0	89.4	93.3	93.9	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 900 800	32.3	71.2	84.3	91.4	95.8	96.5	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 700 600	32.3	71.3	84.4	91.5	96.2	96.9	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 500 400	32.3	72.3	85.5	93.0	97.8	98.5	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 300 200	32.3	72.3	85.5	93.0	97.8	98.7	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 100 0	32.3	72.3	85.5	93.0	97.8	98.7	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733
 STATION

ATLANTIC CITY NJ
 STATION NAME

73-80
 YEARS

AUG
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1300-2000
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅓	≥¼	≥0	
NO CEILING ≥ 20000	23.4	41.0	46.8	52.2	53.2	54.1	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
IV 18000 IV 16000	26.8	48.0	55.3	61.9	63.3	64.2	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IV 14000 IV 12000	26.8	48.3	56.0	62.6	63.9	64.9	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
IV 10000 IV 9000	28.4	53.0	61.6	68.4	69.9	71.2	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
IV 8000 IV 7000	29.9	56.4	65.5	72.4	74.3	75.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 6000 IV 5000	29.9	56.7	66.1	72.9	74.8	76.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
IV 4500 IV 4000	30.0	58.7	68.2	75.1	77.4	78.9	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV 3500 IV 3000	30.4	60.0	69.7	77.1	79.5	81.2	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
IV 2500 IV 2000	31.4	62.6	72.5	80.6	83.0	84.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 800 IV 1500	31.4	63.1	73.4	82.1	84.8	86.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 1200 IV 1000	31.5	64.7	75.6	84.9	88.0	90.0	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8
IV 900 IV 800	31.5	65.1	77.1	87.2	90.3	92.3	94.2	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6
IV 700 IV 600	31.5	65.7	77.9	88.8	92.1	94.1	96.0	96.2	96.2	96.5	96.5	96.5	96.6	96.6	96.6	96.6
IV 500 IV 400	31.5	66.4	78.7	89.9	93.1	95.2	97.6	98.1	98.1	98.9	99.1	99.1	99.2	99.2	99.2	99.2
IV 300 IV 200	31.5	66.6	79.0	90.2	93.5	95.6	98.0	98.5	98.5	99.3	99.7	99.7	99.9	99.9	99.9	99.9
IV 100 IV 0	31.5	66.6	79.0	90.2	93.5	95.6	98.0	98.5	98.5	99.3	99.7	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	24.2	43.3	48.6	54.1	56.0	57.7	59.0	59.2	59.2	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 2000	26.1	47.4	54.1	60.4	62.6	64.3	65.7	65.9	65.9	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 1800	26.1	47.4	54.1	60.4	62.6	64.3	65.7	65.9	65.9	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 1600	26.1	47.4	54.1	60.4	62.6	64.3	65.7	65.9	65.9	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 1400	26.1	47.8	54.5	61.0	63.1	64.9	66.2	66.5	66.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 1200	26.6	48.7	55.5	61.9	64.2	65.9	67.3	67.6	67.6	67.9	67.8	67.8	67.8	67.8	67.8	67.8
≥ 1000	27.9	51.8	58.8	65.4	67.7	69.4	70.8	71.1	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 900	28.1	52.2	59.2	65.8	68.1	69.9	71.2	71.5	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 800	29.1	54.8	62.0	68.6	71.1	72.8	74.2	74.4	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 700	29.6	55.7	63.0	69.6	72.0	73.8	75.1	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 600	29.6	56.1	63.5	70.3	72.7	74.4	75.8	76.0	76.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 500	30.6	58.0	65.5	72.3	74.8	76.6	77.9	78.2	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 450	31.2	59.9	67.6	74.3	76.9	78.6	79.9	80.2	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 400	32.3	61.6	69.7	76.4	79.3	81.0	82.4	82.6	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 350	32.6	62.2	70.4	77.1	79.9	81.7	83.0	83.3	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 300	33.1	63.4	71.7	78.6	81.4	83.3	84.7	84.9	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 250	33.5	63.9	72.3	79.1	82.0	83.8	85.2	85.7	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 200	33.5	64.5	72.9	80.6	83.7	85.6	86.9	87.5	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 180	33.5	64.5	72.9	80.6	83.7	85.6	87.1	87.6	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 150	33.5	64.7	73.8	81.8	85.1	87.1	88.7	89.2	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 120	33.5	64.9	74.0	82.1	85.3	87.3	89.0	89.5	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 100	33.8	65.9	75.2	83.8	87.1	89.1	90.7	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 90	33.9	66.2	75.5	84.1	87.3	89.4	91.0	91.5	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 80	34.1	66.4	75.8	84.5	87.8	90.2	91.8	92.5	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 70	34.2	66.8	76.2	85.2	89.0	91.4	93.1	93.8	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 60	34.2	66.8	76.2	85.5	89.2	91.8	93.5	94.2	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 50	34.3	67.4	76.9	86.5	90.4	93.3	95.3	96.1	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 40	34.3	68.0	77.7	87.5	91.4	94.3	96.8	97.8	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 30	34.3	68.1	77.8	87.8	91.8	94.8	97.6	98.9	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 20	34.3	68.1	77.8	87.9	91.9	95.0	97.8	99.2	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 10	34.3	68.1	77.8	87.9	91.9	95.0	98.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	34.3	68.1	77.8	87.9	91.9	95.0	98.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

9373C
 STATION

ATLANTIC CITY NJ
 STATION NAME

73-80
 YEARS

AUG
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	≥½	≥3/16	¼	≥0
NO CEILING	19.9	38.1	43.4	48.2	50.4	51.4	52.5	53.0	53.0	53.4	53.5	53.5	53.8	53.8	54.0	54.1
≥ 20000	22.5	43.8	50.2	55.8	58.4	59.5	60.7	61.2	61.2	61.7	61.8	61.8	62.2	62.2	62.4	62.4
≥ 18000	22.5	43.8	50.2	55.8	58.4	59.5	60.7	61.2	61.2	61.7	61.8	61.8	62.2	62.2	62.4	62.4
≥ 6000	22.5	43.8	50.2	55.8	58.5	59.5	60.8	61.2	61.2	61.7	61.9	61.9	62.2	62.2	62.4	62.5
≥ 4000	22.6	44.2	50.7	56.4	59.0	60.1	61.3	61.8	61.8	62.3	62.4	62.4	62.7	62.7	62.9	63.0
≥ 2000	23.2	45.7	52.3	58.1	60.8	61.9	63.2	63.6	63.6	64.1	64.3	64.3	64.6	64.6	64.8	64.9
≥ 10000	24.1	48.1	55.1	61.1	64.0	65.2	66.4	66.9	66.9	67.5	67.6	67.6	67.9	67.9	68.1	68.2
≥ 9000	24.4	48.7	55.7	61.8	64.7	65.9	67.1	67.6	67.6	68.2	68.3	68.3	68.6	68.6	68.8	68.9
≥ 8000	25.2	50.7	58.1	64.6	67.7	68.9	70.2	70.7	70.7	71.3	71.4	71.4	71.8	71.8	72.0	72.1
≥ 7000	25.7	51.4	58.7	65.3	68.4	69.6	70.9	71.5	71.5	72.1	72.2	72.2	72.6	72.6	72.7	72.8
≥ 6000	25.8	51.5	58.9	65.5	68.6	69.9	71.2	71.8	71.8	72.4	72.5	72.5	72.9	72.9	73.1	73.1
≥ 5000	26.4	52.6	60.1	66.8	70.0	71.3	72.6	73.2	73.2	73.8	74.0	74.0	74.3	74.3	74.5	74.6
≥ 4500	27.1	53.9	61.5	68.3	71.5	72.8	74.2	74.8	74.8	75.4	75.6	75.6	75.9	75.9	76.1	76.2
≥ 4000	27.7	55.2	63.1	70.3	73.7	75.0	76.4	77.0	77.0	77.6	77.8	77.8	78.1	78.1	78.3	78.4
≥ 3500	28.0	56.0	64.1	71.4	74.8	76.1	77.6	78.3	78.3	78.8	79.0	79.0	79.3	79.3	79.5	79.6
≥ 3000	28.7	57.3	65.7	73.2	76.7	78.0	79.5	80.2	80.2	80.8	80.9	80.9	81.3	81.3	81.5	81.6
≥ 2500	29.3	58.6	67.1	74.8	78.4	79.8	81.3	82.1	82.1	82.7	82.8	82.8	83.2	83.2	83.3	83.4
≥ 2000	29.9	60.2	69.1	77.3	81.0	82.4	83.9	84.7	84.7	85.3	85.4	85.4	85.8	85.8	86.0	86.0
≥ 1800	30.1	60.8	69.9	78.1	81.8	83.3	84.8	85.6	85.6	86.2	86.3	86.3	86.7	86.7	86.9	86.9
≥ 1500	30.4	61.8	71.1	79.6	83.5	85.0	86.7	87.5	87.5	88.1	88.2	88.2	88.6	88.6	88.8	88.9
≥ 1200	30.4	62.2	71.9	80.4	84.4	86.0	87.7	88.5	88.5	89.2	89.3	89.3	89.7	89.7	89.9	89.9
≥ 1000	30.5	63.1	72.9	81.7	86.0	87.6	89.5	90.4	90.4	91.0	91.2	91.2	91.6	91.6	91.8	91.9
≥ 900	30.5	63.3	73.3	82.3	86.5	88.2	90.1	91.0	91.0	91.7	91.9	91.9	92.3	92.3	92.6	92.6
≥ 800	30.6	63.6	73.6	82.8	87.2	89.0	90.9	91.9	91.9	92.6	92.8	92.8	93.2	93.2	93.4	93.5
≥ 700	30.6	64.0	74.1	83.5	88.1	89.9	91.8	92.8	92.8	93.5	93.7	93.7	94.2	94.2	94.4	94.5
≥ 600	30.6	64.5	74.5	84.2	88.9	90.8	92.8	93.8	93.8	94.6	94.8	94.8	95.2	95.2	95.4	95.5
≥ 500	30.7	64.7	74.9	84.9	89.6	91.6	93.8	95.0	95.0	95.9	96.1	96.1	96.6	96.6	96.8	96.8
≥ 400	30.7	64.9	75.2	85.3	90.1	92.1	94.4	95.7	95.7	96.7	97.0	97.0	97.5	97.5	97.7	97.8
≥ 300	30.7	65.0	75.3	85.5	90.3	92.5	94.9	96.3	96.3	97.4	97.7	97.7	98.2	98.2	98.5	98.5
≥ 200	30.7	65.0	75.3	85.5	90.4	92.5	95.0	96.5	96.5	97.6	97.9	97.9	98.7	98.7	98.9	99.0
≥ 100	30.7	65.0	75.3	85.5	90.4	92.5	95.0	96.5	96.5	97.6	98.0	98.0	98.9	98.9	99.3	99.5
≥ 0	30.7	65.0	75.3	85.5	90.4	92.5	95.0	96.5	96.5	97.6	98.0	98.0	98.9	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 5947

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
 STATION

ATLANTIC CITY NJ
 STATION NAME

73-80
 YEARS

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

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/10	≥0		
NO CEILING ≥ 2000	34.2	46.5	49.4	51.4	52.4	52.9	53.5	54.2	54.2	54.2	54.2	54.2	54.2	54.3	54.3	55.0	55.3
IV 18000 16000	37.1	50.8	53.8	55.7	56.9	57.5	58.1	59.6	59.6	59.6	59.6	59.6	59.6	59.7	59.7	60.4	60.7
IV 14000 12000	37.1	50.8	53.8	55.7	56.9	57.5	58.1	59.6	59.6	59.6	59.6	59.6	59.6	59.7	59.7	60.4	60.7
IV 10000 9000	37.9	51.7	55.0	56.9	58.2	58.8	59.3	60.8	60.8	60.8	60.8	60.8	60.8	61.0	61.0	61.7	61.9
IV 8000 7000	40.0	54.6	58.5	60.8	62.1	62.6	63.2	64.7	64.7	64.7	64.7	64.7	64.7	64.9	64.9	65.7	66.0
IV 6000 5000	40.2	55.0	58.9	61.3	62.5	63.1	63.6	65.1	65.1	65.1	65.1	65.1	65.1	65.3	65.3	66.1	66.5
IV 4500 4000	42.5	58.6	62.5	64.9	66.1	66.7	67.2	68.8	68.8	68.8	68.8	68.8	68.8	68.9	68.9	69.7	70.1
IV 3500 3000	43.2	59.4	63.3	65.7	66.9	67.5	68.1	69.6	69.6	69.6	69.6	69.6	69.6	69.7	69.7	70.6	71.1
IV 2500 2000	43.5	60.0	63.9	66.3	67.5	68.1	68.6	70.1	70.1	70.1	70.1	70.1	70.1	70.3	70.3	71.1	71.7
IV 1800 1500	44.7	61.8	65.8	68.3	69.6	70.1	70.7	72.2	72.2	72.2	72.2	72.2	72.2	72.4	72.4	73.2	73.8
IV 1200 1000	46.7	64.4	68.5	71.3	72.6	73.2	73.8	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.4	76.3	76.8
IV 900 800	47.9	66.3	70.4	73.2	74.6	75.1	75.7	77.2	77.2	77.2	77.2	77.2	77.2	77.4	77.4	78.2	78.8
IV 700 600	48.9	67.4	71.9	74.7	76.1	76.7	77.2	78.8	78.8	78.8	78.8	78.8	78.8	78.9	78.9	79.7	80.3
IV 500 400	49.7	68.6	73.3	76.2	77.6	78.2	78.8	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4	81.3	81.8
IV 300 200	51.0	70.6	75.4	78.3	79.9	80.4	81.0	82.5	82.5	82.5	82.5	82.5	82.5	82.6	82.6	83.5	84.0
IV 100 0	51.5	71.9	76.8	79.7	81.4	81.9	82.5	84.0	84.0	84.0	84.0	84.0	84.0	84.2	84.2	85.0	85.6
	51.5	72.4	77.2	80.1	81.8	82.4	82.9	84.4	84.4	84.4	84.4	84.4	84.4	84.6	84.6	85.4	86.0
	51.9	72.9	77.8	80.8	82.5	83.1	83.6	85.1	85.1	85.1	85.1	85.1	85.1	85.3	85.3	86.1	86.7
	52.1	73.2	78.2	81.4	83.2	83.8	84.3	85.8	85.8	85.8	85.8	85.8	85.8	86.0	86.0	86.8	87.4
	52.1	73.8	79.0	82.2	84.0	84.6	85.1	86.7	86.7	86.7	86.7	86.7	86.7	86.8	86.8	87.6	88.2
	52.2	74.2	79.4	82.8	84.9	85.8	86.4	87.9	87.9	87.9	87.9	87.9	87.9	88.1	88.1	88.9	89.4
	52.5	74.4	80.0	83.3	85.4	86.4	86.9	88.6	88.6	88.6	88.6	88.6	88.6	88.8	88.8	89.6	90.1
	52.5	75.0	80.7	84.3	86.4	87.4	87.9	89.6	89.6	89.6	89.6	89.6	89.6	89.7	89.7	90.6	91.1
	52.5	75.6	81.4	85.1	87.2	88.2	88.9	90.6	90.6	90.6	90.6	90.6	90.6	90.7	90.7	91.7	92.2
	52.9	77.1	82.9	86.9	89.2	90.3	91.4	93.1	93.1	93.1	93.1	93.1	93.1	93.2	93.2	94.2	94.7
	52.9	77.5	83.3	87.4	89.6	90.7	91.9	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9	94.9	95.4
	52.9	77.5	83.5	87.6	90.1	91.3	92.5	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.4	95.4	96.0
	52.9	77.6	83.8	88.1	90.8	91.9	93.9	95.8	95.8	95.8	95.8	95.8	95.8	96.1	96.1	97.1	97.8
	52.9	77.6	83.8	88.2	91.0	92.1	94.2	96.1	96.1	96.1	96.1	96.1	96.1	96.3	96.3	96.9	98.8
	52.9	77.6	83.8	88.2	91.0	92.1	94.2	96.1	96.1	96.1	96.1	96.1	96.1	96.3	96.3	97.1	98.2

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
 STATION

ATLANTIC CITY NJ
 STATION NAME

73-80
 YEARS

SEP
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¼	≥0
NO CEILING	33.3	41.3	44.9	49.2	51.4	51.5	52.9	53.8	53.8	54.2	54.6	54.6	55.4	55.4	55.7	55.7
≥ 20000	35.7	44.2	47.8	52.1	54.3	54.4	55.8	57.5	57.5	57.9	58.3	58.3	59.2	59.2	59.4	59.4
IV 18000	35.7	44.2	47.8	52.1	54.3	54.4	55.8	57.5	57.5	57.9	58.3	58.3	59.2	59.2	59.4	59.4
IV 16000	35.7	44.2	47.8	52.1	54.3	54.4	55.8	57.5	57.5	57.9	58.3	58.3	59.2	59.2	59.4	59.4
IV 14000	35.7	44.2	47.8	52.1	54.3	54.4	55.8	57.5	57.5	57.9	58.3	58.3	59.2	59.2	59.4	59.4
IV 12000	36.5	45.1	48.8	53.1	55.3	55.4	56.8	58.5	58.5	58.9	59.3	59.3	60.1	60.1	60.4	60.4
IV 10000	39.2	48.1	52.1	57.5	59.7	59.9	61.4	63.1	63.1	63.5	63.9	63.9	64.7	64.7	65.0	65.0
IV 9000	39.9	49.0	53.1	58.5	60.7	60.8	62.4	64.0	64.0	64.4	64.9	64.9	65.7	65.7	66.0	66.4
IV 8000	40.7	50.6	54.7	60.1	63.1	63.2	64.7	66.5	66.5	66.9	67.4	67.4	68.2	68.2	68.5	68.9
IV 7000	41.5	51.5	55.7	61.5	64.4	64.6	66.1	67.9	67.9	68.3	68.8	68.8	69.6	69.6	69.9	70.3
IV 6000	41.8	52.1	56.3	62.1	65.0	65.1	66.7	68.5	68.5	68.9	69.3	69.3	70.1	70.1	70.4	70.8
IV 5000	43.5	53.9	58.1	63.9	66.8	66.9	68.5	70.3	70.3	70.7	71.1	71.1	71.9	71.9	72.2	72.6
IV 4500	44.6	55.4	59.7	65.7	68.6	68.8	70.3	72.2	72.2	72.6	73.1	73.1	73.9	73.9	74.2	74.6
IV 4000	45.8	57.2	61.5	67.8	70.7	70.8	72.4	74.3	74.3	74.7	75.1	75.1	76.0	76.0	76.3	76.7
IV 3500	46.0	57.6	61.9	68.2	71.1	71.3	72.9	74.9	74.9	75.3	75.7	75.7	76.5	76.5	76.8	77.2
IV 3000	46.8	59.3	63.8	70.0	73.1	73.2	74.9	76.8	76.8	77.2	77.6	77.6	78.5	78.5	78.8	79.2
IV 2500	48.1	61.4	66.1	72.8	75.8	76.0	77.6	79.6	79.6	80.0	80.4	80.4	81.3	81.3	81.5	81.9
IV 2000	48.6	62.1	66.8	73.5	76.5	76.7	78.3	80.3	80.3	80.7	81.1	81.1	81.9	81.9	82.2	82.6
IV 1800	48.8	62.2	66.9	73.9	76.9	77.1	78.8	80.7	80.7	81.3	81.7	81.7	82.5	82.5	82.8	83.2
IV 1500	48.8	63.2	67.9	74.9	77.9	78.1	79.7	81.7	81.7	82.2	82.6	82.6	83.5	83.5	83.8	84.2
IV 1200	49.7	64.3	69.4	76.5	79.6	79.7	81.4	83.3	83.3	83.9	84.3	84.3	85.1	85.1	85.4	85.8
IV 1000	49.7	64.6	69.9	77.4	80.7	81.3	82.9	85.0	85.0	85.6	86.0	86.0	86.8	86.8	87.1	87.5
IV 900	49.9	65.1	70.4	77.9	81.7	82.2	83.9	86.0	86.0	86.5	86.9	86.9	87.8	87.8	88.1	88.5
IV 800	49.9	65.7	71.0	78.5	82.2	82.8	84.4	86.7	86.7	87.2	87.6	87.6	88.5	88.5	88.8	89.2
IV 700	49.9	66.5	71.9	79.4	83.5	84.0	85.7	87.9	87.9	88.5	88.9	88.9	89.9	89.9	90.1	90.6
IV 600	49.9	67.1	72.5	80.0	84.0	84.6	86.4	88.6	88.6	89.2	89.6	89.6	90.6	90.6	90.8	91.3
IV 500	49.9	67.5	72.9	81.0	85.4	86.0	87.8	90.7	90.7	91.4	91.8	91.8	92.8	92.8	93.1	93.5
IV 400	49.9	68.1	73.9	82.1	86.5	87.1	88.9	92.1	92.1	92.8	93.2	93.2	94.2	94.2	94.4	94.9
IV 300	49.9	68.2	74.2	82.8	88.1	88.8	90.8	94.0	94.0	94.7	95.1	95.1	96.1	96.1	96.4	96.8
IV 200	49.9	68.2	74.6	83.2	88.6	89.3	91.7	95.0	95.0	96.0	96.4	96.4	97.6	97.6	97.9	98.3
IV 100	49.9	68.2	74.6	83.2	88.6	89.3	91.7	95.0	95.0	96.0	96.4	96.4	97.6	97.6	98.1	98.6
IV 0	49.9	68.2	74.6	83.2	88.6	89.3	91.7	95.1	95.1	96.1	96.5	96.5	97.8	97.8	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
 STATION

ATLANTIC CITY NJ
 STATION NAME

73-80
 YEARS

SEP
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING ≥ 20000	23.6	35.9	38.4	41.6	43.5	44.9	46.7	47.6	47.7	48.5	49.0	49.0	49.2	49.2	49.5	50.5
IV 18000 IV 16000	25.2	39.2	42.1	46.0	48.4	50.1	52.0	53.1	53.3	54.1	54.5	54.5	54.8	54.8	55.2	56.2
IV 14000 IV 12000	25.2	39.2	42.1	46.0	48.4	50.1	52.0	53.1	53.3	54.1	54.5	54.5	54.8	54.8	55.2	56.2
IV 10000 IV 9000	25.3	39.5	42.4	46.3	48.7	50.3	52.3	53.4	53.5	54.4	54.8	54.8	55.1	55.1	55.5	56.5
IV 8000 IV 7000	26.1	40.5	43.9	48.0	50.5	52.2	54.2	55.8	55.9	56.7	57.2	57.2	57.4	57.4	57.9	59.0
IV 6000 IV 5000	27.1	42.3	45.9	50.6	53.4	55.4	57.6	59.4	59.5	60.4	60.9	60.9	61.2	61.2	61.8	62.9
IV 4500 IV 4000	28.2	43.5	47.1	52.0	54.8	56.7	59.0	60.8	60.9	61.8	62.3	62.3	62.6	62.6	63.1	64.4
IV 3500 IV 3000	29.2	45.2	49.1	54.1	56.9	58.8	61.6	63.4	63.6	64.4	65.0	65.0	65.2	65.2	65.9	67.0
IV 2500 IV 2000	30.2	47.4	51.5	56.5	59.2	61.2	64.1	65.9	66.1	66.9	67.5	67.5	67.7	67.7	68.3	69.5
IV 1800 IV 1500	30.7	48.0	52.2	57.2	59.9	61.9	64.8	66.6	66.8	67.6	68.2	68.2	68.4	68.4	69.0	70.2
IV 1200 IV 1000	31.6	49.2	53.4	58.8	61.6	63.6	66.5	68.3	68.4	69.3	69.8	69.8	70.1	70.1	70.7	71.9
IV 900 IV 800	32.0	50.1	54.4	60.1	63.0	65.2	68.2	70.1	70.2	71.1	71.6	71.6	71.9	71.9	72.5	73.7
IV 700 IV 600	33.4	51.7	56.2	61.9	64.8	67.0	70.1	72.0	72.2	73.0	73.6	73.6	73.9	73.9	74.4	75.7
IV 500 IV 400	34.1	53.0	57.8	63.3	66.2	68.4	71.5	73.4	73.6	74.4	75.0	75.0	75.2	75.2	75.8	77.1
IV 300 IV 200	35.2	55.5	60.2	66.2	69.3	71.5	74.5	76.6	76.8	77.6	78.2	78.2	78.4	78.4	79.0	80.3
IV 100 0	35.6	57.0	61.8	67.9	70.9	73.2	76.4	78.4	78.6	79.4	80.0	80.0	80.3	80.3	80.8	82.1
	36.4	58.6	63.4	69.7	72.9	75.2	78.4	80.5	80.7	81.5	82.1	82.1	82.3	82.3	82.6	83.2
	36.4	58.7	63.6	69.8	73.0	75.5	78.7	80.8	80.9	81.8	82.3	82.3	82.6	82.6	83.2	84.4
	37.3	59.8	64.3	71.3	74.5	77.3	80.8	83.0	83.2	84.0	84.6	84.6	84.8	84.8	85.4	86.6
	37.4	60.5	65.9	72.9	76.2	79.1	82.6	84.8	85.0	85.8	86.4	86.4	86.6	86.6	87.2	88.5
	37.4	61.2	66.6	73.6	77.1	80.0	83.4	85.7	85.8	86.6	87.2	87.2	87.5	87.5	88.1	89.3
	37.4	61.2	66.6	73.6	77.1	80.0	83.6	85.8	86.0	86.8	87.3	87.3	87.6	87.6	88.2	89.4
	37.4	61.6	67.0	74.0	77.5	80.7	84.4	86.6	86.8	87.6	88.2	88.2	88.5	88.5	89.0	90.3
	37.4	61.6	67.3	74.1	77.7	80.9	84.7	86.9	87.1	87.9	88.5	88.5	88.7	88.7	89.3	90.5
	37.4	61.8	67.5	74.5	78.2	81.4	85.3	87.5	87.8	88.6	89.2	89.2	89.4	89.4	90.0	91.2
	37.4	62.3	68.3	75.5	79.4	83.2	87.2	89.7	90.0	91.2	91.8	91.8	92.2	92.2	92.8	94.0
	37.4	63.0	69.3	76.6	80.7	84.6	88.9	91.8	92.1	93.3	94.0	94.0	94.4	94.4	95.0	96.2
	37.4	63.1	69.5	77.3	81.4	85.4	90.1	93.0	93.3	94.9	95.5	95.5	96.0	96.0	96.5	97.8
	37.4	63.1	69.5	77.3	81.4	85.4	90.3	93.3	93.6	95.1	96.2	96.2	96.9	96.9	97.5	98.7
	37.4	63.1	69.5	77.3	81.4	85.4	90.3	93.3	93.6	95.1	96.4	96.4	97.1	97.1	97.9	99.4
	37.4	63.1	69.5	77.3	81.4	85.4	90.3	93.3	93.6	95.1	96.4	96.4	97.1	97.1	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 710

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
 STATION

ATLANTIC CITY NJ
 STATION NAME

73-80
 YEARS

SEP
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1950-1100
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	29.3	45.7	48.6	50.1	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 20000	32.6	50.6	53.5	55.1	55.4	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
IV 18000	32.6	50.6	53.5	55.1	55.4	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
IV 16000	32.6	50.6	53.5	55.1	55.4	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
IV 14000	32.8	51.0	53.9	55.6	55.8	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
IV 12000	33.6	52.4	55.4	57.4	57.6	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
IV 10000	34.4	54.0	57.2	59.6	59.9	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
IV 9000	35.3	55.1	58.3	60.7	61.0	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
IV 8000	36.7	57.2	60.8	63.5	63.8	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
IV 7000	36.9	57.8	61.4	64.0	64.3	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
IV 6000	37.1	58.1	61.7	64.3	64.6	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IV 5000	37.2	58.9	62.6	65.4	65.7	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
IV 4500	37.6	60.0	64.0	66.9	67.5	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
IV 4000	39.6	62.2	66.3	69.3	69.9	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
IV 3500	40.4	63.2	67.2	70.3	70.8	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 3000	42.1	65.7	69.7	73.2	73.9	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IV 2500	44.3	69.2	73.5	77.1	77.9	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IV 2000	45.4	71.1	75.6	79.2	80.0	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 1800	45.6	72.2	76.9	80.6	81.4	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 1500	46.9	75.4	80.4	84.2	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 1200	47.4	77.1	82.2	86.3	87.4	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 1000	47.6	79.0	84.4	88.6	89.9	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 900	47.6	79.3	84.9	89.3	90.7	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 800	47.6	79.9	85.6	90.1	91.5	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 700	47.6	80.6	86.9	91.7	93.1	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 600	47.6	81.3	87.8	92.6	94.2	95.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 500	47.6	82.2	88.9	93.9	95.8	96.8	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 400	47.6	82.4	88.9	94.0	96.4	97.4	97.9	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 300	47.6	82.4	88.9	94.0	96.4	97.6	98.2	98.6	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3
IV 200	47.6	82.4	88.9	94.0	96.4	97.6	98.2	98.6	98.6	99.0	99.3	99.3	99.3	99.3	99.3	99.3
IV 100	47.6	82.4	88.9	94.0	96.4	97.6	98.2	98.6	98.6	99.0	99.4	99.4	99.4	100.0	100.0	100.0
IV 0	47.6	82.4	88.9	94.0	96.4	97.6	98.2	98.6	98.6	99.0	99.4	99.4	99.4	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
 STATION

ATLANTIC CITY NJ
 STATION NAME

73-8F
 YEARS

SEP
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1700-1400
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	33.3	46.6	47.6	48.5	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 2000	38.7	52.9	54.4	55.7	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
IV 18000	38.7	52.9	54.4	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
IV 16000	38.7	52.9	54.4	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
IV 14000	38.7	52.9	54.4	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
IV 12000	39.4	54.1	55.3	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
IV 10000	41.4	57.3	59.0	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
IV 9000	41.6	57.6	59.2	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
IV 8000	41.7	58.1	60.1	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 7000	42.0	58.7	60.6	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 6000	42.1	59.0	60.9	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 5000	42.8	60.8	62.7	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
IV 4500	43.3	62.2	64.1	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.2	67.2	67.2	67.2	67.2	67.2
IV 4000	45.8	65.2	67.2	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.4	70.4	70.4	70.4	70.4	70.4
IV 3500	47.4	67.5	69.4	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6
IV 3000	49.9	72.3	74.7	77.9	78.2	78.2	78.2	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3
IV 2500	51.3	75.7	78.6	81.8	82.1	82.3	82.3	82.3	82.3	82.3	82.6	82.6	82.6	82.6	82.6	82.6
IV 2000	53.0	78.9	82.1	85.3	85.7	86.0	86.1	86.2	86.2	86.2	86.4	86.4	86.4	86.4	86.4	86.4
IV 1800	54.0	80.8	84.1	87.3	87.8	88.0	88.2	88.3	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5
IV 1500	55.2	83.2	86.8	90.0	90.7	91.0	91.2	91.5	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7
IV 1200	55.5	84.0	87.9	91.4	92.1	92.4	92.6	92.9	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 1000	55.5	85.0	88.9	92.4	93.2	93.5	93.7	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 900	55.5	85.0	88.9	92.5	93.3	93.6	93.9	94.3	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 800	55.6	85.7	89.6	93.3	94.3	94.7	95.0	95.4	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 700	55.6	86.1	90.4	94.4	95.4	95.8	96.2	96.7	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 600	55.6	86.1	90.4	94.4	95.3	96.0	96.5	96.9	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 500	55.6	86.2	90.5	94.7	96.0	96.5	97.2	97.8	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 400	55.6	86.2	90.5	94.9	96.4	96.9	97.6	98.2	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 300	55.6	86.2	90.5	95.0	96.7	97.5	98.2	99.0	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	55.6	86.2	90.5	95.0	96.7	97.5	98.2	99.0	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	55.6	86.2	90.5	95.0	96.7	97.5	98.2	99.0	99.2	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 0	55.6	86.2	90.5	95.0	96.7	97.5	98.2	99.0	99.2	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 71

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	38.4	53.8	53.0	54.8	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 2000	42.6	57.3	60.4	62.6	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 1800	42.6	57.3	60.4	62.6	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 1600	42.6	57.3	60.4	62.6	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 1400	42.6	57.3	60.4	62.6	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 1200	43.9	59.2	62.3	64.5	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 1000	45.9	63.3	66.3	68.7	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 900	46.2	64.3	67.5	70.0	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 800	46.6	65.5	68.7	71.2	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 700	46.6	66.2	69.5	72.0	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 600	47.3	66.9	70.2	72.7	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 500	48.5	69.3	73.0	75.5	76.1	76.1	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 450	49.5	71.6	75.5	78.2	78.7	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 400	49.8	72.5	76.5	79.3	79.8	79.8	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 350	51.3	74.3	78.3	81.1	81.6	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 300	51.9	76.2	80.4	83.2	83.7	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 250	52.3	77.2	81.6	84.4	85.0	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 200	54.0	79.8	84.6	87.6	88.2	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 180	54.4	80.9	85.7	88.7	89.3	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 150	55.4	82.8	87.5	90.5	91.1	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 120	55.6	83.6	88.7	92.2	92.8	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 100	55.9	84.7	89.8	93.5	94.0	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 90	55.9	85.0	90.1	93.9	94.4	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 80	56.1	85.4	90.5	94.3	94.9	95.0	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 70	56.1	85.5	90.7	94.4	95.0	95.3	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1
≥ 60	56.1	86.0	91.1	95.0	95.7	96.0	96.7	96.7	96.7	96.7	97.1	97.1	97.1	97.1	97.1	97.1
≥ 50	56.1	86.0	91.2	95.1	96.1	96.4	97.2	97.4	97.4	97.4	98.1	98.2	98.2	98.2	98.2	98.2
≥ 40	56.1	86.0	91.5	95.4	96.4	96.7	97.8	97.9	97.9	97.9	98.6	98.7	98.7	98.7	98.7	98.7
≥ 30	56.1	86.0	91.7	95.8	96.8	97.1	98.5	98.7	98.7	98.7	99.4	99.6	99.6	99.6	99.6	99.6
≥ 20	56.1	86.0	91.7	95.8	96.8	97.1	98.5	98.7	98.7	98.7	99.4	99.6	99.6	99.9	99.9	99.9
≥ 10	56.1	86.0	91.7	95.8	96.8	97.1	98.5	98.7	98.7	98.7	99.4	99.6	99.6	99.9	99.9	99.9
≥ 0	56.1	86.0	91.7	95.8	96.8	97.1	98.5	98.7	98.7	98.7	99.4	99.6	99.6	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 719

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
 STATION

ATLANTIC CITY NJ
 STATION NAME

73-80
 YEARS

SEP
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-2000
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥¾	≥5/16	≥¼	≥0
NO CEILING	36.8	50.6	52.4	53.8	55.1	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
IV 2000	40.7	56.9	59.3	61.4	63.1	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.9	63.9
IV 1800	40.7	56.9	59.3	61.4	63.1	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.9	63.9
IV 1600	40.7	56.9	59.3	61.4	63.1	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.9	63.9
IV 1400	40.7	57.1	59.4	61.5	63.2	63.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
IV 1200	40.8	57.2	59.6	61.9	63.6	64.0	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
IV 1000	42.2	59.6	62.4	65.0	66.8	67.2	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
IV 900	42.6	60.4	63.2	66.3	68.1	68.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 800	44.3	62.9	65.8	69.2	71.3	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
IV 700	44.6	64.3	67.6	71.0	73.1	73.5	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
IV 600	45.1	65.3	68.6	71.9	74.0	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 500	45.3	66.4	69.7	73.1	75.3	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
IV 450	46.7	68.5	71.9	75.3	77.5	77.9	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IV 400	47.2	70.1	73.6	76.9	79.3	79.7	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IV 350	48.3	71.4	75.1	78.3	80.7	81.1	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 300	48.6	72.2	75.8	79.2	81.5	81.9	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 250	49.7	74.3	78.1	81.5	83.9	84.3	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 200	50.6	76.1	80.0	83.9	86.3	86.8	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 180	50.8	76.8	80.7	84.6	86.9	87.5	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 150	51.1	77.4	81.5	85.4	87.8	88.3	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 120	51.5	78.1	82.2	86.3	88.6	89.3	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 1000	51.5	78.6	82.9	87.1	89.4	90.1	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 900	51.5	79.0	83.5	87.8	90.1	90.8	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 800	51.7	79.2	83.6	87.9	90.3	91.3	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 700	51.7	79.4	84.0	88.6	91.3	92.6	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.5	93.5	93.5
IV 600	51.7	79.6	84.4	89.2	92.1	93.5	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3
IV 500	51.9	80.6	85.6	90.3	93.5	95.0	95.6	95.8	95.8	96.0	96.0	96.0	96.0	96.1	96.1	96.3
IV 400	51.9	80.7	85.7	90.6	93.8	95.7	96.4	96.7	96.8	96.9	96.9	96.9	96.9	97.2	97.2	97.4
IV 300	51.9	80.8	85.8	90.8	94.0	96.0	96.8	97.2	97.4	97.6	97.6	97.6	97.6	97.9	97.9	98.1
IV 200	51.9	81.0	86.3	91.3	94.4	96.4	97.4	98.1	98.2	98.6	98.6	98.6	98.6	98.9	98.9	99.0
IV 100	51.9	81.3	86.5	91.5	94.7	96.7	97.6	98.3	98.5	98.9	98.9	98.9	98.9	99.4	99.4	99.6
IV 0	51.9	81.3	86.5	91.5	94.7	96.7	97.6	98.3	98.5	98.9	98.9	98.9	98.9	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

73-80

SEP

STATION

STATION NAME

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	36.9	52.1	54.7	56.7	58.2	58.5	58.5	58.6	58.6	59.0	59.2	59.2	59.2	59.2	59.4	59.4
IN 2000	41.0	57.6	60.7	62.8	64.7	65.0	65.1	65.3	65.3	65.7	65.8	65.8	65.8	65.8	66.1	66.1
IN 1800	41.0	57.6	60.7	62.8	64.7	65.0	65.1	65.3	65.3	65.7	65.8	65.8	65.8	65.8	66.1	66.1
IN 1600	41.0	57.6	60.7	62.8	64.7	65.0	65.1	65.3	65.3	65.7	65.8	65.8	65.8	65.8	66.1	66.1
IN 1400	41.0	57.6	60.7	62.8	64.7	65.0	65.1	65.3	65.3	65.7	65.8	65.8	65.8	65.8	66.1	66.1
IN 1200	41.5	58.6	61.7	63.8	65.7	66.0	66.1	66.3	66.3	66.7	66.8	66.8	66.8	66.8	67.1	67.1
IN 1000	42.2	60.1	63.3	65.6	67.6	67.9	68.1	68.2	68.2	68.6	68.8	68.8	68.8	68.8	69.0	69.0
IN 900	42.9	61.1	64.3	66.5	68.6	68.9	69.0	69.2	69.2	69.6	69.7	69.7	69.7	69.7	70.0	70.0
IN 800	43.8	63.1	66.3	68.5	70.6	70.8	71.0	71.1	71.1	71.5	71.7	71.7	71.7	71.7	71.9	71.9
IN 700	44.9	64.6	67.9	70.1	72.2	72.5	72.6	72.8	72.8	73.2	73.3	73.3	73.3	73.3	73.6	73.6
IN 600	45.0	64.7	68.1	70.3	72.4	72.6	72.8	72.9	72.9	73.3	73.5	73.5	73.5	73.5	73.8	73.8
IN 500	46.1	67.2	70.6	72.8	74.9	75.1	75.3	75.4	75.4	75.8	76.0	76.0	76.0	76.0	76.3	76.3
IN 450	47.5	68.9	72.5	74.7	77.2	77.5	77.8	77.9	77.9	78.3	78.5	78.5	78.5	78.5	78.8	78.8
IN 400	48.1	70.0	73.6	75.8	78.6	78.9	79.2	79.3	79.3	79.7	79.9	79.9	79.9	79.9	80.1	80.1
IN 350	48.9	70.8	74.7	77.1	79.9	80.1	80.4	80.6	80.6	81.0	81.1	81.1	81.1	81.1	81.4	81.4
IN 300	49.7	72.2	76.1	79.0	81.8	82.1	82.4	82.5	82.5	82.9	83.1	83.1	83.1	83.1	83.3	83.3
IN 250	50.4	73.3	77.4	80.7	83.5	83.9	84.2	84.3	84.3	84.7	84.9	84.9	84.9	84.9	85.1	85.1
IN 200	51.3	74.9	78.9	82.4	85.1	85.6	85.8	86.0	86.0	86.4	86.5	86.5	86.5	86.5	86.8	86.8
IN 1800	51.9	75.3	79.4	82.9	85.7	86.1	86.4	86.5	86.5	86.9	87.1	87.1	87.1	87.1	87.4	87.4
IN 1500	52.1	76.0	80.1	83.8	86.5	86.9	87.2	87.4	87.4	87.8	87.9	87.9	87.9	87.9	88.2	88.2
IN 1200	52.2	76.3	80.6	84.4	87.4	87.8	88.1	88.2	88.2	88.6	88.8	88.8	88.8	88.8	89.0	89.0
IN 1000	52.4	76.5	80.8	84.7	87.8	88.2	88.5	88.6	88.6	89.0	89.2	89.2	89.2	89.2	89.4	89.4
IN 900	52.9	77.1	81.4	85.3	88.5	88.9	89.2	89.3	89.3	89.7	89.9	89.9	89.9	89.9	90.1	90.1
IN 800	52.6	77.5	81.8	85.7	88.9	89.7	90.0	90.1	90.1	90.6	90.7	90.7	90.7	90.7	91.0	91.0
IN 700	52.8	78.3	82.9	87.1	90.3	91.1	91.5	91.7	91.7	92.1	92.2	92.2	92.2	92.2	92.5	92.5
IN 600	52.8	78.6	83.3	87.9	91.4	92.2	92.6	92.8	92.8	93.2	93.3	93.3	93.3	93.3	93.6	93.6
IN 500	52.9	79.2	83.9	88.6	92.1	92.9	93.5	93.6	93.6	94.0	94.2	94.2	94.2	94.2	94.4	94.4
IN 400	53.1	79.9	84.7	89.9	93.3	94.3	95.1	95.3	95.3	95.7	95.8	95.8	95.8	95.8	96.1	96.1
IN 300	53.2	80.0	84.9	90.0	93.6	94.9	96.0	96.5	96.5	96.9	97.1	97.1	97.1	97.1	97.5	97.5
IN 200	53.2	80.0	84.9	90.3	93.9	95.1	96.5	97.5	97.5	97.9	98.3	98.3	98.3	98.3	98.8	98.8
IN 100	53.2	80.1	85.0	90.4	94.0	95.3	96.7	97.6	97.6	98.2	98.6	98.6	98.6	98.6	98.9	98.9
IN 0	53.2	80.1	85.0	90.4	94.0	95.3	96.7	97.6	97.6	98.2	98.6	98.6	98.6	98.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
 STATION

ATLANTIC CITY NJ
 STATION NAME

73-80
 YEARS

SEP
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥4	≥0
NO CEILING	33.3	46.2	48.6	50.8	51.9	52.2	52.7	53.0	53.1	53.3	53.4	53.4	53.6	53.6	53.7	53.9
≥ 20000	36.7	51.2	54.0	56.5	57.7	58.2	58.7	59.2	59.3	59.5	59.6	59.6	59.8	59.8	60.0	60.1
IV 18000	36.7	51.2	54.0	56.5	57.7	58.2	58.7	59.2	59.3	59.5	59.6	59.6	59.8	59.8	60.0	60.1
IV 16000	36.7	51.2	54.0	56.5	57.7	58.2	58.7	59.2	59.3	59.5	59.6	59.6	59.8	59.8	60.0	60.1
IV 14000	36.7	51.4	54.2	56.6	57.9	58.3	58.9	59.4	59.4	59.6	59.8	59.8	59.9	59.9	60.1	60.3
IV 12000	37.4	52.4	55.3	57.9	59.2	59.7	60.2	60.8	60.9	61.1	61.2	61.2	61.4	61.4	61.6	61.7
IV 10000	39.0	54.9	58.1	61.1	62.5	63.0	63.6	64.2	64.2	64.4	64.6	64.6	64.7	64.7	65.0	65.2
IV 9000	39.6	55.8	59.0	62.1	63.5	63.9	64.5	65.2	65.2	65.4	65.5	65.5	65.7	65.7	65.9	66.2
IV 8000	40.7	57.7	61.0	64.2	65.7	66.2	66.9	67.5	67.6	67.8	67.9	67.9	68.1	68.1	68.3	68.6
IV 7000	41.3	58.7	62.2	65.5	67.0	67.5	68.1	68.8	68.8	69.0	69.2	69.2	69.3	69.3	69.6	69.8
IV 6000	41.6	59.2	62.7	66.0	67.5	68.0	68.7	69.3	69.3	69.6	69.7	69.7	69.8	69.8	70.1	70.4
IV 5000	42.5	60.9	64.5	67.9	69.4	69.9	70.6	71.3	71.3	71.5	71.7	71.7	71.8	71.8	72.1	72.3
IV 4500	43.5	62.6	66.3	69.9	71.5	72.1	72.8	73.5	73.5	73.7	73.9	73.9	74.0	74.0	74.3	74.6
IV 4000	44.7	64.4	68.2	71.8	73.5	74.0	74.8	75.5	75.5	75.7	75.9	75.9	76.0	76.0	76.3	76.5
IV 3500	45.7	65.6	69.5	73.1	74.9	75.4	76.2	76.9	76.9	77.1	77.2	77.2	77.4	77.4	77.6	77.9
IV 3000	46.7	67.6	71.8	75.6	77.4	77.9	78.7	79.4	79.4	79.6	79.8	79.8	79.9	79.9	80.2	80.5
IV 2500	47.8	69.6	74.0	78.1	79.9	80.4	81.2	82.0	82.0	82.2	82.4	82.4	82.5	82.5	82.8	83.0
IV 2000	48.8	71.7	76.0	80.1	82.0	82.6	83.4	84.2	84.2	84.4	84.6	84.6	84.7	84.7	85.0	85.3
IV 1800	49.1	72.4	76.8	81.0	82.9	83.5	84.3	85.1	85.1	85.3	85.5	85.5	85.6	85.6	85.9	86.1
IV 1500	49.8	73.8	78.3	82.6	84.5	85.2	86.1	86.9	86.9	87.1	87.3	87.3	87.4	87.4	87.7	88.0
IV 1200	50.2	74.6	79.4	83.9	85.9	86.6	87.5	88.3	88.3	88.6	88.7	88.7	88.9	88.9	89.1	89.4
IV 1000	50.3	75.4	80.3	84.9	87.0	87.8	88.7	89.5	89.5	89.8	89.9	89.9	90.1	90.1	90.3	90.6
IV 900	50.3	75.7	80.6	85.4	87.6	88.4	89.3	90.2	90.2	90.4	90.6	90.6	90.7	90.7	91.0	91.3
IV 800	50.4	76.2	81.1	85.9	88.1	89.1	90.1	91.0	91.0	91.2	91.4	91.4	91.5	91.5	91.8	92.0
IV 700	50.4	76.6	81.8	86.8	89.1	90.1	91.1	92.0	92.0	92.3	92.5	92.5	92.7	92.7	92.9	93.2
IV 600	50.4	77.0	82.3	87.4	89.8	90.8	92.0	92.8	92.8	93.2	93.3	93.3	93.5	93.5	93.8	94.1
IV 500	50.5	77.6	83.0	88.3	90.9	92.1	93.4	94.5	94.5	95.0	95.1	95.1	95.3	95.3	95.6	95.9
IV 400	50.6	78.0	83.5	88.8	91.6	92.9	94.3	95.5	95.5	96.1	96.2	96.2	96.5	96.5	96.7	97.0
IV 300	50.6	78.0	83.6	89.2	92.1	93.6	95.1	96.4	96.5	97.1	97.3	97.3	97.5	97.5	97.8	98.1
IV 200	50.6	78.1	83.8	89.4	92.4	93.8	95.6	97.0	97.1	97.7	98.0	98.0	98.4	98.4	98.7	99.0
IV 100	50.6	78.1	83.8	89.4	92.4	93.8	95.7	97.1	97.2	97.8	98.2	98.2	98.7	98.7	99.1	99.6
IV 0	50.6	78.1	83.8	89.4	92.4	93.8	95.7	97.1	97.2	97.8	98.2	98.2	98.7	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 5757

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
STATION

ATLANTIC CITY NJ
STATION NAME

73-80
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	44.0	53.4	55.7	56.2	56.7	56.7	56.7	56.7	56.7	56.9	57.1	57.1	57.3	57.3	57.8	59.5
≥ 20000	45.8	55.2	57.3	58.5	59.0	59.0	59.0	59.0	59.0	59.1	59.4	59.4	59.5	59.5	60.1	61.8
IV 18000	45.8	55.2	57.3	58.5	59.0	59.0	59.0	59.0	59.0	59.1	59.4	59.4	59.5	59.5	60.1	61.8
IV 16000	45.8	55.2	57.3	58.5	59.0	59.0	59.0	59.0	59.0	59.1	59.4	59.4	59.5	59.5	60.1	61.8
IV 14000	46.0	55.4	57.4	58.6	59.1	59.1	59.1	59.1	59.1	59.3	59.5	59.5	59.7	59.7	60.2	62.0
IV 12000	47.0	56.5	58.5	59.7	60.2	60.2	60.3	60.5	60.5	60.6	60.9	60.9	61.0	61.0	61.6	63.3
IV 10000	50.3	60.2	62.2	63.6	64.1	64.1	64.2	64.4	64.4	64.5	64.8	64.8	64.9	64.9	65.5	67.3
IV 9000	50.4	60.3	62.4	63.7	64.2	64.2	64.4	64.5	64.5	64.7	64.9	64.9	65.1	65.1	65.6	67.5
IV 8000	53.6	64.7	66.7	68.0	68.5	68.5	68.7	68.8	68.8	69.0	69.2	69.2	69.4	69.4	69.9	71.9
IV 7000	55.2	66.7	68.7	70.0	70.6	70.6	70.7	70.8	70.8	71.0	71.2	71.2	71.4	71.4	71.9	73.9
IV 6000	55.6	67.1	69.2	70.6	71.1	71.1	71.2	71.4	71.4	71.5	71.8	71.8	71.9	71.9	72.4	74.5
IV 5000	57.7	70.8	73.0	74.3	74.9	74.9	75.0	75.1	75.1	75.3	75.5	75.5	75.7	75.7	76.2	78.2
IV 4500	58.9	72.8	75.0	76.5	77.0	77.0	77.2	77.3	77.3	77.4	77.7	77.7	77.8	77.8	78.4	80.4
IV 4000	59.9	74.3	76.5	78.0	78.6	78.6	78.8	78.9	78.9	79.0	79.3	79.3	79.4	79.4	80.0	82.0
IV 3500	60.5	74.9	77.0	78.5	79.2	79.2	79.3	79.4	79.4	79.6	79.8	79.8	80.0	80.0	80.5	82.5
IV 3000	61.3	76.1	78.2	79.8	80.5	80.5	80.6	80.8	80.8	80.9	81.2	81.2	81.3	81.3	81.9	83.9
IV 2500	62.2	77.7	79.8	81.5	82.3	82.3	82.4	82.5	82.5	82.7	82.9	82.9	83.1	83.1	83.6	85.6
IV 2000	62.9	78.6	80.9	82.5	83.3	83.3	83.5	83.6	83.6	83.7	84.0	84.0	84.1	84.1	84.8	86.8
IV 1800	63.2	79.0	81.3	82.9	83.7	83.7	83.9	84.0	84.0	84.4	84.7	84.7	84.8	84.8	85.5	87.5
IV 1500	63.7	79.7	82.0	83.6	84.4	84.4	84.5	84.7	84.7	85.1	85.3	85.3	85.5	85.5	86.2	88.2
IV 1200	63.7	79.8	82.3	83.9	84.7	84.7	84.8	84.9	84.9	85.3	85.6	85.6	85.8	85.8	86.4	88.4
IV 1000	64.1	80.4	82.9	84.7	85.5	85.5	85.6	85.8	85.8	86.2	86.4	86.4	86.6	86.6	87.2	89.2
IV 900	64.1	80.6	83.2	85.1	86.0	86.0	86.2	86.3	86.3	86.7	87.0	87.0	87.1	87.1	87.8	89.8
IV 800	64.5	81.2	83.7	85.6	86.6	86.6	86.7	86.8	87.0	87.0	87.4	87.6	87.6	87.8	88.4	90.5
IV 700	64.7	82.0	84.5	86.6	87.8	87.9	88.2	88.3	88.3	88.7	89.0	89.0	89.1	89.1	89.8	91.8
IV 600	64.7	82.4	85.1	87.1	88.3	88.4	89.1	89.2	89.2	89.7	89.9	89.9	90.1	90.1	90.7	92.7
IV 500	64.7	83.1	85.8	88.2	89.5	89.5	90.6	91.0	91.0	91.4	91.7	91.7	91.8	91.8	92.5	94.5
IV 400	64.7	83.6	86.6	89.1	90.9	91.1	92.6	93.1	93.1	93.5	93.8	93.8	94.0	94.0	94.6	96.6
IV 300	64.7	83.7	86.8	89.5	91.5	91.8	93.4	94.0	94.0	94.4	94.6	94.6	94.9	94.9	95.7	97.7
IV 200	64.7	83.7	86.8	89.5	91.8	92.1	93.7	94.2	94.2	94.6	95.0	95.0	95.3	95.3	96.6	98.7
IV 100	64.7	83.7	86.8	89.5	91.8	92.1	93.7	94.2	94.2	94.9	95.3	95.3	95.6	95.6	97.2	99.2
IV 0	64.7	83.7	86.8	89.5	91.8	92.1	93.7	94.2	94.2	94.9	95.3	95.3	95.6	95.6	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
 STATION

ATLANTIC CITY NJ
 STATION NAME

73-80
 YEARS

OCT
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0	
NO CEILING	43.5	51.9	53.0	54.3	55.1	55.4	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.2	56.2	56.6	58.7
≥ 20000	45.9	54.6	55.6	57.3	58.1	58.5	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.3	59.3	59.7	61.6
IV 18000	45.9	54.6	55.6	57.3	58.1	58.5	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.3	59.3	59.7	61.8
IV 16000	45.9	54.6	55.6	57.3	58.1	58.5	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.3	59.3	59.7	61.8
IV 14000	46.0	54.7	55.8	57.4	58.2	58.6	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.4	59.4	59.8	62.0
IV 12000	47.0	55.8	56.9	58.5	59.3	59.7	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.5	60.5	60.9	63.0
IV 10000	49.1	58.3	59.5	61.3	62.1	62.5	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.3	63.3	63.7	65.9
IV 9000	49.5	58.7	59.9	61.7	62.5	62.9	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.7	63.7	64.1	66.3
IV 8000	51.3	61.0	62.6	64.4	65.2	65.6	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.4	66.4	66.8	69.0
IV 7000	52.6	62.5	64.1	65.9	66.7	67.1	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.9	67.9	68.3	70.4
IV 6000	52.8	63.6	65.2	66.9	67.7	68.1	68.7	68.7	68.7	68.7	68.7	68.7	68.7	69.0	69.0	69.4	71.5
IV 5000	54.0	65.7	67.5	69.2	70.0	70.4	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.2	71.2	71.6	73.8
IV 4500	55.8	69.0	70.7	72.4	73.4	73.8	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.6	74.6	75.0	77.2
IV 4000	56.6	70.8	72.6	74.3	75.4	75.8	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.6	76.6	77.0	79.2
IV 3500	57.1	71.6	73.4	75.1	76.3	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.6	77.6	78.0	80.1
IV 3000	57.8	73.0	74.7	76.6	77.8	78.2	78.8	78.8	78.8	78.8	78.8	78.8	78.8	79.2	79.2	79.5	81.7
IV 2500	58.9	74.7	76.5	78.5	79.7	80.1	80.6	80.6	80.6	80.6	80.6	80.6	80.6	81.0	81.0	81.5	83.6
IV 2000	59.9	75.9	77.7	79.7	80.9	81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.3	82.3	82.7	84.8
IV 1800	59.9	76.1	77.8	80.0	81.2	81.6	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.7	82.7	83.1	85.2
IV 1500	60.1	76.6	78.5	80.6	81.9	82.3	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.3	83.3	83.7	86.2
IV 1200	60.3	77.2	79.2	81.5	82.7	83.1	83.7	83.7	83.7	83.7	83.7	83.7	83.7	84.1	84.1	84.5	87.3
IV 1000	60.5	77.7	79.7	82.3	83.7	84.1	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.3	85.3	85.8	88.2
IV 900	60.5	78.5	80.6	83.3	84.8	85.2	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.4	86.4	86.8	89.4
IV 800	60.5	78.5	80.6	83.3	84.8	85.3	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.6	86.6	87.0	89.5
IV 700	60.6	79.0	81.6	84.3	85.8	86.3	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.5	87.5	87.9	90.5
IV 600	60.9	79.4	82.3	85.2	86.8	87.4	88.7	88.8	88.8	88.8	88.8	88.8	88.8	89.2	89.2	89.7	92.2
IV 500	61.0	79.8	82.8	85.8	87.5	88.0	89.4	89.7	89.7	89.7	89.7	89.7	89.7	90.1	90.1	90.5	93.0
IV 400	61.0	80.0	82.9	86.0	87.9	88.4	89.8	91.0	91.0	91.0	91.0	91.0	91.0	91.5	91.5	91.9	94.5
IV 300	61.0	80.2	83.3	86.4	88.3	88.8	90.3	91.9	91.9	91.9	92.5	92.5	92.5	93.0	93.0	93.4	96.0
IV 200	61.0	80.2	83.3	86.4	88.3	88.8	90.5	92.1	92.1	92.1	92.7	92.7	92.7	93.3	93.3	94.1	96.8
IV 100	61.0	80.2	83.3	86.4	88.3	88.8	90.5	92.1	92.1	92.1	93.1	93.1	93.1	94.1	94.1	95.0	98.4
IV 0	61.0	80.2	83.3	86.4	88.3	88.8	90.5	92.1	92.1	92.1	93.1	93.1	93.1	94.1	94.1	95.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
 STATION

ATLANTIC CITY NJ
 STATION NAME

73-80
 YEARS

OCT
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3633-0800
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING ≥ 20000	32.4	46.4	48.4	50.7	52.3	52.6	52.6	53.4	53.4	53.9	54.0	54.0	54.4	54.4	54.7	55.8
≥ 18000	35.7	50.7	52.9	55.4	57.0	57.5	57.5	58.5	58.5	59.2	59.3	59.3	59.7	59.7	60.0	61.1
≥ 16000	35.7	50.7	52.9	55.4	57.0	57.5	57.5	58.5	58.5	59.2	59.3	59.3	59.7	59.7	60.0	61.1
≥ 14000	35.9	50.9	53.1	55.8	57.4	58.0	58.0	58.9	58.9	59.6	59.7	59.7	60.1	60.1	60.4	61.5
≥ 12000	36.7	51.8	53.9	56.6	58.2	58.8	58.8	59.7	59.7	60.4	60.5	60.5	60.9	60.9	61.2	62.3
≥ 10000	37.3	53.0	55.1	57.8	59.4	60.0	60.0	60.9	60.9	61.6	61.9	61.9	62.3	62.3	62.5	63.6
≥ 9000	37.6	53.2	55.4	58.1	59.7	60.2	60.2	61.2	61.2	61.9	62.1	62.1	62.5	62.5	62.8	63.9
≥ 8000	39.6	55.9	58.2	61.3	63.1	63.6	63.6	64.7	64.7	65.4	65.6	65.6	66.0	66.0	66.3	67.4
≥ 7000	41.0	57.8	60.4	63.5	65.2	65.8	65.8	66.8	66.8	67.5	67.8	67.8	68.2	68.2	68.5	69.5
≥ 6000	41.6	58.9	61.6	64.7	66.4	67.0	67.0	68.1	68.1	68.7	69.0	69.0	69.4	69.4	69.7	70.7
≥ 5000	42.6	60.2	63.2	66.4	68.3	68.9	68.9	69.9	69.9	70.6	70.9	70.9	71.3	71.3	71.6	72.6
≥ 4500	43.0	61.5	64.7	67.9	69.8	70.5	70.6	71.8	71.8	72.5	72.8	72.8	73.2	73.2	73.5	74.5
≥ 4000	43.7	62.4	65.6	68.9	70.8	71.4	71.6	72.8	72.8	73.5	73.7	73.7	74.1	74.1	74.4	75.5
≥ 3500	44.7	63.9	67.1	70.5	72.5	73.2	73.3	74.5	74.5	75.2	75.5	75.5	75.9	75.9	76.1	77.2
≥ 3000	45.8	65.2	68.7	72.1	74.1	74.9	75.1	76.4	76.4	77.2	77.5	77.5	77.9	77.9	78.2	79.2
≥ 2500	46.5	66.3	69.8	73.7	75.7	76.5	76.7	78.0	78.0	78.8	79.1	79.1	79.5	79.5	79.8	80.9
≥ 2000	46.8	67.0	70.5	74.5	76.5	77.6	77.8	79.1	79.1	79.9	80.2	80.2	80.6	80.6	80.9	81.9
≥ 1800	47.2	67.7	71.2	75.2	77.2	78.3	78.4	79.8	79.8	80.6	80.9	80.9	81.3	81.3	81.5	82.6
≥ 1500	47.3	68.1	71.8	76.3	78.3	79.5	79.6	81.0	81.0	81.8	82.1	82.1	82.5	82.5	82.7	83.8
≥ 1200	47.7	69.3	73.0	77.5	79.5	80.7	81.0	82.5	82.5	83.3	83.6	83.6	84.0	84.0	84.2	85.3
≥ 1000	47.8	69.5	73.7	78.2	80.5	81.7	81.9	83.4	83.4	84.2	84.5	84.5	84.9	84.9	85.2	86.3
≥ 900	47.8	69.5	73.9	78.3	80.6	81.8	82.2	83.7	83.7	84.5	84.8	84.8	85.2	85.2	85.4	86.5
≥ 800	47.8	69.5	74.0	78.8	81.5	83.0	83.6	85.2	85.2	86.0	86.3	86.3	86.7	86.7	86.9	88.0
≥ 700	47.8	69.8	74.4	79.5	82.2	83.8	84.4	86.0	86.0	86.9	87.3	87.3	87.7	87.7	88.0	89.1
≥ 600	47.8	69.9	74.7	80.1	83.2	84.8	85.6	87.2	87.2	88.3	88.7	88.7	89.1	89.1	89.4	90.4
≥ 500	47.8	70.1	75.2	81.0	84.4	86.0	86.9	88.7	88.7	90.0	90.4	90.4	90.8	90.8	91.1	92.2
≥ 400	47.8	70.2	75.3	81.4	84.9	86.9	88.0	89.8	89.8	91.5	91.9	91.9	92.5	92.5	92.7	93.8
≥ 300	47.8	70.2	75.3	81.4	85.0	87.2	88.3	90.3	90.3	92.6	93.1	93.1	93.7	93.7	93.9	95.0
≥ 200	47.8	70.2	75.5	81.7	85.4	87.6	88.7	91.0	91.0	93.7	94.6	94.6	95.1	95.1	95.3	96.8
≥ 100	47.8	70.2	75.5	81.7	85.4	87.6	88.7	91.0	91.0	93.7	94.7	94.7	95.4	95.4	95.6	97.6
≥ 0	47.8	70.2	75.5	81.7	85.4	87.6	88.7	91.0	91.0	93.7	94.7	94.7	95.4	95.4	95.6	100.0

TOTAL NUMBER OF OBSERVATIONS 742

CLERICAL CLIMATOLOGY BRANCH
 USAFETAC
 AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

92730
 STATION

ATLANTIC CITY NJ
 STATION NAME

73-80
 YEARS

OCT
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING	38.8	52.2	53.2	53.6	53.8	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.3
≥ 20000	42.6	58.1	59.1	59.5	59.7	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.2
≥ 18000	42.6	58.1	59.1	59.5	59.7	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.2
≥ 16000	42.7	58.2	59.3	59.7	59.8	59.9	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.3	
≥ 14000	43.0	58.6	59.7	60.1	60.2	60.3	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.8	
≥ 12000	43.5	59.8	60.9	61.4	61.6	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	62.1	
≥ 10000	44.8	61.4	62.5	63.0	63.2	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.7	
≥ 9000	45.0	61.7	62.8	63.3	63.4	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	64.0	
≥ 8000	48.0	65.3	66.4	67.1	67.2	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	68.0	
≥ 7000	48.5	66.3	67.5	68.3	68.4	68.8	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.2	
≥ 6000	49.3	67.1	68.3	69.1	69.2	69.6	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	70.0	
≥ 5000	50.0	69.0	70.3	71.2	71.4	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.2	
≥ 4500	51.1	71.5	73.1	74.2	74.5	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.3	
≥ 4000	52.0	73.3	74.9	75.9	76.2	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	77.0	
≥ 3500	52.6	74.6	76.2	77.4	77.7	78.2	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.8	
≥ 3000	54.8	77.6	79.2	80.4	80.8	81.3	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.9	
≥ 2500	55.2	79.2	80.8	82.1	82.5	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.6	
≥ 2000	56.2	80.8	82.5	83.9	84.3	84.8	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.3	
≥ 1800	56.5	81.5	83.2	84.5	84.9	85.5	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	86.0	
≥ 1500	56.9	82.8	84.5	85.9	86.4	87.1	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.6	
≥ 1200	57.8	84.1	86.0	87.6	88.2	88.8	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.5	
≥ 1000	57.8	85.1	87.0	89.1	89.7	90.3	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	91.0	
≥ 900	57.8	85.5	87.4	89.8	90.6	91.3	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.9	
≥ 800	57.8	85.8	87.6	90.2	91.0	91.7	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.6	
≥ 700	57.8	85.8	87.9	90.7	91.5	92.3	92.7	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.5	
≥ 600	57.8	85.8	87.9	90.9	91.8	92.6	93.1	93.5	93.5	93.7	93.7	93.7	93.7	93.7	94.0	
≥ 500	57.8	86.0	88.2	92.2	93.4	94.2	94.9	95.3	95.3	95.6	95.6	95.6	95.6	95.6	95.8	
≥ 400	57.8	86.2	88.3	92.7	94.2	95.0	96.1	96.6	96.9	97.4	97.4	97.4	97.4	97.4	97.7	
≥ 300	57.8	86.2	88.3	92.9	94.5	95.3	96.4	97.3	97.7	98.3	98.3	98.3	98.3	98.3	98.5	
≥ 200	57.8	86.3	88.4	93.0	94.6	95.4	96.6	97.6	98.0	99.1	99.3	99.3	99.3	99.5	99.9	
≥ 100	57.8	86.3	88.4	93.0	94.6	95.4	96.6	97.6	98.0	99.1	99.3	99.3	99.3	99.5	99.9	
≥ 0	57.8	86.3	88.4	93.0	94.6	95.4	96.6	97.6	98.0	99.1	99.3	99.3	99.3	99.5	100.0	

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

73-80

0CT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/10	≥0	≥0
NO CEILING	41.0	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 20000	45.4	57.7	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
IV 18000	45.4	57.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
IV 16000	45.7	58.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
IV 14000	46.1	58.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
IV 12000	46.5	59.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
IV 10000	47.6	61.6	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
IV 9000	48.1	62.4	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
IV 8000	49.9	64.7	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
IV 7000	50.5	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	67.0	67.0
IV 6000	50.7	66.6	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
IV 5000	52.4	68.5	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IV 4500	55.3	71.8	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
IV 4000	58.5	75.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 3500	60.9	78.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 3000	63.2	82.9	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 2500	65.4	85.8	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV 2000	66.4	87.6	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 1800	67.1	88.5	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 1500	67.8	89.8	91.4	92.2	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 1200	67.8	89.9	91.5	92.3	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 1000	67.8	90.3	91.9	92.7	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 900	67.8	90.8	92.5	93.5	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 800	67.8	90.8	92.5	94.1	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 700	67.9	91.4	93.0	94.9	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 600	67.9	91.5	93.3	95.1	96.0	96.4	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 500	67.9	92.0	93.8	96.0	96.9	97.7	98.0	98.0	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5
IV 400	67.9	92.0	93.8	96.2	97.4	98.2	98.8	98.9	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5
IV 300	67.9	92.0	93.8	96.2	97.4	98.2	98.8	99.2	99.3	99.3	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	67.9	92.0	93.8	96.2	97.4	98.2	98.8	99.2	99.3	99.5	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	67.9	92.0	93.8	96.2	97.4	98.2	98.8	99.2	99.3	99.5	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	67.9	92.0	93.8	96.2	97.4	98.2	98.8	99.2	99.3	99.5	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 742

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

92730
STATION

ATLANTIC CITY NJ
STATION NAME

73-80
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING	43.7	53.5	53.6	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 20000	48.7	60.6	61.4	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
IV 18000	48.8	60.8	61.6	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
IV 16000	48.8	60.8	61.6	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
IV 14000	49.9	61.8	62.9	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
IV 12000	50.1	62.4	63.4	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
IV 10000	51.5	64.4	65.5	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
IV 9000	52.0	65.2	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
IV 8000	53.9	68.0	69.1	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
IV 7000	54.6	69.2	70.3	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
IV 6000	55.0	69.8	70.8	71.2	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 5000	56.7	71.9	73.1	73.5	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
IV 4500	59.5	75.4	76.6	77.0	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 4000	61.4	78.0	79.2	79.6	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
IV 3500	62.9	80.1	81.3	81.7	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
IV 3000	64.7	82.5	84.3	84.7	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 2500	66.1	84.5	86.4	86.8	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 2000	67.1	85.6	87.6	88.0	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 1800	67.3	86.0	88.0	88.4	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 1500	68.1	87.5	89.7	90.2	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 1200	68.4	88.3	90.6	91.3	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
IV 1000	68.4	89.0	91.3	92.3	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 900	68.4	89.2	91.7	92.7	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 800	68.7	89.7	92.1	93.4	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 700	68.7	89.8	92.3	93.7	94.5	94.9	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 600	68.8	89.9	92.5	94.0	94.9	95.4	95.8	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 500	68.8	90.5	93.0	94.8	96.0	96.5	97.2	98.0	98.0	98.1	98.4	98.4	98.4	98.4	98.4	98.4
IV 400	68.8	90.5	93.1	95.2	96.4	96.9	98.0	98.8	98.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3
IV 300	68.8	90.5	93.1	95.2	96.5	97.0	98.1	98.9	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6
IV 200	68.8	90.5	93.1	95.2	96.5	97.0	98.1	98.9	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6
IV 100	68.8	90.5	93.1	95.2	96.5	97.0	98.1	98.9	99.1	99.2	99.6	99.6	99.9	99.9	99.9	99.9
IV 0	68.8	90.5	93.1	95.2	96.5	97.0	98.1	98.9	99.1	99.2	99.6	99.6	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
STATION

ATLANTIC CITY NJ
STATION NAME

73-80
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING ≥ 20000	46.7	54.7	55.8	56.6	56.9	56.9	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 18000	51.3	61.2	62.4	63.2	63.4	63.4	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
IV 16000	51.3	61.2	62.4	63.2	63.4	63.4	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
IV 14000	52.0	61.8	63.0	63.8	64.1	64.1	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
IV 12000	53.1	63.0	64.2	65.1	65.3	65.3	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
IV 10000	55.8	66.8	68.3	69.1	69.4	69.4	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
IV 9000	55.8	66.9	68.4	69.2	69.5	69.5	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
IV 8000	57.1	69.4	70.8	71.6	71.9	71.9	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 7000	57.9	70.4	71.9	72.8	73.1	73.1	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IV 6000	57.9	70.7	72.2	73.1	73.4	73.4	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
IV 5000	59.0	71.9	73.4	74.5	74.9	74.9	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IV 4500	61.3	74.3	75.8	76.9	77.3	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IV 4000	62.4	75.7	77.2	78.2	78.6	78.6	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
IV 3500	64.2	78.9	80.4	81.5	81.9	81.9	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 3000	65.6	80.6	82.4	83.6	84.1	84.1	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 2500	66.4	82.3	84.4	86.0	86.6	86.6	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 2000	66.5	83.5	85.6	87.4	88.2	88.2	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 1800	67.1	84.5	86.7	88.4	89.2	89.2	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 1500	67.3	85.6	87.8	89.5	90.6	90.6	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 1200	67.6	86.6	88.7	90.5	91.5	91.5	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 1000	67.7	87.0	89.1	90.9	91.9	91.9	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 900	67.7	87.1	89.2	91.0	92.5	92.5	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 800	68.0	87.5	89.8	91.5	93.0	93.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 700	68.1	87.9	90.5	92.5	94.1	94.1	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 600	68.1	88.2	90.7	92.9	94.5	94.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 500	68.1	88.7	91.3	93.5	95.2	95.7	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 400	68.1	88.7	91.4	94.0	95.6	96.1	98.0	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 300	68.1	88.7	91.4	94.0	95.6	96.2	98.4	98.7	98.7	99.1	99.2	99.2	99.3	99.3	99.3	99.3
IV 200	68.1	88.7	91.4	94.0	95.6	96.2	98.4	98.7	98.7	99.1	99.3	99.3	99.6	99.6	99.6	99.6
IV 100	68.1	88.7	91.4	94.0	95.6	96.2	98.4	98.7	98.7	99.1	99.3	99.3	99.6	99.6	99.6	99.6
IV 0	68.1	88.7	91.4	94.0	95.6	96.2	98.4	98.7	98.7	99.1	99.3	99.3	99.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
STATION

ATLANTIC CITY NJ
STATION NAME

73-80
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¼	≥0
NO CEILING ≥ 20000	45.4	54.6	55.5	56.1	56.7	56.8	56.9	57.5	57.5	57.5	58.0	58.0	58.3	58.3	58.7	59.5
IV 18000 16000	50.6	59.8	60.6	61.5	62.0	62.3	62.4	63.0	63.0	63.0	63.5	63.5	63.8	63.8	64.2	65.0
IV 14000 12000	51.0	60.2	61.0	61.9	62.4	62.7	62.9	63.4	63.4	63.4	63.9	63.9	64.2	64.2	64.6	65.4
IV 10000 9000	54.8	65.1	66.5	67.4	68.0	68.2	68.4	68.9	68.9	68.9	69.4	69.4	69.7	69.7	70.1	70.9
IV 8000 7000	55.7	66.2	67.7	68.6	69.2	69.4	69.6	70.1	70.1	70.1	70.7	70.7	70.9	70.9	71.3	72.1
IV 6000 5000	57.6	69.2	70.7	71.9	72.4	72.7	72.8	73.4	73.4	73.4	73.9	73.9	74.2	74.2	74.6	75.4
IV 4500 4000	60.2	72.4	74.0	75.2	75.9	76.2	76.3	76.9	76.9	76.9	77.4	77.4	77.7	77.7	78.1	78.9
IV 3500 3000	62.0	75.5	77.1	78.3	79.0	79.3	79.4	79.9	79.9	79.9	80.5	80.5	80.9	80.9	81.3	82.1
IV 2500 2000	63.4	78.2	79.8	81.4	82.5	82.8	82.9	83.4	83.4	83.4	84.0	84.0	84.4	84.4	84.8	85.6
IV 1800 1500	64.6	81.2	82.9	84.7	85.7	86.0	86.1	86.7	86.7	86.7	87.2	87.2	87.6	87.6	88.0	88.8
IV 1200 1000	64.6	81.8	83.8	85.6	86.7	86.9	87.1	87.6	87.6	87.6	88.2	88.2	88.6	88.6	89.0	89.8
IV 900 800	65.0	83.2	85.2	87.2	88.3	88.6	88.7	89.2	89.2	89.2	89.8	89.8	90.2	90.2	90.6	91.4
IV 700 600	65.1	84.0	86.0	88.4	89.6	89.9	90.0	90.6	90.6	90.6	91.1	91.1	91.5	91.5	91.9	92.7
IV 500 400	65.3	85.3	87.8	90.7	92.3	93.0	93.1	93.7	93.7	93.7	94.2	94.2	94.6	94.6	95.0	95.8
IV 300 200	65.3	85.6	88.2	91.4	93.4	94.2	94.9	95.4	95.6	95.8	96.5	96.5	96.9	96.9	97.3	98.1
IV 100 0	65.3	85.7	88.3	91.5	93.5	94.3	95.0	95.6	95.7	96.0	96.6	96.6	97.4	97.4	97.8	98.7

TOTAL NUMBER OF OBSERVATIONS 743

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
 STATION

ATLANTIC CITY NJ
 STATION NAME

73-80
 YEARS

OCT
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	41.9	52.3	53.4	54.2	54.7	54.8	55.0	55.2	55.2	55.2	55.4	55.4	55.5	55.5	55.7	56.4
≥ 2000	45.7	57.2	58.4	59.4	59.9	60.1	60.2	60.4	60.4	60.5	60.6	60.6	60.8	60.8	61.0	61.7
IV 1800	45.8	57.3	58.5	59.5	60.0	60.2	60.3	60.5	60.5	60.6	60.7	60.7	60.9	60.9	61.1	61.8
IV 1600	45.8	57.3	58.6	59.6	60.1	60.2	60.4	60.6	60.6	60.7	60.8	60.8	60.9	60.9	61.1	61.9
IV 1400	46.2	57.8	59.1	60.1	60.6	60.7	60.9	61.1	61.1	61.2	61.3	61.3	61.4	61.4	61.6	62.4
IV 1200	47.0	58.8	60.1	61.1	61.6	61.8	61.9	62.2	62.2	62.3	62.4	62.4	62.5	62.5	62.7	63.5
IV 1000	48.9	61.4	62.8	63.8	64.3	64.5	64.6	64.9	64.9	65.0	65.1	65.1	65.2	65.2	65.4	66.2
IV 900	49.2	61.7	63.1	64.2	64.7	64.8	65.0	65.2	65.2	65.3	65.4	65.4	65.6	65.6	65.8	66.6
IV 800	51.2	64.4	65.9	67.0	67.5	67.7	67.9	68.1	68.1	68.2	68.4	68.4	68.5	68.5	68.7	69.5
IV 700	52.2	65.9	67.5	68.7	69.2	69.4	69.6	69.8	69.8	69.9	70.0	70.0	70.2	70.2	70.4	71.2
IV 600	52.6	66.6	68.2	69.4	69.9	70.1	70.3	70.5	70.5	70.6	70.7	70.7	70.9	70.9	71.1	71.9
IV 500	53.9	68.6	70.3	71.5	72.1	72.3	72.4	72.7	72.7	72.8	72.9	72.9	73.0	73.0	73.2	74.0
IV 450	55.6	71.1	72.9	74.1	74.8	75.0	75.2	75.4	75.4	75.6	75.7	75.7	75.8	75.8	76.0	76.8
IV 400	57.0	72.9	74.7	76.0	76.6	76.9	77.1	77.3	77.3	77.4	77.6	77.6	77.7	77.7	77.9	78.7
IV 350	58.1	74.8	76.6	77.9	78.6	78.8	79.0	79.3	79.3	79.4	79.5	79.5	79.7	79.7	79.9	80.7
IV 300	59.5	76.8	78.7	80.1	80.9	81.2	81.4	81.6	81.6	81.8	81.9	81.9	82.1	82.1	82.3	83.1
IV 250	60.5	78.6	80.6	82.2	83.0	83.3	83.5	83.8	83.8	83.9	84.1	84.1	84.2	84.2	84.4	85.2
IV 200	61.3	79.9	82.0	83.6	84.5	84.8	85.1	85.3	85.3	85.4	85.6	85.6	85.7	85.7	86.0	86.7
IV 1800	61.6	80.6	82.7	84.3	85.2	85.5	85.8	86.0	86.0	86.2	86.3	86.3	86.5	86.5	86.7	87.5
IV 1500	62.0	81.4	83.6	85.4	86.4	86.7	87.0	87.2	87.2	87.4	87.5	87.5	87.7	87.7	87.9	88.7
IV 1200	62.2	82.1	84.4	86.3	87.3	87.6	87.9	88.2	88.2	88.3	88.5	88.5	88.6	88.6	88.9	89.7
IV 1000	62.4	82.7	85.0	87.1	88.1	88.5	88.8	89.1	89.1	89.3	89.4	89.4	89.6	89.6	89.8	90.6
IV 900	62.4	83.1	85.5	87.6	88.8	89.2	89.5	89.8	89.8	90.0	90.1	90.1	90.3	90.3	90.5	91.3
IV 800	62.5	83.3	85.7	88.1	89.3	89.8	90.1	90.5	90.5	90.6	90.8	90.8	90.9	90.9	91.1	92.0
IV 700	62.6	83.7	86.3	88.8	90.1	90.7	91.1	91.4	91.4	91.6	91.8	91.8	91.9	91.9	92.1	93.0
IV 600	62.7	84.0	86.6	89.3	90.8	91.3	91.9	92.4	92.4	92.6	92.8	92.8	92.9	92.9	93.2	94.0
IV 500	62.7	84.4	87.2	90.3	91.9	92.6	93.4	93.9	93.9	94.2	94.5	94.5	94.6	94.6	94.8	95.7
IV 400	62.7	84.6	87.4	90.7	92.6	93.4	94.5	95.2	95.2	95.6	95.9	95.9	96.0	96.0	96.3	97.1
IV 300	62.7	84.6	87.5	90.9	92.8	93.6	94.8	95.7	95.8	96.4	96.7	96.7	96.9	96.9	97.2	98.0
IV 200	62.7	84.7	87.6	90.9	92.9	93.7	95.0	95.9	96.0	96.7	97.2	97.2	97.5	97.5	97.9	98.7
IV 100	62.7	84.7	87.6	90.9	92.9	93.7	95.0	95.9	96.0	96.8	97.3	97.3	97.7	97.7	98.2	99.2
IV 0	62.7	84.7	87.6	90.9	92.9	93.7	95.0	95.9	96.0	96.8	97.3	97.3	97.7	97.7	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 5947

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

43730

ATLANTIC CITY NJ

73-80

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	47.8	53.2	53.6	54.2	54.7	54.7	55.4	55.7	55.7	55.8	55.8	55.8	56.3	56.3	56.5	57.2
≥ 20000	49.9	55.7	56.1	56.8	57.4	57.4	58.1	58.3	58.3	58.5	58.5	58.5	59.9	58.9	59.2	59.9
≥ 18000	49.9	55.7	56.1	56.8	57.4	57.4	58.1	58.3	58.3	58.5	58.5	58.5	59.9	58.9	59.2	59.9
≥ 16000	49.9	55.7	56.3	56.9	57.5	57.5	58.2	58.5	58.5	58.6	58.6	58.6	59.0	59.0	59.3	60.0
≥ 14000	50.3	56.1	56.7	57.4	57.9	57.9	58.6	58.9	58.9	59.0	59.0	59.0	59.4	59.4	59.7	60.4
≥ 12000	52.9	59.2	59.7	60.4	61.0	61.1	61.8	62.1	62.1	62.2	62.2	62.2	62.6	62.6	62.9	63.6
≥ 10000	53.1	59.3	59.9	60.6	61.1	61.3	61.9	62.2	62.2	62.4	62.4	62.4	62.8	62.8	63.1	63.8
≥ 8000	53.9	61.0	61.5	62.2	62.8	62.9	63.6	63.9	63.9	64.0	64.0	64.0	64.4	64.4	64.7	65.4
≥ 7000	55.3	62.4	62.9	63.6	64.2	64.3	65.0	65.3	65.3	65.4	65.4	65.4	65.8	65.8	66.1	66.8
≥ 6000	56.1	63.3	63.9	64.9	65.4	65.6	66.3	66.5	66.5	66.7	66.7	66.7	67.1	67.1	67.4	68.1
≥ 5000	57.8	66.1	66.7	67.8	68.3	68.6	69.3	69.6	69.6	69.7	69.7	69.7	70.1	70.1	70.4	71.1
≥ 4500	60.4	69.9	70.4	71.5	72.1	72.5	73.2	73.5	73.5	73.6	73.6	73.6	74.0	74.0	74.3	75.0
≥ 4000	62.2	71.8	72.4	73.5	74.0	74.4	75.1	75.4	75.4	75.6	75.6	75.6	76.0	76.0	76.3	76.9
≥ 3500	62.9	73.2	73.8	74.9	75.4	75.8	76.5	76.8	76.8	76.9	76.9	76.9	77.4	77.4	77.6	78.3
≥ 3000	63.6	74.6	75.3	76.4	76.9	77.4	78.1	78.5	78.5	78.8	78.8	78.8	79.2	79.2	79.4	80.1
≥ 2500	64.0	75.3	76.1	77.2	77.9	78.3	79.0	79.4	79.4	79.7	79.7	79.7	80.1	80.1	80.4	81.1
≥ 2000	65.3	77.2	78.1	79.2	79.9	80.3	81.0	81.4	81.4	81.7	81.7	81.7	82.1	82.1	82.4	83.1
≥ 1800	65.3	77.4	78.3	79.4	80.3	80.7	81.4	81.8	81.8	82.1	82.1	82.1	82.5	82.5	82.8	83.5
≥ 1500	65.7	78.3	79.3	80.4	81.3	81.7	82.4	82.8	82.8	83.1	83.1	83.1	83.5	83.5	83.8	84.4
≥ 1200	66.4	79.2	80.1	81.3	82.1	82.9	83.8	84.2	84.2	84.4	84.4	84.4	84.9	84.9	85.1	85.8
≥ 1000	67.1	80.6	81.5	82.6	83.5	84.3	85.1	85.6	85.6	85.8	85.8	85.8	86.3	86.3	86.5	87.2
≥ 900	67.2	81.1	82.1	83.2	84.0	84.9	85.7	86.1	86.1	86.4	86.4	86.4	86.8	86.8	87.1	87.8
≥ 800	67.2	81.4	82.4	83.6	84.4	85.3	86.1	86.5	86.5	86.8	86.8	86.8	87.2	87.2	87.5	88.2
≥ 700	67.2	81.9	82.9	84.2	85.0	85.8	86.8	87.2	87.2	87.5	87.5	87.5	87.9	87.9	88.2	88.9
≥ 600	67.2	82.2	83.2	84.6	85.4	86.3	87.2	87.8	87.8	88.1	88.1	88.1	88.5	88.5	88.8	89.4
≥ 500	67.2	83.3	84.4	86.0	86.8	88.1	89.3	89.9	89.9	90.1	90.1	90.1	90.6	90.6	90.8	91.5
≥ 400	67.2	83.5	84.7	86.3	87.2	88.9	90.7	91.3	91.3	91.5	91.5	91.5	91.9	91.9	92.2	92.9
≥ 300	67.2	83.5	84.7	86.5	87.5	89.4	91.7	92.5	92.5	92.9	92.9	92.9	93.3	93.3	93.6	94.3
≥ 200	67.2	83.8	85.0	86.8	87.8	89.7	92.4	93.2	93.2	94.3	94.4	94.4	94.9	94.9	95.4	96.1
≥ 100	67.2	83.8	85.0	86.8	87.8	89.7	92.6	93.5	93.5	94.7	94.9	94.9	95.8	95.8	96.7	97.6
≥ 0	67.2	83.8	85.0	86.8	87.8	89.7	92.6	93.5	93.5	94.7	94.9	94.9	96.1	96.1	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
STATION

ATLANTIC CITY NJ
STATION NAME

73-80
YEAR

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

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	≥5/16	≥1/4	≥0	
NO CEILING	45.4	51.7	52.5	53.2	53.3	53.6	53.9	54.4	54.4	54.6	54.9	54.9	55.3	55.3	55.7	56.3
≥ 2000	47.5	54.2	55.1	56.3	56.4	56.7	56.9	57.5	57.5	57.6	57.9	57.9	58.3	58.3	58.8	59.3
≥ 1800	47.5	54.2	55.1	56.3	56.4	56.7	56.9	57.5	57.5	57.6	57.9	57.9	58.3	58.3	58.8	59.3
≥ 1600	47.5	54.2	55.1	56.3	56.4	56.7	56.9	57.5	57.5	57.6	57.9	57.9	58.3	58.3	58.8	59.3
≥ 1400	47.6	54.3	55.3	56.4	56.5	56.8	57.1	57.6	57.6	57.8	58.1	58.1	58.5	58.5	58.9	59.4
≥ 1200	47.9	54.6	55.6	56.7	56.8	57.1	57.4	57.9	57.9	58.1	58.3	58.3	58.8	58.8	59.2	59.7
≥ 1000	49.9	56.9	57.9	59.0	59.2	59.4	59.7	60.3	60.3	60.4	60.7	60.7	61.1	61.1	61.5	62.1
≥ 900	50.3	57.4	58.3	59.4	59.6	59.9	60.1	60.7	60.7	60.8	61.1	61.1	61.5	61.5	61.9	62.5
≥ 800	51.7	59.0	60.0	61.3	61.5	61.8	62.1	62.6	62.6	62.8	63.1	63.1	63.5	63.5	63.9	64.4
≥ 700	52.6	60.6	61.5	62.8	63.1	63.3	63.6	64.2	64.2	64.3	64.6	64.6	65.0	65.0	65.4	66.0
≥ 600	53.3	61.4	62.4	63.9	64.2	64.4	64.7	65.3	65.3	65.4	65.7	65.7	66.1	66.1	66.5	67.1
≥ 500	53.9	63.6	64.6	66.1	66.5	66.8	67.1	67.6	67.6	67.8	68.1	68.1	68.5	68.5	68.9	69.4
≥ 450	56.3	67.4	68.3	69.9	70.3	70.7	71.0	71.5	71.5	71.7	71.9	71.9	72.4	72.4	72.8	73.3
≥ 400	56.8	68.3	69.3	70.8	71.3	71.7	71.9	72.5	72.5	72.6	72.9	72.9	73.3	73.3	73.8	74.3
≥ 350	57.8	69.7	70.7	72.2	72.6	73.1	73.3	73.9	73.9	74.0	74.3	74.3	74.7	74.7	75.1	75.7
≥ 300	58.6	70.8	71.8	73.3	73.8	74.2	74.4	75.0	75.0	75.1	75.4	75.4	75.8	75.8	76.3	76.8
≥ 250	61.1	73.6	74.6	76.1	76.5	77.1	77.4	77.9	77.9	78.1	78.3	78.3	78.8	78.8	79.2	79.7
≥ 200	61.7	75.6	76.5	78.1	78.5	79.2	79.4	80.0	80.0	80.1	80.4	80.4	80.8	80.8	81.3	81.8
≥ 180	62.5	76.5	77.5	79.0	79.4	80.1	80.4	81.0	81.0	81.1	81.4	81.4	81.8	81.8	82.2	82.6
≥ 150	62.6	77.4	78.3	79.9	80.3	81.0	81.3	81.8	81.8	81.9	82.2	82.2	82.6	82.6	83.1	83.6
≥ 120	63.1	78.2	79.2	80.7	81.1	81.8	82.1	82.6	82.6	82.8	83.1	83.1	83.5	83.5	83.9	84.4
≥ 100	63.5	78.8	79.9	81.4	81.9	82.6	83.1	83.8	83.8	83.9	84.2	84.2	84.6	84.6	85.0	85.6
≥ 90	63.6	78.9	80.0	81.5	82.1	82.8	83.9	84.6	84.6	84.7	85.1	85.1	85.6	85.6	86.0	86.5
≥ 80	63.6	79.3	80.4	81.9	82.5	83.2	84.3	85.0	85.0	85.1	85.6	85.6	86.0	86.0	86.4	86.9
≥ 70	63.6	80.0	81.3	82.8	83.3	84.0	85.3	86.0	86.0	86.1	86.5	86.5	86.9	86.9	87.4	87.9
≥ 60	63.6	80.8	82.2	83.8	84.3	85.0	86.3	86.9	86.9	87.1	87.5	87.5	87.9	87.9	88.3	88.9
≥ 50	63.8	81.4	82.8	84.4	85.0	85.6	86.3	87.9	88.6	88.6	88.8	89.2	89.2	89.6	89.6	90.0
≥ 40	63.9	81.9	83.5	85.0	85.6	86.5	87.2	88.9	90.0	90.0	90.3	90.8	90.8	91.5	91.5	92.5
≥ 30	64.0	82.4	83.9	85.6	86.1	87.4	88.1	89.9	91.5	91.5	91.8	92.4	92.4	93.1	93.1	94.2
≥ 20	64.0	82.5	84.2	85.7	86.1	88.1	88.8	91.1	92.9	92.9	93.3	94.0	94.0	94.9	94.9	96.5
≥ 10	64.0	82.8	84.4	86.9	88.5	89.2	91.5	93.3	93.3	94.2	95.3	95.3	96.4	96.4	97.2	98.5
≥ 0	64.0	82.8	84.4	86.9	88.5	89.2	91.5	93.3	93.3	94.2	95.3	95.3	96.5	96.5	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

9773
 STATION

ATLANTIC CITY NJ
 STATION NAME

73-80
 YEARS

NOV
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	39.6	48.7	49.4	50.9	51.5	51.6	52.0	52.6	52.6	52.7	52.9	52.9	53.1	53.1	53.4	54.4
≥ 20000	42.1	52.7	53.5	55.2	56.1	56.2	56.6	57.3	57.3	57.4	57.7	57.7	58.0	58.0	58.3	59.2
IV 18000	42.1	52.7	53.7	55.4	56.2	56.3	56.7	57.4	57.4	57.6	57.9	57.9	58.1	58.1	58.4	59.4
6700	42.1	52.7	53.7	55.4	56.2	56.3	56.7	57.4	57.4	57.6	57.9	57.9	58.1	58.1	58.4	59.4
IV 14000	42.1	52.7	53.7	55.4	56.2	56.3	56.7	57.4	57.4	57.6	57.9	57.9	58.1	58.1	58.4	59.4
7200	42.1	52.7	53.7	55.4	56.2	56.3	56.7	57.4	57.4	57.6	57.9	57.9	58.1	58.1	58.4	59.4
IV 10000	44.2	55.5	56.6	58.3	59.2	59.4	59.8	60.5	60.5	60.6	60.9	60.9	61.2	61.2	61.5	62.7
9900	44.2	55.5	56.6	58.3	59.2	59.4	59.8	60.5	60.5	60.6	60.9	60.9	61.2	61.2	61.5	62.7
IV 8000	45.6	57.2	58.3	59.9	61.1	61.3	61.8	62.6	62.6	62.7	63.0	63.0	63.3	63.3	63.6	64.8
7000	46.5	58.1	59.2	61.1	62.2	62.4	62.9	63.7	63.7	63.8	64.1	64.1	64.4	64.4	64.7	65.9
IV 6000	46.7	58.7	59.8	61.6	62.7	63.0	63.4	64.3	64.3	64.4	64.7	64.7	65.0	65.0	65.2	66.5
5000	48.3	61.5	62.6	64.7	65.9	66.2	66.6	67.5	67.5	67.6	67.9	67.9	68.2	68.2	68.4	69.7
IV 4500	49.4	64.3	65.4	67.5	68.8	69.1	69.5	70.7	70.7	70.8	71.1	71.1	71.3	71.3	71.6	72.9
4000	49.9	65.2	66.3	68.4	69.8	70.1	70.5	71.6	71.6	71.8	72.0	72.0	72.3	72.3	72.6	73.9
IV 3500	51.2	66.6	67.7	69.8	71.2	71.5	71.9	73.0	73.0	73.2	73.4	73.4	73.7	73.7	74.0	75.2
3000	51.9	68.0	69.4	71.6	73.0	73.3	73.7	74.8	74.8	75.1	75.4	75.4	75.7	75.7	75.9	77.2
IV 2500	53.5	70.2	71.8	74.3	75.7	75.9	76.4	77.5	77.5	77.7	78.0	78.0	78.3	78.3	78.6	79.8
2000	54.4	71.5	73.0	75.7	77.1	77.3	77.7	78.9	78.9	79.3	79.6	79.6	79.8	79.8	80.1	81.4
IV 1800	55.1	72.3	74.1	76.9	78.3	78.6	79.0	80.1	80.1	80.5	80.8	80.8	81.1	81.1	81.4	82.6
1500	55.5	73.0	75.1	78.2	79.6	80.0	80.5	81.6	81.6	82.1	82.3	82.3	82.6	82.6	82.9	84.1
IV 1200	55.8	73.4	75.5	78.6	80.1	80.5	81.2	82.3	82.3	82.8	83.0	83.0	83.3	83.3	83.6	84.8
1000	55.8	74.0	76.2	79.3	80.8	81.2	81.9	83.0	83.0	83.4	83.7	83.7	84.0	84.0	84.3	85.5
IV 900	55.8	74.1	76.4	79.4	80.9	81.4	82.1	83.2	83.2	83.6	83.9	83.9	84.1	84.1	84.4	85.7
800	55.9	74.5	77.1	80.1	81.6	82.1	82.8	83.9	83.9	84.3	84.6	84.6	84.8	84.8	85.1	86.4
IV 700	55.9	74.8	77.6	80.6	82.3	82.9	83.7	84.8	84.8	85.3	85.5	85.5	85.8	85.8	86.1	87.3
600	55.9	75.2	78.0	81.5	83.0	83.9	84.8	86.0	86.0	86.4	86.6	86.6	86.9	86.9	87.2	88.5
IV 500	56.1	75.7	78.9	82.8	84.4	85.8	86.9	88.3	88.3	88.7	89.0	89.0	89.3	89.3	89.6	90.8
400	56.3	75.9	79.4	83.4	85.3	86.8	88.3	89.8	89.8	90.5	90.8	90.8	91.1	91.1	91.4	92.6
IV 300	56.5	76.1	79.6	83.7	85.7	87.2	88.7	90.3	90.3	91.1	91.7	91.7	91.9	91.9	92.2	93.5
200	56.5	76.1	80.0	84.3	87.1	88.9	90.8	92.5	92.5	93.6	94.3	94.3	95.0	95.0	95.3	96.5
IV 100	56.5	76.1	80.0	84.3	87.1	88.9	91.0	92.6	92.6	93.9	95.0	95.0	96.0	96.0	96.2	97.9
0	56.5	76.1	80.0	84.3	87.1	88.9	91.0	92.6	92.6	93.9	95.0	95.0	96.0	96.0	96.4	100.0

TOTAL NUMBER OF OBSERVATIONS 714

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
 STATION

ATLANTIC CITY NJ
 STATION NAME

73-80
 YEAR

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

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	
NO CEILING	38.6	47.9	49.0	49.4	49.6	49.6	49.6	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.7	50.0
≥ 2000	43.3	55.7	57.1	57.8	58.1	58.1	58.1	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.6
≥ 1800	43.8	55.8	57.2	58.1	58.3	58.3	58.3	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.9
≥ 1600	43.8	55.8	57.2	58.1	58.3	58.3	58.3	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.9
≥ 1400	43.8	56.0	57.4	58.2	58.5	58.5	58.5	58.6	58.6	58.8	58.8	58.8	58.8	58.8	58.8	59.0
≥ 1200	43.8	56.4	57.9	58.8	59.3	59.3	59.3	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.9
≥ 1000	45.7	58.9	60.4	61.3	61.9	61.9	61.9	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.6
≥ 900	46.5	60.0	61.5	62.4	63.1	63.1	63.1	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.8
≥ 800	47.6	61.9	63.5	64.4	65.1	65.1	65.1	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.8
≥ 700	48.6	63.1	64.6	65.6	66.3	66.3	66.3	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.9
≥ 6000	49.2	63.8	65.3	66.3	66.9	66.9	66.9	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.6
≥ 5000	49.9	65.6	67.1	68.1	68.8	68.8	68.8	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.4
≥ 4500	51.1	67.9	69.4	70.4	71.1	71.1	71.1	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.8
≥ 4000	52.1	69.2	70.7	71.7	72.4	72.4	72.4	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	73.1
≥ 3500	52.8	69.9	71.5	72.8	73.5	73.5	73.5	73.6	73.6	73.8	73.8	73.8	73.8	73.8	73.8	74.2
≥ 3000	54.6	72.4	74.0	75.4	76.1	76.1	76.1	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.8
≥ 2500	55.3	73.3	75.0	76.4	77.1	77.1	77.1	77.2	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.8
≥ 2000	56.4	75.0	76.8	78.5	79.2	79.3	79.4	79.6	79.6	79.9	79.9	79.9	79.9	79.9	79.9	80.3
≥ 1800	56.9	75.7	77.5	79.3	80.0	80.1	80.4	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	81.3
≥ 1500	57.5	77.2	79.2	81.1	81.9	82.1	82.4	82.5	82.5	82.8	82.8	82.8	82.8	82.8	82.8	83.2
≥ 1200	57.6	78.3	80.4	82.4	83.2	83.3	83.6	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.4
≥ 1000	57.8	79.7	82.1	84.3	85.3	85.4	85.7	86.0	86.0	86.3	86.4	86.4	86.4	86.4	86.4	86.8
≥ 900	57.8	80.3	82.6	84.9	86.0	86.4	86.7	86.9	86.9	87.2	87.4	87.4	87.4	87.4	87.4	87.8
≥ 800	57.8	80.3	82.6	85.3	86.4	86.8	87.1	87.4	87.4	87.6	87.8	87.8	87.8	87.8	87.8	88.2
≥ 700	57.8	80.8	83.3	86.3	87.4	87.8	88.1	88.3	88.3	88.6	88.8	88.8	88.8	88.8	88.8	89.2
≥ 600	57.8	80.8	83.3	86.4	87.8	88.5	88.8	89.2	89.2	89.4	89.6	89.6	89.6	89.6	89.6	90.0
≥ 500	57.8	81.1	83.9	87.4	88.8	89.6	90.0	90.8	90.8	91.1	91.3	91.3	91.3	91.3	91.3	91.7
≥ 400	57.8	81.3	84.3	88.2	90.1	91.3	92.4	93.3	93.3	94.0	94.3	94.3	94.3	94.3	94.3	94.7
≥ 300	57.8	81.3	84.4	88.5	90.8	92.1	93.5	94.6	94.6	96.5	96.8	96.8	96.9	96.9	96.9	97.4
≥ 200	57.8	81.3	84.4	88.5	90.8	92.2	93.9	95.1	95.1	97.2	97.6	97.6	97.9	97.9	98.2	98.6
≥ 100	57.8	81.3	84.4	88.5	90.8	92.2	93.9	95.1	95.1	97.2	97.6	97.6	97.9	98.1	98.6	99.2
≥ 0	57.8	81.3	84.4	88.5	90.8	92.2	93.9	95.1	95.1	97.2	97.6	97.6	97.9	98.1	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
STATION

ATLANTIC CITY NJ
STATION NAME

73-80
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥1	≥.5	≥.25	≥.15	≥.10	≥.05	≥0
NO CEILING ≥ 20000	35.3	44.6	44.8	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
IV 18000 IV 6000	43.1	55.4	55.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
IV 14000 IV 2000	43.1	55.5	55.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
IV 10000 IV 9500	46.2	59.2	59.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
IV 8000 IV 7000	48.4	62.2	62.4	63.4	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
IV 6000 IV 5000	48.4	62.6	63.0	64.0	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
IV 4500 IV 4000	52.0	67.3	68.0	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IV 3500 IV 3000	57.4	73.2	74.1	75.4	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
IV 2500 IV 2000	60.9	77.9	79.3	80.9	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 1800 IV 1500	62.2	80.0	81.4	83.0	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 1200 IV 1000	62.7	82.6	84.1	85.8	86.4	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 900 IV 800	62.7	83.9	85.7	87.9	88.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 700 IV 600	62.9	84.3	86.1	88.3	89.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
IV 500 IV 400	63.0	85.4	87.9	91.2	93.0	94.3	94.7	94.7	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9
IV 300 IV 200	63.0	85.8	88.6	92.9	95.1	96.8	97.8	97.8	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2
IV 100 IV 0	63.0	85.8	88.7	93.2	95.4	97.1	98.1	98.1	98.9	98.9	99.3	99.7	99.7	99.7	99.7	99.9

TOTAL NUMBER OF OBSERVATIONS 710

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
 STATION

ATLANTIC CITY NJ
 STATION NAME

73-80
 YEARS

NOV
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	37.6	45.3	46.5	47.2	47.2	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 2000	44.7	54.6	55.8	56.5	56.5	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 1800	44.7	54.7	56.0	56.7	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 1600	44.7	54.7	56.0	56.7	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 1400	45.1	55.3	56.5	57.2	57.2	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 1200	45.7	56.1	57.4	58.2	58.2	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 1000	46.9	57.5	58.8	59.6	59.6	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 900	47.6	58.2	59.6	60.4	60.8	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 800	49.2	60.6	61.9	62.9	63.3	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 700	50.0	61.7	63.1	64.0	64.4	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 600	50.3	62.2	63.6	64.6	65.0	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 500	51.8	65.3	66.7	67.6	68.1	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 450	55.0	70.1	71.7	72.6	73.1	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 400	56.1	71.9	73.5	74.4	74.9	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 350	57.5	74.3	75.8	76.8	77.2	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 300	60.0	77.2	78.8	80.1	80.6	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 250	61.4	79.4	81.0	82.4	82.8	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 200	61.8	80.6	82.2	83.6	84.0	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1800	61.9	81.0	82.6	84.2	84.6	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 1500	62.5	82.1	83.9	85.4	86.1	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1200	62.8	83.1	85.0	86.5	87.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1000	62.8	83.6	85.7	87.2	87.9	88.9	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 900	62.8	83.8	85.8	87.4	88.2	89.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 800	62.8	83.9	86.3	87.9	88.8	89.7	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 700	62.8	84.4	87.1	88.9	89.9	90.8	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 600	62.8	84.4	87.1	89.0	90.3	91.5	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 500	62.8	84.6	87.4	89.9	91.4	93.2	94.0	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 400	62.8	85.0	87.8	91.1	92.6	95.0	96.1	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 300	62.8	85.0	87.8	91.3	92.9	95.3	96.5	96.8	96.8	97.4	97.5	97.5	97.5	97.5	97.5	97.5
≥ 200	62.8	85.0	87.8	91.3	92.9	95.3	96.9	97.4	97.5	98.2	98.8	98.8	98.8	98.8	98.8	98.8
≥ 100	62.8	85.0	87.8	91.3	92.9	95.3	96.9	97.4	97.5	98.2	98.8	98.8	98.8	99.0	99.0	99.0
≥ 0	62.8	85.0	87.8	91.3	92.9	95.3	96.9	97.4	97.5	98.2	98.8	98.8	98.8	99.0	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
 STATION

ATLANTIC CITY NJ
 STATION NAME

73-80
 YEARS

NOV
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	43.4	52.3	53.0	53.4	53.5	54.0	54.1	54.1	54.1	54.4	54.5	54.5	54.5	54.5	54.5	54.5
≥ 2000	48.0	58.3	59.0	59.5	59.8	60.2	60.4	60.4	60.4	60.6	60.8	60.8	60.8	60.8	60.8	60.8
IV 1800	48.0	58.3	59.0	59.5	59.8	60.2	60.4	60.4	60.4	60.6	60.8	60.8	60.8	60.8	60.8	60.8
IV 1600	48.0	58.3	59.0	59.5	59.8	60.2	60.4	60.4	60.4	60.6	60.8	60.8	60.8	60.8	60.8	60.8
IV 1400	48.0	58.3	59.0	59.5	59.8	60.2	60.4	60.4	60.4	60.6	60.8	60.8	60.8	60.8	60.8	60.8
IV 1200	48.0	58.3	59.0	59.5	59.8	60.2	60.4	60.4	60.4	60.6	60.8	60.8	60.8	60.8	60.8	60.8
IV 1000	50.6	61.2	61.9	62.6	62.9	63.3	63.4	63.4	63.4	63.7	63.8	63.8	63.8	63.8	63.8	63.8
IV 900	51.2	61.8	62.4	63.1	63.8	64.3	64.4	64.4	64.4	64.4	64.7	64.8	64.8	64.8	64.8	64.8
IV 800	52.0	63.4	64.1	64.8	65.5	65.9	66.1	66.1	66.1	66.3	66.5	66.5	66.5	66.5	66.5	66.5
IV 700	52.6	64.3	65.0	65.6	66.3	66.8	66.9	66.9	66.9	67.2	67.3	67.3	67.3	67.3	67.3	67.3
IV 600	52.9	65.2	65.9	66.6	67.5	67.8	68.0	68.0	68.0	68.3	68.4	68.4	68.4	68.4	68.4	68.4
IV 500	54.7	68.4	69.3	70.1	70.8	71.2	71.3	71.3	71.3	71.6	71.8	71.8	71.8	71.8	71.8	71.8
IV 4500	56.1	70.7	71.5	72.3	73.0	73.4	73.6	73.6	73.6	73.9	74.0	74.0	74.0	74.0	74.0	74.0
IV 4000	57.2	71.8	72.6	73.9	74.5	75.0	75.1	75.1	75.1	75.4	75.5	75.5	75.5	75.5	75.5	75.5
IV 3500	58.0	72.7	73.6	75.0	75.7	76.1	76.2	76.2	76.2	76.5	76.6	76.6	76.6	76.6	76.6	76.6
IV 3000	59.2	74.7	75.5	77.1	77.7	78.2	78.3	78.3	78.3	78.6	78.7	78.7	78.7	78.7	78.7	78.7
IV 2500	61.8	77.6	78.6	80.7	81.4	81.8	81.9	81.9	81.9	82.2	82.3	82.3	82.3	82.3	82.3	82.3
IV 2000	62.7	78.9	79.8	81.9	82.6	83.0	83.2	83.2	83.2	83.4	83.6	83.6	83.6	83.6	83.6	83.6
IV 1800	62.7	79.1	80.1	82.5	83.2	83.7	83.9	83.9	83.9	84.1	84.3	84.3	84.3	84.3	84.3	84.3
IV 1500	63.4	80.6	81.6	84.1	84.8	85.7	85.8	85.8	85.8	86.1	86.2	86.2	86.2	86.2	86.2	86.2
IV 1200	64.0	82.1	83.2	85.5	86.2	87.1	87.2	87.2	87.2	87.5	87.6	87.6	87.6	87.6	87.6	87.6
IV 1000	64.1	82.5	83.6	86.0	86.6	87.5	87.9	87.9	87.9	88.2	88.3	88.3	88.3	88.3	88.3	88.3
IV 900	64.1	82.6	83.7	86.2	86.9	87.8	88.2	88.3	88.3	88.6	88.7	88.7	88.7	88.7	88.7	88.7
IV 800	64.1	83.0	84.3	86.8	87.5	88.3	88.7	88.9	88.9	89.2	89.3	89.3	89.3	89.3	89.3	89.3
IV 700	64.3	83.3	84.6	87.3	88.0	88.9	89.4	89.7	89.7	90.0	90.1	90.1	90.1	90.1	90.1	90.1
IV 600	64.4	84.0	85.3	88.6	89.3	90.1	90.7	91.0	91.0	91.2	91.4	91.4	91.4	91.4	91.4	91.4
IV 500	64.4	84.1	86.0	89.2	89.8	90.7	91.4	91.8	91.8	92.1	92.2	92.2	92.2	92.2	92.2	92.2
IV 400	64.4	84.3	86.5	90.4	91.4	92.6	93.9	94.3	94.3	94.6	94.7	94.7	94.7	94.7	94.7	94.7
IV 300	64.4	84.3	86.8	90.8	91.8	93.2	94.7	95.1	95.1	95.5	95.7	95.7	95.7	95.7	95.7	95.7
IV 200	64.4	84.3	86.8	90.8	91.8	93.3	95.5	96.1	96.1	96.7	96.8	96.8	96.9	96.9	97.4	97.4
IV 100	64.4	84.3	86.8	90.8	91.8	93.3	95.5	96.2	96.2	97.1	97.5	97.5	98.1	98.1	98.7	99.3
IV 0	64.4	84.3	86.8	90.8	91.8	93.3	95.5	96.2	96.2	97.1	97.5	97.5	98.2	98.2	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 719

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
STATION

ATLANTIC CITY NJ
STATION NAME

73-80
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING ≥ 20000	43.9	51.4	51.9	52.4	52.6	52.8	53.3	53.5	53.5	53.6	53.8	53.8	53.9	53.9	53.9	54.2
IV ≥ 18000	48.5	57.6	58.3	59.2	59.6	59.7	60.4	60.6	60.6	60.7	60.8	60.8	61.0	61.0	61.0	61.3
IV 16000	48.5	57.6	58.3	59.2	59.6	59.7	60.4	60.6	60.6	60.7	60.8	60.8	61.0	61.0	61.0	61.3
IV 14000	48.5	57.6	58.3	59.2	59.6	59.7	60.4	60.6	60.6	60.7	60.8	60.8	61.0	61.0	61.0	61.3
IV 12000	49.2	58.3	59.0	59.9	60.3	60.4	61.1	61.3	61.3	61.4	61.5	61.5	61.7	61.7	61.7	61.9
IV 10000	51.1	61.0	61.9	62.8	63.2	63.3	64.0	64.2	64.2	64.3	64.4	64.4	64.6	64.7	64.7	64.9
IV 9000	51.1	61.0	61.9	62.8	63.2	63.3	64.0	64.2	64.2	64.3	64.4	64.4	64.6	64.7	64.7	64.9
IV 8000	52.2	62.5	63.5	64.3	64.7	64.9	65.8	66.0	66.0	66.1	66.3	66.3	66.5	66.5	66.5	66.8
IV 7000	52.9	63.6	64.6	65.4	65.8	66.0	66.9	67.1	67.1	67.2	67.4	67.4	67.6	67.6	67.6	67.9
IV 6000	53.5	64.3	65.3	66.1	66.5	66.7	67.6	67.8	67.8	67.9	68.1	68.1	68.3	68.3	68.3	68.6
IV 5000	56.7	67.6	68.8	69.6	70.0	70.1	71.1	71.3	71.3	71.4	71.5	71.5	71.8	71.8	71.8	72.1
IV 4500	57.8	69.3	70.4	71.3	71.8	71.9	72.9	73.1	73.1	73.2	73.3	73.3	73.6	73.6	73.6	73.9
IV 4000	59.0	71.0	72.1	73.1	73.8	73.9	75.0	75.1	75.1	75.3	75.4	75.4	75.7	75.7	75.7	76.0
IV 3500	59.7	71.7	72.9	73.9	74.6	74.7	75.8	76.0	76.0	76.1	76.3	76.3	76.5	76.5	76.5	76.8
IV 3000	61.0	74.6	75.8	76.8	77.6	77.8	78.9	79.0	79.0	79.3	79.4	79.4	79.7	79.7	79.7	80.0
IV 2500	62.4	76.7	78.2	79.2	80.0	80.1	81.3	81.4	81.4	81.7	81.8	81.8	82.1	82.1	82.1	82.4
IV 2000	62.9	77.9	79.6	80.6	81.5	81.7	82.8	82.9	82.9	83.2	83.3	83.3	83.8	83.8	83.8	84.0
IV 1800	63.1	78.1	79.7	80.7	81.7	81.8	82.9	83.1	83.1	83.3	83.5	83.5	83.9	83.9	83.9	84.2
IV 1500	63.3	78.3	80.1	81.1	82.2	82.5	83.6	83.8	83.8	84.2	84.3	84.3	84.7	84.7	84.7	85.0
IV 1200	63.9	79.6	81.5	82.8	84.2	84.4	85.6	85.7	85.7	86.1	86.3	86.3	86.7	86.7	86.7	86.9
IV 1000	64.0	80.1	82.1	83.3	84.7	85.0	86.1	86.3	86.3	86.8	86.9	86.9	87.4	87.4	87.4	87.6
IV 900	64.4	80.6	83.1	84.3	85.7	86.0	87.1	87.2	87.2	87.8	87.9	87.9	88.3	88.3	88.3	88.6
IV 800	64.4	80.6	83.1	84.4	86.0	86.3	87.4	87.5	87.5	88.1	88.2	88.2	88.6	88.6	88.6	88.9
IV 700	64.4	81.3	83.8	85.1	86.7	86.9	88.1	88.2	88.2	88.8	88.9	88.9	89.3	89.3	89.3	89.6
IV 600	64.4	81.7	84.2	85.7	87.2	87.5	88.6	88.8	88.8	89.3	89.4	89.4	89.9	89.9	89.9	90.1
IV 500	64.4	82.1	84.7	86.4	87.9	88.5	89.6	89.9	89.9	90.7	90.8	90.8	91.3	91.3	91.3	91.5
IV 400	64.4	82.2	85.0	86.8	88.8	89.7	91.3	91.9	91.9	92.8	92.9	92.9	93.3	93.3	93.3	93.6
IV 300	64.4	82.2	85.0	86.9	88.9	89.9	92.2	92.9	92.9	93.8	93.9	93.9	94.4	94.4	94.4	94.7
IV 200	64.4	82.2	85.0	86.9	88.9	90.0	92.9	93.8	93.8	95.1	95.4	95.4	96.1	96.1	96.3	96.5
IV 100	64.4	82.2	85.0	86.9	89.2	90.3	93.6	94.4	94.4	96.3	96.7	96.7	97.6	97.6	97.9	98.3
IV 0	64.4	82.2	85.0	86.9	89.2	90.3	93.6	94.4	94.4	96.3	96.7	96.7	98.2	98.2	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
 STATION

ATLANTIC CITY NJ
 STATION NAME

73-80
 YEARS

NOV
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	41.5	49.4	50.1	50.8	51.0	51.2	51.4	51.6	51.6	51.7	51.8	51.8	52.0	52.0	52.1	52.5
IV 20000	45.3	55.5	56.3	57.2	57.5	57.7	58.0	58.2	58.2	58.3	58.4	58.4	58.6	58.6	58.7	59.1
IV 18000	45.9	55.5	56.4	57.3	57.6	57.8	58.1	58.3	58.3	58.4	58.5	58.5	58.7	58.7	58.8	59.1
IV 16000	45.9	55.5	56.4	57.3	57.6	57.8	58.1	58.3	58.3	58.4	58.5	58.5	58.7	58.7	58.8	59.1
IV 14000	46.0	55.7	56.5	57.4	57.7	57.9	58.2	58.4	58.4	58.5	58.6	58.6	58.8	58.8	58.9	59.3
IV 12000	46.5	56.3	57.1	58.1	58.5	58.6	58.9	59.1	59.1	59.3	59.4	59.4	59.5	59.5	59.6	60.0
IV 10000	48.4	58.7	59.6	60.5	60.9	61.1	61.4	61.6	61.6	61.8	61.9	61.9	62.0	62.0	62.2	62.5
IV 9000	48.9	59.2	60.2	61.1	61.6	61.9	62.2	62.4	62.4	62.5	62.6	62.6	62.8	62.8	62.9	63.3
IV 8000	50.1	61.0	61.9	62.9	63.5	63.7	64.0	64.3	64.3	64.4	64.5	64.5	64.7	64.7	64.8	65.2
IV 7000	50.9	62.0	63.0	64.0	64.6	64.8	65.1	65.4	65.4	65.5	65.6	65.6	65.8	65.8	65.9	66.3
IV 6000	51.3	62.7	63.6	64.6	65.3	65.6	65.9	66.1	66.1	66.2	66.3	66.3	66.5	66.5	66.6	67.0
IV 5000	52.8	65.4	66.4	67.5	68.2	68.4	68.7	68.9	68.9	69.0	69.2	69.2	69.3	69.3	69.4	69.8
IV 4500	54.6	68.4	69.4	70.6	71.2	71.5	71.8	72.1	72.1	72.2	72.3	72.3	72.5	72.5	72.6	73.0
IV 4000	56.1	70.0	71.1	72.3	73.0	73.3	73.6	73.9	73.9	74.0	74.1	74.1	74.3	74.3	74.4	74.8
IV 3500	57.2	71.4	72.5	73.6	74.5	74.8	75.1	75.4	75.4	75.5	75.6	75.6	75.8	75.8	75.9	76.3
IV 3000	58.6	73.6	74.8	76.3	76.9	77.2	77.6	77.9	77.9	78.0	78.1	78.1	78.3	78.3	78.4	78.8
IV 2500	60.0	75.5	76.8	78.4	79.1	79.4	79.7	80.0	80.0	80.2	80.3	80.3	80.5	80.5	80.6	81.0
IV 2000	60.9	77.0	78.4	80.0	80.7	81.1	81.4	81.7	81.7	82.0	82.1	82.1	82.2	82.2	82.4	82.8
IV 1800	61.2	77.5	78.9	80.6	81.4	81.8	82.1	82.4	82.4	82.6	82.8	82.8	82.9	82.9	83.1	83.5
IV 1500	61.6	78.6	80.1	81.9	82.7	83.2	83.6	83.9	83.9	84.1	84.2	84.2	84.4	84.4	84.5	84.9
IV 1200	62.0	79.6	81.1	82.9	83.8	84.4	84.8	85.1	85.1	85.3	85.4	85.4	85.6	85.6	85.8	86.2
IV 1000	62.2	80.4	82.0	83.9	84.9	85.5	86.0	86.3	86.3	86.6	86.7	86.7	86.9	86.9	87.0	87.4
IV 900	62.3	80.6	82.4	84.3	85.3	86.0	86.6	87.0	87.0	87.2	87.4	87.4	87.5	87.5	87.7	88.1
IV 800	62.3	80.9	82.8	84.8	85.8	86.5	87.1	87.5	87.5	87.7	87.8	87.8	88.0	88.0	88.2	88.6
IV 700	62.4	81.4	83.5	85.7	86.8	87.5	88.2	88.6	88.6	88.8	89.0	89.0	89.1	89.1	89.3	89.7
IV 600	62.4	81.8	83.9	86.3	87.5	88.4	89.1	89.5	89.5	89.8	89.9	89.9	90.1	90.1	90.3	90.7
IV 500	62.4	82.2	84.5	87.3	88.6	89.6	90.7	91.2	91.2	91.5	91.7	91.7	91.9	91.9	92.0	92.4
IV 400	62.5	82.5	85.0	88.1	89.6	91.0	92.4	93.1	93.1	93.6	93.7	93.7	94.0	94.0	94.1	94.5
IV 300	62.5	82.6	85.1	88.3	90.0	91.5	93.1	94.0	94.0	94.7	95.0	95.0	95.2	95.2	95.4	95.8
IV 200	62.5	82.6	85.2	88.6	90.3	91.9	94.0	95.0	95.0	96.0	96.4	96.4	96.8	96.8	97.1	97.6
IV 100	62.5	82.6	85.2	88.6	90.4	92.0	94.1	95.2	95.2	96.4	96.9	96.9	97.6	97.6	98.1	98.6
IV 0	62.5	82.6	85.2	88.6	90.4	92.0	94.1	95.2	95.2	96.4	96.9	96.9	97.7	97.7	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 5757

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93733
STATION

ATLANTIC CITY NJ
STATION NAME

73-80
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥3/16	≥¼	≥0
NO CEILING	49.3	51.9	52.0	52.4	52.4	52.6	52.7	52.7	52.7	53.0	53.1	53.1	53.1	53.1	53.1	53.1
IV 20000	51.7	54.7	54.8	55.2	55.2	55.4	55.5	55.5	55.5	55.8	55.9	55.9	55.9	55.9	55.9	55.9
IV 18000	51.7	54.7	54.8	55.2	55.2	55.4	55.5	55.5	55.5	55.8	55.9	55.9	55.9	55.9	55.9	55.9
IV 16000	51.7	54.7	54.8	55.2	55.2	55.4	55.5	55.5	55.5	55.8	55.9	55.9	55.9	55.9	55.9	55.9
IV 14000	52.2	55.1	55.2	55.6	55.6	55.8	55.9	55.9	55.9	56.2	56.3	56.3	56.3	56.3	56.3	56.3
IV 12000	54.8	57.8	58.1	58.5	58.5	58.6	58.7	58.7	58.7	59.0	59.1	59.1	59.1	59.1	59.1	59.1
IV 10000	57.9	61.3	61.7	62.1	62.1	62.2	62.4	62.4	62.4	62.6	62.8	62.8	62.8	62.8	62.8	62.8
IV 9000	57.9	61.8	62.2	62.6	62.6	62.8	62.9	62.9	62.9	63.2	63.3	63.3	63.3	63.3	63.3	63.3
IV 8000	60.3	64.7	65.1	65.5	65.5	65.6	65.7	65.7	65.7	66.0	66.1	66.1	66.1	66.1	66.1	66.1
IV 7000	61.3	65.6	66.0	66.4	66.4	66.5	66.7	66.7	66.7	66.9	67.1	67.1	67.1	67.1	67.1	67.1
IV 6000	61.7	66.3	66.7	67.1	67.1	67.2	67.3	67.3	67.3	67.6	67.7	67.7	67.7	67.7	67.7	67.7
IV 5000	64.0	70.3	70.7	71.1	71.1	71.2	71.4	71.4	71.4	71.6	71.8	71.8	71.8	71.8	71.8	71.8
IV 4500	65.7	73.1	73.5	74.1	74.1	74.2	74.3	74.5	74.5	74.7	74.9	74.9	74.9	74.9	74.9	74.9
IV 4000	66.8	74.7	75.3	75.8	75.9	76.1	76.2	76.2	76.2	76.5	76.6	76.6	76.6	76.6	76.6	76.6
IV 3500	67.9	75.9	76.5	77.2	77.3	77.4	77.6	77.6	77.6	77.8	78.0	78.0	78.0	78.0	78.0	78.0
IV 3000	70.2	79.0	79.7	80.4	80.5	80.6	80.9	80.9	80.9	81.2	81.3	81.3	81.3	81.3	81.3	81.3
IV 2500	71.6	81.2	81.9	82.7	82.8	82.9	83.2	83.3	83.3	83.6	83.7	83.7	83.7	83.7	83.7	83.7
IV 2000	73.1	83.5	84.3	85.2	85.3	85.5	85.8	85.9	85.9	86.2	86.3	86.3	86.3	86.3	86.3	86.3
IV 1800	73.1	83.9	84.7	85.8	86.0	86.2	86.4	86.6	86.6	86.8	87.0	87.0	87.0	87.0	87.0	87.0
IV 1500	73.1	84.9	85.8	86.8	87.1	87.2	87.6	87.8	87.8	88.0	88.2	88.2	88.2	88.2	88.2	88.2
IV 1200	73.3	86.2	87.0	88.0	88.4	88.6	89.0	89.1	89.1	89.4	89.5	89.5	89.5	89.5	89.5	89.5
IV 1000	73.4	87.0	87.9	89.0	89.4	89.5	89.9	90.1	90.1	90.5	90.6	90.6	90.6	90.6	90.6	90.6
IV 900	73.7	87.4	88.6	89.9	90.7	90.9	91.3	91.4	91.4	91.8	91.9	91.9	91.9	91.9	91.9	91.9
IV 800	73.7	87.4	88.8	90.2	91.0	91.1	91.5	91.7	91.7	92.1	92.2	92.2	92.2	92.2	92.2	92.2
IV 700	74.1	87.8	89.2	90.6	91.5	91.7	92.1	92.2	92.2	92.6	92.7	92.7	92.7	92.7	92.7	92.7
IV 600	74.1	87.9	89.7	91.1	92.2	92.3	92.7	92.9	92.9	93.3	93.4	93.4	93.4	93.4	93.4	93.4
IV 500	74.2	89.0	90.9	92.7	93.8	94.1	94.8	94.9	94.9	95.3	95.4	95.4	95.4	95.4	95.4	95.4
IV 400	74.2	89.2	91.3	93.3	94.4	95.0	96.0	96.1	96.1	96.5	96.6	96.6	96.6	96.6	96.6	96.6
IV 300	74.2	89.4	91.8	93.8	95.2	95.8	96.9	97.0	97.0	97.8	98.3	98.3	98.3	98.3	98.5	98.5
IV 200	74.2	89.4	91.8	93.8	95.6	96.2	97.3	97.6	97.6	98.5	98.9	98.9	98.9	98.9	99.3	99.3
IV 100	74.2	89.4	91.8	93.8	95.6	96.2	97.3	97.6	97.6	98.8	99.2	99.2	99.3	99.3	99.7	99.7
IV 0	74.2	89.4	91.8	93.8	95.6	96.2	97.3	97.6	97.6	98.8	99.2	99.2	99.3	99.3	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
STATION

ATLANTIC CITY NJ
STATION NAME

73-80
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	49.5	52.7	52.8	53.2	53.2	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.6
≥ 20000	52.2	55.8	55.9	56.3	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.7
≥ 18000	52.2	55.8	55.9	56.3	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.7
≥ 16000	52.2	55.8	55.9	56.3	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.7
≥ 14000	52.4	56.0	56.2	56.6	56.6	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.0
≥ 12000	54.7	58.3	58.5	59.0	59.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.4
≥ 10000	57.4	61.3	61.4	62.1	62.1	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.6
≥ 9000	58.2	62.5	62.8	63.4	63.4	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	64.0
≥ 8000	61.0	65.6	66.0	66.7	66.7	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.2
≥ 7000	61.7	66.3	66.7	67.3	67.3	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.9
≥ 6000	62.4	66.9	67.3	68.0	68.0	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.5
≥ 5000	65.6	71.8	72.2	73.1	73.1	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.7
≥ 4500	66.7	73.3	73.7	74.6	74.6	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.1
≥ 4000	67.3	75.1	75.7	76.7	76.7	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.3
≥ 3500	68.8	77.2	77.7	78.8	78.8	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.3
≥ 3000	70.6	79.6	80.6	81.7	81.7	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.3
≥ 2500	72.6	82.4	83.5	84.5	84.5	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.1
≥ 2000	73.0	83.2	84.3	85.3	85.3	85.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.0
≥ 1800	73.3	84.0	85.1	86.4	86.4	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.1
≥ 1500	73.8	85.1	86.4	88.0	88.0	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.7
≥ 1200	73.8	85.6	87.2	88.8	88.8	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.5
≥ 1000	74.3	86.3	88.0	89.9	89.9	90.2	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.7
≥ 900	74.3	86.6	88.3	90.2	90.2	90.6	90.9	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.4
≥ 800	74.3	86.7	88.6	90.5	90.5	91.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.7
≥ 700	74.3	87.0	89.1	91.0	91.4	91.7	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.2
≥ 600	74.5	87.8	90.1	92.2	92.7	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.5
≥ 500	74.9	88.8	91.4	93.8	94.4	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.2
≥ 400	74.9	89.1	91.8	94.5	95.2	95.7	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.8
≥ 300	75.0	89.7	92.3	95.2	96.0	96.8	98.0	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.4
≥ 200	75.0	89.7	92.3	95.3	96.1	96.9	98.3	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	99.3
≥ 100	75.0	89.7	92.3	95.3	96.2	97.0	98.5	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.9
≥ 0	75.0	89.7	92.3	95.3	96.2	97.0	98.5	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0	
NO CEILING	47.5	52.5	53.3	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	54.0	54.0
≥ 20000	51.8	57.5	58.4	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.1	59.1
≥ 18000	51.8	57.5	58.4	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.1	59.1
≥ 16000	51.8	57.5	58.4	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.1	59.1
≥ 14000	52.8	58.4	59.4	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.0	60.0
≥ 12000	54.3	60.2	61.1	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.8	61.8
≥ 10000	55.5	61.6	62.9	63.1	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.7	63.7
≥ 9000	55.7	62.2	63.4	63.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.6	64.6
≥ 8000	57.7	64.7	66.1	66.8	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.4	67.4
≥ 7000	58.4	65.8	67.2	67.8	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.5	68.5
≥ 6000	59.6	67.3	68.6	69.4	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.1	70.1
≥ 5000	62.0	70.5	71.9	72.7	73.2	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.5	73.5
≥ 4500	63.5	72.3	73.9	74.7	75.2	75.2	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.9	75.8
≥ 4000	64.1	73.6	75.2	76.0	76.6	76.6	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.1	77.1
≥ 3500	65.0	75.4	77.1	77.9	78.5	78.5	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.1	79.1
≥ 3000	66.4	77.1	79.1	80.1	80.8	80.8	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.4	81.4
≥ 2500	67.2	78.3	80.8	82.0	82.6	82.6	83.0	83.0	83.0	83.0	83.3	83.3	83.3	83.3	83.3	83.4	83.4
≥ 2000	68.6	80.3	82.9	84.1	85.2	85.3	85.9	85.9	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.3	86.3
≥ 1800	68.6	80.6	83.3	84.5	85.6	85.7	86.3	86.3	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.7	86.7
≥ 1500	69.0	81.4	84.3	85.9	86.9	87.1	87.6	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.2	88.2
≥ 1200	69.3	82.1	84.9	86.5	87.6	87.9	88.4	88.6	88.6	88.8	88.8	88.8	88.8	88.8	88.8	89.0	89.0
≥ 1000	69.7	82.8	85.7	87.5	88.6	88.8	89.5	89.6	89.6	89.9	89.9	89.9	89.9	89.9	89.9	90.0	90.0
≥ 900	69.7	83.0	86.1	88.0	89.1	89.4	90.0	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.6	90.6
≥ 800	69.9	83.6	86.7	88.8	89.9	90.2	90.8	91.0	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.4	91.4
≥ 700	70.3	84.3	87.3	89.6	90.7	91.0	91.7	91.8	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.2	92.2
≥ 600	70.3	84.8	88.2	90.7	91.8	92.1	92.7	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.3	93.3
≥ 500	70.3	85.1	89.0	91.8	93.1	93.5	94.2	94.3	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.8	94.8
≥ 400	70.7	85.6	89.6	92.9	94.5	95.0	95.7	96.1	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.5	96.5
≥ 300	70.7	85.7	89.8	93.3	95.2	96.0	97.2	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.3	98.3
≥ 200	70.7	85.7	89.8	93.4	95.4	96.4	97.7	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3
≥ 100	70.7	85.7	89.8	93.4	95.4	96.4	97.7	98.9	98.9	99.5	99.5	99.5	99.5	99.5	99.6	100.0	100.0
≥ 0	70.7	85.7	89.8	93.4	95.4	96.4	97.7	98.9	98.9	99.5	99.5	99.5	99.5	99.5	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

743

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
 STATION

ATLANTIC CITY NJ
 STATION NAME

73-60
 YEARS

DEC
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	42.2	46.2	47.0	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 20000	48.5	54.0	54.8	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 18000	48.7	54.2	55.0	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 16000	48.7	54.2	55.0	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 14000	48.8	54.3	55.1	55.2	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 12000	51.3	57.1	57.9	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 10000	55.1	61.2	62.0	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 9500	55.6	61.7	62.5	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
≥ 8000	57.1	63.8	64.9	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 7000	57.8	64.8	66.1	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 6000	58.2	65.6	67.1	67.3	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 5000	59.1	66.9	68.5	69.0	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.4	69.4
≥ 4500	61.3	70.3	71.9	72.3	72.3	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.9	72.8
≥ 4000	62.9	72.7	74.3	74.9	74.9	75.1	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.7	75.7
≥ 3500	64.2	74.6	76.3	77.0	77.0	77.3	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.8	77.8
≥ 3000	66.4	77.4	79.2	80.2	80.2	80.5	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	81.0	81.0
≥ 2500	67.1	78.2	80.1	81.3	81.5	81.7	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.3	82.3
≥ 2000	67.7	79.2	81.0	82.5	82.8	83.1	83.3	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.6	83.6
≥ 1800	67.9	79.6	81.5	82.9	83.2	83.5	83.7	83.7	83.7	83.9	83.9	83.9	83.9	83.9	84.0	84.0
≥ 1500	68.0	80.2	82.4	84.0	84.3	84.7	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.2	85.2
≥ 1200	68.1	81.0	83.3	84.9	85.2	85.6	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.2	86.2
≥ 1000	68.1	81.9	84.3	86.3	86.7	87.1	87.5	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.9	87.9
≥ 900	68.1	82.4	85.1	87.6	88.0	88.4	88.8	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.2	89.2
≥ 800	68.1	83.1	85.8	89.0	89.4	89.9	90.5	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.9	90.9
≥ 700	68.1	83.3	86.0	89.7	90.1	90.7	91.3	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.7	91.7
≥ 600	68.1	83.5	86.2	90.2	90.9	91.5	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.5	92.5
≥ 500	68.1	83.7	86.7	91.4	92.6	93.8	94.5	94.9	94.9	95.3	95.3	95.3	95.3	95.3	95.4	95.4
≥ 400	68.1	83.7	86.7	91.7	93.1	94.8	95.7	96.1	96.1	96.5	96.6	96.6	96.6	96.8	96.9	96.9
≥ 300	68.1	83.7	86.8	91.8	93.3	95.2	96.4	96.8	96.8	97.2	97.3	97.3	97.4	97.4	97.6	97.6
≥ 200	68.1	83.7	86.8	91.8	93.3	95.3	96.8	97.6	97.7	98.4	98.7	98.7	98.8	98.9	99.2	99.2
≥ 100	68.1	83.7	86.8	91.8	93.3	95.3	96.8	97.7	97.8	98.5	98.8	98.8	99.3	99.5	99.9	100.0
≥ 0	68.1	83.7	86.8	91.8	93.3	95.3	96.8	97.7	97.8	98.5	98.8	98.8	99.3	99.5	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730

ATLANTIC CITY NJ

73-80

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	≥1%	≥1/4	≥1	≥1/2	≥1/8	≥1/16	≥1/32	≥1/64	≥0
NO CEILING	42.3	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 20000	48.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 18000	48.4	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 16000	48.4	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 14000	48.4	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 12000	52.3	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 10000	54.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 9000	55.5	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 8000	57.3	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 7000	58.1	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 6000	58.5	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 5000	59.3	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 4500	61.7	69.8	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
≥ 4000	63.9	72.8	73.2	73.2	73.2	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 3500	64.8	74.0	74.4	74.4	74.4	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 3000	67.9	77.2	77.6	77.6	77.6	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 2500	70.2	80.7	81.1	81.1	81.1	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 2000	71.4	82.5	82.9	82.9	82.9	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 1800	72.4	83.7	84.1	84.2	84.4	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1500	72.4	84.5	84.9	85.0	85.2	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 1200	72.5	85.6	86.4	86.7	86.8	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1000	72.5	86.8	87.9	88.1	88.3	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 900	72.5	87.2	88.7	89.1	89.5	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 800	72.5	87.9	89.4	90.3	90.7	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 700	72.8	88.4	91.2	91.5	91.9	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 600	72.8	88.4	90.3	92.0	92.5	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 500	72.8	88.7	91.1	93.1	93.8	94.6	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 400	72.8	89.4	92.0	94.2	95.3	96.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 300	72.8	89.4	92.0	94.2	95.4	97.0	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 200	72.8	89.4	92.0	94.2	95.4	97.0	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 100	72.8	89.4	92.0	94.2	95.4	97.0	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 0	72.8	89.4	92.0	94.2	95.4	97.0	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8

TOTAL NUMBER OF OBSERVATIONS 742

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
 STATION

ATLANTIC CITY NJ
 STATION NAME

73-80
 YEARS

DLC
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 0	≥ 0
NO CEILING ≥ 20000	42.9	45.4	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
IV 18000 IV 16000	50.5	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
IV 14000 IV 12000	51.1	55.6	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 10000 IV 9000	55.9	61.3	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
IV 8000 IV 7000	57.1	63.0	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
IV 6000 IV 5000	58.2	64.2	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
IV 4500 IV 4000	61.4	68.3	69.1	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
IV 3500 IV 3000	62.6	69.6	70.4	70.8	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
IV 2500 IV 2000	64.2	72.6	73.5	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IV 1800 IV 1500	67.7	78.2	79.8	81.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 1200 IV 1000	68.5	79.7	81.3	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 900 IV 800	69.8	80.8	82.4	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
IV 700 IV 600	69.9	84.0	86.0	87.2	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 500 IV 400	70.2	85.3	87.4	88.7	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 300 IV 200	70.3	85.9	87.9	89.2	89.8	89.8	89.8	89.8	89.8	90.2	90.2	90.3	90.3	90.3	90.3	90.3
IV 100 IV 0	70.3	86.0	88.2	89.5	90.2	90.2	90.2	90.2	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7
	70.3	86.4	88.8	90.3	91.1	91.1	91.1	91.1	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1
	70.3	86.4	89.2	91.0	91.9	92.3	92.6	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
	70.3	86.6	89.9	91.8	92.9	93.7	95.2	96.0	96.0	96.6	96.6	96.6	96.6	96.6	96.6	96.6
	70.3	86.6	90.5	92.5	94.0	95.2	96.8	97.7	97.7	98.4	98.4	98.4	98.4	98.5	98.5	98.5
	70.3	86.6	90.5	92.5	94.1	95.3	97.3	98.4	98.4	99.2	99.3	99.3	99.3	99.7	99.7	99.7
	70.3	86.7	90.6	92.6	94.2	95.4	97.4	98.5	98.5	99.3	99.5	99.5	99.5	100.0	100.0	100.0
	70.3	86.7	90.6	92.6	94.2	95.4	97.4	98.5	98.5	99.3	99.5	99.5	99.5	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

CLIPAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

53730
STATION

ATLANTIC CITY NJ
STATION NAME

73-80
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	47.0	49.0	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 2000	52.0	54.1	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 1800	52.0	54.1	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 1600	52.0	54.1	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 1400	52.0	54.2	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 1200	53.4	56.1	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 1000	56.7	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 900	57.2	60.3	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 800	58.8	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 700	59.2	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 600	60.2	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 500	62.9	68.1	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 4500	63.3	69.0	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 4000	63.8	69.9	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 3500	66.1	72.4	73.1	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
≥ 3000	67.4	75.0	75.6	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 2500	69.4	78.2	79.0	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 2000	70.4	79.9	80.8	81.4	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 1800	70.5	80.5	81.3	82.0	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 1500	70.9	81.8	82.8	83.4	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1200	70.9	82.8	83.7	84.5	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1000	71.3	84.0	85.2	86.0	86.4	86.7	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 900	71.3	84.8	86.0	86.9	87.3	87.6	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 800	71.5	85.1	86.3	87.3	87.8	88.0	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 700	71.5	85.2	86.4	87.5	88.0	88.3	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 600	71.5	86.0	87.2	88.4	89.2	89.9	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 500	71.7	87.1	88.4	89.9	91.1	92.1	92.5	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 400	71.7	88.0	89.4	91.4	93.0	94.1	94.9	95.6	95.6	95.8	96.0	96.0	96.1	96.1	96.2	96.2
≥ 300	71.9	88.4	89.8	92.2	94.2	95.6	96.5	97.4	97.4	97.8	98.0	98.0	98.1	98.1	98.3	98.3
≥ 200	71.9	88.4	90.0	92.5	94.5	95.8	97.3	98.4	98.4	98.8	99.1	99.1	99.2	99.2	99.3	99.3
≥ 100	71.9	88.4	90.0	92.5	94.5	95.8	97.3	98.4	98.4	98.8	99.2	99.2	99.3	99.5	99.7	99.9
≥ 0	71.9	88.4	90.0	92.5	94.5	95.8	97.3	98.4	98.4	98.8	99.2	99.2	99.3	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 747

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

97730
 STATION

ATLANTIC CITY NJ
 STATION NAME

73-80
 YEARS

DEC
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0	
NO CEILING	50.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.2	53.2	53.2	53.4	53.4	53.5	53.5
IV 20000	53.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.6	56.6	56.6	56.7	56.7	56.9	56.9
IV 18000	53.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.6	56.6	56.6	56.7	56.7	56.9	56.9
IV 16000	53.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.6	56.6	56.6	56.7	56.7	56.9	56.9
IV 14000	53.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.1	57.1	57.1	57.3	57.3	57.4	57.4
IV 12000	55.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	59.0	59.0	59.0	59.1	59.1	59.3	59.3
IV 10000	57.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.3	61.3	61.3	61.4	61.4	61.6	61.6
IV 9000	57.9	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.6	61.6	61.6	61.7	61.7	61.8	61.8
IV 8000	59.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.6	63.6	63.6	63.7	63.7	63.8	63.8
IV 7000	59.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.8	64.8	64.8	64.9	64.9	65.1	65.1
IV 6000	60.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.1	66.1	66.1	66.3	66.3	66.4	66.4
IV 5000	62.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.1	69.1	69.1	69.2	69.2	69.4	69.4
IV 4500	63.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.7	71.0	71.0	71.0	71.1	71.1	71.2	71.2
IV 4000	63.7	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.6	71.9	71.9	71.9	72.0	72.0	72.2	72.2
IV 3500	65.7	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.6	74.9	74.9	74.9	75.0	75.0	75.1	75.1
IV 3000	67.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.7	78.0	78.0	78.0	78.1	78.1	78.2	78.2
IV 2500	69.5	79.8	80.1	80.4	80.6	80.6	80.6	80.6	80.6	80.8	81.0	81.0	81.0	81.2	81.2	81.3	81.3
IV 2000	71.1	82.4	82.7	82.9	83.3	83.3	83.3	83.3	83.3	83.5	83.7	83.7	83.7	83.9	83.9	84.0	84.0
IV 1800	71.2	83.5	83.7	84.0	84.4	84.4	84.4	84.4	84.4	84.7	84.9	84.9	84.9	85.1	85.1	85.2	85.2
IV 1500	71.4	84.4	84.7	84.9	85.3	85.3	85.3	85.3	85.3	85.6	85.9	85.9	85.9	86.0	86.0	86.2	86.2
IV 1200	71.5	85.1	85.3	85.6	86.0	86.0	86.0	86.0	86.0	86.4	86.7	86.7	86.7	86.8	86.8	87.0	87.0
IV 1000	71.9	85.8	86.3	86.7	87.1	87.1	87.1	87.1	87.1	87.5	87.8	87.8	87.8	87.9	87.9	88.0	88.0
IV 900	71.9	85.9	86.4	87.4	87.8	87.8	87.8	87.8	87.8	88.3	88.6	88.6	88.6	88.7	88.7	88.8	88.8
IV 800	72.0	86.3	86.8	87.8	88.2	88.2	88.2	88.2	88.2	88.7	89.0	89.0	89.0	89.1	89.1	89.2	89.2
IV 700	72.0	87.0	87.5	88.6	89.1	89.1	89.1	89.1	89.1	89.7	89.9	89.9	89.9	90.1	90.1	90.2	90.2
IV 600	72.0	87.5	88.0	89.5	90.5	90.5	90.5	90.5	90.5	91.5	91.5	91.5	91.8	91.8	91.8	91.9	91.9
IV 500	72.0	87.8	88.8	90.2	91.1	91.1	91.1	91.1	91.1	92.3	92.5	92.5	92.7	92.7	92.7	92.9	92.9
IV 400	72.0	88.0	88.8	90.5	91.8	91.8	91.8	91.8	91.8	94.8	94.9	94.9	95.2	95.2	95.3	95.3	95.8
IV 300	72.0	88.3	89.1	90.7	92.2	94.8	96.2	96.4	96.4	96.6	96.6	96.6	96.6	96.8	96.8	97.3	97.3
IV 200	72.0	88.6	89.5	91.3	92.9	95.8	97.6	97.7	97.7	97.7	98.4	98.4	98.4	98.5	98.5	99.1	99.1
IV 100	72.0	88.6	89.5	91.3	92.9	95.8	97.7	98.0	98.0	98.0	98.7	98.7	98.7	98.8	98.8	99.3	99.6
IV 0	72.7	88.6	89.5	91.3	92.9	95.8	97.7	98.0	98.0	98.0	98.7	98.7	98.7	98.8	98.8	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

9373C
STATION

ATLANTIC CITY NJ
STATION NAME

73-80
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	≥½	≥5/16	¼	≥0
NO CEILING	46.3	49.5	49.8	50.0	50.0	50.1	50.1	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.3
≥ 2000	51.0	54.9	55.2	55.4	55.4	55.5	55.5	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 1800	51.1	55.0	55.3	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7
≥ 1600	51.1	55.0	55.3	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7
≥ 1400	51.5	55.5	55.8	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2
≥ 2000	53.8	58.0	58.3	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.8
≥ 10000	56.4	60.9	61.3	61.5	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8
≥ 9000	56.8	61.5	62.0	62.2	62.2	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.5	62.5
≥ 8000	58.6	63.9	64.4	64.6	64.7	64.8	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 7000	59.3	64.9	65.4	65.7	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.0	66.0	66.0
≥ 6000	59.9	65.8	66.4	66.6	66.7	66.8	66.8	66.8	66.8	66.9	66.9	66.9	66.9	66.9	67.0	67.0
≥ 5000	61.9	68.7	69.3	69.6	69.7	69.8	69.8	69.8	69.8	69.9	69.9	69.9	69.9	69.9	70.0	70.0
≥ 4500	63.3	70.8	71.4	72.0	72.1	72.1	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.4	72.4
≥ 4000	64.4	72.5	73.3	73.7	73.8	73.9	74.0	74.0	74.0	74.1	74.1	74.1	74.2	74.2	74.2	74.2
≥ 3500	65.9	74.5	75.4	75.9	76.0	76.1	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.5
≥ 3000	67.9	77.4	78.3	78.9	79.1	79.2	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.6	79.6
≥ 2500	69.4	79.6	80.8	81.5	81.7	81.8	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.2	82.2
≥ 2000	70.5	81.3	82.5	83.3	83.6	83.8	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.2	84.2
≥ 1800	70.7	82.1	83.3	84.1	84.5	84.7	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.1	85.1
≥ 1500	71.0	83.1	84.4	85.4	85.7	85.9	86.2	86.2	86.2	86.3	86.3	86.3	86.4	86.4	86.4	86.4
≥ 1200	71.2	84.0	85.5	86.6	86.9	87.1	87.4	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.7	87.7
≥ 1000	71.4	84.9	86.5	87.7	88.1	88.3	88.7	88.8	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0
≥ 900	71.5	85.3	87.1	88.5	89.0	89.3	89.6	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	90.0
≥ 800	71.5	85.7	87.5	89.1	89.7	89.9	90.3	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.7	90.7
≥ 700	71.7	86.1	88.0	89.7	90.4	90.6	91.0	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.4
≥ 600	71.7	86.5	88.6	90.6	91.4	91.7	92.1	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.6	92.6
≥ 500	71.8	87.1	89.4	91.7	92.7	93.3	93.9	94.2	94.2	94.4	94.4	94.4	94.4	94.5	94.5	94.5
≥ 400	71.8	87.5	89.9	92.5	93.8	94.8	95.8	96.1	96.1	96.5	96.5	96.5	96.6	96.6	96.7	96.7
≥ 300	71.9	87.6	90.3	93.0	94.4	95.8	97.0	97.5	97.5	97.9	98.0	98.0	98.1	98.1	98.2	98.2
≥ 200	71.9	87.7	90.3	93.1	94.7	96.1	97.6	98.2	98.2	98.9	99.0	99.0	99.1	99.2	99.4	99.4
≥ 100	71.9	87.7	90.4	93.1	94.7	96.1	97.7	98.3	98.4	99.1	99.2	99.2	99.4	99.5	99.8	99.7
≥ 0	71.9	87.7	90.4	93.1	94.7	96.1	97.7	98.3	98.4	99.1	99.2	99.2	99.4	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 5948

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

93730
STATION

ATLANTIC CITY NJ
STATION NAME

73-81
YEARS

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¼	≥0
NO CEILING ≥ 20000	37.3	46.9	48.8	50.2	50.9	51.2	51.4	51.6	51.6	51.7	51.8	51.8	51.9	51.9	52.0	52.2
IV ≥ 18000	41.5	53.0	55.3	57.0	57.8	58.2	58.5	58.7	58.7	58.8	58.9	58.9	59.0	59.0	59.2	59.3
IV ≥ 16000	41.5	53.1	55.4	57.1	57.8	58.2	58.5	58.7	58.7	58.9	58.9	58.9	59.1	59.1	59.2	59.4
IV ≥ 14000	41.7	53.4	55.7	57.4	58.2	58.5	58.9	59.1	59.1	59.2	59.3	59.3	59.4	59.4	59.5	59.7
IV ≥ 12000	42.6	54.8	57.1	59.0	59.8	60.1	60.5	60.7	60.7	60.9	60.9	60.9	61.0	61.0	61.2	61.4
IV ≥ 10000	44.3	57.3	59.8	61.8	62.6	63.0	63.4	63.6	63.6	63.8	63.9	63.9	64.0	64.0	64.1	64.3
IV ≥ 9000	44.8	57.9	60.5	62.5	63.4	63.8	64.1	64.3	64.3	64.5	64.6	64.6	64.7	64.7	64.8	65.1
IV ≥ 8000	46.2	60.3	63.0	65.1	66.1	66.5	66.9	67.1	67.1	67.3	67.4	67.4	67.5	67.5	67.6	67.8
IV ≥ 7000	47.0	61.4	64.2	66.3	67.3	67.7	68.1	68.4	68.4	68.5	68.6	68.6	68.8	68.8	68.9	69.1
IV ≥ 6000	47.4	61.9	64.8	66.9	67.9	68.3	68.7	69.0	69.0	69.2	69.2	69.2	69.4	69.4	69.5	69.7
IV ≥ 5000	48.7	64.0	67.0	69.2	70.2	70.7	71.1	71.3	71.3	71.5	71.6	71.6	71.7	71.7	71.9	72.1
IV ≥ 4500	50.1	66.2	69.2	71.5	72.6	73.1	73.5	73.8	73.8	74.0	74.1	74.1	74.2	74.2	74.3	74.5
IV ≥ 4000	51.2	68.0	71.1	73.6	74.7	75.2	75.6	75.9	75.9	76.1	76.2	76.2	76.3	76.3	76.5	76.7
IV ≥ 3500	52.2	69.4	72.6	75.1	76.3	76.8	77.3	77.5	77.5	77.7	77.8	77.8	78.0	78.0	78.1	78.3
IV ≥ 3000	53.3	71.2	74.6	77.3	78.6	79.1	79.6	79.8	79.8	80.1	80.1	80.1	80.3	80.3	80.4	80.6
IV ≥ 2500	54.3	72.9	76.5	79.3	80.6	81.1	81.6	81.9	81.9	82.1	82.2	82.2	82.3	82.4	82.5	82.7
IV ≥ 2000	54.9	74.2	77.9	80.8	82.2	82.8	83.3	83.6	83.6	83.9	83.9	83.9	84.1	84.1	84.2	84.4
IV ≥ 1800	55.2	74.7	78.5	81.5	82.9	83.5	84.0	84.3	84.3	84.6	84.6	84.6	84.8	84.8	84.9	85.1
IV ≥ 1500	55.5	75.7	79.6	82.7	84.2	84.9	85.4	85.8	85.8	86.0	86.1	86.1	86.2	86.3	86.4	86.6
IV ≥ 1200	55.7	76.4	80.4	83.6	85.2	85.9	86.5	86.8	86.8	87.1	87.2	87.2	87.3	87.3	87.4	87.7
IV ≥ 1000	55.9	77.1	81.2	84.6	86.3	87.0	87.7	88.1	88.1	88.3	88.5	88.5	88.6	88.6	88.8	89.0
IV ≥ 900	55.9	77.4	81.6	85.1	86.9	87.6	88.3	88.7	88.7	89.0	89.1	89.1	89.3	89.3	89.4	89.7
IV ≥ 800	56.0	77.7	82.0	85.6	87.4	88.2	89.0	89.4	89.4	89.7	89.8	89.8	90.0	90.0	90.1	90.3
IV ≥ 700	56.1	78.1	82.5	86.3	88.2	89.1	89.8	90.3	90.3	90.6	90.8	90.8	90.9	91.0	91.1	91.3
IV ≥ 600	56.1	78.4	82.9	86.9	88.9	89.9	90.8	91.3	91.3	91.7	91.8	91.8	92.0	92.0	92.2	92.4
IV ≥ 500	56.2	78.7	83.4	87.7	89.9	91.1	92.2	92.9	92.9	93.4	93.5	93.5	93.8	93.8	93.9	94.1
IV ≥ 400	56.2	79.0	83.8	88.3	90.7	92.0	93.4	94.2	94.3	94.9	95.1	95.1	95.3	95.4	95.5	95.7
IV ≥ 300	56.2	79.1	83.9	88.5	91.1	92.6	94.2	95.2	95.3	96.1	96.4	96.4	96.7	96.7	96.9	97.1
IV ≥ 200	56.2	79.1	84.0	88.7	91.3	92.9	94.6	95.8	95.9	96.9	97.3	97.3	97.8	97.8	98.1	98.4
IV ≥ 100	56.2	79.1	84.0	88.7	91.3	92.9	94.7	95.9	96.0	97.1	97.6	97.6	98.2	98.3	98.8	99.3
IV ≥ 0	56.2	79.1	84.0	88.7	91.3	92.9	94.7	95.9	96.0	97.1	97.6	97.6	98.3	98.4	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 70066

PART D

SKY COVER

Stations that report both synoptic and airways observations have had their sky cover reports converted into airways. The synoptic hours have significantly lower observation counts than the airways, hence, a small percentage of observations were reported in the 1/10, 4/10, 5/10, 6/10, and 8/10 categories. In order to use this data more beneficially we have combined:

1/10 and 4/10 into the 3/10 (scattered) category
5/10, 6/10 and 8/10 into the 9/10 (broken) category
0/10 is the clear category
10/10 is the overcast category

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SKY COVER

93730

ATLANTIC CITY NJ

74-81

APR

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
APR	00-02	38.7			13.8						11.8	35.7	5.1	719
	03-05	34.6			19.2						12.1	34.0	5.1	717
	06-08	24.6			22.3						21.1	32.0	5.8	719
	09-11	18.7			24.0						25.9	31.5	6.2	718
	12-14	15.7			23.2						27.2	33.9	6.5	720
	15-17	18.5			19.6						26.1	35.8	6.5	720
	18-20	22.5			22.1						21.3	34.2	6.0	720
	21-23	38.0			14.6						12.0	35.4	5.1	718
TOTALS		26.4			19.9						19.7	34.1	5.8	5751

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SKY COVER

93730

ATLANTIC CITY NJ

73-80

JUN

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02	33.6			16.4						15.4	34.7	5.3	709
	03-05	22.5			21.9						17.8	37.6	6.0	703
	06-08	17.9			20.8						25.3	36.0	6.5	716
	09-11	12.8			27.4						27.1	32.8	6.5	720
	12-14	5.6			31.4						35.8	27.2	6.9	717
	15-17	8.3			29.7						35.7	26.3	6.7	711
	18-20	12.9			27.1						33.8	26.2	6.5	713
	21-23	24.8			24.2						18.1	32.9	5.6	711
	TOTALS	17.3			24.9						26.1	31.7	6.3	5700

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SKY COVER

93730

ATLANTIC CITY NJ

73-80

JUL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
JUL	00-02	33.8			14.9						15.0	36.3	5.4	725
	03-05	22.7			22.2						19.3	35.8	6.0	706
	06-08	19.9			23.8						26.4	30.0	6.1	724
	09-11	13.5			26.8						32.3	27.4	6.4	731
	12-14	4.5			35.9						36.4	23.2	6.7	741
	15-17	9.2			30.3						38.0	22.4	6.6	736
	18-20	14.3			28.4						29.8	27.6	6.3	736
	21-23	28.1			21.4						18.5	32.0	5.5	719
TOTALS		18.3			25.5						27.0	29.3	6.1	5818

USAFETAC

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SKY COVER

93730

ATLANTIC CITY NJ

73-80

SEP

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L ST.)	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
SFP	00-02	37.3			15.6						15.2	31.8	5.0	710
	03-05	33.6			17.4						15.7	33.3	5.3	694
	06-08	19.0			24.8						25.2	31.0	6.1	710
	09-11	15.6			26.0						27.1	31.3	6.4	719
	12-14	8.8			32.4						31.8	27.1	6.5	720
	15-17	12.2			34.1						25.6	28.1	6.1	719
	18-20	22.4			26.5						21.7	29.4	5.7	714
	21-23	32.9			23.1						14.8	29.2	4.9	702
TOTALS		22.7			25.0						22.1	30.2	5.8	5686

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SKY COVER

93730

ATLANTIC CITY NJ

73-81

ALL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
JAN	ALL	23.6			19.0						17.5	40.9	6.2	5941
FEB		31.0			19.7						15.4	34.0	5.4	5413
MAR		24.2			17.1						20.2	38.5	6.2	5941
APR		26.4			19.9						19.7	34.1	5.8	5751
MAY		17.2			22.0						22.0	38.9	6.5	5919
JUN		17.3			24.9						26.1	31.7	6.3	5700
JUL		18.3			25.5						27.0	29.3	6.1	5818
AUG		18.7			25.3						27.3	28.8	6.1	5811
SEP		22.7			25.0						22.1	30.2	5.8	5688
OCT		29.3			21.9						18.8	30.0	5.4	5890
NOV		25.8			20.4						19.8	34.0	5.8	5708
DEC		26.8			18.3						17.8	37.2	5.9	5947
TOTALS		23.4			21.5						21.1	34.0	6.0	69527

USAFETAC

FORM
 JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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 (σ_x). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

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

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

2

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC
 STATION 5177 ATLANTIC CITY NJ
 STATION NAME

45-61

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
105						.1							.0
100						.2							.1
95					.2	2.1	3.9	1.7					.7
90				.3	1.9	9.8	16.8	12.6	3.8				3.8
85			.2	1.9	6.9	26.0	42.7	37.8	14.3	1.0			10.9
80			1.1	5.4	16.2	50.1	75.5	68.4	35.1	6.1	.4		21.6
75	.1		2.6	11.3	32.7	71.8	95.7	91.7	59.5	15.6	1.3		31.9
70	.5	.8	4.9	19.7	53.9	87.3	99.4	98.7	81.1	36.3	6.6	.5	40.8
65	1.9	2.5	10.5	32.4	73.3	96.6	100.0	100.0	93.4	59.1	17.4	2.6	49.1
60	5.1	5.7	18.7	52.1	87.8	99.5			99.1	79.1	35.4	7.8	57.5
55	11.6	12.7	30.4	71.6	96.1	100.0			99.9	91.8	55.0	18.5	65.6
50	22.4	25.3	50.3	90.3	99.6				100.0	97.7	72.6	33.3	74.3
45	36.3	40.8	69.5	98.2	100.0					99.6	87.3	51.9	82.0
40	54.9	61.0	86.5	99.8						100.0	96.1	69.8	89.0
35	72.9	78.9	95.5	100.0							99.3	84.0	94.2
30	86.5	90.3	99.1								99.8	94.3	97.5
25	94.6	96.4	99.7								100.0	98.6	99.1
20	98.2	98.5	100.0									99.8	99.7
15	99.5	99.4										100.0	99.9
10	99.9	100.0											100.0
5	100.0												100.0
MEAN	41.2	42.5	50.5	61.1	70.4	79.1	83.6	82.4	76.2	66.3	55.5	45.0	62.8
S. D.	10.842	10.372	10.551	9.865	9.152	8.029	5.861	5.905	7.462	8.273	9.239	10.071	17.563
TOTAL OBS.	1116	1045	1146	1080	1116	1065	1116	1116	1080	1116	1080	1116	13192

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC
 49730 ATLANTIC CITY NJ
 STATION STATION NAME

DAILY TEMPERATURES

45-81

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
85						.7	2.8	1.3	.2				.4
80					.5	6.2	20.4	14.5	4.5				3.9
75			.1	.2	3.7	25.4	52.6	47.0	18.1	.9			12.4
70			.2	1.7	12.3	50.9	84.8	76.8	37.6	5.1	.3		22.5
65			1.2	7.3	31.6	75.0	98.0	95.1	62.6	16.1	2.3		32.4
60	.4	.1	3.7	16.4	54.3	92.0	100.0	99.6	83.9	37.0	8.5	.7	41.4
55	1.5	1.3	9.0	30.2	78.1	98.9		100.0	94.8	58.9	19.1	2.7	49.5
50	5.6	5.5	18.4	55.1	93.5	100.0			99.2	79.4	36.2	8.6	58.4
45	13.3	13.6	32.2	79.8	98.9				100.0	92.1	56.8	20.7	67.3
40	25.8	28.9	57.6	95.3	100.0					98.3	76.4	37.3	76.6
35	44.1	49.8	80.3	99.4						99.9	91.7	57.5	85.2
30	63.1	66.4	92.5	100.0						100.0	98.1	74.9	91.3
25	78.5	81.9	97.8								99.7	88.5	95.6
20	90.1	93.2	99.5								100.0	96.2	98.3
15	96.0	97.3	99.9									99.4	99.4
10	99.0	99.0	100.0									100.0	99.8
5	99.6	99.6											99.9
0	99.9	100.0											100.0
-5	100.0												100.0
MEAN	32.8	33.8	41.6	51.3	60.6	69.5	74.9	73.7	67.0	56.5	46.5	36.4	53.7
S D	10.379	9.925	8.915	7.976	7.502	6.844	5.144	5.476	7.483	8.116	8.878	9.554	16.994
TOTAL OBS	1116	1045	1146	1080	1115	1065	1116	1116	1090	1116	1080	1116	13191

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

93730 ATLANTIC CITY NJ

45-81

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
45		58	87	86	83	100	97	93	87	80	76	56	
46	63	67	76			90	90	89	88	85	71	68	
47	65	52	64	78	87	93	92	94	87	85	63	60	94
48	48	65*	83	75	89	95	90	102	87	77	72	61	102
49	62	72	78	74	93	94	98	97	84	84	72	64	98
50	73	55	67	75	91	89	92	89	88	79	84	68	92
51	65	71	61	83	86	89	93	92	85	87	71	72	93
52	66	59	77	85	83	98	96	88	95	83	71	58	98
53	67	64	70	79	86	92	97	97	97	81	74	65	97
54	64	72	70	84	83	91	96	92	89	87	65	60	96
55	56	56	71	80	89	89	99	98	86	82	77	65	99
56	57	61	66	82	90	95	93	91	90	80	72	72	95
57	60	65	74	89	88	95	100	90	93	77	68	59	100
58	55	58	55	75	83*	92	93	91	88	83	71	57	93
59	58	60	69	85	91	98	91	92	89	90	73	61	98
60	56	63	78	89	84	90	91	93	88	84	71	65	93
61	58	73	78	87	83	92	94	92	95	81	77	60	95
62	58	60	74	86	96	94	91	94	87	86	64	61	96
63	56	60	81	85	93	97	98	90	86	83	71	56	98
64	64	55	71	86	94	97	97	92	92	78	74	63	97
65	65	69	67	85	93	96	97	94	92	75	76	65	97
66	65	59	64	76	87	96	104	95	90	78	73	72	104
67	78	63	79	90	82	92	91	90	85	87	69	60	92
68	60	50	81	82	86	97	99	97	90	84	75	61	99
69	55	47	71	94	99	106	97	94	93	82	65	59	106
70	60	60	60	78	89	89	88	92	93	81	66	63	93
71	54	70	67	75	82	91	91	87	85	77	76	66	91
72	60	66	72	80	79	85	96	95	91	75	70	63	96
73	63	61	74	82	82	93	93	97	93	83	75	67	97
74	72	59	76	92	93	91	95	90	87	79	81	61	95
MEAN													
S. D.													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC

FORM
JUL 64

0-88-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES
 MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

93730 ATLANTIC CITY NJ 45-81 YEARS

STATION

STATION NAME

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
75	68	60	66	75	86	90	92	97	81	82	74	61	97
76	60	70	75	88	83	91	92	92	88	76	64	55	92
77	47	69	80	85	91	90	96	92	91	79	74	61	96
78	60	45	68	80	88	91	95	90	87	78	71	70	95
79	58	57	85	73	89	88	91	93	85	83	70	64	93
80	56	58	60	70	86	90	94	93	94	75	69	69	94
81	53	69	72	85	87								
MEAN	60.7	61.6	71.8	82.0	87.6	93.0	94.4	92.9	89.1	81.3	71.8	63.0	96.1
S.D.	6.458	6.970	7.294	5.848	4.562	4.091	3.451	3.169	3.601	3.837	4.628	4.598	3.309
TOTAL OBS	1116	1045	1146	1080	1116	1065	1116	1116	1080	1116	1080	1116	13192

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC

FORM JUL 64

0-88-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES
 MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

93730
 STATION

ATLANTIC CITY NJ
 STATION NAME

45-81
 YEARS

WHOLE DEGREES FAHRENHEIT

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
45		12	25	33	40	43	52	54	50	32	23	9	
46	10	11	20			42	53	53	48	40	25	13	
47	12	5	15	27*	32	45	57	55	35	33	22	15	5
48	0	8*	11	30	39	48	56	58	44	29	30	8	0
49	22	12	17	34	42	48	57	53	43	32	20	15	12
50	17	9	9	25	39	46	54	55	39	31	23	10	9
51	15	9	21	34	42	47	60	53	37	39	19	7	7
52	8	18	20	31	41	51	52	49	46	26	21	18	8
53	21	15	18	33	44	49	56	55	44	34	28	12	12
54	6	6	20	24	38	46	56	53	45	34	26	13	6
55	8	3	19	35	40	50	58	56	45	34	16	8	3
56	4	13	17	28	37	47	56	53	38	35	17	17	4
57	-4	21	24	28	34	46	53	51	37	31	23	14	-4
58	5	4	25	30	41*	45	60	52	41	37	18	2	2
59	6	9	18	32	39	49	56	55	39	30	21	11	6
60	17	18	9	27	37	47	57	53	48	31	26	6	6
61	-8	-4	17	30	37	48	56	52	42	31	23	11	-8
62	7	4	12	25	38	53	55	55	37	30	23	4	4
63	3	5	24	30	36	50	55	51	36	38	27	9	3
64	3	14	23	23	40	48	58	50	46	26	11	6	3
65	-8	2	13	24	42	41	46	40	35	26	19	9	-8
66	0	0	17	26	25	39	51	55	44	27	23	8	0
67	10	-7	7	24	32	37	53	55	32	24	14	6	-7
68	0	2	16	23	35	44	53	46	39	25	18	0	0
69	1	7	11	12	34	42	52	43	32	23	18	16	1
70	3	8	17	28	36	49	58	54	41	36	21	11	3
71	3	-1	19	25	36	47	49	46	41	38	19	16	-1
72	6	7	19	25	37	38	54	47	45	26	21	17	6
73	12	10	25	30	39	53	55	53	42	34	22	12	10
74	10	7	19	30	34	47	51	50	35	26	17	18	7
MEAN													
S. D.													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OLA) # (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

93730 STATION ATLANTIC CITY NJ STATION NAME 45-91 YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
75	15	12	16	22	37	46	51	51	37	26	22	9	9
76	1	4	14	25	32	40	49	40	38	25	13	6	1
77	-13	4	23	19	35	42	50	52	45	35	25	6	-10
78	12	4	8	27	26	44	51	58	35	28	24	14	4
79	3	-11	17	28	37	45	48	46	34	30	20	13	-11
80	7	5	5	26	38	37	47	50	39	28	18	-2	-2
81	-6	2	11	22	26								
MEAN	5.9	6.7	16.9	27.1	36.7	45.5	53.8	51.4	40.4	30.8	21.0	10.2	2.4
S. D.	7.838	6.667	5.356	4.638	4.450	4.196	3.541	4.411	4.753	4.638	4.154	4.973	6.296
TOTAL OBS	1116	1045	1146	1080	1115	1065	1116	1116	1080	1116	1080	1116	13191

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OL A) JUL 64 # (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMA

93736 STATION ATLANTIC CITY N.J. STATION NAME 74-81 YEARS JAN MONTH

PAGE 1 0000-02 HOURS (L. S.)

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			
60/ 59			.1															1	1					
58/ 57		.4																3	3					
56/ 55	.1	.7	.3															9	9	7				
54/ 53	.8	.5	.3				.1											13	13	12				
52/ 51	.3	.8	.1				.1											10	10	6				
50/ 49	.4	.7	.3	.1														11	11	12				
48/ 47	.8	.5	.4	.1	.1													15	15	13				
46/ 45	.1	1.2	.1		.1													12	12	7				
44/ 43	.3	1.5	.1	.1														15	15	16				
42/ 41	1.1	1.5	.1	.3														22	22	25				
40/ 39	1.1	.8	.4		.3													19	19	19				
38/ 37	.7	1.5	.7	.4														24	24	20				
36/ 35	.5	3.8	1.9	.4														49	49	20				
34/ 33	.4	2.6	2.2	.7														43	43	41				
32/ 31	2.0	5.6	2.4	.1														76	76	55				
30/ 29	2.3	2.8	2.2	.8														60	60	74				
28/ 27	1.9	1.5	1.2	.4														37	37	52				
26/ 25	1.1	2.8	2.7	.1														50	50	39				
24/ 23	.3	1.7	1.2															24	24	36				
22/ 21	.5	2.4	2.7															42	42	42				
20/ 19	1.9	3.5	2.4															58	58	50				
18/ 17	.8	2.4	1.3															34	34	52				
16/ 15	.4	3.1	.1															27	27	31				
14/ 13	.5	2.4	.8															28	28	32				
12/ 11	.7	.8	.3															13	13	24				
10/ 9	.5	1.5	.1															16	16	17				
8/ 7	.1	1.2																10	10	14				
6/ 5	.1	.3																3	3	6				
4/ 3	.3	.7																7	7	5				
2/ 1	.9																	7	7	11				
0/ -1	.1	.1																2	2	1				
-2/ -3	.1																	1	1	2				
-4/ -5	.1																	1	1	1				
-6/ -7	.3																	2	2	2				
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																		
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total												
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

AD-A113 180

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
ATLANTIC CITY, NEW JERSEY, REVISED UNIFORM SUMMARY OF SURFACE W--ETC(U)
NOV 81

UNCLASSIFIED

USAFETAC/DS-81/102

SBI-AD-E850 134

NL

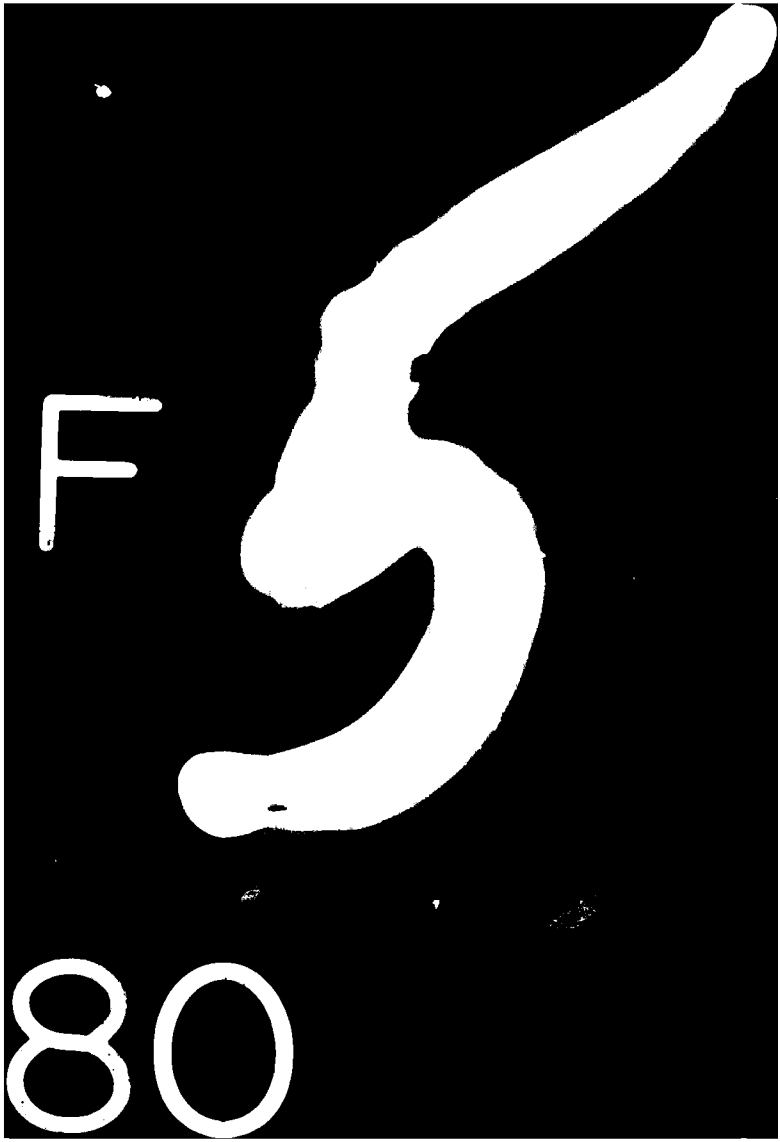
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12

12

The table consists of 10 columns and 10 rows. The top-left cell is empty. The rest of the cells are filled with black redaction marks. There is a small black square in the top-left cell of the grid.



GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93731 STATION ATLANTIC CITY NJ STATION NAME 74-81 YEARS JAN MONTH

PAGE 2 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL																																																																														
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																																																																													
-8/-9																					4																																																																													
-11/-11																					4																																																																													
-14/-15																					2																																																																													
TOTAL	21.6	49.3	24.5	3.6	.8		.1											744	744	744																																																																														
																		744	744																																																																															
<table border="1"> <thead> <tr> <th>Element (X)</th> <th>$\sum X^2$</th> <th>$\sum X$</th> <th>\bar{X}</th> <th>s_n</th> <th>No. Obs.</th> <th colspan="5">Mean No. of Hours with Temperature</th> <th>Total</th> </tr> <tr> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>≤ 0 F</th> <th>≤ 32 F</th> <th>≥ 67 F</th> <th>≥ 73 F</th> <th>≥ 80 F</th> <th>≥ 93 F</th> <th></th> </tr> </thead> <tbody> <tr> <td>Rel. Hum.</td> <td>4527685</td> <td>56835</td> <td>76.4</td> <td>15.822</td> <td>744</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Dry Bulb</td> <td>700615</td> <td>21019</td> <td>28.3</td> <td>11.989</td> <td>744</td> <td>.8</td> <td>62.3</td> <td></td> <td></td> <td></td> <td></td> <td>93</td> </tr> <tr> <td>Wet Bulb</td> <td>624263</td> <td>19661</td> <td>26.4</td> <td>11.871</td> <td>744</td> <td>.8</td> <td>68.3</td> <td></td> <td></td> <td></td> <td></td> <td>93</td> </tr> <tr> <td>Dew Point</td> <td>493784</td> <td>15918</td> <td>21.4</td> <td>14.360</td> <td>744</td> <td>5.4</td> <td>74.4</td> <td></td> <td></td> <td></td> <td></td> <td>93</td> </tr> </tbody> </table>																						Element (X)	$\sum X^2$	$\sum X$	\bar{X}	s_n	No. Obs.	Mean No. of Hours with Temperature					Total							≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F		Rel. Hum.	4527685	56835	76.4	15.822	744								Dry Bulb	700615	21019	28.3	11.989	744	.8	62.3					93	Wet Bulb	624263	19661	26.4	11.871	744	.8	68.3					93	Dew Point	493784	15918	21.4	14.360	744	5.4	74.4					93
Element (X)	$\sum X^2$	$\sum X$	\bar{X}	s_n	No. Obs.	Mean No. of Hours with Temperature					Total																																																																																							
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GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY, N.J. STATION NAME 74-81 YEARS JAN MONTH

PAGE 1 0300-0500 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/ 59		.1																1	1			
58/ 57	.3	.1																3	3	3	2	
56/ 55	.1	.8																7	7	3	4	
54/ 53	.5	.7	.4															12	12	11	9	
52/ 51	.4	.5	.3															9	9	7	7	
50/ 49	.7	.5	.5															13	13	14	9	
48/ 47	.1	.5	.3	.3	.1													10	10	4	7	
46/ 45	.5	.3	.4	.5	.1													14	14	13	8	
44/ 43	.1	1.6	.3	.1	.1													17	17	10	11	
42/ 41	.4	1.2	.7	.3														19	19	19	8	
40/ 39	1.1	1.6		.3														22	22	26	21	
38/ 37	.5	1.7	.3	.1	.1													21	21	20	17	
36/ 35	.9	4.2	1.9	.3	.1													55	55	22	18	
34/ 33	.5	3.2	2.0	.4														46	46	49	28	
32/ 31	1.9	4.3	2.6	.3														67	67	46	46	
30/ 29	1.6	1.7	1.5	.4														39	39	68	35	
28/ 27	2.2	2.8	1.1	.3														47	47	47	38	
26/ 25	.9	2.0	1.3	.3														34	34	47	36	
24/ 23		2.0	1.1															23	23	23	32	
22/ 21	.4	2.4	3.1	.1														45	45	32	34	
20/ 19	1.7	3.5	3.8															67	67	52	35	
18/ 17	.8	3.5	.4															35	35	56	27	
16/ 15	.1	2.6	.1															21	21	45	36	
14/ 13	.4	2.0	.9															25	25	17	28	
12/ 11	.8	1.7	.1															20	20	20	40	
10/ 9	.8	1.7	.1															20	20	30	41	
8/ 7	1.3	.9	.1															18	18	19	42	
6/ 5	.1	.4																4	4	10	21	
4/ 3	.7	.4																8	8	9	37	
2/ 1		.8																6	6	3	15	
0/ -1	.8																	6	6	9	13	
-2/ -3	.1																	1	1	1	11	
-4/ -5	.7																	5	5	5	3	
-6/ -7																					7	
Element (X)	Σ X²		Σ X		Σ	σ _x	No. Obs.		Mean No. of Hours with Temperature							Total						
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																						
Wet Bulb																						
Dew Point																						

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLCSAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY NJ STATION NAME 74-81 YEARS JAN MONTH
 PAGE 2 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	
-8/-9	.4																	3	3	3	8	
-10/-11																					3	
-12/-13																					2	
-14/-15																					4	
TOTAL	22.2	50.2	23.3	3.6	.7												743	743	743	743		
Element (X)	Σ X ²		Σ X		Σ	σ _x	No. Obs.		Mean No. of Hours with Temperature								Total					
Rel. Hum.	4595524		57282		77.1	15.546	743		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93							
Dry Bulb	669935		20255		27.3	2.598	743		1.9	61.8					93							
Wet Bulb	598179		18963		25.5	2.406	743		2.3	67.8					93							
Dew Point	474257		15345		20.7	4.562	743		6.4	74.3					93							

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY N.J. STATION NAME 74-81 YEARS JAN 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/ 59			.1															1	1		
58/ 57	.1	.4																4	4	2	1
56/ 55	.3	.3																4	4	6	6
54/ 53	.8	.7																11	11	8	8
52/ 51	.5	.3	.1															7	7	8	8
50/ 49	.4	1.1	.3	.3														15	15	7	7
48/ 47		.7	.4															8	8	7	5
46/ 45		.9	.8	.1	.4													17	17	10	6
44/ 43	.1	1.1	.7															14	14	14	5
42/ 41	.4	.8	.4	.1														13	13	16	19
40/ 39	1.3	1.2	.1	.7														25	26	20	16
38/ 37	1.2	3.5	.5	.1														40	40	29	18
36/ 35	.4	2.3	1.3	.7														35	35	34	21
34/ 33	1.3	2.7	2.2	.1														47	47	34	36
32/ 31	2.0	5.0	2.2	.5														72	72	53	33
30/ 29	1.6	3.1	.9	.7														47	47	63	34
28/ 27	1.2	2.2	1.6	.7														42	42	50	40
26/ 25	1.9	2.4	1.1	.1														41	41	39	40
24/ 23	.4	1.5	1.1															22	22	41	47
22/ 21	.4	2.3	1.5															31	31	24	25
20/ 19	.9	5.5	2.0															63	63	44	25
18/ 17	.8	3.2	.9															37	37	51	21
16/ 15	.9	2.4																25	25	49	44
14/ 13	1.1	2.8	.7															34	34	24	26
12/ 11	.7	1.6																17	17	28	38
10/ 9	.7	1.6																17	17	17	55
8/ 7	.9	1.1	.1															16	16	20	43
6/ 5	.4	1.1																11	11	13	22
4/ 3	.4	.3																5	5	9	31
2/ 1	.3	.7																7	7	5	11
C/ -1	.3																	2	2	5	7
-2/ -3	.3																	2	2	2	11
-4/ -5	.7																	5	5	5	10
-6/ -7	.1																	1	1	1	5
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ 74-81 JAN
 STATION STATION NAME YEARS MONTH

PAGE 2 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		
-8/-9	.4																			3	3	3	6
-10/-11	.1																			1	1	1	4
-12/-13																							5
-14/-15																							3
TOTAL	23.6	52.7	19.1	4.2	.4															742	743	742	742

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	4637836	57586	77.6	15.086	742	1.8	62.7					93
Wet Bulb	590241	18795	25.3	12.412	742	2.1	68.6					93
Dew Point	469855	15273	20.6	14.485	742	6.4	73.4					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY N.J. 74-81 JAN 1900-1900
 STATION STATION NAME YEARS MONTH HOURS (L. S. T.)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
70/ 69				.1														1	1		
68/ 67				.1														1	1		
64/ 63			.1															1	1	2	
62/ 61		.3			.1													3	3	1	
60/ 59	.4	.1																4	4	5	7
58/ 57				.3														2	2	1	1
56/ 55	.3	.1		.1		.1												5	5	3	4
54/ 53	.3	.8	.1	.1	.1													11	11	3	2
52/ 51	.4	.9	.8	.3	.1	.1												20	20	13	10
50/ 49		.8	.4	.1	.1													10	10	9	3
48/ 47		.7	.1	.7	.3													13	13	13	7
46/ 45	.1	1.6	.9	.4	.5	.1												28	28	15	13
44/ 43	.3	.9	.9	.8	.3													24	24	15	16
42/ 41	.9	1.3	1.1	1.5	.1													37	37	30	21
40/ 39	.7	1.3	1.5	.7	.1													32	32	26	17
38/ 37	.9	3.1	1.6	1.9	.1													57	57	40	26
36/ 35	.5	2.0	2.0	2.0	.3													51	51	51	13
34/ 33	.7	2.8	2.6	1.1	.5													57	57	48	38
32/ 31	1.1	4.7	2.0	2.7	.4													81	81	59	55
30/ 29	.3	1.7	3.1	1.5														49	49	62	26
28/ 27	.7	1.3	2.4	1.6														45	45	47	43
26/ 25	.4	.9	4.0	.7														45	45	56	52
24/ 23	.3	.4	2.3	.3														24	24	47	25
22/ 21	.3	.9	3.2	.1														34	34	42	31
20/ 19	.4	2.4	2.3															38	38	42	35
18/ 17	.1	.8	1.2															16	16	36	27
16/ 15	.1	1.2	.9															17	17	21	31
14/ 13	.1	.7	.4															9	9	15	34
12/ 11	.1	.9	.3															10	10	11	37
10/ 9		.4	.4															6	6	12	52
8/ 7		.4																3	3	7	28
6/ 5		.4																3	3	3	19
4/ 3	.1	.3																3	3	4	13
2/ 1	.1	.3																3	3	3	14
Element (X)	Σ x ²		Σ x		Σ	°x	No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.									± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total						
Dry Bulb																					
Wet Bulb																					
Dew Point																					

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC JUN 71

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PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY N.J. 74-81 JAN
 STATION STATION NAME YEARS MONTH

PAGE 2 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
0/-1																				1	13
-2/-3	.1																	1	1	1	8
-4/-5																					8
-6/-7																					5
-8/-9																					2
-10/-11																					3
-12/-13																					4
-14/-15																					1
TOTAL	0.8	34.8	34.8	16.9	3.2	.4												744	744	744	744

Element (X)	Z _h	Z _w	Z _d	Z _s	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	3765303	51249	68.9	7.789	744							
Dry Bulb	864567	24001	32.3	1.025	744	.1	48.4	.3				93
Wet Bulb	730270	21844	29.4	0.940	744	.3	58.6					93
Dew Point	530472	16772	22.5	0.321	744	5.5	70.8					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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PSYCHROMETRIC SUMMARY

93733 ATLANTIC CITY N.J. 74-81 YEARS JAN 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
72/ 71						.1	.3											3	3		
68/ 67						.1	.1											2	2		
64/ 63					.1													1	1		
62/ 61		.3		.1	.3	.1												6	6	2	
60/ 59	.3		.3			.3												6	6	5	3
58/ 57	.1			.4	.1	.1												6	6	3	2
56/ 55	.4	.3	.5	.3	.8	.4												20	20	8	5
54/ 53	.4	.9	.4	.7	.4	.3												23	23	10	9
52/ 51	.1	.3	.5		.1	.4	.1											12	12	15	7
50/ 49	.1	.1	.1	.3	.4	.1												9	9	10	8
48/ 47	.1	1.2	.8	.8		.7												27	27	20	11
46/ 45	.1	.4	.9	1.5	.7													27	27	16	13
44/ 43	.3	.7	.4	2.3	.8	.3												35	35	19	13
42/ 41	.5	.5	1.6	2.2	1.3													46	46	26	20
40/ 39	.5	2.2	1.2	2.2	1.7													58	58	31	17
38/ 37	.4	1.2	1.6	2.4	.4													45	45	58	19
36/ 35	.3	2.8	2.3	3.2	.8													70	70	46	20
34/ 33	.9	1.3	2.4	2.0	1.5													61	61	69	37
32/ 31	.3	2.3	2.2	5.1	1.3													83	83	54	52
30/ 29	.5	1.5	.9	3.6	.1													50	50	71	32
28/ 27	.5	.4	1.2	2.7	.1													37	37	43	47
26/ 25	.1		1.5	2.2														28	28	64	44
24/ 23		.1	1.5	1.1														20	20	43	25
22/ 21	.3	.3	1.5	.4														18	18	38	46
20/ 19		.3	2.0	.1														18	18	30	38
18/ 17	.1	.4	.9	.1														12	12	17	28
16/ 15			1.1															8	8	19	26
14/ 13			.3															2	2	11	27
12/ 11		.4	.3															5	5	4	34
10/ 9		.4																3	3	4	34
8/ 7																				5	33
6/ 5		.1																1	1		28
4/ 3		.3																2	2	2	7
2/ 1																				1	25
Element (X)	Z _H ¹	Z _H	X	q _a	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUN 71

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PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY, N.J. STATION NAME 74-81 YEARS JAN MONTH
 PAGE 2 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
0/-1																					11	
-2/-3																					7	
-4/-5																					6	
-6/-7																					6	
-8/-9																					1	
-12/-13																					1	
-14/-15																					2	
TOTAL	6.6	18.7	26.5	33.6	11.2	3.0	.5										744	744		744		
																	744			744		
Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																
Rel. Hum.	3093146	45818	61.6	19.116	744	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb	1051393	26821	36.0	10.665	744		35.9	.6				93										
Wet Bulb	833444	23684	31.8	10.344	744		50.8					93										
Dew Point	550712	17242	23.2	4.262	744	4.3	70.0					93										

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY N.J. STATION NAME 74-81 YEARS JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71							.1	.1										2	2		
70/ 69							.1											1	1		
68/ 67						.1	.1											2	2		
64/ 63				.4	.1													4	4		
62/ 61						.4												3	3		
60/ 59		.1			.3													3	3	2	
58/ 57	.3				.4													5	5	9	2
56/ 55	.4	.4	.1		.4	.1												11	11	5	4
54/ 53	.8	1.2	.4		.3	.1												21	21	12	10
52/ 51	.5	.9	.3	.8	.1	.3												22	22	18	14
50/ 49	.5	.4	.3	.3	.1	.5												16	16	14	14
48/ 47	.1	.1	.4	.5	.4													12	12	12	8
46/ 45		.5	1.2	.7	.8													24	24	11	6
44/ 43	.4	.7	1.5	1.6	.5	.4												38	38	16	12
42/ 41	.3	1.1	1.7	1.6	1.1	.4												46	46	23	11
40/ 39	.4	1.6	1.2	.7	1.1													37	37	39	20
38/ 37	.3	1.5	1.2	2.3	.8													45	45	49	23
36/ 35	.5	3.0	3.6	2.4	.9													78	78	37	20
34/ 33	.7	2.3	2.8	1.7	1.3													66	66	62	32
32/ 31	.4	2.3	3.1	4.6	.8													83	83	64	59
30/ 29	.3	.8	1.9	3.0														44	44	70	39
28/ 27	.7	1.1	1.5	3.2	.1													49	49	52	31
26/ 25	.4	.1	1.3	2.0														29	29	66	46
24/ 23	.1	.3	2.6	.8														28	28	41	32
22/ 21		.3	1.5	.7														18	18	38	42
20/ 19		.1	2.6															20	20	36	33
18/ 17	.3	.1	1.5	.3														16	16	20	23
16/ 15	.1	.4	.3															6	6	19	32
14/ 13		.3	.1															3	3	13	39
12/ 11		.3																2	2	3	29
10/ 9		.7																5	5	3	30
8/ 7		.3																2	2	5	35
6/ 5		.1																1	1	2	23
4/ 3		.3																2	2	2	16
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 93730 STATION NAME ATLANTIC CITY, N.J. YEARS 74-81 MONTH JAN
 PAGE 2 1500-1700
 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
2/ 1																				1	21
0/ -1																					13
-2/ -3																					13
-4/ -5																					5
-6/ -7																					2
-8/ -9																					2
-10/ -11																					1
-12/ -13																					1
-14/ -15																					1
TOTAL	7.5	21.2	31.0	27.6	9.7	2.4	.4	.1										744		744	
																		744		744	

Element (X)	Σ X'	Σ X ²	X̄	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.	3234931	46941	63.1	19.179	744							93
Dry Bulb	1005613	26193	35.2	10.599	744		38.5	.6				93
Wet Bulb	808629	23281	31.3	10.385	744		54.4					93
Dew Point	544677	17091	23.0	4.306	744	4.8	71.0					93

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY, N.J. 74-81 JAN
 STATION STATION NAME YEARS MONTH

PAGE 1 1800-2000
 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 Poi														
68/ 67					.3													2	2																
66/ 65					.3													2	2																
60/ 59		.1	.1															2	2	3															
58/ 57		.1		.1	.1													3	3	2															
56/ 55	.7	.4	.1		.3													11	11	7	8														
54/ 53		1.6	.3		.1													15	15	8	8														
52/ 51	.5	1.3	.3															16	16	17	14														
50/ 49	.3	.3	.1	.3														7	7	13	13														
48/ 47		.5		.3														9	9	4	4														
46/ 45	.4	.7	.4	.1														12	12	13	6														
44/ 43	.5	1.3	1.2	.1	.1													25	25	14	13														
42/ 41	.3	1.6	1.2	.5														27	27	21	16														
40/ 39	.3	2.7	2.2	.5														42	42	26	16														
38/ 37	.5	1.6	2.0	.5	.1													36	36	33	16														
36/ 35	.5	3.1	1.6	.7	.3													46	46	31	29														
34/ 33	1.1	1.9	2.6	.9														48	48	57	25														
32/ 31	1.3	3.5	4.0	.9	.1													74	74	35	45														
30/ 29	1.5	3.0	2.8	1.5														65	65	67	37														
28/ 27	1.3	2.0	3.4	.7														55	55	68	35														
26/ 25	.1	2.0	4.3	.4														51	51	56	35														
24/ 23	.1	.4	2.6	.3														25	25	49	38														
22/ 21	.9	.8	3.1	.1														37	37	42	47														
20/ 19	.5	2.8	3.5	.1														52	52	40	47														
18/ 17		1.7	1.7															26	26	42	15														
16/ 15	.1	1.1	.8															15	15	34	25														
14/ 13	.1	1.1	.3															11	11	22	47														
12/ 11	.1	1.1	.3															11	11	11	47														
10/ 9	.3	.3																4	4	12	21														
8/ 7	.1	.5																5	5	3	31														
6/ 5	.4	.3																5	5	7	27														
4/ 3		.1																1	1	3	27														
2/ 1	.1																	1	1	1	27														
0/ -1	.1																	1	1	1	1														
-2/ -3	.1																	1	1	1	1														
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.		Mean No. of Hours with Temperature																												
Rel. Hum.							≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																						
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY, N.J. STATION NAME 74-81 YEARS JAN MONTH

PAGE 2 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-4/-5																					8
-6/-7	.1																				3
-8/-9																					2
-10/-11																					2
TOTAL	12.8	38.0	39.2	8.2	1.7													744	744	744	
																		744		744	

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Num.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	4030791	53309	71.7	16.856	744	.4	55.1	.3				93
Wet Bulb	808385	23083	31.0	11.141	744	.4	61.9					93
Dew Point	698331	21245	28.6	11.108	744	3.8	71.5					93
	523193	16683	22.4	14.166	744							

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
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PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY, N.J. STATION NAME 74-81 YEARS JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
66/ 65				.1														1	1		
62/ 61						.1												1	1		
60/ 59		.3	.1				.1											4	4	2	
58/ 57		.3		.1														3	3	1	1
56/ 55	.1	.4		.1		.1												6	6	4	4
54/ 53	.3	1.2		.1		.1												13	13	8	5
52/ 51	.3	.3																4	4	10	13
50/ 49	.4	.8	.4															12	12	9	5
48/ 47	.3	.9	.1	.1			.1											12	12	14	8
46/ 45	.4	.9	.3	.1				.1										13	13	12	13
44/ 43	.3	1.1	1.2	.1														20	20	10	12
42/ 41	.8	1.5	.5		.1													22	22	21	16
40/ 39	.7	2.7	.3	.1														28	28	23	10
38/ 37	.1	2.0	1.7	.5														33	33	23	19
36/ 35	.5	3.0	2.0	.5														45	45	23	24
34/ 33	.5	1.6	1.1	.3														26	26	49	17
32/ 31	1.9	4.0	2.2	.4	.1													64	64	46	44
30/ 29	2.2	3.8	2.7	.8														70	70	59	44
28/ 27	2.6	2.8	2.6	.1														60	60	64	45
26/ 25	.5	2.8	3.5	.1														52	52	48	41
24/ 23	.1	2.4	2.6															38	38	53	23
22/ 21	.7	1.9	1.7															32	32	40	41
20/ 19	1.1	2.0	3.0															45	45	50	39
18/ 17	.4	3.4	1.6															40	40	32	29
16/ 15	.5	2.4	1.1															30	30	41	48
14/ 13	.3	2.4	.5															24	24	36	22
12/ 11	.4	1.3	.1															14	14	21	33
10/ 9	.3	.5	.1															7	7	16	34
8/ 7	.7	.5																9	9	11	45
6/ 5	.3	.1																3	3	4	23
4/ 3	.5	.3																6	6	6	26
2/ 1	.3	.3																2	2	2	22
0/ -1	.3																	2	2	3	15
-2/ -3	.4																	3	3	3	8
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.		Mean No. of Hours with Temperature						Total								
Rel. Hum.							≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY, N.J. 74-81 JAN
 STATION STATION NAME YEARS MONTH
 PAGE 2 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
-6/-7																					12
-5/-9																					1
-10/-11																					2
TOTAL	17.7	48.0	29.4	3.9	.3	.4	.1	.1										744	744	744	
																		744	744		

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Rel. Hum.	4401335	55935	75.2	16.244	744							93
Dry Bulb	716669	21449	28.8	1.503	744	.6	62.6					93
Wet Bulb	631564	19966	26.8	1.352	744	.8	66.9					93
Dew Point	488975	16009	21.5	1.946	744	4.8	74.6					93

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY N.J. STATION NAME 74-81 YEARS JAN MONTH PAGE 1 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
72/ 71						.0	.1	.0										5	5																
70/ 69				.0		.0	.0											2	2																
68/ 67				.0	.0	.0	.0											7	7																
66/ 65				.0	.0													3	3																
64/ 63			.0	.1	.0													6	6	2															
62/ 61		.1	.0	.0	.1	.1												13	13	3															
60/ 59	.1	.1	.1		.0	.0		.0										22	22	17	10														
58/ 57	.1	.2		.1	.1	.0												29	29	21	9														
56/ 55	.3	.4	.1	.1	.2	.1	.0											73	73	43	39														
54/ 53	.5	1.0	.2	.1	.1	.1												119	119	72	64														
52/ 51	.4	.7	.3	.1	.1	.1	.0											100	100	94	79														
50/ 49	.4	.6	.3	.1	.1	.1												93	93	88	67														
48/ 47	.2	.7	.4	.4	.1	.1	.0											106	106	87	63														
46/ 45	.2	.8	.6	.4	.3	.0												147	147	97	72														
44/ 43	.3	1.1	.8	.7	.2	.1												188	188	114	93														
42/ 41	.6	1.2	.9	.8	.3	.1												232	232	181	126														
40/ 39	.8	1.8	.9	.6	.4													263	264	210	131														
38/ 37	.6	2.0	1.2	1.0	.2													301	301	272	162														
36/ 35	.5	3.0	2.1	1.3	.3													429	429	264	163														
34/ 33	.8	2.3	2.2	.9	.4													394	394	409	233														
32/ 31	1.4	4.0	2.6	1.8	.4													600	600	412	377														
30/ 29	1.3	2.3	2.0	1.5	.0													424	424	534	283														
28/ 27	1.4	1.8	1.9	1.2	.0													372	372	423	320														
26/ 25	.7	1.6	2.5	.7														330	330	415	341														
24/ 23	.2	1.1	1.8	.3														204	204	333	254														
22/ 21	.4	1.4	2.3	.2														257	257	298	290														
20/ 19	.8	2.5	2.7	.0														361	361	344	283														
18/ 17	.4	1.9	1.2	.1														216	216	306	206														
16/ 15	.3	1.6	.6															149	149	259	291														
14/ 13	.3	1.5	.5															136	136	170	249														
12/ 11	.4	1.0	.2															92	92	122	277														
10/ 9	.3	.9	.1															78	78	111	310														
8/ 7	.4	.6	.0															63	63	84	306														
6/ 5	.2	.4																31	31	45	172														
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ 74-81 JAN
 STATION STATION NAME YEARS MONTH

PAGE 2 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
4/ 3	.3	.3																34	34	40	181
2/ 1	.2	.3																26	26	27	161
0/ -1	.2	.0																13	13	20	92
-2/ -3	.2																	9	9	10	75
-4/ -5	.2																	11	11	11	44
-6/ -7	.1																	4	4	4	47
-8/ -9	.1																	6	6	6	26
-10/-11	.0																	1	1	1	19
-12/-13																					13
-14/-15																					13
TOTAL	15.2	39.1	28.5	12.7	3.5	.8	.2	.0										5949	5950	5949	5949
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	32286551	424955	71.4	18.017	5949	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total									
Dry Bulb	6477310	182892	30.7	1.992	5950	5.5	427.3	1.8				744									
Wet Bulb	5514921	167439	28.1	1.613	5949	6.5	497.1					744									
Dew Point	4075925	130333	21.9	1.325	5949	41.1	580.0					744									

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY, N.J. STATION NAME 74-81 YEARS FEB MONTH

PAGE 1 0000-0200 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	
56/ 55		.1	.1															2	2			
54/ 53	.1	.1	.1															3	3	2	1	
52/ 51	.1	.7	.4															9	9	4	3	
50/ 49	.7	1.2	.1															17	17	12	9	
48/ 47	.1	1.6	.1	.4	.6	.1												21	21	12	6	
46/ 45	1.5	1.2	.1	.3	.3	.4												26	26	22	25	
44/ 43	.4	1.2	1.5	.1	.1													23	23	17	16	
42/ 41	1.5	1.0	.6		.4													24	24	26	19	
40/ 39	.4	1.3	2.2		.3													29	29	20	10	
38/ 37	1.5	1.8	.6	.4														29	29	32	18	
36/ 35	.7	1.5	.6	.6														23	23	30	18	
34/ 33	.7	1.8	1.9	.3														32	32	24	24	
32/ 31	.9	4.0	2.1	1.2														55	55	34	32	
30/ 29	.6	1.9	1.9	.6														34	34	44	29	
28/ 27	1.6	2.7	1.5	.4														42	42	47	31	
26/ 25	.7	1.9	1.9	.3														33	33	40	28	
24/ 23	.7	1.3	1.8	.3														28	28	34	24	
22/ 21	.7	3.5	3.5															53	53	32	33	
20/ 19	.9	3.5	1.9															43	43	57	35	
18/ 17	.3	4.3	1.0															38	38	36	30	
16/ 15	1.2	3.2	.4															33	33	48	27	
14/ 13	.4	2.5	.1															21	21	30	34	
12/ 11	1.9	1.0																20	20	27	48	
10/ 9	.1	1.3																10	10	10	45	
8/ 7	.3	.4																5	5	11	44	
6/ 5	.7																	5	5	7	14	
4/ 3	.3	.9																8	8	8	20	
2/ 1		.6																4	4	4	23	
0/ -1	.3																	2	2	2	8	
-2/ -3		.1																1	1	1	3	
-4/ -5	.4	.1																4	4	4	5	
-6/ -7	.1																	1	1	2	6	
-8/ -9																					1	
-10/ -11																					3	
Element (X)	Σ X ²	Σ X	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature																
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb																						
Wet Bulb																						
Dew Point																						

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLCBAL CLIMATOLOGY BRANCH
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 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY N.J. 74-81 FEB
STATION STATION NAME YEARS MONTH

PAGE 1 0300-0500
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			
56/ 57				.1													1	1						
56/ 55			.1														1	1						
54/ 53		.1	.1														2	2						
52/ 51	.3	.4	.7			.1											11	11	5	3				
50/ 49	.7	1.6	.3		.3												20	20	15	9				
48/ 47	1.5	.3			.1												13	13	22	22				
46/ 45	.3	.6	.3	.3	.1												11	11	4	7				
44/ 43	1.2	.7	1.3	.6	.6												30	30	12	13				
42/ 41	.7	2.1	.6	.1	.1												25	25	23	9				
40/ 39	1.2	1.5	2.1	.7	.1												38	38	28	16				
38/ 37	2.4	1.0	.6		.1												28	28	39	29				
36/ 35	1.5	1.6	.6	.3													27	27	35	31				
34/ 33	1.2	2.7	.9		.3												34	34	31	18				
32/ 31	.9	3.0	1.6	.3													39	39	32	32				
30/ 29	1.3	2.1	2.1	.6													41	41	34	24				
28/ 27	.7	1.6	1.3	.1													26	26	31	36				
26/ 25	.4	3.4	1.3														35	35	33	31				
24/ 23	.4	1.5	.9	.1													20	20	39	13				
22/ 21	1.5	2.2	2.5	.1													43	43	35	27				
20/ 19	1.5	4.0	1.0														44	44	35	29				
18/ 17	.3	5.0	.4														39	39	44	39				
16/ 15	.6	5.5	1.0														48	48	46	15				
14/ 13	.6	3.3															26	26	37	34				
12/ 11	.9	1.9															19	19	31	43				
10/ 9	1.6	1.0															18	18	22	53				
8/ 7	.7	.9															11	11	16	43				
6/ 5	.4	.3															5	5	4	22				
4/ 3	.1	.1															2	2	4	16				
2/ 1		.3															2	2		25				
0/ -1	.6																4	4	6	9				
-2/ -3	.3																2	2	2	5				
-4/ -5	.4	.3															5	5	3	2				
-6/ -7	.4																3	3	5	3				
-8/ -9	.1																1	1	1	4				
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.												Mean No. of Hours with Temperature							
Rel. Hum.																	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY N.J. STATION NAME 74-81 YEARS FEB MONTH

PAGE 2 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
-10/-11	.1																	1	1	1	4
-12/-13																					1
-14/-15																					2
-16/-17																					2
-18/-19																					1
-22/-23																					3
TOTAL	25.2	49.2	20.0	3.6	1.9	.1											675	675	675	675	

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	4153765	51919	76.9	15.422	675		2.0	54.0				84
Wet Bulb	610247	18389	27.2	12.733	675		2.2	57.4				64
Dew Point	543017	17225	25.5	12.390	675		4.5	64.5				64

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ 74-81 FEB
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
59/59				.1													1	1		
56/55		.3	.3	.1													5	5	1	1
54/53	.1	.3	.1														4	4	3	2
52/51	.9				.1												7	7	11	7
50/49		1.0	.7	.1	.4												16	16	2	4
48/47	.4	.9	.1	.3	.1												13	13	13	10
46/45	.9	1.0	.3	.7	.1												21	21	17	13
44/43	.9	1.3	.6	.3		.1											22	22	18	16
42/41	1.3	2.2	.3		.4												29	29	26	16
40/39	.7	1.3	1.0	.4	.1												25	25	29	19
38/37	2.2	1.3	.6														28	28	28	29
36/35	1.8	1.6	1.5	.1													34	34	27	26
34/33	1.3	3.0	.4	.3													34	34	38	24
32/31	.7	2.8	1.0	.3													33	33	29	26
30/29	.6	2.1	2.8	.9													43	43	35	22
28/27	1.0	3.0	2.1	.3													43	43	27	36
26/25	.4	2.7	1.5														31	31	46	23
24/23	.4	1.5	.9														19	19	39	20
22/21	1.0	2.2	1.9	.1													36	36	26	14
20/19	1.5	4.6	.7														46	46	40	43
18/17	.6	4.1	.1														33	33	42	33
16/15	.6	4.0	.4														34	34	35	28
14/13	.7	4.1															33	33	30	26
12/11	1.3	2.1															23	23	39	41
10/9	1.2	1.3															17	17	23	45
8/7	.7	1.3															14	14	17	41
6/5	.4	.9															9	9	11	24
4/3	.1	.3															3	3	4	22
2/1	.1	.7															6	6	4	23
0/-1		.3															2	2	2	8
-2/-3	.6	.4															7	7	9	11
-4/-5	.4	.1															4	4	3	2
-6/-7	.3																2	2	3	3
-8/-9																				1
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.							$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total							
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY, N.J. 74-81 FEB
 STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb
66/ 65								.1									1	1		
64/ 63							.3	.1	.1								4	4		
62/ 61								.3									2	2		
60/ 59				.3			.1		.1								4	4		
58/ 57		.3	.1		.6		.3	.1									10	10		
56/ 55	.1	.4	.3	.1	.1	.1	.1										10	10	7	1
54/ 53	.3	.6	.4	.1	.1	.3											13	13	8	8
52/ 51	.7	.7	.6	.4	.3	.4											22	22	12	8
50/ 49	.1	1.5	.6	.6	.9	.1	.1										27	27	19	6
48/ 47	.6	1.0	.6	.6	.7	.4	.1										28	28	24	19
46/ 45	.6	1.3	.7	.6	.6	.4											29	29	20	14
44/ 43	.6	.9	.4	1.2	.7	.1											27	27	28	24
42/ 41	1.2	1.0	.7	.9	1.5	.1	.1										38	38	36	15
40/ 39	.4	1.5	.9	1.6	1.3	.1											40	40	24	18
38/ 37	.7	1.0	1.3	1.6	.7	.1											38	38	36	19
36/ 35	.4	.9	1.3	1.6	.7												34	34	34	19
34/ 33	.1	1.9	1.9	1.8	.1												40	40	39	24
32/ 31	.4	1.0	2.4	3.4	.3												51	51	40	44
30/ 29	.1	.9	3.0	3.1													48	48	38	20
28/ 27	.1	.6	2.5	2.1													36	36	43	23
26/ 25	.1	.9	3.4	.9													36	36	48	27
24/ 23	.1	1.3	2.7														28	28	53	24
22/ 21	.6	.6	2.5	.4													28	28	48	31
20/ 19	.3	.9	2.7														26	26	29	30
18/ 17	.6	.6	1.3														17	17	25	40
16/ 15		1.2	.7														13	13	22	39
14/ 13		.3	.4														5	5	16	37
12/ 11		.9	.3														8	8	3	38
10/ 9		.3	.1														3	3	9	37
8/ 7		.6															4	4	5	27
6/ 5		.6															4	4	4	18
4/ 3		.1															1	1	4	13
2/ 1		.3															2	2	2	21
0/ -1																			1	7
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUN 71

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY, N.J. 74-81 FEB 1966
 STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
70/ 69							.1	.3	.1									4	4		
68/ 67						.1	.3	.1		.3								6	6		
66/ 65						.6	.1	.7										10	10		
64/ 63						.1	.1	.3										5	5		
62/ 61					.1	.3	.1	.4										7	7		
60/ 59	.1	.1			.1	.1	.3	.1	.1									8	8	.1	.1
58/ 57	.3	.1	.1	.3		.1	.3	.1										10	10	8	2
56/ 55	.3	.4	.4	.7		.7	.3											20	20	9	4
54/ 53	.1	.6	.1	.1	.9	.6	.3	.1										20	20	13	3
52/ 51	.3	.7	.4	.9	.7	.6	.3	.3										29	29	16	6
50/ 49	.4	.9	.4	.4	.4	1.0	.6	.1										30	30	23	13
48/ 47	.3	.9	.6	1.3	.3	.3												25	25	22	18
46/ 45	.1	1.3	.3	1.3	.7	.7	.4											34	34	31	15
44/ 43	.6	.7	.4	1.6	2.1	.6	.1											42	42	24	18
42/ 41	.6	.6	.3	1.0	1.9	.3	.3											34	34	32	17
40/ 39	.3	1.6	.6	1.5	2.2	.6												46	46	41	13
38/ 37		.9	.3	1.2	2.8	.4												38	38	33	20
36/ 35	.1	.1	.6	2.5	1.9													36	36	43	20
34/ 33	.1	1.2	.4	2.2	1.6													38	38	33	21
32/ 31	.4	1.0	2.4	6.5	1.2													78	78	41	39
30/ 29	.3	.3	2.8	3.5	.7													52	52	50	23
28/ 27	.1	1.0	.4	1.9	.1													25	25	53	30
26/ 25	.1	.3	.9	1.3														18	18	79	26
24/ 23		.6	.3	1.2														14	14	40	30
22/ 21	.1	.7	.1															7	7	22	28
20/ 19	.3	.1	1.5															13	13	16	38
18/ 17			.9															6	6	13	37
16/ 15		.4	.1															4	4	8	46
14/ 13	.1	.6	1.0															12	12	9	44
12/ 11		.4	.6															7	7	4	40
10/ 9																				11	23
8/ 7																				3	26
6/ 5																					17
4/ 3																					16
Element (X)	Σ X ²		Σ X		Σ	Σ	No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.									≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total						
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUN 71

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY N.J. STATION NAME 74-81 YEARS FEB MONTH

PAGE 2 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
2/ 1																					15
3/ -1																					10
-3/ -3																					7
-4/ -5																					4
-6/ -7																					3
-8/ -9																					2
-10/-11																					3
TOTAL	5.5	15.2	16.2	29.1	19.0	7.4	4.0	1.6	1.8	.3									678		678
																		678		678	

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	2380352	37752	55.7	20.274	678							
Dry Bulb	118366	26306	38.8	12.014	678		29.2	1.2				84
Wet Bulb	831006	22580	33.3	10.803	678		43.2					64
Dew Point	494181	15541	22.9	14.275	678	3.6	62.8					64

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ 74-81 FEB
 STATION STATION NAME YEARS MONTH

PAGE 1 1500-1700
 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
70/ 69								.1										1	1		
68/ 67								.3				.1	.1					4	4		
66/ 65												.1	.3					3	3		
64/ 63												.3	.6	.1				7	7		
62/ 61						.7	.3					.3	.3					11	11		
60/ 59		.1				.3					.1	.1	.1					6	6	1	1
58/ 57	.4	.3	.1	.4	.3			.4	.4									17	17	6	3
56/ 55	.3	.1		.1	.6	.3	.1	.3										13	13	6	4
54/ 53	.1	1.0	.3	.1	.7	.4	.3	.1										22	22	7	2
52/ 51	.1	1.0	.3	.9	.9	.4	.1	.3										28	28	21	7
50/ 49	.4	.6		.3	.9	.9	.3	.3										25	25	17	13
48/ 47	.3	1.0	.9	.3	.4	.6	.1											25	25	25	13
46/ 45	.1	.3	.3	1.2	2.2	1.0	.4											38	38	28	14
44/ 43	.4	.7	.3	1.5	.6	.4	.1											28	28	25	12
42/ 41	.4	.4	.7	1.8	.9	.3												31	31	25	14
40/ 39	.7	1.3	1.5	1.5	1.6	.7												50	50	36	17
38/ 37	.7	1.2	1.2	1.6	2.2	.1												48	48	47	17
36/ 35		.7	.7	2.1	2.4													40	40	47	20
34/ 33	.1	1.2	.6	3.1	1.2	.1												43	43	40	25
32/ 31	.6	1.2	2.4	4.6	2.4													75	75	40	46
30/ 29		.3	1.8	4.0	.6													45	45	44	27
28/ 27	.4	1.0	1.2	1.9	.3													33	33	57	43
26/ 25	.1	.7	1.5	1.3														25	25	70	27
24/ 23		.4	.4	.6														10	10	45	19
22/ 21		.6	.6	.1														9	9	31	29
20/ 19		.1	1.6															12	12	13	35
18/ 17			.7															5	5	10	45
16/ 15	.3	.3	1.0															11	11	11	35
14/ 13	.1	.1	.9															8	8	9	44
12/ 11		.3	.3															4	4	6	39
10/ 9																				8	24
8/ 7																				2	29
6/ 5																					11
4/ 3																					13
Element (X)	Σ X ²		Σ X		X	σ _x	No. Obs.		Mean No. of Hours with Temperature						Total						
Rel. Hum.									≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F							
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY N.J. 74-81 FEB
STATION STATION NAME YEARS MONTH

PAGE 2 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
2/ 1																					23
5/ -1																					8
-2/ -3																					7
-4/ -5																					5
-8/ -9																					4
-12/-13																					1
-14/-15																					1
TOTAL	6.2	15.2	19.4	27.5	19.2	5.8	2.7	2.5	1.5	.1								677	677	677	

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	2487800	38578	57.0	20.694	677		29.4	.6				84
Wet Bulb	1079680	25902	38.3	11.453	677		42.9					84
Dew Point	810268	22340	33.0	10.397	677	3.2	63.9					64

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 93730 STATION NAME ATLANTIC CITY N.J. YEARS 74-81 MONTH FFB

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
58/ 57	.3			.1			.1	.3										6	6	2	2
56/ 55	.6	.1	.1	.3			.1	.3										11	11	4	4
54/ 53	.1	.7	.4				.4											12	12	3	2
52/ 51	.3	1.0	.9				.1	.3										18	18	11	6
50/ 49	.3	.4	.1	.1	.4			.1										11	11	13	11
48/ 47	.6	1.8	.3	1.0	.7													30	30	13	8
46/ 45	.4	.6	.7	.3	.3	.1	.1											18	18	19	18
44/ 43	.7	1.0	.4	.9	.4	.3												26	26	27	17
42/ 41	1.2	1.2	.9	1.9	1.0													42	42	31	11
40/ 39	1.7	1.5	1.5	.6	.3	.1												34	34	25	16
38/ 37	1.0	.6	2.2	1.2														34	34	34	28
36/ 35	.4	1.2	2.9	.6	.4	.1												39	39	30	21
34/ 33	.1	2.4	2.5	2.1	.3													50	50	41	8
32/ 31	.1	2.9	2.1	2.8														54	54	46	27
30/ 29	.4	1.2	4.1	1.8														51	51	46	47
28/ 27	.3	1.2	3.2	1.5														42	42	39	36
26/ 25	.1	1.8	5.3	1.2														57	57	59	36
24/ 23	.1	2.1	2.8	.3														36	36	58	24
22/ 21	.1	1.3	2.2	.4														28	28	50	19
20/ 19	.1	1.6	1.8															24	24	40	38
18/ 17	.1	1.2	.7															14	14	28	42
16/ 15		.6	.1															5	5	14	40
14/ 13	.6	1.6	.1															16	16	13	36
12/ 11		1.3																9	9	11	36
10/ 9		.6																4	4	10	30
8/ 7		.1	.1															2	2	4	41
6/ 5																				2	17
4/ 3		.6																4	4	2	8
2/ 1		.1																1	1	2	19
0/ -1																				1	7
-2/ -3																					9
-4/ -5																					6
-6/ -7																					2
-8/ -9																					2
Element (X)	Σ X'	Σ X	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ STATION STATION NAME

74-81 YEARS

FEB MONTH

PAGE 2 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
-12/-13																					1
-16/-17																					2
-17/-19																					1
TOTAL	9.4	30.8	35.8	17.1	4.0	1.5	1.0	.3										678	678	678	
																		678		678	

Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	3255700	45304	66.8	18.371	678	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	813565	22295	32.9	10.900	678		43.0					64
Wet Bulb	672352	20094	29.6	10.652	678	.1	52.7					84
Dew Point	469567	15109	22.3	4.009	678	3.7	65.2					84

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 9373C STATION NAME ATLANTIC CITY NJ YEARS 74-81 MONTH FEB

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
56/ 57	.3																	2	2	2	2
56/ 55	.1		.3			.1												4	4	1	1
54/ 53	.3	.3	.4				.1											8	8	2	2
52/ 51	.3	1.5	.4															15	15	8	4
50/ 49	.4	1.0	.3	.1	.3	.1												16	16	16	7
48/ 47	.1	.9	.7	.7	.4	.1												16	16	12	14
46/ 45	1.0	1.3	.6	.9	.4	.3												31	31	17	19
44/ 43	.7	.7	.6	.1														15	15	16	18
42/ 41	1.9	1.8	.7	.4														33	33	33	16
40/ 39	.9	1.6	1.2	.4														28	28	31	12
38/ 37	.9	1.0	2.2	.9														34	34	26	23
36/ 35	.4	1.8	1.6	1.7														33	33	24	22
34/ 33	.4	1.6	1.0	.7														26	26	37	17
32/ 31	.6	3.8	3.5	1.2														62	62	29	27
30/ 29	1.6	2.5	2.1	.4														45	45	52	34
28/ 27	.7	2.2	2.9															40	40	54	48
26/ 25	.3	1.9	4.1															43	43	37	26
24/ 23		2.5	4.3															46	46	39	23
22/ 21	1.2	1.2	1.8															28	28	53	23
20/ 19	.9	3.7	2.2															46	46	46	50
18/ 17	.4	2.8	1.2															30	30	34	32
16/ 15	1.0	1.6	.9															24	24	38	24
14/ 13	.1	1.3	.3															12	12	18	44
12/ 11	.4	1.0																10	10	13	35
10/ 9		1.6																11	11	13	43
8/ 7	.3	.7																7	7	10	35
6/ 5	.3																	2	2	6	14
4/ 3		.9																6	6	5	19
2/ 1		.3																2	2	1	13
0/ -1	.1	.1																2	2	3	7
-2/ -3		.1																1	1	2	7
-4/ -5																					5
-6/ -7																					4
-8/ -9																					2
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY N.J. STATION NAME 74-A1 YEARS FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
70/ 69							.0	.0	.0									5	5																
68/ 67							.0	.0	.0	.0								10	10																
66/ 65							.1	.0	.1									14	14																
64/ 63							.1	.0	.1	.1	.0							16	16																
62/ 61					.1	.1	.0	.1	.1									20	20																
60/ 59	.0	.0		.1	.1	.0	.1	.0	.1									19	19	2	2														
58/ 57	.2	.1	.1	.1	.1	.0	.1	.1										46	46	18	9														
56/ 55	.2	.2	.2	.2	.2	.1	.2	.1	.0									66	66	28	15														
54/ 53	.2	.5	.3	.1	.2	.2	.1	.0										84	84	38	20														
52/ 51	.4	.8	.5	.3	.3	.2	.1	.1										139	139	88	44														
50/ 49	.4	1.0	.3	.2	.5	.3	.1	.1										162	162	117	72														
48/ 47	.5	1.1	.3	.5	.6	.2	.1											171	171	143	110														
46/ 45	.6	1.0	.4	.7	.6	.4	.1											208	208	158	125														
44/ 43	.7	.9	.7	.8	.6	.2	.0											213	213	167	134														
42/ 41	1.1	1.3	.6	.8	.8	.1	.1											256	256	232	117														
40/ 39	.7	1.5	1.4	.8	.8	.2												290	290	234	121														
38/ 37	1.2	1.1	1.1	.9	.7	.1												277	277	275	183														
36/ 35	.7	1.2	1.2	1.1	.7	.0												266	266	270	177														
34/ 33	.5	2.0	1.2	1.3	.4	.0												297	297	283	161														
32/ 31	.6	2.5	2.2	2.5	.5													447	447	291	273														
30/ 29	.6	1.4	2.6	1.9	.2													359	359	343	226														
28/ 27	.6	1.7	1.9	1.0	.1													287	287	351	283														
26/ 25	.3	1.7	2.5	.6														278	278	412	224														
24/ 23	.2	1.4	1.8	.3														201	201	347	177														
22/ 21	.7	1.5	2.0	.2														232	232	297	204														
20/ 19	.7	2.3	1.7															254	254	276	298														
18/ 17	.3	2.3	.8															182	182	232	298														
16/ 15	.5	2.1	.6															172	172	222	254														
14/ 13	.4	1.7	.4															133	133	162	299														
12/ 11	.6	1.1	.1															100	100	134	320														
10/ 9	.4	.8	.0															63	63	106	300														
8/ 7	.3	.5	.0															43	43	68	286														
6/ 5	.2	.2																25	25	34	137														
4/ 3	.1	.4																24	24	27	127														
Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE USAFETAC

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ 74-81 FEB
 STATION STATION NAME YEARS MONTH

PAGE 2 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														
2/ 1	.0	.3																17	17	13	162														
0/ -1	.1	.1																10	10	15	64														
-2/ -3	.1	.1																11	11	13	57														
-4/ -5	.2	.1																13	13	10	32														
-6/ -7	.1																	6	6	10	23														
-8/ -9	.0																	1	1	1	21														
-10/-11	.0																	1	1	1	19														
-12/-13																					10														
-14/-15																					14														
-16/-17																					6														
-18/-19																					5														
-20/-21																					6														
-22/-23																					3														
TOTAL	14.4	34.6	24.8	14.4	7.2	2.4	1.1	.6	.4	.1									5418	5418															
																		5418		5418															

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	27200759	368931	68.1	9.590	5418							
Dry Bulb	6475450	174046	32.1	2.778	5418	5.2	354.6	1.9				672
Wet Bulb	5290811	156697	28.9	1.836	5418	6.2	417.4					672
Dew Point	3691721	118115	21.8	4.358	5418	32.2	512.0					672

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY NJ 74-81 YEARS MAR MONTH

PAGE 1 0000-0200 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
64/ 63			.3															2	2		
62/ 61		.1	.3	.3														5	5		
60/ 59		.3	.3	.4														7	7	5	1
58/ 57		.3	.3	.3														6	6	2	5
56/ 55		.4		.1														4	4	10	3
54/ 53		1.3	.4	.1														14	14	8	4
52/ 51	.1	2.8	.8		.3													30	30	17	18
50/ 49	.4	3.0	.7	.5	.4													37	37	25	15
48/ 47	.1	1.9	.9	1.1	.1													31	31	33	35
46/ 45		2.8	1.5	.9	.5													43	43	21	21
44/ 43	.4	3.1	1.6	.9	.4	.1												49	49	39	26
42/ 41	.4	3.2	2.0	1.3	.8													58	58	54	21
40/ 39	.7	2.4	2.3	2.0	.3	.4												60	60	44	33
38/ 37	.8	2.7	2.4	.9	.1	.3												54	54	49	53
36/ 35	.7	2.2	2.0	1.6	.1													49	49	59	30
34/ 33	.5	2.3	1.9	1.3	.8													51	51	54	40
32/ 31	.9	4.7	2.3	.7	.4													67	67	54	55
30/ 29	1.3	1.5	2.2	1.3	.1													48	48	74	40
28/ 27	.9	2.6	2.0	1.1														49	49	36	53
26/ 25	.7	.9	1.1	.1														21	21	57	47
24/ 23	.1		.7	.1														7	7	36	23
22/ 21	.3	.4	1.7															18	18	14	42
20/ 19	.1	1.5	.7															17	17	17	38
18/ 17		.5	.5															8	8	17	17
16/ 15	.3	.3	.3															6	6	10	16
14/ 13																				6	25
12/ 11																					20
10/ 9		.1																1	1		21
8/ 7		.3																2	2	1	13
6/ 5																				2	7
4/ 3																					5
2/ 1																					11
0/ -1																					5
-2/ -3																					1
Element (X)	Σ X ²		Σ X		Σ	Σ	No. Obs.		Mean No. of Hours with Temperature							Total					
Rel. Hum.									≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F							
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY, N.J. 74-81 MAR
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point	
64/ 63			.1															1	1			
62/ 61		.1		.3														3	3			
60/ 59		.5	.1															5	5	2		
58/ 57			.3															2	2	6	3	
56/ 55	.1	.1	.5			.1												7	7	3	4	
54/ 53	.1	.7	.7			.1												12	12	5	4	
52/ 51	.3	1.7	.9															22	22	13	9	
50/ 49	.1	2.6	.8			.1												27	27	23	14	
48/ 47	.5	2.6	.5	.4														30	30	28	31	
46/ 45	.3	1.5	2.0	.5	.4													35	35	26	21	
44/ 43	.4	4.2	1.9	.5	.3													54	54	24	22	
42/ 41	.7	3.6	2.0	.8	.4													56	56	56	26	
40/ 39	1.2	2.6	3.0	1.2	.3	.1												62	62	61	39	
38/ 37	.5	2.8	2.4	.5	.1													48	48	44	37	
36/ 35	.7	2.7	1.6	1.2	.4													49	49	53	58	
34/ 33	.8	2.4	1.9	.9														45	45	51	34	
32/ 31	.5	4.4	3.9	.8	.7													77	77	43	48	
30/ 29	1.6	1.6	1.5	1.6														47	47	69	36	
28/ 27	1.1	1.7	1.5	.4														35	35	59	42	
26/ 25	.7	2.6	3.2	.3														50	50	36	52	
24/ 23	.4	.7	1.2															17	17	54	24	
22/ 21	.1	.7	.8															12	12	23	38	
20/ 19	.5	.8	1.2															19	19	20	42	
18/ 17	.1	.8	.3															9	9	13	28	
16/ 15	.4	.3	.5															9	9	15	15	
14/ 13	.3	.5	.1															7	7	4	29	
12/ 11		.1																1	1	8	22	
10/ 9																				2	17	
8/ 7		.3																2	2		13	
6/ 5		.1																1	1	3	9	
4/ 3																					8	
2/ 1																					5	
0/ -1																					7	
-2/ -3																					1	
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 80 F$	$\leq 93 F$												Total
Dry Bulb																						
Wet Bulb																						
Dew Point																						

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY, N.J. STATION NAME 74-81 YEARS MAR MONTH

PAGE 2 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
-4 / -5																					3	
-6 / -7																					1	
TOTAL	11.6	42.7	33.1	9.5	2.8	.3											744	744	744	744		

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Num.	4465856	56368	75.8	6.210	744	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	1039779	26837	36.1	9.826	744		35.8					93
Wet Bulb	910293	24969	33.6	9.866	744		43.6					93
Dew Point	731393	21345	28.7	2.656	744	1.5	55.3					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

92730 STATION ATLANTIC CITY NJ STATION NAME 74-81 YEARS MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point			
66/ 65			.1		.1													2	2					
64/ 63				.3	.1													3	3					
62/ 61		.1																1	1	1				
60/ 59		.1	.1															2	2	1				
58/ 57		.5		.4														7	7	6	3			
56/ 55		.7	.3															7	7	6	5			
54/ 53		1.2	.8	.3														17	17	8	6			
52/ 51	.1	1.9	.7	.1	.3													23	23	15	11			
50/ 49	.3	2.6	1.2	.5	.7													39	39	30	23			
48/ 47	.1	2.4	1.3	.5	.5													37	37	20	24			
46/ 45	.1	2.4	1.5	.4	.1													34	34	36	26			
44/ 43	.3	2.4	1.5	1.7	.4													47	47	38	22			
42/ 41	1.5	3.5	1.7	1.6	.7													67	67	42	29			
40/ 39	.8	2.0	2.6	1.3	.1													51	51	59	36			
38/ 37	.5	1.9	2.4	1.6	.3													50	50	44	41			
36/ 35	.8	3.2	2.2	1.7	.3													61	61	54	32			
34/ 33	.9	2.4	2.2	.9	.3													50	50	70	36			
32/ 31	.8	3.9	2.0	1.6	.3													64	64	50	60			
30/ 29	.3	1.3	2.7	1.7														45	45	50	57			
28/ 27	1.1	1.6	2.0	.7														40	40	45	39			
26/ 25	.1	1.5	1.9															26	26	46	39			
24/ 23	.1	.5	1.6															17	17	42	26			
22/ 21	.3	.7	.7															12	12	22	34			
20/ 19	.4	1.1	.5															15	15	20	33			
18/ 17	.1	.3	.7															8	8	10	32			
16/ 15		.5	.1															5	5	8	16			
14/ 13	.5	.5																8	8	10	19			
12/ 11		.3																2	2	5	31			
10/ 9		.1																1	1	2	21			
8/ 7		.3																2	2	1	11			
6/ 5		.1																1	1	3	7			
4/ 3																					8			
2/ 1																					6			
0/ -1																					3			
Element (X)	Σ X ²		Σ X		Σ	σ _x	No. Obs.										Mean No. of Hours with Temperature							
Rel. Hum.							≤ 0 F		= 32 F		= 67 F		= 73 F		= 80 F		= 93 F		Total					
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AFB WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 57730 ATLANTIC CITY NJ STATION NAME 74-81 YEARS MAR
MONTH

PAGE 2 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
-2/-3																					1
-4/-5																					5
TOTAL	2.34	0.23	0.81	15.6	4.2													744	744	744	
																	744		744		
Element (X)	ΣX^2		ΣX		\bar{X}	σ_x		No. Obs.		Mean No. of Hours with Temperature						Total					
Rel. Hum.	4300067		55175		74.2	16.743		744		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93					
Dry Bulb	1097755		27601		37.1	9.967		744			30.8					93					
Wet Bulb	950782		25542		34.3	9.974		744			39.3					93					
Dew Point	752364		21652		29.1	2.827		744		1.1	56.3					93					

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93770 STATION ATLANTIC CITY, N.J. 74-81 YEARS MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
79/79								.1										1	1		
77/77								.1										1	1		
75/75						.1		.1										2	2		
73/73							.1											1	1		
71/71						.1												1	1		
69/69				.1	.1	.1												3	3		
67/67				.1	.3	.4			.3									8	8		
65/65			.1	.1	.1	.1	.1											5	5	1	
63/63				.1	.3	.1	.3	.1	.1									8	8	4	
61/61		.1	.4	.3	.5	.5	.3	.1	.1									18	18	5	1
59/59			.5	.5	.4	.3	.4	.3										18	18	7	2
57/57		.3	.4	.3	.3	.3	.7	.3										22	22	9	3
55/55	.1	.9	1.1	1.1	.7	.5	.4	.1										37	37	14	8
53/53	.1	1.1	.7	.9	.5	.3	.7	.3										34	34	21	16
51/51	.3	1.2	1.5	.8	1.6	.9	.8											53	53	33	24
49/49		1.2	1.1	1.1	1.5	1.1	.1											45	45	38	18
47/47	.3	.9	.5	1.6	1.6	1.9	.3	.1										54	54	44	21
45/45	.3	1.2	1.1	1.3	3.4	1.7	.1											68	68	37	26
43/43	.4	1.7	.7	2.8	2.0	.9	.1											65	65	41	35
41/41	.4	1.2	1.1	2.7	1.5	.8												52	52	62	30
39/39	.4	1.2	1.5	1.1	2.4	.5	.1											54	54	61	25
37/37	.4	.9	.7	1.3	1.2	.1												35	35	75	39
35/35	.3	1.2	.4	1.5	.8													31	31	64	27
33/33	.3	.3	1.1	1.3	1.1													30	30	53	39
31/31		1.1	.8	2.4	2.2													48	48	28	62
29/29		.3	1.1	1.5														21	21	36	36
27/27		.3	.3	.9														11	11	29	42
25/25		.1	.3	.3														5	5	37	36
23/23				.1														1	1	25	29
21/21			.3															2	2	7	35
19/19			.4															3	3	1	48
17/17		.3	.3															4	4	3	26
15/15																				4	21
13/13		.3																2	2	2	15
Element (X)	Σ X ²		Σ X		Σ	Σ	No. Obs.		Mean No. of Hours with Temperature						Total						
Rel. Hum.									≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total						
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733 STATION ATLANTIC CITY N.J. STATION NAME 74-81 YEARS MAR MONTH

PAGE 2 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														
12/ 11		.1																1	1	2	22														
10/ 9																				1	22														
8/ 7																					8														
6/ 5																					12														
4/ 3																					8														
2/ 1																					4														
0/ -1																					2														
-2/ -3																					1														
-4/ -5																					1														
TOTAL	3.2	16.0	16.1	23.8	23.0	11.0	4.6	1.5	.5	.3								744	744	744															

Element (X)	Z _X ¹	Z _X	Z	σ _X	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	2921802	44260	59.5	19.716	744							
Dry Bulb	1567309	33283	44.7	10.271	744		12.3	2.1	.6	.1		93
Wet Bulb	1201248	29030	39.0	9.604	744		21.9					93
Dew Point	810361	22513	30.3	3.183	744	.5	53.8					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

937311 ATLANTIC CITY N.J. 74-81 MAR
 STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81									.3									2	2		
81/ 79									.1									2	2		
79/ 77							.4	.3										5	5		
76/ 75						.1	.1	.3										4	4		
74/ 73						.3												2	2		
72/ 71					.3		.1		.1									4	4		
70/ 69						.1		.3	.1									4	4		
68/ 67				.1		.3	.4	.1	.4	.1								11	11		
66/ 65				.1	.3		.3	.3	.5	.3								13	13	8	
64/ 63			.3	.1	.3	.7	.5	.4	.5									21	21	8	
62/ 61	.1			.5	.5	.3	.3	.3	.3	.3								19	19	4	1
60/ 59			.5	.3	.1	.7	.9	1.1										27	27	4	8
58/ 57		.3	1.1	.3	1.2	.9	.3	.7	.1									36	36	9	5
56/ 55		.7	.8	.1	.7	1.3	1.3	.7										42	42	17	3
54/ 53	.4	1.2	.9	.4	1.1	1.5	1.1	1.1										57	57	33	15
52/ 51	.9	.5	.7	.8	1.1	2.0	1.5	.7										61	61	40	34
50/ 49	.5	1.1	1.1	.8	1.7	1.2	2.2	.5										68	68	46	23
48/ 47	.3	1.1	.4	.3	1.6	1.9	.4	.1										45	45	46	21
46/ 45	.3	1.3	.5	.4	3.0	2.2	.9											64	64	53	25
44/ 43	.3	1.2		.9	2.0	1.9	.3											49	49	55	21
42/ 41		1.5	.7	1.2	.5	1.2												38	38	65	30
40/ 39	.5	.9	.5	.3	1.1	.8												31	31	54	33
38/ 37	.1	.7	.5	1.3	1.5	.3												33	33	74	35
36/ 35		.8	.7	1.1	1.9	.1												34	34	58	38
34/ 33	.4	.5	.7	.1	1.5													24	24	31	41
32/ 31		.9	.9	1.3	1.6													36	36	45	39
30/ 29				.3														2	2	28	46
28/ 27																				24	47
26/ 25		.1		.3														3	3	26	34
24/ 23																				7	29
22/ 21			.3															2	2	1	42
20/ 19			.5															4	4	1	30
18/ 17			.1															1	1	2	27
16/ 15																				5	20
Element (X)	Σ X ²		Σ X		Σ	σ _n	No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb																					
Wet Bulb																					
Dew Point																					

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUN 71
 USAFETAC

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY, NJ 74-81 MAR MONTH
STATION STATION NAME YEARS

PAGE 2 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)											TOTAL		TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
14/ 13																					30
12/ 11																					25
10/ 9																					16
8/ 7																					9
6/ 5																					3
4/ 3																					9
2/ 1																					5
TOTAL	3.9	12.9	11.3	11.2	21.9	17.7	11.0	6.9	1.9	1.3										744	744

Element (X)	ΣX^2	ΣX	\bar{X}	s_x^2	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	1824816	36006	48.4	0.525	744		6.0	4.3	1.9	.4		93
Wet Bulb	1325972	30640	41.2	0.291	744		17.4					93
Dew Point	838427	22969	30.9	0.193	744		51.4					42

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93733 STATION ATLANTIC CITY N.J. STATION NAME 74-81 YEARS MAR 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
84/ 83									.1									1	1		
82/ 81									.1									1	1		
80/ 79								.4										3	3		
78/ 77								.1										1	1		
76/ 75						.1		.3										3	3		
74/ 73						.4	.1	.1										5	5		
72/ 71					.1	.1	.1											3	3		
70/ 69					.1	.3	.3		.1	.1								7	7		
68/ 67				.1	.1		.1	.5										7	7		
66/ 65				.1	.1	.3	.1											4	4	2	
64/ 63				.3	.5	.1	.3			.1								10	10	10	
62/ 61			.1	.3	.7	.3	.4	.5	.1									18	18	5	
60/ 59		.1	.4	.4	.4	.8	.5	.7										25	25	6	1
58/ 57		.5	.4	.9	.7	1.2	.7	1.2	.4									45	45	4	7
56/ 55	.4	1.5	.8	.3	.7	.7	.9	.9										46	46	13	7
54/ 53	.5	.7	.8	.3	1.3	1.1	.5	.5										43	43	42	21
52/ 51	.1	1.9	1.7	1.2	.8	.8	1.6	1.3										71	71	32	28
50/ 49	.1	.5	1.2	1.3	1.7	1.5	1.9	.3										64	64	30	17
48/ 47	.3	1.5	1.3	.8	2.2	2.2	.4											64	64	48	24
46/ 45		.9	.9	.9	2.0	2.0	1.1											59	59	63	21
44/ 43	.1	.8	.3	1.2	1.6	1.9	.3											46	46	60	26
42/ 41	.1	.1	.4	1.2	2.4	.7	.3											39	39	49	34
40/ 39	1.2	1.7	1.5	.7	.7	1.2												52	52	71	37
38/ 37	.3	.9	.7	1.1	1.1	.3												32	32	79	37
36/ 35	.3	.3	.5	.9	1.2	.1												25	25	58	31
34/ 33	.5	1.2	.3	.9	1.2													31	31	50	34
32/ 31	.1	.5	.4	.5	1.3													22	22	40	42
30/ 29	.1		.5	.4														8	8	25	59
28/ 27				.3														2	2	21	42
26/ 25				.1														1	1	16	29
24/ 23																				11	31
22/ 21			.1	.3														3	3	3	39
20/ 19			.4															3	3		44
18/ 17																				3	21
Element (X)	Σ X ²		Σ X		X̄	s _x	No. Obs.		Mean No. of Hours with Temperature						Total						
Rel. Hum.									≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F							
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-3 (O.A.) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY, N.J. STATION NAME 74-81 YEARS MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb
76/ 75							.1										1	1		
74/ 73							.1										1	1		
72/ 69					.1		.1										2	2		
68/ 67				.1													1	1		
66/ 65					.3		.1										3	3		
64/ 63				.3	.4												6	6		
62/ 61			.4			.1	.1										5	5	4	
60/ 59		.1	.1	.3	.3	.1											7	7	2	
58/ 57			.1		.4		.3										6	6	7	2
56/ 55	.7	.4	.4	.8	.3	.3	.1	.4									25	25	9	10
54/ 53	1.2	1.7	1.3	.8	.5	.4	.9	.1									52	52	20	14
52/ 51	.3	1.3	.9	.9	.3	.4	.1	.1									33	33	21	12
50/ 49	.1	2.6	.9	.9	1.1	.9	.5	.4									56	56	35	24
48/ 47		2.4	.5	1.3	.9	.3	.7										46	46	42	21
46/ 45	.1	1.3	3.4	1.6	1.1	1.2	.3										67	67	35	36
44/ 43	.4	1.5	2.2	1.6	1.5	1.5	.3										66	66	40	28
42/ 41	.5	1.9	.9	2.3	1.6	.4											57	57	66	23
40/ 39	1.1	1.2	3.2	2.3	1.5	.8											75	75	62	33
38/ 37		2.4	1.6	1.3	.9	.1											48	48	53	52
36/ 35		1.6	2.2	2.0	1.1												51	51	79	38
34/ 33	.9	1.1	1.7	1.3	.7												43	43	74	32
32/ 31		1.5	.3	2.8	.7												39	39	53	46
30/ 29	.7	.1	.9	.8	.1												20	20	43	57
28/ 27		.3	.8	1.7													21	21	27	41
26/ 25		.1	.1	.3													4	4	33	41
24/ 23			.1														1	1	16	26
22/ 21			.3	.3													4	4	14	44
20/ 19			.4														3	3	1	27
18/ 17		.1															1	1	6	24
16/ 15																			2	21
14/ 13																				30
12/ 11																				19
10/ 9																				9
8/ 7																				10
Element (X)	Σ X'	Σ X	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																				
Wet Bulb																				
Dew Point																				

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ
STATION STATION NAME

74-81
YEARS

MAR
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
6 / 5																						9
4 / 3																						8
2 / 1																						7
TOTAL	6.0	21.8	23.0	23.9	13.7	6.7	3.1	1.7													744	744
Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature						Total										
Rel. Hum.	3431909	48227	64.8	20.286	744	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	93										
Dry Bulb	1416867	31803	42.7	8.791	744		11.6	.6	.3			93										
Wet Bulb	1134011	28321	38.1	8.678	744		24.4					93										
Dew Point	811407	22725	30.5	2.564	744		52.4					93										

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY NJ STATION NAME 74-81 YEARS MAR 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
66/ 65			.3	.1													3	3		
62/ 61			.3	.1													3	3	3	
60/ 59	.1	.1	.4	.3	.1												8	8	1	3
58/ 57		.7	.1	.4						.1							10	10	4	1
56/ 55	.4	.5		.1						.1							9	9	11	6
54/ 53	.3	1.5	.5	.3						.1							20	20	16	14
52/ 51	.4	1.6	1.1	.4	.4					.1							30	30	16	10
50/ 49	.5	3.1	.9	.5	.1					.1							40	40	17	25
48/ 47		3.2	.8	1.1	.9					.1	.1						47	47	38	15
46/ 45		1.6	1.7	1.1	.4	.4	.1										40	40	38	30
44/ 43	.4	3.6	2.2	1.1	.1	.5											59	59	42	27
42/ 41		2.6	1.3	1.7	.5	.7											51	51	44	25
40/ 39	1.2	1.9	4.4	1.6	.1												69	69	55	40
38/ 37	.5	2.8	3.1	2.0	.5	.3											69	69	40	35
36/ 35	.3	1.6	2.6	2.2	.4												52	52	82	32
34/ 33	.5	2.6	2.8	1.2	.3												55	55	59	39
32/ 31	1.3	2.7	2.7	2.0	.3												67	67	69	64
30/ 29	.5	.8	1.9	2.2													40	40	57	58
28/ 27	.5	1.1	1.6	.1													25	25	43	45
26/ 25	.3	.3	1.2	1.3													23	23	40	47
24/ 23		.1	.4	.1													5	5	27	23
22/ 21	.1	.4	.4	.3													9	9	16	40
20/ 19		.1	.3														3	3	14	31
18/ 17	.4	.1	.1														5	5	8	20
16/ 15		.1	.1														2	2	2	20
14/ 13																			2	24
12/ 11																				19
10/ 9																				16
8/ 7																				11
6/ 5																				3
4/ 3																				8
2/ 1																				4
0/ -1																				3
Element (X)	ΣX^1	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ 74-81 MAR
 STATION STATION NAME YEARS MONTH

PAGE 2 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	
TOTAL	7.9	33.2	31.3	20.3	4.3	2.4	.5											744	744	744		

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	1213480	29312	39.4	8.885	744		22.4					93
Wet Bulb	1031286	26870	36.1	9.050	744		34.8					93
Dew Point	799159	22615	30.4	2.263	744	.4	54.5					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY NJ STATION NAME 74-81 YEARS MAR 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
84/ 83									.0									1	1	
82/ 81									.1									3	3	
80/ 79								.0	.1	.0								6	6	
78/ 77								.1	.0	.0								7	7	
76/ 75							.1	.0	.1									10	10	
74/ 73							.1	.0	.0									9	9	
72/ 71					.1	.0	.0		.0									8	8	
70/ 69				.0	.1	.1	.0	.1	.0	.0								16	16	
68/ 67				.1	.1	.1	.1	.0	.1	.1								27	27	
66/ 65			.1	.1	.1	.0	.1	.1	.1	.0								30	30	11
64/ 63			.1	.1	.2	.2	.1	.1	.1	.1	.0							51	51	22
62/ 61	.0	.1	.2	.2	.2	.2	.1	.1	.1	.1	.1	.0						72	72	2
60/ 59	.0	.2	.3	.3	.2	.2	.3	.2	.1									99	99	28 15
58/ 57		.3	.3	.3	.4	.3	.2	.3	.1									134	134	47 29
56/ 55	.2	.7	.5	.3	.3	.4	.4	.3										177	177	83 46
54/ 53	.3	1.2	.8	.4	.5	.4	.4	.3										249	249	153 94
52/ 51	.3	1.6	1.0	.5	.6	.5	.5	.3										323	323	187 146
50/ 49	.3	2.1	1.0	.7	.9	.6	.6	.2										376	376	244 159
48/ 47	.2	2.0	.8	.9	1.0	.8	.2	.0										354	354	299 192
46/ 45	.1	1.6	1.6	.9	1.4	.9	.3											410	410	309 212
44/ 43	.3	2.3	1.3	1.4	1.0	.9	.1											435	435	339 207
42/ 41	.5	2.2	1.3	1.5	1.1	.5	.0											418	418	438 218
40/ 39	.9	1.7	2.4	1.3	.8	.5	.0											454	454	467 276
38/ 37	.4	1.9	1.7	1.3	.7	.2												369	369	458 329
36/ 35	.4	1.7	1.5	1.5	.8	.0												352	352	507 286
34/ 33	.6	1.6	1.6	1.0	.7													329	329	442 295
32/ 31	.5	2.5	1.7	1.5	.9													420	420	382 416
30/ 29	.6	.7	1.3	1.2	.0													231	231	382 391
28/ 27	.5	.9	1.0	.7														183	183	284 351
26/ 25	.2	.7	1.0	.3														133	133	291
24/ 23	.1	.2	.5	.1														48	48	218 21.
22/ 21	.1	.3	.6	.1														62	62	100 314
20/ 19	.1	.4	.6															67	67	74 293
18/ 17	.1	.3	.3															36	36	62 195
Element (X)	Σ X ²		Σ X		Σ	Σ _n	No. Obs.	Mean No. of Hours with Temperature						Total						
Rel. Hum.								≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total						
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

92730 STATION ATLANTIC CITY NJ STATION NAME 74-81 YEARS MAR MONTH

PAGE 2 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		
14/ 15	.1	.2	.1															22	22	49	157		
14/ 13	.1	.2	.0															17	17	24	196		
12/ 11		.1																4	4	15	178		
10/ 9		.0																2	2	5	136		
8/ 7		.1																6	6	2	83		
6/ 5		.0																2	2	8	56		
4/ 3																					59		
2/ 1																					51		
0/ -1																					20		
-2/ -3																					4		
-4/ -5																					9		
-6/ -7																					1		
TOTAL	6.9	27.7	23.4	16.7	11.9	6.8	3.5	2.1	.6	.3	.0						5952	5952	5952	5952			
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total											
Rel. Hum.	28687845	394301	66.2	20.768	5952	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total											
Dry Bulb	11059485	248417	41.7	10.779	5952		154.1	10.9	4.5	.9		744											
Wet Bulb	8826222	221666	37.2	9.794	5952		237.0					744											
Dew Point	6341434	178672	30.0	2.819	5952	4.3	430.8					744											

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93735 ATLANTIC CITY NJ 74-81 APR
 STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 69						.1												1	1		
68/ 67			.1					.1										2	2		
66/ 65				.3			.1											3	3	1	
64/ 63		.3	.8	.1		.3	.1											13	13		1
62/ 61	.3	.8	1.1		.1	.1	.1											19	19	6	3
60/ 59	.1	1.4	.6	.1	.3													18	19	20	5
58/ 57	.6	2.4	1.4	.3			.1											34	34	24	26
56/ 55	.3	1.8	.7	.4	.4													26	26	26	27
54/ 53	.4	1.8	1.4	.6	.3	.1												33	33	31	20
52/ 51	.7	2.1	2.1	1.0	.7	.3	.3											51	51	26	28
50/ 49	.7	2.5	2.2	1.9	.7	.6	.3											64	64	41	25
48/ 47	.8	3.3	1.9	1.8	1.0	.3												66	66	55	39
46/ 45	.3	2.5	2.4	2.4	.6													58	58	46	28
44/ 43		4.2	3.8	1.7	.8													75	75	52	35
42/ 41		2.6	1.8	1.5	.3	.1												46	46	80	46
40/ 39	.8	3.8	2.9	1.7	.1	.1												68	68	69	45
38/ 37	.1	2.2	1.1	1.0	.1													33	33	65	68
36/ 35		2.2	1.0	.8	.3													31	31	47	50
34/ 33	.1	1.1	1.4	1.0	.3													28	28	35	56
32/ 31	.4	.6	1.8	.7	.1													26	26	21	54
30/ 29		.4	1.1	.4														14	14	26	22
28/ 27		.1	.6	.3														7	7	28	23
26/ 25	.1	.1		.1														3	3	9	23
24/ 23	.1																	1	1	10	24
22/ 21																				2	18
20/ 19																					13
18/ 17																					13
16/ 15																					9
14/ 13																					10
12/ 11																					1
10/ 9																					4
8/ 7																					1
6/ 5																					3

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 97730 ATLANTIC CITY NJ STATION NAME 74-81 YEARS APR
 MONTH APR

PAGE 2 0003-0200
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
TOTAL	6.0	36.3	30.1	18.1	6.3	2.1	1.1	.1											720		720			
Element (X)	Σx^2		Σx		X	c_x	No. Obs.	Mean No. of Hours with Temperature						Total										
Rel. Hum.	4270557		54211		75.3	16.206	720	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total										
Dry Bulb	1554033		32871		45.7	8.613	720		6.4	.4				90										
Wet Bulb	1343187		30449		42.3	8.785	720		12.0					90										
Dew Point	1118184		27182		37.8	11.311	720		27.3					90										

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

92730 ATLANTIC CITY N.J. 74-81 APR
 STATION STATION NAME YEARS MONTH

PAGE 1 0300-0500
 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
63/ 67			.1	.1														2	2		
66/ 68		.3	.4		.1													6	6	1	
64/ 63		.1	.1	.1														3	3	2	1
62/ 61	.1	1.0	.4	.3			.1											14	14	10	3
60/ 59	.4	.7	.3	.1	.1	.1		.1										14	14	10	13
58/ 57	.8	1.9	.4	.1	.1													25	25	16	16
56/ 55	.7	3.2	.7	.1	.1													35	35	27	17
54/ 53	.6	2.6	.6	.7			.1											33	33	30	27
52/ 51		1.1	1.8	.7														26	26	27	26
50/ 49	.4	4.2	2.2	.6	.3	.4												58	58	19	22
48/ 47	.6	2.8	1.9	1.5	.3	.3	.1											54	54	62	30
46/ 45	1.1	3.3	3.1	1.3	.3	.1												66	66	44	34
44/ 43	.1	2.9	2.8	1.3	.1	.3												54	54	45	38
42/ 41	1.0	3.2	3.3	1.0	.1													62	62	66	43
40/ 39	.4	3.9	2.2	1.0	.3													56	56	62	46
38/ 37	.8	2.9	2.5	.6														49	49	70	54
36/ 35	.3	2.6	1.8	.4														37	37	51	55
34/ 33	.3	2.4	2.1	.6	.1													39	39	49	44
32/ 31	.6	2.1	1.8	1.3														41	41	27	60
30/ 29		1.4	1.1															18	18	29	40
28/ 27	.1	1.0	.8	.3														16	16	35	23
26/ 25		.7	.3	.1														8	8	19	22
24/ 23		.1																1	1	12	26
22/ 21	.1	.1	.1															3	3	6	24
20/ 19																				1	19
18/ 17																					11
16/ 15																					8
14/ 13																					10
12/ 11																					3
10/ 9																					2
8/ 7																					1
6/ 5																					2
TOTAL	8.5	44.6	31.0	12.1	2.1	1.5	.1	.1										720	720	720	720
Element (X)	Σ X ²		Σ X		Σ X	Σ X	No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.	4594870		56542		78.5	4.663	720		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb	1433693		31465		43.7	9.030	720			10.9	.3				90						
Wet Bulb	1269782		29504		41.0	9.194	720			16.1					90						
Dew Point	1082997		26711		37.1	1.315	720			31.4					90						

USAFETAC FORM 0-26-3 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

92730 ATLANTIC CITY NJ 74-81 APR
 STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point		
76/ 75							.3											2	2				
74/ 73							.1											1	1				
70/ 69				.3	.3	.1		.1										6	6				
68/ 67			.4	.1		.1	.1											6	6				
66/ 65		.1	.4	.1	.3	.1												8	8	1			
64/ 63	.1	.4	.1			.3	.1	.3										10	10	12	2		
62/ 61		1.3	.4	.3	.1	.3												17	17	12	6		
60/ 59	.4	1.5	.7	.6		.4	.3											28	28	12	20		
58/ 57	.7	1.9	1.0	.3	.7	.4	.1											37	37	23	18		
56/ 55	.7	1.5	1.0	1.3	.8	.3	.3	.1										43	43	31	18		
54/ 53	.6	2.2	1.0	1.8	.6	.6	.1											49	49	31	31		
52/ 51	.3	2.1	2.6	.8	.8	.4	.4											54	54	33	25		
50/ 49	.4	3.1	1.1	1.3	1.3	.7												56	56	46	21		
48/ 47	.1	2.9	2.5	2.6	1.3	.4	.1											72	72	68	43		
46/ 45	.6	3.2	1.7	1.9	1.3	.1	.1											64	64	50	44		
44/ 43	.4	2.5	2.5	1.5	.7	.3												57	57	63	50		
42/ 41	.3	2.8	1.4	1.3	.6													45	45	64	38		
40/ 39	.3	1.5	1.8	1.0	.3	.1												36	36	65	46		
38/ 37		1.4	1.5	.8	.4													30	30	45	47		
36/ 35		2.1	1.7	.7	.1													33	33	39	44		
34/ 33	.1	1.5	1.0	.8														25	25	36	45		
32/ 31	.1	.6	1.0	.6														16	16	34	57		
30/ 29	.3	.6	.8	.4														15	15	16	21		
28/ 27		.6	.3															6	6	17	31		
26/ 25		.1	.1															2	2	16	30		
24/ 23		.1																1	1	4	23		
22/ 21			.1															1	1	1	8		
20/ 19																				1	18		
18/ 17																					13		
16/ 15																					7		
14/ 13																					9		
12/ 11																					1		
10/ 9																					3		
8/ 7																					1		
Element (X)	Σ X ²	Σ X	X̄	σ _x	No. Obs.		Mean No. of Hours with Temperature						Total										
Rel. Hum.							≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F											
Dry Bulb																							
Wet Bulb																							
Dew Point																							

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS (THIS FORM ARE OBSOLETE) JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 93730 ATLANTIC CITY NJ STATION NAME 74-81 YEARS APR MONTH APR

PAGE 2 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			
TOTAL	5.4	34.0	25.1	18.5	9.4	4.3	2.5	.7												720	720	720	720	
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total												
Rel. Hum.	4089223	52789	73.3	17.446	720	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total												
Dry Bulb	1670070	34042	47.3	9.176	720		5.1	1.9	.4			90												
Wet Bulb	1416306	31268	43.4	9.013	720		11.1					90												
Dew Point	1160346	27710	38.5	11.428	720		27.8					90												

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 93730 ATLANTIC CITY NJ YEARS 74-81 MONTH APR

PAGE 1 0900-1100
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
88/ 87											.3						2	2		
86/ 85										.1							1	1		
84/ 83										.1							1	1		
82/ 81							.1	.1	.4			.3					7	7		
80/ 79							.4	.4		.3							8	8		
78/ 77							.3			.1	.1						4	4		
76/ 75						.4	.3	.1	.1	.1				.1			9	9		
74/ 73					.6	.1		.3	.1	.1							9	9		
72/ 71					.6	.3		.4	.1	.1							11	11		
70/ 69		.1		1.1		.1	.4	.4	.1	.4	.1						21	21	2	
68/ 67		.3	.3	.1	.1	.7	1.0	.6	.7	.4							30	30	15	
66/ 65		.3	.1	.3	.6	.6	.7	.4	1.0	.1							29	29	13	
64/ 63		.7	.3	.6	.4	1.3	.6	.4	1.1	.3							40	40	18	
62/ 61		1.3	.8	1.1	.8	1.1	.4	.7	.7	.1							51	51	16	
60/ 59		.1	.7	.1	1.8	.3	1.9	1.1	.3	.3							48	48	18	
58/ 57		.3	1.0	.6	.8	1.9	1.7	1.1	.1								54	54	37	
56/ 55	.4	1.4	.6	.4	1.0	1.9	1.7	.7									58	58	32	
54/ 53	.1	1.3	.8	.8	1.4	1.9	1.1	.3									56	56	53	
52/ 51	.1	2.5	1.0	.3	2.4	.8	1.3	.1									61	61	53	
50/ 49	.1	1.4	.3	1.0	2.4	1.8	1.0	.4									60	60	62	
48/ 47		1.4	.6	.8	1.3	1.4	.4										42	42	74	
46/ 45	.4	.7	.7	1.0	1.8	.7	.4										41	41	68	
44/ 43		.7	.7	.7	1.0	.8											28	28	58	
42/ 41		.6	.1	.8	1.3	.1											21	21	61	
40/ 39			.1	.4	.7	.1											10	10	36	
38/ 37			.1	.7	.4	.1											10	10	41	
36/ 35				.1	.1	.1											3	3	27	
34/ 33				.1	.3												3	3	12	
32/ 31				.1													1	1	13	
30/ 29																			4	
28/ 27																			4	
26/ 25																			2	
24/ 23																			2	
22/ 21																			1	
Element (X)	Σ X ²		Σ X		Σ	Σ _n	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																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ 74-81 APR
STATION STATION NAME YEARS MONTH

PAGE 2 0900-1100
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	
20/ 19																					33	
18/ 17																					9	
16/ 15																					9	
14/ 13																					4	
12/ 11																					4	
8/ 7																					1	
6/ 5																					1	
4/ 3																					1	
TOTAL	1.3	12.9	8.2	11.3	19.6	16.8	13.6	7.6	4.9	2.8	.6	.4								719	719	719

Element (X)	Σ _n ¹	Σ _n	X̄	σ _n	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	2488394	39578	55.0	20.772	719							
Dry Bulb	2327846	40308	56.1	9.741	719		.1	12.9	5.1	2.0		90
Wet Bulb	1702079	34431	47.9	8.613	719		2.9	2.1				90
Dew Point	1171459	27639	38.4	2.321	719		29.4	.1				90

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ 74-81 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	Dew Point	
92/ 91												.1						1	1			
90/ 89												.1	.1					2	2			
88/ 87												.1						1	1			
86/ 85											.1							2	2			
84/ 83								.1		.1	.6							10	10			
82/ 81								.1	.1									2	2			
80/ 79						.1	.3	1.0	.4		.1							14	14			
78/ 77							.4	.1			.1	.1						6	6			
76/ 75					.3	.1	.3	.1	.3	.6	.1							13	13			
74/ 73				.1	.3	.1	.1	.4	.6									12	12			
72/ 71			.1		.1	.3	.1	.1	.4	1.0	.3							18	18	1		
70/ 69			.1	.3	.4	.3	.1	.6	.7	1.1	.3							28	28	4		
68/ 67		.1	.3	.1	.8	.4	.3	.7	.8	1.8	.1							40	40	10	1	
66/ 65		.4		.4	.4	.4	1.1	.8	1.0	.6	.1							38	38	25	2	
64/ 63		.7	.3	.7	1.0	1.0	.4	2.4	.8	.3								54	54	14	7	
62/ 61		1.3	.4	.8	.3	1.3	2.6	.7	.1									54	54	21	18	
60/ 59		.8	.7	.6	.4	1.5	1.5	2.5	.8		.1							65	65	31	16	
58/ 57		.8	.8	.7	.6	1.7	1.9	1.7	.6									63	63	30	20	
56/ 55	.1	1.0	.7	.4	1.4	1.1	1.1	1.3	.1									52	52	43	21	
54/ 53	.1	1.3	.8	.8	1.0	1.3	.8	.7		.1								50	50	46	23	
52/ 51		1.5	1.3	.6	1.1	1.4	1.4	.4										55	55	65	32	
50/ 49		1.0	.1	1.1	1.0	1.3	1.7	.4										47	47	83	33	
48/ 47		.6		.1	.8	1.3	.7											25	25	90	33	
46/ 45		.3	.3	1.0	.8	.7												22	22	50	32	
44/ 43		1.0	.7	1.1	.4	.1												24	24	49	28	
42/ 41	.1	.6	.1	.3		.3	.3											12	12	51	25	
40/ 39					.4	.3												5	5	47	38	
38/ 37				.4														3	3	33	50	
36/ 35			.3															2	2	12	43	
34/ 33																				2	66	
32/ 31																					11	50
30/ 29																				2	36	
28/ 27																						30
26/ 25																						27
Element (X)	ΣX^2		ΣX		\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.							≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F										
Dry Bulb																						
Wet Bulb																						
Dew Point																						

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

92730 ATLANTIC CITY NJ 74-81 APR
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89												.1						1	1		
88/ 87											.1							1	1		
86/ 85										.1								1	1		
84/ 83								.1			.3	.3						5	5		
82/ 81							.1	.1	.1		.3							5	5		
80/ 79							.4	.4		.1								7	7		
78/ 77							.1	.1	.4						.1			6	6		
76/ 75						.4				.1	.3							6	6		
74/ 73					.3	.7	.4	.3			.3							14	14		
72/ 71					.3	.1	.3	.4	.1	.8								15	15		
70/ 69				.1	.6	.3	.3	.4		.8	1.0	.1						26	26	2	
68/ 67			.3	.1	.4	.1	.7	.6	.1	1.1	.4							28	28	3	
66/ 65		.1	.1	.7	.1	.1	1.4	.8	1.1	.4	.1							37	37	14	
64/ 63		.7	.4	.3	.1	.7	1.0	2.4	1.3	.4								52	52	17	5
62/ 61	.1	1.3	.4	.1	1.1	.7	1.0	2.4	.7	.3								58	58	22	7
60/ 59	.1	.8	.4	.6	.4	1.5	1.3	1.5	1.3	.1								58	58	30	19
58/ 57	.3	1.8	1.1	.6	1.3	1.3	1.7	1.9	1.0	.3								80	80	22	23
56/ 55	.1	1.9	.8	.8	1.1	1.5	1.3	.8										61	61	41	24
54/ 53	.6	2.1	.3	.4	1.0	1.7	.8	1.3										58	58	62	33
52/ 51	.1	1.3	.7	.4	1.1	1.7	.8	.1										45	45	72	31
50/ 49		1.0	.3	.1	1.8	.4	1.5	.1										38	38	75	30
48/ 47		1.1	.4	.6	.7	1.5	.8											37	37	71	23
46/ 45		.7	.3	1.1	1.0	.1	.6											27	27	66	36
44/ 43		1.1	1.1	.8	.3	.4	.4											30	30	61	25
42/ 41		.7	.3		.4	.1												11	11	54	43
40/ 39	.1	.1	.1	.1	.3													6	6	41	31
38/ 37					.3													2	2	38	41
36/ 35	.1	.1	.1															3	3	9	39
34/ 33	.1	.1																2	2	12	72
32/ 31																				8	53
30/ 29																					29
28/ 27																					23
26/ 25																					30
24/ 23																					22
Element (X)	ΣX^2		ΣX		\bar{X}	σ_x	No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.									$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total						
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ 74-81 APR
STATION STATION NAME YEARS MONTH

PAGE 2 1500-1700
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																					
22/ 21																																					27					
20/ 19																																						25				
18/ 17																																						12				
16/ 15																																						7				
14/ 13																																						6				
12/ 11																																						1				
8/ 5																																						2				
4/ 3																																						1				
TOTAL	1.8	15.0	7.2	6.9	12.5	13.5	14.4	13.8	6.5	4.4	2.2	1.1	.6																											720	720	720

Element (X)	ΣX^2	ΣX	\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.	2373689	37803	52.5	23.256	720							
Dry Bulb	2469734	41634	57.8	9.305	720			14.4	5.8	2.3		90
Wet Bulb	1746609	35029	48.7	7.679	720		1.0	.6				90
Dew Point	1152250	27460	38.1	2.082	720			29.8				90

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93736 STATION ATLANTIC CITY, N.J. STATION NAME 74-81 YEARS APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
86/ 85										.1								1	1				
82/ 81									.1									1	1				
80/ 79										.3								2	2				
78/ 77									.1									1	1				
76/ 75										.1								1	1				
74/ 73					.1		.3	.1										4	4				
72/ 71				.1	.6		.1		.1	.1	.1							9	9				
70/ 69					.3	.3		.1	.1	.1								7	7				
68/ 67			.1	.4	.3	.3	.1		.1	.1								11	11				
66/ 65			.1	.1	.1	.1	.1	.3	.4	.3	.1							12	12	3			
64/ 63		.4	.4	1.1	.4	.3	.3	.7	.3									28	28	6			
62/ 61	.1	.6	.7	.6	.6	.7	.4	.6	.3									32	32	17	4		
60/ 59	.3	1.5	.8	.4	.6	.8	1.3	1.1	.3									51	51	24	12		
58/ 57		1.8	1.3	.8	1.0	1.9	1.3	1.0	.1									66	66	23	18		
56/ 55	.7	1.9	1.1	1.4	.7	1.3	1.0	.8	.3									66	66	36	25		
54/ 53	.4	1.8	.6	1.1	1.1	2.5	.6	.7										63	63	38	37		
52/ 51	1.0	2.5	1.1	1.4	1.4	.8	1.1	.1										68	68	55	34		
50/ 49		2.4	1.0	1.9	1.5	1.4	.6											63	63	63	33		
48/ 47		1.9	1.1	1.9	1.8	1.9	.3											65	65	70	28		
46/ 45		1.0	1.3	1.0	1.8	1.4	.1											47	47	66	39		
44/ 43		1.1	1.1	1.1	.4	.7	.6											36	36	78	27		
42/ 41		.8	1.5	1.4	.6	.6												35	35	58	35		
40/ 39		.6	.8	.7	.6	.1	.3											22	22	59	41		
38/ 37	.3	.6	.3	.6	.3	.1												15	15	50	44		
36/ 35	.1	.3	.1	1.0														11	11	27	61		
34/ 33			.1	.3														3	3	19	48		
32/ 31																				13	54		
30/ 29																				14	27		
28/ 27																				1	27		
26/ 25																					33		
24/ 23																					17		
22/ 21																					18		
20/ 19																					21		
18/ 17																					16		
Element (X)	Σ X ²		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature						Total						
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb																							
Wet Bulb																							
Dew Point																							

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ 74-81 APR
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL ± 31	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	D.B./W.B.		Dry Bulb	Wet Bulb	Dew Point	
76/ 75							.1										1	1				
74/ 73							.1										1	1				
72/ 71						.1											1	1				
70/ 69				.1													1	1				
68/ 67							.3	.1									3	3				
66/ 65			.1	.8	.1		.4										11	11	1			
64/ 63		.1	.6	.4	.1												9	9	1			
62/ 61		.4	.8	.8	.3	.1			.1								20	20	5	1		
60/ 59	.3	1.8	1.1	.1	.3	.4	.1	.1									31	31	22	7		
58/ 57	.8	1.9	1.0	.3	.4	.7	.4										40	40	34	27		
56/ 55	.1	1.7	1.8	.6	.3	.8		.4									41	41	27	25		
54/ 53	.4	2.2	1.0	1.5	.3	.7	.6	.1									49	49	26	26		
52/ 51	.7	3.3	1.1	1.7	.7	.1	.3										57	57	43	31		
50/ 49	.3	3.2	1.9	2.6	1.5	.7	.4										77	77	53	40		
48/ 47		3.2	1.9	1.9	1.5	.1	.1										64	64	47	36		
46/ 45		2.9	3.8	1.8	1.5	.4	.1										76	76	60	33		
44/ 43		2.6	1.3	1.4	1.3		.3										49	49	73	31		
42/ 41		2.2	2.2	1.3	.8												47	47	77	40		
40/ 39	.4	1.4	2.8	1.4	1.1	.1											52	52	53	48		
38/ 37	.1	1.4	.8	1.3	.3												28	28	63	68		
36/ 35		1.1	.7	1.3		.1											23	23	41	51		
34/ 33		.6	.6	1.4	.3												20	20	31	49		
32/ 31		.1	.4	1.0													11	11	20	45		
30/ 29		.4	.4														6	6	20	25		
28/ 27			.1														1	1	12	24		
26/ 25																			8	26		
24/ 23																			2	12		
22/ 21																				24		
20/ 19																				16		
18/ 17																				13		
16/ 15																				3		
14/ 13																				8		
12/ 11																				3		
10/ 9																				4		
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																
Rel. Hum.						± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total										
Dry Bulb																						
Wet Bulb																						
Dew Point																						

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC JUN 71

PSYCHROMETRIC SUMMAR

92730 STATION ATLANTIC CITY, NJ STATION NAME 74-81 YEARS APR MONTH

PAGE 2 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 Pt		
67 7																							
67 5																							
TOTAL	3.2	30.7	24.1	22.1	10.8	4.6	3.3	1.0	.1														
Element (X)	Σx^2	Σx		\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total										
Rel. Hum.	3876557	51159		71.2	18.1	719	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total										
Dry Bulb	1706848	34532		48.0	8.2	719		2.3	.9	.3			9										
Wet Bulb	1426857	31471		43.8	8.2	719		7.8					9										
Dew Point	1147586	27556		38.3	11.2	719		25.8					9										

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GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

92730 ATLANTIC CITY NJ 74-81 APP
 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							
92/ 91													.0					1	1									
90/ 89												.0	.0					3	3									
88/ 87											.0	.0						4	4									
86/ 85									.0	.0	.0	.0						5	5									
84/ 83							.0	.0	.0	.1	.0	.1	.1					16	16									
82/ 81							.1	.0	.1	.0	.1	.1						15	15									
80/ 79						.0	.1	.2	.1	.0	.1	.0						31	31									
78/ 77							.1	.0	.1	.0	.0	.0	.0					17	17									
76/ 75				.0	.0	.1	.1	.0	.1	.1	.0	.1						32	32									
74/ 73				.0	.2	.1	.1	.1	.1	.0	.0	.0						41	41									
72/ 71			.0	.0	.2	.1	.1	.1	.1	.3	.1							54	54	1								
70/ 69		.0	.0	.2	.2	.2	.1	.2	.1	.3	.2	.0						90	90	8								
68/ 67		.1	.2	.1	.2	.2	.3	.3	.2	.4	.1							122	122	28	2							
66/ 65		.2	.2	.3	.2	.2	.5	.3	.4	.2	.1							144	144	59	3							
64/ 63	.0	.4	.4	.4	.3	.5	.3	.8	.4	.1								209	209	70	22							
62/ 61	.1	1.0	.6	.5	.5	.4	.4	.8	.3	.1								265	265	109	56							
60/ 59	.2	1.1	.7	.3	.5	.6	.8	.8	.3	.1	.0							313	313	167	116							
58/ 57	.4	1.6	1.0	.5	.6	.9	.9	.7	.2	.0								399	399	209	166							
56/ 55	.4	1.8	.9	.7	.7	.9	.7	.5	.1									382	382	263	179							
54/ 53	.4	1.9	.8	1.0	.7	1.1	.5	.4		.0								391	391	317	210							
52/ 51	.4	2.0	1.5	.9	1.0	.7	.7	.1										417	417	374	233							
50/ 49	.2	2.3	1.1	1.3	1.3	.9	.7	.1										463	463	442	250							
48/ 47	.2	2.2	1.3	1.4	1.1	.9	.3											425	425	537	264							
46/ 45	.3	1.8	1.7	1.4	1.1	.5	.2											401	401	450	294							
44/ 43	.1	2.0	1.7	1.2	.6	.3	.2											353	353	479	268							
42/ 41	.2	1.7	1.4	.9	.5	.2	.0											279	279	511	297							
40/ 39	.3	1.4	1.4	.8	.5	.1	.0											255	255	432	321							
38/ 37	.2	1.1	.8	.7	.2	.0												170	170	405	398							
36/ 35	.1	1.1	.7	.5	.1	.0												143	143	253	402							
34/ 33	.1	.7	.6	.5	.1													120	120	196	441							
32/ 31	.1	.4	.6	.5	.0													95	95	147	416							
30/ 29	.0	.3	.4	.2														53	53	111	237							
28/ 27	.0	.2	.2	.1														30	30	97	207							
26/ 25	.0	.1	.1	.0														13	13	54	220							
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.		Mean No. of Hours with Temperature																					
Rel. Hum.																												
Dry Bulb																												
Wet Bulb																												
Dew Point																												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
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PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY N.J. STATION NAME 74-81 YEARS APR MONTH

PAGE 2 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		
24/ 23	.0	.0																	3	3	28	171	
22/ 21	.0	.0	.0																4	4	9	144	
20/ 19																						2	173
18/ 17																							98
16/ 15																							53
14/ 13																							58
12/ 11																							18
10/ 9																							16
8/ 7																							7
6/ 5																							11
4/ 3																							7
TOTAL	3.7	25.5	18.3	14.4	10.9	9.0	7.2	5.6	2.7	1.8	.6	.3	.1						5758	5758		5758	
																				5758	5758		

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Num.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	26916861	372703	64.7	22.024	5758		24.8	53.9	20.6	8.0		720
Wet Bulb	12269530	260770	45.3	8.936	5758		56.0	4.6				720
Dew Point	9147482	219356	38.1	11.721	5758		229.6	.3				720

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

STATION 9373C ATLANTIC CITY NJ STATION NAME ATLANTIC CITY NJ YEARS 74-81 MONTH MAY
 PAGE 1 0000-0200
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			
78/ 75			.1														1	1						
74/ 73			.1	.3													3	3						
72/ 71		.3															2	2	3					
70/ 69	1.1	.1		.3													11	11	10	11				
68/ 67	.5	.1	.9	.8													18	18	6	6				
66/ 65	.1	2.3	1.2	.3													29	29	8	5				
64/ 63	1.1	2.7	2.2	.5		.3	.1										51	51	40	20				
62/ 61	.9	5.0	2.0	.4	.4	.1											66	66	35	41				
60/ 59	2.0	4.6	1.2	.5	.1			.1									64	64	84	50				
58/ 57	1.2	5.1	1.7	.4					.1								63	63	54	67				
56/ 55	1.3	5.5	1.9	.8	.1	.1	.1	.1									75	75	72	71				
54/ 53	.8	3.4	2.4	1.2	.3	.3											62	62	61	60				
52/ 51	.5	3.6	1.9	1.1	.1	.4	.1										58	58	47	35				
50/ 49	1.1	3.6	1.5	1.5	.1	.4											61	61	58	57				
48/ 47	.8	3.6	1.7	1.1	.3	.1											57	57	58	52				
46/ 45	.1	2.6	2.0	1.5		.1											47	47	57	40				
44/ 43	.1	1.7	1.3														24	24	43	46				
42/ 41	.3	.5	1.5	.1	.1												19	19	34	41				
40/ 39	.5	.1	1.5		.1												17	17	36	37				
38/ 37	.1	.3	.1														4	4	17	15				
36/ 35		.4		.1													4	4	6	18				
34/ 33		.3	.1	.1													4	4	6	28				
32/ 31		.1	.1														2	2	2	16				
30/ 29	.3																2	2	7	10				
28/ 27																				3				
26/ 25																				3				
24/ 23																				5				
22/ 21																				4				
18/ 17																				2				
16/ 15																				1				
TOTAL	13.0	46.0	25.7	11.0	1.7	1.9	.4	.1	.1								744	744	744	744				
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.												Mean No. of Hours with Temperature							
Rel. Hum.	5396722	62580	84.1	3.376	744												≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	
Dry Bulb	2242028	40422	54.3	7.858	744													.5	4.4	.5				93
Wet Bulb	2048771	38555	51.8	8.269	744													1.1	2.4					93
Dew Point	1886826	36726	49.4	9.975	744													5.5	2.1					93

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY, N.J. STATION NAME 74-81 YEARS MAY MONTH

PAGE 1 0300-0500 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				
72/ 71			.4																	3	3				
70/ 69	.1																			1	1	1	1		
68/ 67	.9	.3	.4	.5	.1															17	17	10	7		
66/ 65	.8	1.7	.8		.1															26	26	9	10		
64/ 63	.9	3.1	1.3	.3																42	42	29	15		
62/ 61	2.0	5.1	1.7	.4	.1															70	70	53	42		
60/ 59	1.7	3.9	.7	.4	.1															51	51	69	48		
58/ 57	2.6	4.0	.5	.8																59	59	60	78		
56/ 55	2.0	5.4	2.8																	76	76	60	69		
54/ 53	1.2	4.3	1.9	.1		.4														59	59	48	40		
52/ 51	1.1	3.8	1.1	.3		.1														47	47	72	49		
50/ 49	.7	5.5	.8	.5	.1															57	57	36	54		
48/ 47	1.7	3.4	1.5	.1	.1	.1														52	52	63	63		
46/ 45	.1	3.2	1.7	.1	.4															42	42	38	35		
44/ 43	.1	3.5	1.5	1.3	.1															49	49	47	33		
42/ 41		1.7	2.2	1.1	.1															38	38	33	32		
40/ 39	.3	1.5	1.2	.1																23	23	38	38		
38/ 37	.1	1.2	.7																	15	15	40	22		
36/ 35		.3	.3																	4	4	16	23		
34/ 33	.1		.3	.1																4	4	10	28		
32/ 31	.3		.3																	4	4	3	24		
30/ 29	.1																			1	1	3	14		
28/ 27	.3		.1																	3	3	4	4		
26/ 25																						1	5		
24/ 23																							6		
20/ 19																							2		
18/ 17																							1		
TCIAL	17.4	52.0	22.2	6.3	1.5	.7															743	743	743		
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																			
Ref. Num.	5678505	64397	86.7	11.440	743	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total													
Dry Bulb	2122942	39230	52.8	8.341	743		1.0	2.6				93													
Wet Bulb	1974684	37752	50.8	8.726	743		1.4	1.4				93													
Dew Point	1844916	36264	48.8	10.051	743		7.0	1.0				93													

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY NJ STATION NAME 74-81 YEARS MAY 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
80/ 79					.1													1	1		
76/ 75				.3	.1	.1	.1											5	5		
74/ 73	.1	.3		.3	.1	.4	.1											10	10	1	1
72/ 71	.5	.3	.4		.9	.8	.1	.3										25	25	7	6
70/ 69	.1	.1	.9	.9	.7		.5	.1										26	26	6	3
69/ 67	.5	.8	1.5	1.2	.4	.3		.1										36	36	16	10
66/ 65	.1	2.4	1.1	1.3	.7	.1		.1										44	44	29	14
64/ 63	1.5	4.0	1.5	1.1	.5	.4	.4	.1										71	71	57	35
62/ 61	1.3	4.0	.9	1.3	.5	.7	.3	.4										71	71	69	50
60/ 59	.8	4.2	1.2	1.3	.8	.4	.1											66	66	61	58
58/ 57	1.1	4.3	2.3	.9	.7	1.1	.1											78	78	69	73
56/ 55	.9	3.1	3.2	.7	.9	.5	.1											71	71	60	65
54/ 53	.3	2.4	.8	.4	1.1	.9												44	44	62	40
52/ 51	.9	1.7	1.6	.7	.3	.3	.3											43	43	61	53
50/ 49	.5	3.2	.9	1.2	.7	.1												50	50	53	64
48/ 47	.8	1.9	.8	.5	1.1	.3												40	40	56	44
46/ 45	.1	.9	1.3	.5	.3		.1											25	25	38	38
44/ 43		.9	.1	.4	.3													13	13	27	29
42/ 41		.5	.7	.5	.1													14	14	30	24
40/ 39	.1	.3	.4															6	6	20	28
38/ 37		.1	.3															3	3	10	30
36/ 35																				9	21
34/ 33		.1																1	1	1	15
32/ 31			.1															1	1	1	18
30/ 29																				1	12
28/ 27																					6
26/ 25																					2
24/ 23																					1
22/ 21																					2
20/ 19																					1
18/ 17																					1
TOTAL	9.9	35.8	20.2	14.7	10.2	5.8	2.6	.8	.1									744	744	744	744

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	4829523	58659	78.8	16.598	744	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	2529165	42971	57.8	7.979	744		.1	12.9	2.0			93
Wet Bulb	2221811	40211	54.0	8.081	744		.3	3.8	.1			93
Dew Point	1986335	37703	50.7	10.093	744		5.4	2.5	.1			93

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

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93730 STATION ATLANTIC CITY NJ STATION NAME 74-81 YEARS MAY MONTH
 PAGE 1 0900-1100 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
92/ 91								.1										1	1		
90/ 89											.1							1	1		
88/ 97							.1											1	1		
86/ 85								.4	.3			.3						7	7		
84/ 83				.1		.1			.1			.3						5	5		
82/ 81					.1	.3	.7	.1	.4			.1						13	13		
80/ 79			.7	.1	.1	.9	.3	.7	.4	.3	.1							27	27		
78/ 77		.1	.4	.3	.8	.4	.8	.9	.5	.3								34	34	4	
76/ 75		.1	.3	.5	1.2	1.2	.9	.4			.1							36	36	6	
74/ 73		.1		.7	.9	.8	.7	.8	1.1	.3	.3							42	42	7	
72/ 71		.4	.8	.8	.7	.8	.8	.5	.3	.3	.4							43	43	15	
70/ 69	.1	.1	2.0	.9	.9	1.7	.7	.5	.5	.9	.1							65	65	10	
68/ 67		.1	2.2	.7	1.3	1.1	1.1	.7	.8	.4								62	62	41	
66/ 65	.1	1.5	1.1	.9	1.5	.8	1.3	.7	1.1									67	67	36	
64/ 63	.4	2.0	1.3	.7	1.2	2.0	.5	.7	.5									70	70	41	
62/ 61	.1	2.4	.3	1.3	.7	1.5	.8	1.1										61	61	48	
60/ 59	.7	.9	.5	.8	.1	1.1	.9	.7										43	43	64	
58/ 57	.3	1.7	.5	.4	.5	.8	.7	.1										38	38	50	
56/ 55	.5	1.9	.8	.5	.3	.9	.5	.3	.1									44	44	45	
54/ 53	.5	.3	.5	.3	.3	.7	.1	.1										21	21	52	
52/ 51	.5	1.3	.1	.1	.3	.5	.1	.3										25	25	50	
50/ 49	.3	1.2	.1	.1	.4	.4												19	19	32	
48/ 47		.3	.1		.7	.1	.1											10	10	31	
46/ 45		.7			.3													7	7	30	
44/ 43		.3																2	2	35	
42/ 41																			2	16	25
40/ 39																				6	18
38/ 37																				6	17
36/ 35																					32
34/ 33																					18
32/ 31																					31
30/ 29																					15
28/ 27																					8
24/ 23																					1
Element (X)	Σ X'	Σ X	X	%	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

92730 ATLANTIC CITY N.J. 74-81 MAY
STATION STATION NAME YEARS MONTH

PAGE 2 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
22/ 21																					3
20/ 19																					1
18/ 17																					3
16/ 15																					1
TOTAL	3.6	15.6	11.8	9.4	12.4	16.3	11.3	9.1	5.9	2.7	1.2	.7						744	744	744	
																	744		744		
Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.		Mean No. of Hours with Temperature						Total								
Rel. Hum.	3245318	46512	62.5	21.315	744		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total								
Dry Bulb	3251226	48740	65.5	8.853	744				42.1	20.9	5.9		93								
Wet Bulb	2515676	42850	57.6	8.018	744				12.3	2.4			93								
Dew Point	2018430	37804	50.8	1.458	744			7.9	4.1	1.3			93								

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY NJ STATION NAME 74-81 YEARS MAY 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
94/ 93								.1	.1								2	2		
92/ 91								.1									1	1		
90/ 89								.1	.1		.4	.1					6	6		
88/ 87								.1	.3	.1	.3	.3					10	10		
86/ 85							.1	.5	.1	.3	.1	.1					11	11		
84/ 83				.3	.1	.3	.5	.4	.7	.4	.1	.1		.1	.1		23	23		
82/ 81			.1	.1	.1	.1	.4	.3	.4		.1	.1	.3				16	16		
80/ 79			.4	.1	.3	.7	.5	.7	1.2	.1	.1	.3					32	32		
78/ 77			.3	.3	.1	1.1	.9	1.3	.5	.7	.1	.3					42	42	6	
76/ 75		.3	.1	.9	.9	.3	1.3	.4	1.1	.4	.9	.3					52	52	7	4
74/ 73		.1	.4	1.3	.9	.3	1.2	.9	.7	.1	.8	.1					52	52	13	6
72/ 71		.7	1.1	1.7	.9	.7	.8	.7	.7	1.1	.5						66	66	22	7
70/ 69		.1	1.9	.7	1.1	1.2	1.1		1.2	.4	.4						60	60	35	12
68/ 67		.3	1.6	.9	1.1	.4	1.6	.4	.9	.5							58	58	48	15
66/ 65		1.3	1.2	.8	1.9	1.2	.9	1.3	.8								71	71	67	31
64/ 63		1.1	.3	.9	1.1	1.1	1.6	.5	.5								53	53	69	45
62/ 61		.8	.5	.7	.8	1.2	1.2	.5									43	43	55	59
60/ 59		.3	.5	1.1	.3	.5	1.1	.7									33	33	56	36
58/ 57		.1	1.5	.1	.1	.7	.3	.7	.4		.1						30	30	67	36
56/ 55		.5	.7	.3	.3	.1	.3	.5	.1								21	21	64	64
54/ 53		.5	1.1	.4		.1	.8	.1	.1								24	24	63	58
52/ 51		.9	.4	.1	.1	.4											15	15	62	34
50/ 49		.5		.5		.1											9	9	37	32
48/ 47		.7		.1													6	6	23	49
46/ 45		.7															5	5	22	37
44/ 43			.3														2	2	13	31
42/ 41		.1															1	1	11	31
40/ 39																			4	26
38/ 37																				36
36/ 35																				19
34/ 33																				29
32/ 31																				23
30/ 29																				10
28/ 27																				6
Element (X)	Σ H ²		Σ R		Σ I	Σ e _s	No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.									≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total					
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM 0-26-3 (O.L.A.) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY NJ STATION NAME 74-81 YEARS MAY MONTH

PAGE 2 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		
24/ 23																							1
22/ 21																							1
20/ 19																							3
18/ 17																							1
16/ 15																							1
14/ 13																							1
TOTAL	1.5	1.4	9.4	10.9	10.9	10.8	14.5	9.9	9.7	4.6	3.5	1.7	.9	.1	.1				744	744	744	744	
Element (X)	Σ X²			Σ X			Σ X			Σ X			No. Obs.			Mean No. of Hours with Temperature							
Rel. Hum.	2768612			42606			57.32			1.034			744			= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total	
Dry Bulb	3543063			50869			68.4			9.356			744					53.9	30.9	10.8	.3	93	
Wet Bulb	2616809			43731			58.8			7.901			744					16.4	3.3			93	
Dew Point	2019562			37822			50.8			1.417			744				5.9	5.5	1.3			93	

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUN 71

GLOBAL CLIMATOLOGY BRANCH
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 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 93730 ATLANTIC CITY NJ STATION NAME 74-81 YEARS MAY MONTH

PAGE 1 1500-1700
 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	
92/ 91								.1										1	1			
90/ 89								.3										4	4			
88/ 87																		4	4			
86/ 85								.4	.1	.1	.4							9	9			
84/ 83				.1			.4	.7	.1	.4					.1			15	15			
82/ 81			.1	.4		.4	.8	.5	.1	.3	.4							23	23			
80/ 79			.4		.5	.1	.4	.7			.3	.1						19	19			
78/ 77		.1	.1		.1	.4	.7	1.1	.4		.1	.1						24	24	3		
76/ 75		.1	.3	.3	.7	.9	.4	1.3	.5	.3	.7	.3						43	43	11	2	
74/ 73		.1	.7	1.1	1.1	1.3	.5	.4	.7	.5	.4	.5						51	51	3	8	
72/ 71		.1	1.9	1.2	1.2	.5	.7	.9	.4	.5	.5							60	60	16	3	
70/ 69		.3	1.5	1.3	1.1	.5	1.5	1.2	.9	.3								64	64	24	6	
68/ 67		.3	1.3	1.9	.5	.4	.9	1.1	.5	.4								55	55	50	15	
66/ 65		1.3	1.6	.8	1.7	.4	1.2	1.3	1.6	.1								76	76	47	30	
64/ 63		1.6	.8	1.2	1.1	.5	1.6	1.2	.4									63	63	72	30	
62/ 61		1.2	.8	1.2	.8	2.0	1.1	.8	.1									60	60	67	49	
60/ 59		1.9	.9	.8	.7	1.3	.5	.8										52	52	49	64	
58/ 57		1.2	.5	1.1	.4		.8											30	30	77	49	
56/ 55	.3	.5	.5		.7		.4	.1										19	19	68	51	
54/ 53	.5	1.2	.5		.5	.8	.4	.1	.3									33	33	61	47	
52/ 51	.4	.9	.7	.4		.5												22	22	80	50	
50/ 49	.1																	1	1	42	45	
48/ 47	.1	.4	.3															6	6	25	22	
46/ 45		.1	.5															5	5	21	38	
44/ 43		.4	.1															4	4	17	41	
42/ 41																				6	48	
40/ 39																				2	23	
38/ 37																				2	25	
36/ 35		.1																1	1	1	20	
34/ 33																					29	
32/ 31																					24	
30/ 29																					17	
28/ 27																					4	
26/ 25																					1	
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.				Mean No. of Hours with Temperature													
Rel. Hum.					$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total											
Dry Bulb																						
Wet Bulb																						
Dew Point																						

USAFETAC FORM JUN 71 0 26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ 74-81 MAY
 STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87							.1											1	1		
86/ 85								.1										1	1		
84/ 83						.1												1	1		
82/ 81					.1		.3						.1					4	4		
80/ 79				.1	.1	.1	.3	.3			.1							8	8		
78/ 77				.1	.4	.1	.1	.1	.1		.1							9	9		
76/ 75		.1		.3		.5		.1	.1	.1	.1	.1						12	12	1	
74/ 73		.4	.3	.7	.8	.4	.4	.3	.1	.1	.3							27	27	6	
72/ 71		.5	1.1	.4	.8	.1		.1	.5	.3	.1							30	30	6	7
70/ 69	.3	.4	1.8	1.5	.8	.3	.4	.5	.4	.3								49	49	15	11
68/ 67		.8	2.0	1.8	.1	.1	.9	.5	.3	.3								51	51	29	2
66/ 65		1.9	2.4	.9	.4	.8	.7	.8	.1									60	60	32	28
64/ 63	.3	2.6	1.8	.3	.8	.7	.8	.7	.1									59	59	55	31
62/ 61	.1	3.2	2.0	1.8	.8	.8	.7	.7										75	75	63	33
60/ 59	1.1	3.8	1.6	1.1	1.2	1.5	.7	.4										84	84	63	85
58/ 57	.1	3.4	.8	1.5	2.0	.4	1.1	.1										70	70	62	57
56/ 55	.8	1.2	1.6	.8	1.5	.7	.5											53	53	80	61
54/ 53	.4	2.0	.5	1.3	.7	.5	.1											42	42	53	33
52/ 51	.5	2.0	1.3	.8	.8	.7		.1										47	47	76	42
50/ 49		1.5	.4	.7	.4	.5	.1											27	27	67	40
48/ 47		.8	.3		.5													12	12	49	47
46/ 45	.1	.8	.3		.1	.1												11	11	32	35
44/ 43	.1	.3		.1														4	4	29	53
42/ 41			.4	.3														5	5	11	38
40/ 39																				8	37
38/ 37																				4	16
36/ 35																				1	21
34/ 33																					18
32/ 31																					28
30/ 29																					12
28/ 27																					3
26/ 25																					1
24/ 19																					1
18/ 17																					1
Element (X)	Σ X ²		Σ X		Σ	Σ	Σ	Σ	No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb																					
Wet Bulb																					
Dew Point																					

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC JUN 71

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ
 STATION STATION NAME

74-81 YEARS

MAY MONTH

PAGE 2 1800-2000
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
18/ 15																						1
TOTAL	3.9	25.7	18.6	14.4	12.5	8.6	6.9	5.3	2.0	.9	.8	.1	.1					742	742		742	
Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total										
Rel. Hum.	3963732	52156	70.32	0.041	742	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb	2834684	45484	61.3	7.926	742			24.2	7.9	1.3		93										
Wet Bulb	2332691	41231	55.6	7.492	742			7.1	.9			93										
Dew Point	1962474	37376	50.4	10.376	742		5.9	2.5				93										

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLCRAL CLIMATOLOGY BRANCH
 USAFETAC
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PSYCHROMETRIC SUMMAR

93730 ATLANTIC CITY NJ 74-81 MAY
 STATION STATION NAME YEARS MONTH

PAGE 1 2100-230
 HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Pt.
80/ 79				.1	.1													2	2		
78/ 77				.1														1	1		
74/ 73			.1	.1	.1			.1										4	4	2	
72/ 71	.4	.3	.8	.1	.3													14	14	4	
70/ 69	.8	.1	1.1	.1	.1		.1											18	18	9	1
68/ 67	.1	1.3	2.3	.3	.1	.1	.1											33	33	13	
66/ 65		2.2	2.7	.4	.3	.3		.1	.1									40	40	22	1
64/ 63	.7	3.0	2.6	.7	.7		.1	.1	.1									60	60	44	2
62/ 61	.3	5.8	1.3	.9		.1	.1			.1								64	64	44	4
60/ 59	1.1	4.9	2.0	.9	.8	.7	.3	.1										80	80	89	7
58/ 57	1.3	5.3	2.8	.7	1.8													88	88	64	7
56/ 55	1.3	2.3	2.6	1.5	1.3	.1	.3											70	70	71	6
54/ 53	.5	2.3	1.9	1.8	.7	.1	.1											55	55	46	4
52/ 51	.1	2.4	1.5	1.1	.8	.1												45	45	58	3
50/ 49	.5	3.1	2.2	1.3	1.3													63	63	68	6
48/ 47	.1	1.2	1.5	.7	.4													29	29	56	4
46/ 45	.3	1.8	2.0	.3	.3													34	34	46	2
44/ 43	.7	1.2	.4	.5														21	21	42	5
42/ 41	.1	.4	.4		.1													8	8	33	5
40/ 39		.3	.5	.1														7	7	14	3
38/ 37		.1	.1	.1														3	3	6	2
36/ 35																				5	1
34/ 33		.3																2	2	4	1
32/ 31																				1	2
30/ 29																					1
28/ 27																					
26/ 25																					
22/ 21																					
TOTAL	9.5	38.2	28.2	12.0	9.3	1.6	1.2	.5	.3	.1								741	741	741	74

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	4970867	59687	80.5	14.847	741	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	2433377	42095	56.8	7.536	741			9.0	.9	.1		9
Wet Bulb	2167344	39656	53.5	7.805	741		.1	3.5	.3			9
Dew Point	1956460	37402	50.5	9.628	741		4.4	2.1				9

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ 74-81 MA
 STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93								.0	.0									2	2		
92/ 91								.0	.0									3	3		
90/ 89								.0	.0	.0	.0	.1	.0					11	11		
88/ 87								.0	.0	.0	.1	.1	.0					16	16		
86/ 85								.0	.2	.1	.1	.1	.0			.0		28	28		
84/ 83				.1	.0	.1	.1	.1	.2	.1		.1		.1	.0			44	44		
82/ 81			.0	.1	.1	.1	.2	.2	.1	.0	.1	.1	.1					56	56		
80/ 79			.2	.1	.2	.2	.2	.2	.3	.1	.1	.0	.0					89	89		
78/ 77		.0	.1	.1	.2	.3	.3	.4	.2	.1	.1	.1						110	110	13	
76/ 75		.1	.1	.3	.4	.4	.4	.3	.2	.1	.2	.1						149	149	27	12
74/ 73	.0	.1	.2	.6	.5	.4	.4	.3	.3	.1	.2	.0						189	189	32	19
72/ 71	.1	.3	.8	.7	.6	.3	.3	.3	.2	.3	.2							243	243	73	32
70/ 69	.3	.2	1.1	.7	.6	.5	.5	.3	.4	.2	.1							294	294	123	66
68/ 67	.3	.5	1.5	1.0	.5	.3	.6	.3	.3	.2								330	330	213	64
66/ 65	.2	1.8	1.4	.7	.8	.5	.5	.6	.5	.0								413	413	271	172
64/ 63	.6	2.5	1.5	.7	.7	.6	.7	.4	.2	.0								469	469	426	243
62/ 61	.6	3.4	1.2	1.0	.5	.8	.5	.4	.0									510	510	455	362
60/ 59	1.0	3.1	1.0	.9	.5	.7	.5	.3	.0									473	473	547	475
58/ 57	.8	3.3	1.2	.7	.8	.3	.4	.1	.0									456	456	502	483
56/ 55	1.0	2.6	1.7	.5	.6	.3	.3	.1	.0									429	429	542	486
54/ 53	.6	2.1	1.1	.6	.5	.6	.1	.1	.0									340	340	456	371
52/ 51	.5	2.1	1.1	.6	.3	.4	.1	.1										302	302	511	349
50/ 49	.4	2.3	.7	.7	.4	.2	.0											287	287	415	388
48/ 47	.5	1.5	.8	.3	.4	.1	.0											217	212	361	381
46/ 45	.1	1.3	1.0	.3	.2	.0	.0											176	176	278	279
44/ 43	.1	1.0	.5	.3	.1													119	119	234	320
42/ 41	.1	.4	.6	.3	.1													85	85	172	292
40/ 39	.1	.3	.5	.0	.0													53	53	128	240
38/ 37	.0	.2	.2	.0														25	25	85	184
36/ 35		.1	.0	.0														9	9	38	164
34/ 33	.0	.1	.1	.0														11	11	21	180
32/ 31	.0	.0	.1															7	7	7	184
30/ 29	.1																	3	3	11	100
28/ 27	.0		.0															3	3	4	35
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
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PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ 74-81 MAY
STATION STATION NAME YEARS MONTH

PAGE 2 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	
26/ 25																				1	13
24/ 23																					14
22/ 21																					13
20/ 19																					8
18/ 17																					9
16/ 15																					5
14/ 13																					3
TOTAL	7.4	29.6	18.7	11.3	8.7	7.0	6.2	4.7	3.2	1.4	1.0	.6	.2	.1	.0			5946	5946	5946	
																		5946		5946	

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Rel. Hum.	33814054	430824	72.5	20.906	5946							
Dry Bulb	22339333	359543	60.5	10.033	5946		1.6	195.7	87.2	26.2	.3	744
Wet Bulb	18422415	327131	55.0	8.452	5946		2.9	60.2	9.0			744
Dew Point	15661418	298654	50.2	10.542	5946		48.0	24.1	3.9			744

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

92730 ATLANTIC CITY NJ 73-80 JUN
STATION STATION NAME YEARS MONTH

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

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

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/ 77				.3														2	2			
76/ 75			.7	.6	.1													10	10			
74/ 73		1.7	.3	.4														17	17	1		
76/ 71	.4	3.1	1.0	.3	.4		.1											38	38	33	14	
70/ 69	1.7	2.9	5.1	.3	.3	.1												75	75	40	44	
50/ 67	2.5	4.7	3.1	.4	.3													79	79	60	44	
66/ 65	1.5	7.6	2.5	1.0	.1													92	92	85	80	
64/ 63	2.5	6.4	1.4	.4	.4													80	80	96	86	
62/ 61	1.0	5.8	3.5	1.1	.3													84	84	67	62	
60/ 59	.1	4.7	2.1	.6	.6													58	58	68	62	
58/ 57	.3	4.2	.7	.1	.1													39	39	76	68	
56/ 55	.7	2.2	1.8	.3														36	36	46	65	
54/ 53	.3	1.7	1.4	.1														25	25	25	43	
52/ 51	.4	1.9	1.4	.4														30	30	36	30	
50/ 49	.4	1.3	1.1	.3	.1													23	23	29	34	
48/ 47		1.4	.3	.1	.1													14	14	21	26	
46/ 45		.4	.4	.1														7	7	14	18	
44/ 43		.7																5	5	10	17	
42/ 41		.6																4	4	8	7	
40/ 39	.1	.1																2	2	5	12	
38/ 37																					3	
36/ 35																					2	
32/ 31																					3	
TOTAL	11.9	51.4	26.7	6.8	2.9	.1	.1											720		720	720	
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total											
Rel. Num.	5579480	63026	87.5	9.318	720	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total										
Dry Bulb	2328641	44839	62.3	7.099	720			27.6	3.6			90										
Wet Bulb	2633404	43234	60.0	7.205	720			16.8	.1			90										
Dew Point	2506807	42103	58.5	7.891	720		.4	12.8				90										

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY NJ 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		
76/ 75			.3															2	2				
74/ 73	.3	.7	.6	.8														17	17	2	2		
72/ 71	.1	2.9	1.7															34	34	16	3		
70/ 69	1.4	4.6	2.9	.3														66	66	57	51		
68/ 67	1.9	5.3	.6	.3														58	58	50	44		
66/ 65	3.2	8.8	1.4	.3	.1													99	99	87	86		
64/ 63	1.8	4.9	1.8	.4														64	64	76	68		
62/ 61	2.1	6.4	2.5	.4														82	82	64	73		
60/ 59	.4	6.5	1.8	.1														64	64	68	43		
58/ 57	.8	3.8	1.3	.8														48	48	74	71		
56/ 55	.4	3.8	1.0	.8														43	43	33	56		
54/ 53	.4	2.8	1.4															33	33	47	52		
52/ 51	.3	3.2	.6															29	29	30	32		
50/ 49		1.8	1.1	.1														22	22	38	22		
48/ 47	.4	1.4	.3															15	15	16	36		
46/ 45	.3	2.2	.4	.3														23	23	21	22		
44/ 43	.3	.3	.7															9	9	18	16		
42/ 41	.3	.8																8	8	9	20		
40/ 39	.1																	1	1	11	6		
38/ 37	.3																	2	2	2	9		
36/ 35																					5		
34/ 33																					2		
TOTAL	14.9	60.1	20.2	4.7	.1													719	719	719	719		
Element (X)	Σ X²		Σ X		Σ	Σ	No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.	5822418		64458		89.6	7.810	719		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb	2712467		43821		60.9	7.621	719				22.2	2.4			90								
Wet Bulb	2559692		42538		59.2	7.741	719				15.6	.3			90								
Dew Point	2460130		41630		57.9	8.325	719				12.5	.3			90								

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

9373J ATLANTIC CITY NJ 73-80 JUN
 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
84/ 83					.1													1	1	
82/ 81			.1	.1	.1	.1												4	4	
80/ 79				.6	.4	.1		.1										9	9	
78/ 77		.1	.3	1.1	.7	.1	.3	.1										20	20	1
76/ 75	.1	.8	1.5	.8	.8	.7												35	35	7
74/ 73	.7	1.8	1.8	1.1	.7		.1											45	45	21
72/ 71	.6	3.2	3.9	1.1	1.9	.4	.7	.1										86	86	48
70/ 69	.8	4.2	4.3	1.5	.7	.4												86	86	60
68/ 67	1.3	5.1	2.5	.8	.4	.4	.1	.1										78	78	89
66/ 65	2.2	4.3	3.5	1.3	.8	.3	.3											91	91	107
64/ 63	.7	4.6	2.4	1.4	.8	.4	.1											75	75	67
62/ 61	.4	4.6	1.3	1.1	.1	.3	.1											57	57	86
60/ 59	.1	2.5	1.4	.1	.7	.4												38	38	60
58/ 57	.1	1.8	1.0	1.1	.4	.1												33	33	44
56/ 55		.8	.7	.6	.1													16	16	37
54/ 53	.3	2.4	.3	.4	.1													25	25	27
52/ 51	.1	.3	.6	.4														10	10	29
50/ 49		.1	.3	.1														4	4	15
48/ 47		.4	.1															4	4	14
46/ 45		.1	.1															2	2	4
44/ 43		.1																1	1	3
42/ 41																				1
40/ 39																				
38/ 37																				
TOTAL	7.5	37.4	26.0	13.8	9.2	3.9	1.8	.6										720	720	720
Element (X)	Σ X ²		Σ X		Σ X		Σ X		No. Obs.		Mean No. of Hours with Temperature									
Rel. Hum.	4985585		59173		82.2		13.051		720		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb	3188292		47670		66.2		6.686		720				45.5	14.3	1.0		90			
Wet Bulb	2865084		45168		62.7		6.624		720				28.3	3.6			90			
Dew Point	2664192		43440		60.3		7.761		720				20.5	1.8			90			

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS JUN MONTH

PAGE 1 0900-1100 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
92/ 91							.1										1	1			
90/ 89						.1	.1	.1									3	3			
88/ 87					.1	.1	.1	.1	.1	.1							6	6			
86/ 85					.3	.8	.6	.7	.3	.6	.3						25	25			
84/ 83				.3	.7	.7	1.0	.6	.1	.3	.1						27	27			
82/ 81		.1	.7	1.1	1.1	1.5	.3	1.3	.7	.1							50	50	1		
80/ 79		.1	.3	1.7	1.9	1.8	1.8	1.3	.4	.3	.1						70	70	3		
78/ 77		.1	.6	1.4	2.2	.4	2.1	1.3	.6	.6							66	66	14		
76/ 75	.3	.4	1.7	2.5	1.9	1.8	1.3	.6	.3	.3	.1						80	80	26		
74/ 73	.3	1.1	1.0	3.1	1.8	1.7	1.9	1.0	.4	.4	.1						92	92	61		
72/ 71		1.8	1.7	1.5	1.4	1.0	2.1	.4	.3	.4							76	76	62		
70/ 69	.1	1.0	3.3	.8	.7	.8	1.0	.1	.1								58	58	85		
68/ 67	.6	1.5	.4	1.1	.7	.8	.6	.8									47	47	92		
66/ 65	.3	1.4	.6	.8	.6	.6	.7	.3									37	37	91		
64/ 63		1.3	.1	.9	.1	1.3	.6	.1									31	31	67		
62/ 61		.8	.4	.4	.6	.7	.3	.1									24	24	62		
60/ 59		1.5	.4	.1	.1	.7											21	21	45		
58/ 57					.1												1	1	39		
56/ 55		.1	.1	.1													3	3	22		
54/ 53			.3														2	2	27		
52/ 51																			18		
50/ 49																			5		
48/ 47																			19		
46/ 45																			13		
44/ 43																			22		
42/ 41																			15		
40/ 39																			9		
38/ 37																			2		
36/ 35																			3		
34/ 33																			1		
TOTAL	1.5	11.4	11.5	15.8	14.4	14.9	14.3	8.8	3.3	3.1	1.0						720	720	720		

Element (X)	Σ X'	Σ X	X̄	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.	3293218	47100	65.4	17.175	720			75.1	52.5	18.1		90
Dry Bulb	3925682	52938	73.5	6.817	720			43.0	13.1	.4		90
Wet Bulb	3125109	47209	65.6	6.428	720			25.3	3.8			90
Dew Point	2677116	43438	60.3	8.863	720							90

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS JUN 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
94/ 93									.4								3	3			
92/ 91						.1		.1	.4								7	7			
90/ 89						.4	.4	.8	.7								23	23			
88/ 87						.3	1.0	.6	1.4	1.1	.4	.6					38	38			
86/ 85				.1		.8	.8	1.1	1.1	.1	.3						32	32			
84/ 83				.3	.7	1.0	1.3	.8	1.1	.4							40	40			
82/ 81			.6	.8	1.4	2.8	1.4	1.8	1.1	.3	.3						75	75	2		
80/ 79			.1	1.5	2.6	1.9	1.0	1.4	1.7	.8	.4						83	83	4		
79/ 77			.3	1.7	2.1	1.1	1.4	1.4	1.1	.1	.3	.4					71	71	16	3	
76/ 75		.1	1.0	1.3	1.3	1.3	1.8	1.1	.8								62	62	34	9	
74/ 73		.1	1.4	1.1	.7	1.5	2.6	1.4	1.0	.1	.4						75	75	73	13	
72/ 71		.8	1.0	.7	.4	.4	.8	.6	.3	.4							39	39	77	35	
70/ 69		.6	.6	.7	1.0	.6	1.0	.4	.4								37	37	90	59	
68/ 67	.3	1.5	1.3	.7	.7	.3	.8	.8	.4	.1							50	50	69	72	
66/ 65	.6	1.1	.1	.4	.4	.4	.7	.8									33	33	75	78	
64/ 63	.1	.8	.1	.4	.4	.7	.1	.1									18	18	77	54	
62/ 61		1.1	.3	.3	.1	.1	.1										15	15	64	37	
60/ 59	.1	1.4	.1	.1													13	13	42	58	
58/ 57		.3			.1												3	3	39	61	
56/ 55			.4														3	3	17	53	
54/ 53																			27	40	
52/ 51																			12	28	
50/ 49																			2	33	
48/ 47																				26	
46/ 45																				19	
44/ 43																				6	
42/ 41																				9	
40/ 39																				10	
38/ 37																				11	
36/ 35																				6	
34/ 33																				1	
TOTAL	1.1	7.9	7.2	9.7	11.9	13.8	15.3	13.3	11.5	4.0	2.6	1.5					720	720		720	
Element (X)	Σ X ²		Σ X		Σ	Σ _n	No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.	2746317		42627		59.2	7.596	720		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total						
Dry Bulb	4220813		54853		76.2	7.629	720				79.4	63.6	32.5	.4	90						
Wet Bulb	3183582		47654		66.2	6.411	720				45.6	16.1	.5		90						
Dew Point	2629955		43035		59.8	8.960	720				23.9	3.1			90						

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ 73-80 YEARS JUN MONTH

PAGE 1 1500-1700 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
94/ 93									.3									2	2		
92/ 91								.1		.1	.1							3	3		
90/ 89					.1		.4	.6	.1	.1	.3	.4						15	15		
88/ 87					.3	.6	.6	1.0	.3	.6	.4	.3						28	28		
86/ 85					.3	.7	.8	1.1	.7	.4	1.1				.1			38	38		
84/ 83				.4	.3	.6	1.3	1.1	1.0	.6	.1	.1						39	39		
82/ 81			.4	.3	1.1	1.3	.6	.7	.7	.1	.3							39	39	2	
80/ 79			.4	1.1	2.6	2.4	1.3	1.5	.8	.3	.4							78	78	2	2
78/ 77			.7	.8	1.8	.4	1.3	1.1	1.4	.6	.1	.3						61	61	16	1
76/ 75		.4	.4	3.1	1.3	1.7	1.4	1.8	1.0		.3							81	81	24	9
74/ 73		.6	1.7	2.8	.8	1.0	2.1	1.3	1.0									80	80	55	14
72/ 71		.4	.8	1.1	.7	1.7	1.9	.1	.8	.4								58	58	65	27
70/ 69		1.4	.7	.3	1.3	.8	1.3	.4	.4	.3								49	49	94	45
68/ 67	.1	.4	1.0	1.0	.1	1.0	.4	.7	.7									39	39	77	79
66/ 65	.4	1.3	.4	1.0	.3	.4	.3	.3										31	31	70	73
64/ 63	.1	1.9	.7	.1	1.3	.6	.4	.3										39	39	64	49
62/ 61		1.1	.3	.6	.3	.1	.1											18	18	89	52
60/ 59		1.3	.3			.1												12	12	58	52
58/ 57		.6		.3	.1													7	7	35	44
56/ 55		.1		.1														2	2	35	69
54/ 53																				14	44
52/ 51																				16	43
50/ 49																				3	33
48/ 47																					23
46/ 45																					16
44/ 43																					8
42/ 41																					13
40/ 39																					6
38/ 37																					9
36/ 35																					7
34/ 33																					1
TOTAL	.7	9.5	7.8	12.9	12.7	13.2	14.0	12.0	9.0	3.6	3.2	1.3	.1						719		719
																			719		719
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.	2871855	43593	60.6	7.852	719		= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total								
Dry Bulb	4078341	53879	74.9	7.544	719				76.4	58.1	25.4	.3	90								
Wet Bulb	3108998	47062	65.5	6.307	719				41.9	12.4	.4		90								
Dew Point	2581194	42612	59.3	8.813	719				22.2	3.3			90								

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ 73-80 JUN
 STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	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/ 87							.1		.3									3	3		
86/ 85					.1	.1	.1		.4	.1								7	7		
84/ 83					.1	.6	.3	.3		.1	.1							11	11		
82/ 81			.1	.1	.6	.3	.3	.4	.3	.1	.1							17	17		
80/ 79			.1	1.0	.4	.6	.3	.7	.3	.1								25	25	1	
79/ 77		.1	.3	1.0	.7	.6	.4	.3	.1									25	25	2	1
76/ 75		.4	1.4	1.9	1.4	1.1	.7	.7	.4	.1								59	59	7	3
74/ 73		1.7	2.2	2.5	1.1	1.1	1.1	.6		.1								75	75	27	6
72/ 71	.1	1.3	3.9	2.1	1.4	.8	.8	.8										81	81	42	27
70/ 69		3.9	4.7	1.5	1.7	1.9	.8	.1	.3	.1								109	109	76	39
68/ 67	1.1	2.4	1.5	1.7	1.9	.7	1.3	.4	.3									81	81	94	75
66/ 65	.4	3.1	1.0	2.4	1.5	.8	.7	.1	.1									73	73	102	74
64/ 63		2.1	1.3	1.3	.6	.4	.1	.1										42	42	63	78
62/ 61		1.9	1.4	1.1	1.0	.6	.1											44	44	69	51
60/ 59		1.4	1.3	1.3	.4	.7	.1											37	37	79	51
58/ 57		.7	.7	.3	.3	.3												16	16	56	62
56/ 55		.4	.6															7	7	43	55
54/ 53		.1	.1	.1														3	3	24	51
52/ 51			.4	.1														4	4	22	31
50/ 49			.1															1	1	6	37
48/ 47																				6	28
46/ 45																				1	15
44/ 43																					12
42/ 41																					15
40/ 39																					2
38/ 37																					6
36/ 35																					1
34/ 33																					1
TOTAL	1.7	19.4	21.1	18.3	13.2	10.6	7.4	4.6	2.2	1.3	.3							720	720	720	720
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature															
Ref. Num.	3910636	51708	71.8	16.559	720	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total									
Dry Bulb	3502681	49999	69.4	6.523	720			61.6	27.8	6.3		90									
Wet Bulb	2920887	45651	63.4	6.062	720			31.1	4.6			90									
Dew Point	2573941	42653	59.2	8.099	720			18.8	1.3			90									

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS JUN 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	
79/79					.3													2	2			
77/77				.6			.1											5	5			
75/75		.1	1.1	.6	.3		.1											16	16			
73/73		2.1	.7	1.1	.6	.3	.3											36	36	8	1	
71/71	.6	1.7	3.8	1.1	1.1	.1												60	60	33	19	
69/69	.6	3.6	5.8	.6	.4	.3	.1	.1										83	83	44	37	
67/67	2.1	5.6	3.2	1.4	.4	.1	.1											93	93	80	68	
65/65	1.7	8.3	2.5	2.5	.6	.6												111	111	98	86	
63/63	.8	5.0	2.5	1.1	.4	.4												74	74	97	84	
61/61	.1	3.5	2.9	1.3	.4													59	59	71	58	
59/59		4.2	2.2	.7	1.1													59	59	64	55	
57/57		1.8	1.3	1.3	.4	.1												35	35	64	65	
55/55	.3	1.8	.8	.7	.3													28	28	45	72	
53/53	.3	1.8	1.1	.3	.3	.1												28	28	42	33	
51/51		.7	.7		.1													11	11	24	37	
49/49		.6	.4	.1	.1													9	9	20	26	
47/47		.1	.1															2	2	14	27	
45/45		.6	.1															5	5	3	19	
43/43		.4																3	3	10		
41/41																				2	7	
39/39																					7	
37/37																					2	
34/33																					2	
TOTAL	5.7	41.9	29.3	13.2	6.8	2.1	.7	.3											719		719	719
Element (X)	Σ X ²		Σ X		Σ	σ _x	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.	5096142		59748		83.4	1.675	719	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total								
Dry Bulb	3018773		46365		64.5	6.345	719			36.9	7.4	.3		90								
Wet Bulb	2738385		44127		61.4	6.484	719			20.7	1.0			90								
Dew Point	2557511		42537		59.2	7.553	719			15.6	.1			90								

USAFAETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ 73-80 JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93									.1									5	5		
92/ 91						.0		.0	.1	.0	.1							11	11		
90/ 89					.0	.1	.1	.2	.1	.0	.1	.1						41	41		
88/ 87					.1	.1	.2	.2	.3	.1	.1							75	75		
86/ 85				.0	.1	.3	.3	.4	.3	.2	.2		.0					102	102		
84/ 83				.1	.2	.3	.5	.3	.3	.2	.1	.0						118	118		
82/ 81		.0	.2	.3	.5	.7	.3	.5	.3	.1	.1							185	185	5	
80/ 79		.0	.1	.7	1.0	.9	.5	.6	.4	.2	.1							267	267	10	3
78/ 77		.1	.3	.9	.9	.3	.7	.5	.4	.2	.1	.1						250	250	49	10
76/ 75	.1	.3	1.0	1.3	.9	.8	.7	.5	.3	.1	.1							345	345	98	36
74/ 73	.2	1.2	1.2	1.6	.7	.7	1.0	.5	.3	.1	.1							437	437	248	59
72/ 71	.2	1.9	2.2	1.0	.9	.6	.8	.3	.2	.2								472	472	376	197
70/ 69	.6	2.8	3.4	.7	.7	.6	.5	.2	.2	.1								563	563	546	384
68/ 67	1.2	3.3	1.7	.9	.6	.4	.4	.4	.2	.0								525	525	611	522
66/ 65	1.2	4.5	1.5	1.2	.6	.4	.3	.2	.0									567	567	715	645
64/ 63	.8	3.4	1.3	.7	.5	.5	.2	.1										423	423	607	543
62/ 61	.5	3.2	1.6	.8	.3	.2	.1	.0										383	383	572	458
60/ 59	.1	2.9	1.2	.4	.4	.2	.0											302	302	484	456
58/ 57	.2	1.6	.6	.5	.2	.1												182	182	427	473
56/ 55	.2	1.2	.7	.3	.1													138	138	278	466
54/ 53	.2	1.1	.6	.1	.1	.0												116	116	233	325
52/ 51	.1	.8	.5	.1	.0													84	84	187	265
50/ 49	.1	.5	.4	.1	.0													59	59	118	232
48/ 47	.1	.4	.1	.0	.0													35	35	71	208
46/ 45	.0	.4	.1	.1														37	37	43	133
44/ 43	.0	.2	.1															18	18	41	108
42/ 41	.0	.2																12	12	20	96
40/ 39	.0	.0																3	3	16	57
38/ 37	.0																	2	2	2	46
36/ 35																					24
34/ 33																					8
32/ 31																					3
TOTAL	5.6	29.9	18.7	11.9	8.9	7.3	6.7	4.9	3.3	1.5	.9	.3	.0					5757	5757	5757	5757
Element (X)	Σx²		Σx		X	σ _x	No. Obs.		Mean No. of Hrs with Temperature												
Rel. Hum.	34305651		431633		75.0	8.377	5757		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total						
Dry Bulb	27475690		394364		68.5	8.950	5757				424.7	229.6	83.5	.6	720						
Wet Bulb	23135141		362643		63.0	7.118	5757				243.0	51.3	1.3		720						
Dew Point	20650846		341448		59.3	8.331	5757			.4	151.5	13.5			720						

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

97730 ATLANTIC CITY NJ 73-80 JUL
 STATION STATION NAME YEARS MONTH
 PAGE 1 0300-0500
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79				.3														2	2		
75/ 77		.1	.4	.1														5	5		
76/ 75	.4	1.5	3.0	1.2	.1													46	46	7	5
74/ 73	.7	3.5	3.2	2.4	.1													74	74	34	18
72/ 71	1.2	4.3	4.8	1.6														89	89	62	47
70/ 69	1.1	7.1	5.1	1.1	.1													108	108	97	72
65/ 67	2.6	5.9	2.4	.1														82	82	117	111
66/ 65	2.2	6.5	2.6	1.1	.5													95	95	100	111
64/ 63	2.0	4.8	2.0	.4	.1													70	70	91	98
62/ 61	.9	2.8	1.5	.4														42	42	54	60
60/ 59	.4	2.0	.4	.5														25	25	43	44
58/ 57	.3	.8	.5		.1													13	13	29	38
56/ 55	.5	3.4	1.6	.5	.4													48	48	24	31
54/ 53	.1	.9	1.7	.4														24	24	26	27
52/ 51	.1	.7	.9	.1														14	14	29	19
50/ 49		.1	.5															5	5	17	17
48/ 47		.3																2	2	8	23
46/ 45																				6	7
44/ 43																					11
42/ 41																					5
TOTAL	12.5	44.8	30.8	10.3	1.6													744	744	744	744
Element (X)	Σ X'		Σ X		X	σ _x		No. Obs.		Mean No. of Hours with Temperature						Total					
Rel. Hum.	5808311		65425		87.9	8.607		744		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb	3305697		49363		66.3	6.413		744				50.8	15.9			93					
Wet Bulb	3083870		47656		64.1	6.493		744				39.6	5.1			93					
Dew Point	2956555		46603		62.6	7.096		744				31.6	2.9			93					

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMA

93730 ATLANTIC CITY NJ 73-80 JUL
 STATION STATION NAME YEARS MONTH

PAGE 1 0600-01
 HOURS LL. S.

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	
85/ 85					.1	.1												2	2			
83/ 83				.1	.7	.3	.1											9	9			
81/ 81			.4	.4	.3	.5												12	12			
79/ 79		.1	.4	1.3	.8	.8	.3			.1								29	29			
77/ 77		1.1	1.6	1.7	1.1	.5	.1	.1										47	47	10		
75/ 75		2.6	4.4	3.8	.8	.8												92	92	27		
73/ 73	.4	4.2	4.0	3.6	1.7	.8												110	110	71		
71/ 71	1.2	3.9	4.6	1.9	1.3	.3	.3											100	100	90		
69/ 69	1.2	6.0	4.0	.8	1.2	.8	.4	.1										109	109	132		
67/ 67	.8	3.5	2.7	.9	.7	.4												67	67	104	1	
65/ 65	1.1	3.4	1.6	1.2	1.2	.4												66	66	90	1	
63/ 63	.4	2.7	.5	.7	.5	.3												38	38	71		
61/ 61	.1	.7	.9	.5	.5													21	21	40		
59/ 59	.1	.9	.5	.5	.3													18	18	39		
57/ 57		.9	.4	.4														13	13	25		
55/ 55		.3	.4	.3														7	7	21		
53/ 53		.3																2	2	14		
51/ 51		.1	.1															2	2	8		
49/ 49																				1		
47/ 47																				1		
45/ 45																						
43/ 43																						
TOTAL	5.4	30.6	26.7	18.3	11.3	6.0	1.2	.3	.1									744	744	744	7	
Element (X)	Σ X ²	Σ X	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature																
Rel. Hum.	5032179	60513	81.3	2.188	744	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb	3742180	52592	70.7	5.748	744			72.1	37.6	5.0												
Wet Bulb	3340808	49682	66.8	5.588	744			54.3	13.5													
Dew Point	3124208	47962	64.5	6.597	744			41.6	6.1													

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

AD-A113 180

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
ATLANTIC CITY, NEW JERSEY, REVISED UNIFORM SUMMARY OF SURFACE W--ETC (U)
NOV 81
USAFETAC/DS-81/102

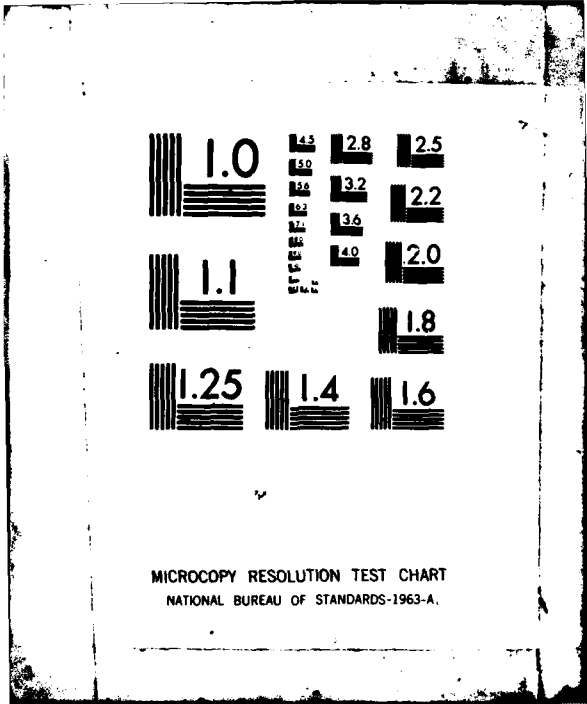
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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ 73-80 JUL
STATION STATION NAME YEARS MONTH
PAGE 1 0900-1100
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		
94/ 93							.1			.1								2	2				
92/ 91							.7	.3	.1	.1								9	9				
90/ 89						.7	.3	.7	.3	.4	.3							19	19				
88/ 87					.1	.8	1.1	.8	.7	.1								27	27				
86/ 85				.1	.5	1.7	1.6	1.3	.9		.5	.1						52	52				
84/ 83			.3	.3	1.3	3.0	2.6	.7	.8	.3	.7							73	73				
82/ 81		.1	1.3	1.6	3.0	2.7	1.9	1.6	.9	.3	.1							101	101				
80/ 79			1.1	2.0	2.6	3.0	1.9	2.2	1.3	.3								106	106	18			
78/ 77			.9	3.1	2.8	1.3	1.7	.5	.5	.7								87	87	32			
76/ 75		1.3	2.0	2.0	1.5	1.7	1.7	.7	.7	.5								91	91	67			
74/ 73	.1	1.1	2.0	1.5	1.3	2.3	.9	1.1	.8									83	83	130			
72/ 71	.4	1.1	1.5	.3	.3	.9	.1	.4	.1									38	38	105			
70/ 69	.1	1.2	1.5	.4	.1	.3	.4											30	30	110			
68/ 67		.4	.4		.5	.1	.3											13	13	81			
66/ 65		.3			.1	.1	.1											5	5	75			
64/ 63		.3		.3	.1													5	5	51			
62/ 61		.3																2	2	26			
60/ 59		.1																1	1	32			
58/ 57																				14			
56/ 55																				3			
54/ 53																				24			
52/ 51																				25			
50/ 49																				12			
48/ 47																				15			
46/ 45																				7			
44/ 43																				8			
TOTAL	.7	6.2	11.0	11.6	14.4	18.7	15.3	10.3	7.3	2.7	1.7	.1						744	744	744			
Element (X)	Σ X ²		Σ X		Σ X		Σ X		Σ X		No. Obs.		Mean No. of Hours with Temperature					Total					
Rel. Hum.	3165433		47113		63.3		15.653		744		≤ 0 F		≤ 32 F		≈ 67 F		≈ 73 F		≈ 80 F		≈ 93 F		Total
Dry Bulb	4624430		58508		78.6		5.609		744						91.4		81.3		43.0		.3		93
Wet Bulb	3623366		51780		69.6		5.142		744						67.9		30.9		1.4				93
Dew Point	3124875		47899		64.4		7.439		744						43.0		10.3						93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
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PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ 73-80 JUL
 STATION STATION NAME YEARS MONTH
 PAGE 1 1200-1400
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	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		
96/ 95									.1	.3		.3							5	5			
94/ 93								.9	.9	.1	.1								16	16			
92/ 91							.7	.7	.7	1.5	.7								31	31			
90/ 89						.1	.8	1.7	2.0	1.2	.1	.3							47	47			
88/ 87					.5	1.6	1.5	.9	.8	.3	.5								46	46			
86/ 85		.4	.3	.8	3.2	1.3	1.5	.8	.7	.5	.9								78	78			
84/ 83		.3	1.1	2.4	2.0	3.2	2.0	1.9	1.3	.7	.1								112	112	1		
82/ 81		.4	.7	1.9	2.8	1.9	2.3	2.0	.5	1.1									101	101	4	1	
80/ 79		.7	1.3	2.3	1.9	1.3	1.3	.9	.8	.4									82	82	25	5	
78/ 77	.4	.7	.9	1.7	1.2	2.4	.9	.9	.3	.7									76	76	44	3	
76/ 75	1.1	.9	1.9	.8	1.2	.9	.8	.8	.4										66	66	94	30	
74/ 73	.3	.5	.9	.7	.1	1.1	.4	.5	.3										36	36	121	48	
72/ 71	.1	.7	.9	.5	.5	.5	.3		.3										23	23	106	73	
70/ 69		.3	.5	.3	.1	.3													11	11	94	94	
68/ 67		.1	.1	.3		.1	.1												6	6	67	78	
66/ 65						.1													1	1	72	67	
64/ 63		.3		.1															3	3	47	71	
62/ 61		.5																	4	4	34	56	
60/ 59																					28	46	
58/ 57																					4	30	
56/ 55																					1	36	
54/ 53																					2	22	
52/ 51																						24	
50/ 49																						25	
48/ 47																						12	
46/ 45																						9	
44/ 43																						12	
42/ 41																						2	
TOTAL	.4	3.8	5.9	7.9	10.5	14.9	14.9	14.7	12.4	7.9	4.4	2.0	.3						744	744	744	744	
Element (X)	Σ x²		Σ x		Σ R	Σ n	No. Obs.		Mean No. of Hours with Temperature						Total								
Rel. Hum.	2628647		42583		57.2	16.050	744		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb	4968408		60636		81.5	5.980	744				92.0	87.0	60.0	2.6	93								
Wet Bulb	3694727		52283		70.3	5.272	744				69.5	36.1	1.9		93								
Dew Point	3090445		47585		64.0	7.952	744				41.5	10.9	.1		93								

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ 73-80 JUL
 STATION STATION NAME YEARS MONTH
 PAGE 1 1500-1700
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
96/ 95								.3		.1								3	3		
94/ 93								.1	.8	.3								11	11		
92/ 91							.5	.7	.9	.8	.1							23	23		
90/ 89							.3	.8	1.6	1.3	.4					.1		34	34		
88/ 87							.1	1.6	1.3	.9	.5	.3	.4	.1				40	40		
86/ 85					.7	2.3	1.3	1.6	.3	.1	.3	.1	.1					51	51		
84/ 83			.1	.9	2.6	1.7	2.6	1.7	.5	.7	.4	.7						89	89		
82/ 81			.7	.7	2.6	3.1	2.2	1.7	1.6	1.3	.8							109	109		
80/ 79		.1	1.1	1.9	2.3	2.2	1.9	1.9	.9	.8	.5							101	101	18	1
78/ 77		.5	.4	1.2	1.5	2.2	1.9	.7	1.3	.7	.1							78	78	41	5
76/ 75	.3	.7	1.2	2.2	2.2	1.3	1.9	.8	1.5	.4								92	92	89	27
74/ 73	.4	.8	1.1	1.7	1.1	.9	.8	.4										54	54	117	38
72/ 71	.5	.7	.5	.7	.4	.1	.1	.1	.1									25	25	108	85
70/ 69		.5	.3	.4		.1												10	10	80	90
68/ 67	.1		.5		.3	.1		.4										11	11	85	82
66/ 65		.4	.3	.1														6	6	68	71
64/ 63																				68	77
62/ 61		.1	.4															4	4	32	54
60/ 59		.3																2	2	30	35
58/ 57																				4	40
56/ 55																					35
54/ 53																				3	27
52/ 51																					23
50/ 49																					15
48/ 47																					14
46/ 45																					18
44/ 43																					3
42/ 41																					3
TOTAL	1.3	4.2	6.6	9.8	13.5	14.5	15.6	13.2	10.6	6.1	3.0	1.2	.4					743	743	743	743
Element (X)	Σ X²		Σ X		Σ X	Σ X	No. Obs.	Mean No. of Hours with Temperature						Total							
Rel. Hum.	2825209		44183		59.5	16.329	743	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb	4810144		59618		80.2	5.967	743			91.5	85.7	52.1	1.8	93							
Wet Bulb	3643253		51885		69.8	5.196	743			67.3	33.2	.8		93							
Dew Point	3077782		47472		63.9	7.760	743			41.1	8.9			93							

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ

73-80 YEARS

JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point											
94/ 93							.1	.4	.1									1	1													
90/ 89						.4	.5	.4	.1									11	11													
88/ 87					.1	.4	.8	.7	.7	.4								23	23													
86/ 85					.3	.5	.9	.9	.1									21	21													
84/ 83			.1	1.1	1.6	1.6	.9	.5		.1	.1							46	46													
82/ 81			.5	2.2	2.4	2.6	1.2	.1	.3	.3	.4							74	74	5												
80/ 79		1.2	1.7	2.7	3.2	.7	.9	.4	.5	.4								88	88	18	3											
78/ 77		2.3	2.7	3.4	2.4	1.6	.9	.1	.5	.1								105	105	46	15											
76/ 75	.5	1.5	3.2	3.9	2.6	3.4	1.1	.9	.4									130	130	95	48											
74/ 73	.4	2.0	3.6	2.0	1.7	1.3	.3	.5										89	89	96	63											
72/ 71	.4	1.1	3.1	2.0	1.2	1.2	.7	.3										71	71	118	89											
70/ 69	.9	1.5	1.2	.5	.7	.4												39	39	103	99											
68/ 67		.1	.9	1.3	.3	.1	.1											22	22	79	94											
66/ 65		.1	.4	.4	.1	.1												9	9	67	73											
64/ 63		.1			.3													3	3	48	51											
62/ 61		.5																4	4	46	59											
60/ 59		.3																2	2	16	36											
58/ 57																					3	43										
56/ 55																					4	17										
54/ 53																						18										
52/ 51																						11										
50/ 49																						12										
48/ 47																						8										
46/ 45																						5										
44/ 43																																
TOTAL	1.9	10.8	17.6	19.9	17.5	15.3	8.7	4.3	2.6	.9	.5											744	744	744								

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Num.					744	≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	4198887	55745	74.9	5.458	744			88.0	63.1	18.1	.1	93
Wet Bulb	3472524	50688	68.1	5.083	744			60.1	20.5			93
Dew Point	3094244	47702	64.1	6.942	744			39.6	8.3			93

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
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PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ 73-80 JUL
 STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
96/ 95								.1	.0	.0	.0						8	8			
94/ 93							.2	.2	.1	.1							30	30			
92/ 91						.2	.2	.2	.3	.1							63	63			
90/ 89					.2	.3	.5	.5	.3	.0	.0	.1					107	107			
88/ 87				.0	.2	.6	.5	.3	.2	.1	.1	.0					124	124			
86/ 85			.1	.1	.3	1.0	.6	.6	.3	.1	.2	.2	.0				206	206			
84/ 83			.1	.3	.9	1.0	1.2	.6	.4	.3	.2	.1					305	305	1		
82/ 81		.0	.4	.6	1.2	1.3	.9	.8	.6	.3	.3						375	375	4	1	
80/ 79		.0	.5	1.5	1.4	1.4	.8	.7	.5	.3	.2						430	430	66	7	
78/ 77	.0	.5	1.1	1.7	1.5	.7	.9	.3	.4	.3	.1						450	450	150	21	
76/ 75	.1	1.7	2.5	2.7	1.1	.9	.7	.3	.4	.2							629	629	353	128	
74/ 73	.5	2.5	2.9	2.3	1.0	1.1	.4	.4	.2								668	668	678	293	
72/ 71	.7	2.7	3.4	1.2	.8	.4	.1	.2	.0								569	569	722	525	
70/ 69	.6	3.4	3.4	.8	.6	.4	.2	.1									558	558	864	736	
68/ 67	1.1	2.6	2.1	.6	.5	.2	.1	.1									421	421	795	797	
66/ 65	.6	2.2	1.2	.9	.4	.1	.1										322	322	682	720	
64/ 63	.4	1.7	.8	.4	.2	.1											214	214	534	627	
62/ 61	.2	1.0	.7	.2	.1	.0											136	136	339	436	
60/ 59	.1	.9	.5	.3	.1	.0											106	106	307	375	
58/ 57	.1	.5	.4	.2	.1												73	73	150	306	
56/ 55	.1	.7	.5	.2	.1												94	94	99	270	
54/ 53	.0	.2	.3	.1													34	34	95	182	
52/ 51	.0	.1	.2	.1													21	21	59	163	
50/ 49		.0	.1														6	6	33	131	
48/ 47		.0															2	2	13	102	
46/ 45																			7	64	
44/ 43																				50	
42/ 41																				16	
40/ 39																				1	
TOTAL	4.5	20.8	20.8	14.1	10.3	9.0	7.1	5.3	4.1	2.2	1.2	.4	.1					5951		5951	
																		5951		5951	

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	33898657	436751	73.4	17.609	5951	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	32765820	438998	73.8	8.007	5951			618.0	424.4	181.0	4.8	744
Wet Bulb	27319990	401646	67.5	5.969	5951			454.2	156.5	4.1		744
Dew Point	24562013	379931	63.8	7.171	5951			313.6	56.3	.1		744

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 STATION Atlantic City NJ 73-80 YEARS AUG MONTH

PAGE 1 0000-0200 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			
82/ 81			.1															1	1					
80/ 79		.3																2	2					
78/ 77		.4	1.6	.3	.1													18	18	4	2			
76/ 75	.5	2.6	4.7	1.1	.5													70	70	17	11			
74/ 73	1.3	4.8	6.9	1.3	.4													110	110	53	32			
72/ 71	.8	7.0	8.5	1.1	.3													131	131	79	60			
70/ 69	.9	6.5	4.7	1.2	.7	.1	.1											106	106	136	110			
68/ 67	.3	5.1	4.6	1.3	.4													87	87	114	119			
66/ 65	.8	4.2	2.3	.4														57	57	80	88			
64/ 63	.1	2.6	1.6	.1	.1													34	34	78	70			
62/ 61	.3	2.0	1.1		.1													26	26	47	70			
60/ 59	.1	4.0	.7	.1	.1													38	38	31	39			
58/ 57		1.6	.9															19	19	38	43			
56/ 55	.1	2.0	.8	.1	.4													26	26	22	34			
54/ 53		1.1	.1	.1														10	10	18	22			
52/ 51		.5	.3															6	6	13	15			
50/ 49																				6	10			
48/ 47			.3															2	2	3	7			
46/ 45			.1															1	1	2	3			
44/ 43																				3				
42/ 41																					3			
40/ 39																					6			
TOTAL	5.4	44.6	39.0	7.5	3.2	.1	.1											744	744	744	744			
Element (X)	ΣX^2		ΣX		\bar{X}	σ_n	No. Obs.										Mean No. of Hours with Temperature							
Rel. Hum.	5619446		64366		86.5	8.279	744										≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	
Dry Bulb	3507755		50889		68.4	6.027	744												65.6	25.1	.3			93
Wet Bulb	3245574		48930		65.8	6.099	744												50.4	9.3				93
Dew Point	3099988		47766		64.2	6.698	744												41.8	5.6				93

USA FETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
7 F/ 77		.9	1.1															15	15	1	
76/ 75	.8	2.6	2.2	.4	.4													47	47	17	10
74/ 73	1.7	4.2	5.1	1.7														95	95	43	37
72/ 71	1.5	7.7	7.0	.3														122	122	75	42
70/ 69	.9	7.1	5.2	.5														103	103	117	100
68/ 67	.8	5.0	3.5	.5														73	73	130	130
66/ 65	.8	6.7	4.2	.8	.1													94	94	66	82
64/ 63	.3	3.1	.7	.3														32	32	78	82
62/ 61	.1	3.5	1.5	.7														43	43	57	52
60/ 59	.3	2.6	.9	.1														29	29	31	54
58/ 57		2.2	.4		.1													20	20	33	28
56/ 55	.3	2.4	.9	.5														31	31	30	38
54/ 53	.4	1.6	.5	.3														21	21	22	27
52/ 51		.7	.7	.1														11	11	18	22
50/ 49		.3		.3														4	4	12	12
48/ 47				.3														2	2	7	12
46/ 45			.1															1	1	1	3
44/ 43																				3	3
42/ 41			.1															1	1	2	2
40/ 39																				1	2
38/ 37																					4
36/ 35																					2
TOTAL	7.9	50.4	34.1	6.9	.7													744	744	744	744
Element (X)	Σ X ²		Σ X		Σ	Σ	No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.	5818950		65562		88.1	7.479	744		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb	3389376		49986		67.2	6.464	744				56.9	19.6			93						
Wet Bulb	3168232		48300		64.9	6.627	744				47.9	7.6			93						
Dew Point	3044644		47294		63.6	7.179	744				39.9	5.9			93						

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLCRAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS AUG MONTH
 PAGE 1 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
84/ 83			.1	.1	.3	.1												5	5				
82/ 81		.3	.1	.8	.8	.1												16	16				
-C/ 79		.5	.9	.7	.1	.5												21	21	4	1		
78/ 77	.3	.8	3.0	1.7	.7	.7	.1	.1										55	55	9	10		
76/ 75	.7	3.1	5.0	2.3	1.3	.3												94	94	42	14		
74/ 73	.8	5.1	6.3	2.6	.3													112	112	70	52		
72/ 71	1.1	7.0	5.0	1.2	.9	.3												115	115	115	77		
70/ 69	.3	4.8	4.2	1.1	.7													82	82	118	117		
68/ 67	.5	3.0	2.3	.8	.5		.1											54	54	102	105		
66/ 65	.8	4.2	2.3	1.1		.1												63	63	69	88		
64/ 63		1.7	1.1	1.3	.3	.1												34	34	57	60		
62/ 61	.3	1.9	1.5	.3	.1	.4												33	33	44	54		
60/ 59	.1	1.6	.9	.1		.3												23	23	33	44		
58/ 57		.9	.4	.1	.3													13	13	32	32		
56/ 55		.5	.5	.1														9	9	13	29		
54/ 53		.8	.1	.1	.1													9	9	11	14		
52/ 51		.1	.1	.1														3	3	14	15		
50/ 49				.1														1	1	4	10		
48/ 47				.1														1	1	3	6		
46/ 45																				2	2		
44/ 43			.1															1	1	1	4		
42/ 41																					4		
40/ 39																				1	4		
38/ 35																					2		
TOTAL	4.8	36.4	34.0	14.9	6.5	3.0	.3	.1										744	744	744	744		
Element (X)	Σx ²		Σx		X̄	s _x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.	5314120		62406		83.9	10.348	744	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	3701673		52271		70.3	6.278	744			69.3	37.9	3.8		93									
Wet Bulb	3367196		49834		67.0	6.275	744			57.5	15.6	.3		93									
Dew Point	3185528		48394		65.0	7.124	744			47.0	9.6	.1		93									

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ 73-80 73-80 YEARS AUG MONTH
 PAGE 1 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93							.1	.1		.1								3	3		
92/ 91						.1	.1	.1	.5									7	7		
90/ 89						.3	.5	.7	.1									12	12		
88/ 87					.3	.9	1.9	.9	.1		.3	.1						34	34		
86/ 85			.1	.3	2.0	3.6	1.5	.5	.7	.4								68	68		
84/ 83			.3	1.6	1.9	1.9	1.2	1.1	1.1	.3	.1							70	70		
82/ 81			.5	2.8	3.0	2.6	1.7	.9	.4									89	89	4	
80/ 79		.3	.7	4.2	3.5	2.2	2.0	1.2	.1	.1								106	106	14	2
78/ 77		.9	2.2	3.4	2.3	1.5	.8	.8	.5									92	92	48	8
76/ 75		1.2	3.6	1.2	2.4	2.3	.7	.9	.1									93	93	113	34
74/ 73	.3	.9	1.9	1.6	1.1	1.1	1.6	.1	.1									65	65	132	62
72/ 71		.9	.5	.7	.8	.3	.9											31	31	101	114
70/ 69	.1	.1	.3	.1	.7	1.1	.1	.1	.1									21	21	89	130
68/ 67		.4	.7	.4	.4	.4	.3	.3	.3									23	23	76	60
66/ 65		.8	.7	.4		.3	.3	.1										19	19	46	57
64/ 63	.1	.4	.3	.4	.1	.1												11	11	44	56
62/ 61																				38	57
60/ 59																				20	48
58/ 57																				5	22
56/ 55																				7	30
54/ 53																				4	19
52/ 51																				3	19
50/ 49																					11
48/ 47																					3
46/ 45																					3
44/ 43																					5
42/ 41																					1
36/ 35																					2
34/ 33																					1
TOTAL	.5	6.0	11.7	17.1	18.4	18.5	13.8	8.1	4.3	.9	.4	.1						744	744	744	744
Element (X)	Σ X²		Σ X		X	σ _n	No. Obs.		Mean No. of Hours with Temperature						Total						
Rel. Hum.	3413321		49305		66.3	14.012	744		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb	4608747		58391		78.5	5.924	744				89.3	79.9	41.6	.4	93						
Wet Bulb	3699698		52306		70.3	5.489	744				72.1	38.9	1.0		93						
Dew Point	3257649		48929		65.8	7.323	744				51.3	13.3	.1		93						

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

92730 ATLANTIC CITY NJ

73-80

YEARS

AUG
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
96/ 95								.4	.3	.3	.1							8	8		
94/ 93							.7	.3	.4	.7								15	15		
92/ 91						.1	.3	.9	.4									13	13		
90/ 89					.3	.4	.8	3.1	1.1	.3	.1							45	45		
88/ 87					.8	2.2	3.2	1.6	1.6	1.2	.8	.4						88	88		
86/ 85				.4	2.4	5.0	2.4	1.1	.9	.7	.8							102	102		
84/ 83				.8	2.6	2.4	2.3	1.3	1.7	.3	.1							86	86		
82/ 81				2.6	2.4	1.7	1.7	1.3	.7	.5								82	82	4	
80/ 79			.9	2.7	1.3	1.7	1.3	1.2	.7	.5								78	78	28	1
78/ 77		.8	.7	1.7	1.7	.8	1.6	1.2	.7									69	69	69	9
76/ 75			.7	1.2	.5	2.2	1.2	1.1	.8									57	57	144	33
74/ 73		.1	1.3	.3	.7	.8	.5		.3									30	30	110	84
72/ 71		.4	.7	.1	.3	.7	.7	.4	.3	.3								28	28	81	92
70/ 69		.4	.7	.1			.1	.1	.3									13	13	87	98
68/ 67			.3	.8	.7	.1	.3											16	16	64	73
66/ 65	.1	.4	.1	.1			.1											7	7	53	65
64/ 63		.1	.1	.4														5	5	49	53
62/ 61			.1															1	1	21	48
60/ 59																				15	56
58/ 57																				9	35
56/ 55																				7	26
54/ 53																				2	25
52/ 51																					18
50/ 49																					8
48/ 47																					7
46/ 45																					2
44/ 43																					4
42/ 41																					2
40/ 39																					3
38/ 37																					1
TOTAL	.1	2.6	6.2	11.2	13.1	18.0	16.6	13.5	10.6	4.8	2.8	.5						743	743	743	743
Element (X)	Σ X²		Σ X		Σ X	Σ X	No. Obs.		Mean No. of Hours with Temperature						Total						
Rel. Hum.	2792000		44306		59.6	4.217	743		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb	4965234		60554		81.5	6.372	743				91.4	84.2	60.1	2.9	93						
Wet Bulb	3774322		52802		71.1	5.446	743				73.5	44.4	1.5		93						
Dew Point	3222020		48614		65.4	7.455	743				48.8	15.9			93						

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 93730 STATION NAME ATLANTIC CITY NJ YEARS 73-80 MONTH AUG
 PAGE 1 1500-1700
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		
98/ 97									.1										1	1			
96/ 95								.1	.1	.4									5	5			
94/ 93								.3	.3	.1									5	5			
92/ 91							.1	.4	.4	.1	.3								10	10			
90/ 89							.1	.4	1.5	1.1	.3								25	25			
88/ 87							1.1	1.9	1.7	.5	.8	.9	.1						53	53			
86/ 85			.1	1.3	2.3	2.2	.8	1.2	.1	.1									61	61			
84/ 83			.1	.9	1.9	3.0	2.4	1.6	1.2	.8									89	89			
82/ 81			.4	3.1	4.3	2.0	.9	1.1	.8	.3									96	96	4		
80/ 79			.9	2.4	3.0	2.0	1.6	1.1	.3										84	84	12		
78/ 77		.9	2.0	1.9	1.6	2.0	1.7	.9	.4	.3	.1								89	89	40		
76/ 75	.1	1.2	1.3	2.4	3.0	2.0	1.7	2.3	.9										91	91	114		
74/ 73		.7	1.2	.9	.5	1.7	.7	.4	.1	.1									48	48	147		
72/ 71		.5	.7	.4	.8	1.1	.4	.1	.4	.1									34	34	84		
70/ 69		.3	.5	.8	.3	.7	.5		.1										24	24	96		
68/ 67		.3	.5	.4	.1	.7													15	15	67		
66/ 65		.5	.3	.1	.3														9	9	67		
64/ 63				.1															1	1	50		
62/ 61			.1	.1															2	2	30		
60/ 59			.1																1	1	10		
58/ 57																					13		
56/ 55																					9		
54/ 53																							
52/ 51																							
50/ 49																							
48/ 47																							
46/ 45																							
44/ 43																							
42/ 41																							
40/ 39																							
TOTAL	.1	4.4	8.3	13.9	16.3	17.8	15.9	11.0	7.1	3.4	1.6	.1							743	743	743		

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	3065799	46509	62.6	4.430	743							93
Dry Bulb	4748786	59230	79.7	6.046	743			91.4	82.2	48.9	1.4	93
Wet Bulb	3697821	52273	70.4	5.219	743			70.6	39.7	1.0		93
Dew Point	3194093	48427	65.2	7.131	743			49.4	13.1			93

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FEDERAL BUREAU OF METEOROLOGICAL CLIMATOLOGY BRANCH
 FEDERAL TECHNICAL ASSISTANCE CENTER
 WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

30 ATLANTIC CITY NJ 73-80 AUG
 STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	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	
/ 93							.1											1	1			
/ 89								.1										1	1			
/ 87				.1	.1	.3	.1	.1	.3									8	8			
/ 85				.1	.1	.3	.1	.5										11	11			
/ 83			.1	.3	.4	1.5	.4	.1	.3									23	23			
/ 81			.4	.7	2.4	1.2	.8	.3	.3									45	45	3		
/ 79		.4	1.2	2.8	2.4	1.1	.4	.4										65	65	4	2	
/ 77		.9	3.4	3.9	2.3	1.3	.9		.1									96	96	13	8	
/ 75	.1	2.8	3.9	5.0	2.3	1.9	.3											121	121	51	16	
/ 73	.3	3.1	5.0	4.2	1.6	1.1	.7	.1										119	119	100	47	
/ 71	.3	1.6	2.6	1.9	1.7	.7	.4											68	68	136	85	
/ 69		1.9	2.4	2.4	1.9	.3	.1	.1										68	68	97	97	
/ 67	.1	.9	1.9	1.6	1.1	.4												45	45	100	114	
/ 65		1.1	1.3	1.6		.1	.4											34	34	70	74	
/ 63			1.1	.5	.4													18	18	63	68	
/ 61			.7	.4	.3													10	10	44	50	
/ 59			.5	.3	.3													8	8	26	61	
/ 57		.1																1	1	14	46	
/ 55				.1														1	1	13	25	
/ 53																				6	18	
/ 51																				2	13	
/ 49																				1	5	
/ 47																					4	
/ 45																					6	
/ 43																					4	
AL	.8	12.9	24.5	26.0	17.0	11.2	4.8	1.9	.9										743	743	743	

Temp. (X)	Σ X ²	Σ X	X̄	S _x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Hum.	4203063	55139	74.2	12.238	743							
Bulb	4108896	55096	74.2	5.608	743			84.0	61.3	15.9	.1	93
Bulb	3500546	50846	68.4	5.318	743			63.1	21.4	.5		93
Point	3183682	48392	65.1	6.555	743			46.2	9.1			93

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ 73-80 AUG

STATION

STATION NAME

YEARS

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		
82/ 81			.5															4	4				
81/ 79		.5	.4		.7	.1	.1											14	14	3			
79/ 77		1.7	2.0	.8	.7	.3												41	41	5			
78/ 75		2.7	6.6	3.9	.3	.3												102	102	21			
74/ 73	.5	6.9	7.1	4.4	1.2	.3												152	152	65			
72/ 71	.3	3.4	5.4	2.6	1.1	.1												95	95	126			
70/ 69	.1	5.4	5.4	1.9	.1	.1												97	97	110			
69/ 67		2.3	4.0	.7	.1	.1												54	54	109			
68/ 65		3.1	3.9	1.1	.3													62	62	76			
64/ 63		1.6	1.6	.1														25	25	62			
62/ 61		1.6	1.7	.5	.3	.1												32	32	49			
60/ 59		2.3	1.6	.3														31	31	37			
58/ 57	.1	.7	1.1	.1	.3													17	17	32			
56/ 55		.5	.3	.5														10	10	22			
54/ 53		.5		.1														5	5	9			
52/ 51																				8			
50/ 49			.1															1	1	7			
48/ 47			.1															1	1	1			
46/ 45																				1			
44/ 43																				3			
42/ 41																				4			
TOTAL	1.1	33.2	42.0	17.1	5.0	1.5	.1											743	743	743			
																		743		743			
Element (X)	Σ X²	Σ X	X	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total											
Rel. Hum.	5218102	61930	83.4	8.700	743	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total											
Dry Bulb	3668487	52035	70.0	5.721	743			70.0	39.2	1.3		93											
Wet Bulb	3330481	49559	66.7	5.785	743			54.9	11.8			93											
Dew Point	3143717	48089	64.7	6.491	743			44.1	7.1			93											

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ 73-80 AUG
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
98/ 97									.0									1	1		
96/ 95								.0	.1	.1	.0	.0						13	13		
94/ 93							.0	.1	.1	.1	.1							24	24		
92/ 91						.0	.1	.1	.2	.1	.0							30	30		
90/ 89					.0	.1	.2	.7	.3	.1	.0							83	83		
88/ 87				.0	.2	.6	.9	.6	.3	.3	.3	.1						183	183		
86/ 85			.0	.1	.7	1.4	.8	.4	.4	.2	.1							242	242		
84/ 83			.1	.5	.9	1.1	.8	.5	.5	.2	.0							273	273		
82/ 81		.0	.3	1.2	1.6	1.0	.7	.5	.3	.1								333	333	15	
80/ 79		.3	.6	1.6	1.4	1.0	.7	.5	.1	.1								370	370	65	7
78/ 77	.0	.9	2.0	1.7	1.2	.8	.7	.4	.2	.0	.0							475	475	189	51
76/ 75	.3	2.0	3.5	2.2	1.2	1.1	.6	.4	.1									675	675	519	155
74/ 73	.6	3.2	4.4	2.1	.7	.6	.4	.1	.1	.0								731	731	720	424
72/ 71	.5	3.6	3.8	1.0	.7	.4	.3	.1	.1	.1								624	624	797	620
70/ 69	.3	3.3	2.9	1.0	.5	.3	.1	.1	.1									514	514	850	872
68/ 67	.2	2.2	2.3	.8	.3	.1	.2	.0	.0									367	367	762	816
66/ 65	.3	2.6	1.9	.7	.1	.1	.1	.0										345	345	527	582
64/ 63	.1	1.2	.8	.4	.1	.1												160	160	481	522
62/ 61	.1	1.1	.8	.3	.1	.1												147	147	330	439
60/ 59	.1	1.3	.6	.1	.1	.0												130	130	203	409
58/ 57	.0	.7	.4	.0	.1													70	70	176	297
56/ 55	.1	.7	.3	.2	.1													77	77	123	243
54/ 53	.1	.5	.1	.1	.0													45	45	72	159
52/ 51		.2	.1	.1														20	20	58	129
50/ 49		.0	.0	.1														6	6	30	75
48/ 47			.1	.1														6	6	14	48
46/ 45			.0															2	2	6	27
44/ 43			.0															1	1	7	25
42/ 41			.0															1	1	2	19
40/ 39																				2	17
38/ 37																					5
36/ 35																					6
34/ 33																					1

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

USAFETAC FORM 0-26-3 (OLA) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ 73-80 SEP
 STATION STATION NAME YEARS MONTH
 PAGE 1 0000-0200
 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	
78/ 77		.1																1	1			
76/ 75		.4	.7	.3														10	10	2	1	
74/ 73		2.2	2.5	1.1	.1													43	43	3	3	
72/ 71		2.6	2.9	.7	.4													48	48	25	7	
70/ 69	.4	4.3	5.4	1.0														80	80	57	43	
68/ 67	1.0	1.7	3.3	1.0														50	50	70	67	
66/ 65	.1	4.3	1.0	.7	.4													47	47	61	48	
64/ 63	.3	4.0	.8	.8		.4												46	46	52	67	
62/ 61	1.3	4.0	1.8	.7														56	56	49	50	
60/ 59	1.1	3.6	1.8	1.1														55	55	52	42	
58/ 57	1.0	3.9	2.5	1.4	.1													64	64	60	58	
56/ 55	.6	3.3	1.5	1.0	.1													47	47	43	50	
54/ 53		2.9	2.2	.3														39	39	55	41	
52/ 51	.6	2.9	1.8															38	38	47	49	
50/ 49	.3	2.5	1.8	.1	.1													35	35	42	41	
48/ 47	.1	1.7	.8	.1	.1													21	21	37	39	
46/ 45	.1	.8	.4	.3														12	12	20	35	
44/ 43		.8	.4															9	9	12	25	
42/ 41		.6	.4															7	7	11	18	
40/ 39	.3	.8	.1															9	9	14	6	
38/ 37	.1	.1																2	2	6	12	
36/ 35		.1																1	1	1	9	
34/ 33																				1	8	
32/ 31																					1	
TOTAL	7.2	47.9	32.4	10.6	1.5	.4												720	720	720	720	
Element (X)	Σ x ²	Σ x	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature																
Rel. Hum.	5361528	61770	85.8	9.299	720	≤ 0 F	≤ 32 F	≤ 47 F	≤ 73 F	≤ 80 F	≤ 93 F	Total										
Dry Bulb	2723971	43845	60.9	8.666	720			29.0	6.8			90										
Wet Bulb	2506765	42033	58.4	8.579	720			19.6	.6			90										
Dew Point	2365000	40726	56.6	9.239	720		.1	15.1	.5			90										

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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GLC BAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ

73-80

SEP

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	.4														6	6						
74/ 73	.1	1.9	1.4	.1														26	26	2	1				
72/ 71	.3	3.9	2.5	.4	.1													52	52	31	17				
70/ 69	1.1	4.9	3.3	.4														70	70	52	39				
68/ 67	.8	3.9	1.9	.7														53	53	69	63				
66/ 65	1.0	4.4	1.0	.7														51	51	49	60				
64/ 63	.8	4.2	.7	1.1														49	49	58	47				
62/ 61	1.5	2.8	1.3	.4		.4												46	46	47	53				
60/ 59	1.3	5.8	1.0	.1														59	59	52	47				
58/ 57	1.0	3.2	1.4	.7														45	45	53	49				
56/ 55	.8	3.5	1.1	1.0														46	46	38	51				
54/ 53	.6	3.9	.7	.8	.1													44	44	43	44				
52/ 51	.4	3.2	2.4	.1														44	44	51	26				
50/ 49		3.3	2.4															41	41	36	48				
48/ 47	.3	2.5	.6	.1														25	25	48	34				
46/ 45		2.2	.4	.3														21	21	31	34				
44/ 43		1.3	.3															11	11	18	41				
42/ 41		1.1	.3															10	10	10	17				
40/ 39		1.0	.1															8	8	12	16				
38/ 37	.1	.7																6	6	11	6				
36/ 35	.3	.7																7	7	8	14				
34/ 33																				1	11				
32/ 31																					2				
TOTAL	10.4	58.3	23.1	7.5	.3	.4														720		720			
Element (X)	Σ X²		Σ X		X		Σ X		No. Obs.		Mean No. of Hours with Temperature						Total								
Rel. Hum.	5640395		63417		88.1		8.721		720		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total								
Dry Bulb	2622927		42953		59.7		9.172		720				25.9	4.0			90								
Wet Bulb	2448975		41471		57.6		9.158		720				19.3	.3			90								
Dew Point	2334147		40389		56.1		9.760		720				.3	15.0	.1		90								

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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GLCBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ 73-80 SEP
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	
78/77		.3	.4	.6														9	9			
76/75		.7	1.4	1.1	.4													26	26	2	2	
74/73	.1	1.7	2.5	1.0		.3	.1											41	41	16	6	
72/71	.6	2.8	2.8	.7	.3													51	51	36	23	
70/69	1.3	4.9	2.6	.8	.4													72	72	65	51	
68/67	.3	3.9	2.8	1.0	.3	.1												60	60	64	59	
66/65	.7	4.3	1.8	1.4	.6	.1												64	64	58	65	
64/63	.4	4.3	1.3	1.4	.6	.1												58	58	58	43	
62/61	1.1	2.2	1.8	1.1	.4	.1												49	50	60	58	
60/59	1.0	3.2	1.8	1.1	.6													55	55	50	53	
58/57	.6	2.8	2.1	.6	.3	.1												46	46	50	45	
56/55	.7	2.6	1.7	1.0	.1													44	44	49	48	
54/53	.3	2.1	1.3	1.4	.1													37	37	46	47	
52/51	.3	2.6	.8	.4														30	30	35	30	
50/49	.1	1.7	1.3	.3	.1													25	25	43	53	
48/47		1.3	.4		.1													13	13	27	29	
46/45	.1	1.7	.8															19	19	20	26	
44/43		.6	.1	.1														6	6	18	28	
42/41		.6	.1															5	5	6	16	
40/39		.6																4	4	7	16	
38/37		.1																1	1	5	6	
36/35	.3	.3																4	4	2	10	
34/33																				2	2	
32/31																					3	
TOTAL	7.8	45.1	27.8	13.9	4.3	1.0	.1											719	720	719	719	
Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																
Rel. Hum.	5226836	60818	84.6	10.715	719	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total										
Dry Bulb	2834133	44741	62.1	8.659	720			32.4	9.5													
Wet Bulb	2587229	42681	59.4	8.641	719			22.9	2.3													
Dew Point	2426362	41212	57.3	9.452	719			.4	17.6	1.0												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ 73-80 SEP

PAGE 1 0900-1100
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
94/ 93									.1								1	1		
90/ 89									.1								1	1		
88/ 87							.1	.3									3	3		
86/ 85						.6	.3	.3		.1							9	9		
84/ 83				.3	1.1	1.1	.8	.1		.1							26	26		
82/ 81			.3	.3	1.1	1.0	.3	.3	.1								24	24		
80/ 79		.1	.4	1.5	1.3	.8	.3	.3	.1	.1							36	36		
78/ 77		.1	.8	1.9	1.7	1.1	1.0	1.1									56	56	7	1
76/ 75		.6	1.7	2.5	1.3	1.8	.7	.3	.3	.3							67	67	25	7
74/ 73		.8	2.5	2.2	1.8	2.2	1.0	.6	.4	.3							85	85	48	10
72/ 71	.1	1.1	1.1	1.7	2.6	1.3	.8	.6	.6								71	71	59	38
70/ 69	.1	1.5	.8	1.9	2.5	2.5	1.4	.3	.4								83	83	58	52
68/ 67	.4	.7	1.1	1.9	1.8	1.4	1.0	.4									63	63	66	78
66/ 65	.1	1.7	.7	1.4	1.0	2.8	.8	.1									62	62	69	37
64/ 63	.3	1.4	1.4	1.3	1.9	1.3	.4										57	57	81	51
62/ 61	.1	.7	.3	1.1	1.3	1.3	.1										35	35	66	55
60/ 59		.1	1.1	.4	.4	.6	.3										21	21	67	55
58/ 57	.4			.3	.3	.6	.3										13	13	54	55
56/ 55			.1		.6												5	5	53	53
54/ 53					.1	.1											2	2	33	43
52/ 51																			16	36
50/ 49																			6	34
48/ 47																			8	34
46/ 45																			4	28
44/ 43																				18
42/ 41																				16
40/ 39																				8
38/ 37																				7
36/ 35																				1
34/ 33																				2
32/ 31																				1
TOTAL	1.7	8.9	12.4	18.8	20.7	20.3	9.3	4.6	2.4	1.0	.1						720		720	720
Element (X)	Σx²		Σx		Σ		Σ²		No. Obs.		Mean No. of Hours with Temperature									
Rel. Hum.	3336754		47772		66.4		15.244		720		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total			
Dry Bulb	3668401		51161		71.1		6.781		720				65.6	38.5	11.0	.1	90			
Wet Bulb	2958864		45894		63.7		6.826		720				32.9	10.0			90			
Dew Point	2538122		42246		58.7		9.085		720			.1	23.3	2.3			90			

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ 73-80 SEP
 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
94/ 93								.7	.1	.1							7	7		
92/ 91								.6									5	5		
90/ 89							.1	.6	.1								6	6		
88/ 87						.1	1.0	.3									10	10		
86/ 85				.1	.4	.4	1.1	1.4							.7		30	30		
84/ 83				.6	.6	1.0	.4	.4	.7	.6	.1						31	31		
82/ 81		.1	.1	.1	.8	1.1	.4	.6	.8	.3	.3	.1					35	35		
80/ 79			.1	.7	2.4	2.1	1.4	1.1	.8	1.0	.1						69	69	2	1
78/ 77			.6	1.0	3.1	.4	2.4	.7	.1	.7	.1						65	65	19	
76/ 75		.1	1.4	.7	2.4	2.5	1.0	1.8	1.0	.8							84	84	23	4
74/ 73		.4	.6	1.4	2.6	2.1	1.5	.8	1.4	.1							79	79	51	13
72/ 71		.6	.6	1.1	1.1	1.9	1.4	1.1	.8	.1							63	63	57	26
70/ 69	.1	.7	1.0	.3	2.8	1.8	2.4	.8	.6								75	75	58	62
68/ 67	.1	.4	2.5	.1	1.0	1.7	1.4	.6	.3								58	58	59	48
66/ 65		.7	.3	.7	1.0	.8	1.5	.3									38	38	93	46
64/ 63	.3	1.0	.3	.7	1.0	1.1		.3									33	33	74	57
62/ 61	.1	.1		.1	.3	.7	.6	.3									16	16	73	61
60/ 59	.1	.8				.4	.3	.1									13	13	71	48
58/ 57		.1	.1				.1										3	3	59	61
56/ 55																			36	44
54/ 53																			23	47
52/ 51																			9	32
50/ 49																			9	39
48/ 47																			4	39
46/ 45																				36
44/ 43																				20
42/ 41																				12
40/ 39																				10
38/ 37																				7
36/ 35																				4
34/ 33																				1
32/ 31																				2
TOTAL	.8	5.1	7.4	7.6	19.3	18.3	16.8	11.3	7.9	3.8	1.5	.1					720	720	720	720
Element (X)	ΣX²		ΣX		Σ	σ _n	No. Obs.		Mean No. of Hours with Temperature											
Rel. Num.	2686321		42485		59.0	15.796	720		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb	3989968		53356		74.1	7.075	720				77.1	52.6	20.6	.9	90					
Wet Bulb	3027653		46449		64.5	6.578	720				33.6	11.9	.1		90					
Dew Point	2483531		41771		58.0	9.148	720			.3	19.3	2.3			90					

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS SEP MONTH
 PAGE 1 1500-1700 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																
92/ 91							.1	.1	.3	.1																						5	5			
90/ 89							.1	.4																								4	4			
88/ 87						.1	.1	.4	.1		.3																					8	8			
86/ 85					.1	.4	.6	.3																								10	10			
84/ 83			.4	.6	.3	1.1	1.0	.8	.1	.3						.1																31	31			
82/ 81			.4	.4	.7	1.7	.6	.7	.3	.4																						37	37			
80/ 79		.1	.3	.8	1.4	2.4	.4	1.3	.4	1.0	.3																					60	60	1		
78/ 77		.4		1.8	1.7	1.5	.6	.7	.3	.1	.1																					52	52	16		
76/ 75		.3	1.0	1.4	.7	3.5	1.3	.6	.6	.7																						71	71	20		
74/ 73		.6	1.3	1.7	2.4	2.1	.8	.8	1.1	.1																						78	78	38		
72/ 71	.1	.6	1.3	1.3	1.5	2.2	1.3	1.7	1.0	.1																						79	79	62		
70/ 69		1.0	1.4	1.4	1.0	1.5	1.8	.7	.6																								67	67	53	
68/ 67		.6	1.0	1.5	1.8	.8	1.7	.1	.3																								56	56	62	
66/ 65	.1	2.8	1.3	1.0	2.5	1.3	1.0	.3																									73	73	91	
64/ 63		1.0	.8	1.7	1.7	.4	.3	.6																									46	46	76	
62/ 61		.3		.3	.7	.6	.1	.1																									15	15	69	
60/ 59	.4	.4		.3	.7	.4	.3	.1																									19	19	74	
58/ 57		.4		.7																													8	8	69	
56/ 55						.1																											1	1	40	
54/ 53																																		23	40	
52/ 51																																		9	37	
50/ 49																																		12	36	
48/ 47																																		4	37	
46/ 45																																		1	28	
44/ 43																																				27
42/ 41																																			15	
40/ 39																																			6	
38/ 37																																			3	
36/ 35																																			6	
34/ 33																																			3	
32/ 31																																			1	
TOTAL	.7	8.3	8.6	14.0	17.8	20.1	11.9	9.7	5.0	2.9	.7	.1																					720		720	
																																		720		720
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total																									
Rel. Hum.	2983562	44876	62.3	16.107	720	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																									
Dry Bulb	3820978	52214	72.5	6.922	720			69.8	44.5	15.4		90																								
Wet Bulb	2976403	46053	64.0	6.538	720			31.5	9.4			90																								
Dew Point	2488117	41823	58.1	9.037	720		.1	19.3	2.5			90																								

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS SEP MONTH

PAGE 1 1800-2000 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
88/ 87							.1											1	1		
86/ 85						.1												1	1		
84/ 83					.1	.3												3	3		
82/ 81					.3				.1									3	3		
80/ 79			.3	.1	1.1	.1			.1								13	13			
78/ 77		.6	.1	2.1	.8		.1										27	27	1		
76/ 75		.8	1.5	1.8	.4	.4		.1									37	37	13	4	
74/ 73		.7	3.5	2.1	.3	.6	.3	.1	.1								55	55	14	9	
72/ 71		1.5	3.1	1.4	2.4	.6		.3									66	66	45	7	
70/ 69	.7	2.2	3.6	2.2	1.9	.4	.3	.1									83	83	65	63	
68/ 67	.3	1.9	2.6	1.7	1.1	.7	.1	.1									62	62	53	61	
66/ 65	.1	2.8	2.4	2.5	1.1	1.1	.3										74	74	69	51	
64/ 63	.6	2.9	1.9	3.2	1.0	.4	.1										73	73	80	57	
62/ 61		1.7	3.2	2.2	.7	.4	.1										60	60	68	55	
60/ 59		1.9	2.5	1.4	.6	.4	.1										50	50	60	63	
58/ 57		1.8	2.4	1.3	.4	.4											45	45	74	56	
56/ 55		.1	.6	1.0		.1											13	13	56	55	
54/ 53		.7	1.0	.3	.7	.1											20	20	37	60	
52/ 51		1.3	1.1		.3												19	19	21	31	
50/ 49		.1	.3	.3													5	5	30	36	
48/ 47		.1	.1														2	2	13	42	
46/ 45		.6	.4														7	7	12	26	
44/ 43		.1															1	1	5	13	
42/ 41																			4	3	
40/ 39																				14	
38/ 37																				8	
36/ 35																				4	
34/ 33																				2	
TOTAL	1.7	21.9	30.6	23.5	13.2	6.3	1.7	.8	.4								720	720	720	720	
Element (X)	ΣX²	ΣX	X	σ _x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.	4335309	55117	76.6	2.703	720	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total									
Dry Bulb	3174517	47515	66.0	7.351	720			43.9	17.5	1.6		90									
Wet Bulb	2752104	44208	61.4	7.244	720			23.9	3.5			90									
Dew Point	2484634	41844	58.1	8.569	720			18.0	1.6			90									

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ 73-80

STATION STATION NAME YEARS

SEP 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			
82/ 81				.1															1	1				
80/ 79				.1															1	1				
78/ 77		.3		.6	.1														7	7				
76/ 75		.8	1.3	1.7															27	27	7 3			
74/ 73		1.0	1.8	1.4	.1														31	31	5 6			
72/ 71		2.2	3.1	.7	.3														45	45	33 5			
70/ 69	1.1	3.2	4.7	.7	.4			.1											74	74	46 50			
68/ 67	.7	2.2	3.3	1.3	.1		.1												56	56	66 51			
66/ 65	.6	3.5	1.7	1.8	.4	.1													58	58	58 57			
64/ 63	.4	5.8	1.3	1.7	.4														69	69	57 52			
62/ 61	.8	3.5	2.1	1.1	.1														55	55	71 60			
60/ 59	.1	5.7	3.2	1.9															79	79	59 60			
58/ 57	.3	2.4	2.2	1.4															45	45	67 67			
56/ 55		3.1	1.7	1.0	.3														43	43	48 43			
54/ 53		2.8	1.9	.7	.1														40	40	58 56			
52/ 51		2.5	.8	.1	.4														28	28	32 41			
50/ 49		2.1	1.1	.6	.1														28	28	41 38			
48/ 47		.7	.1	.3															8	8	25 42			
46/ 45		.7	.8																11	11	16 30			
44/ 43		.8	.1																7	7	12 17			
42/ 41	.1	.4	.1																5	5	13 9			
40/ 39		.3																	2	2	4 12			
38/ 37																					2 12			
36/ 35																					5			
34/ 33																					4			
TOTAL	4.2	43.9	31.4	17.1	3.1	.1	.1	.1													720	720	720	
Element (X)																			Mean No. of Hours with Temperature					
Rel. Hum.	Σ X²	Σ X	X	n	No. Obs.	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total												
Dry Bulb	5105542	60216	83.6	9.830	720			30.3	8.4	.1		90												
Wet Bulb	2577549	42701	59.3	7.918	720			19.6	1.5			90												
Dew Point	2406860	41154	57.2	8.712	720			14.4	1.1			90												

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS SEP 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
94/ 93								.1	.0	.0								8	8		
92/ 91							.0	.0	.1	.0								10	10		
90/ 89							.0	.1	.0									11	11		
88/ 87						.0	.2	.1	.0	.0								22	22		
86/ 85				.0	.1	.2	.2	.2	.0	.1								50	50		
84/ 83				.2	.3	.4	.3	.2	.1	.0	.0							91	91		
82/ 81		.0	.1	.1	.4	.5	.1	.2	.2	.1	.0	.0						100	100		
80/ 79		.0	.1	.4	.8	.7	.3	.3	.2	.3	.1							179	179	3	1
78/ 77		.2	.2	1.0	.9	.4	.5	.3	.1	.1	.0							217	217	43	1
76/ 75		.5	1.2	1.2	.6	1.0	.4	.3	.2	.2								328	328	92	29
74/ 73	.0	1.2	2.0	1.4	.9	.9	.5	.3	.4	.1								438	438	177	60
72/ 71	.1	1.9	2.2	1.0	1.1	.7	.4	.5	.3	.0								475	475	348	140
70/ 69	.6	2.8	2.9	1.1	1.1	.8	.7	.3	.2									604	604	454	417
68/ 67	.5	1.9	2.3	1.1	.8	.6	.5	.2	.1									458	458	509	487
66/ 65	.3	3.1	1.3	1.3	.9	.8	.5	.1										467	467	548	406
64/ 63	.4	3.1	1.1	1.5	.8	.5	.1	.1										431	431	536	430
62/ 61	.6	1.9	1.3	.9	.4	.4	.1	.1										332	333	503	453
60/ 59	.5	2.7	1.4	.8	.3	.2	.1	.0										351	351	485	438
58/ 57	.4	1.8	1.3	.7	.2	.2	.0											269	269	486	432
56/ 55	.3	1.6	.8	.6	.1	.0												199	199	363	401
54/ 53	.1	1.5	.9	.4	.2	.0												182	182	318	378
52/ 51	.2	1.6	.9	.1	.1													159	159	220	282
50/ 49	.1	1.2	.9	.2	.1													134	134	219	325
48/ 47	.1	.8	.3	.1	.0													69	69	166	296
46/ 45	.0	.7	.4	.1														70	70	104	243
44/ 43		.5	.1	.0														34	34	65	189
42/ 41	.0	.3	.1															27	27	44	106
40/ 39	.0	.3	.0															23	23	37	88
38/ 37	.0	.1																9	9	24	61
36/ 35	.1	.1																12	12	11	53
34/ 33																				4	33
32/ 31																					10
TOTAL	4.3	29.9	21.7	14.1	10.0	8.4	5.0	3.3	2.0	1.0	.3	.0						5759	5760	5759	5759
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	34676247	436471	75.8	16.651	5759	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	720									
Dry Bulb	25669810	380600	66.1	9.513	5760			373.9	181.7	48.7	1.0	720									
Wet Bulb	21835542	351490	61.0	8.156	5759			203.3	39.4	.1		720									
Dew Point	19526773	331165	57.5	9.163	5759		1.3	141.9	11.4			720									

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS MONTH CT

PAGE 1 0000-0200
 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
74/ 73			.3															2	2		
72/ 71			.1															1	1		
70/ 69				.3														2	2	3	
68/ 67	.1	.7	.7	.3	.1			.1										15	15	3	4
66/ 65	.4	3.0	.3		.1													28	28	13	8
64/ 63	.4	3.1	.3	.7														33	33	38	18
62/ 61	.8	1.7	.9	.3	.4													31	31	24	41
60/ 59	.5	3.5	1.1	.4		.1												42	42	28	23
58/ 57	.4	3.2	1.1	.8	.1	.3												44	44	38	29
56/ 55	.9	1.6	2.4	.1	.7	.4												46	46	36	34
54/ 53	.4	3.6	1.5	.3	.1	.3												46	46	44	36
52/ 51	1.2	2.7	1.7	.5	.3													48	48	51	39
50/ 49	.5	3.6	1.9	.8	.3													53	53	40	51
48/ 47	.3	2.3	1.9	1.5														44	44	50	41
46/ 45	.1	5.2	1.3	.1	.1													52	52	48	30
44/ 43	.1	2.2	2.8	.7	.1													44	44	62	42
42/ 41		4.2	2.2	.7														52	52	30	39
40/ 39		3.8	2.0	.1														44	44	59	34
38/ 37		3.8	.9	.1														36	36	52	50
36/ 35	.4	1.9	.8															23	23	44	60
34/ 33		2.0	.8	.1														22	22	24	50
32/ 31	.4	1.7	.5															20	20	19	46
30/ 29		1.1	.7															13	13	19	16
28/ 27		.1	.1															2	2	12	17
26/ 25		.1																1	1	6	8
24/ 23																				1	9
22/ 21																					7
20/ 19																					4
18/ 17																					7
16/ 15																					1
TOTAL	7.1	55.1	26.3	7.8	2.4	1.1		.1										744	744	744	744
Element (X)	Σ X²		Σ X	X	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total									
Rel. Hum.	5230013		61751	83.0	1.074	744	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb	1874582		36606	49.2	9.947	744		4.5	2.5	.3			93								
Wet Bulb	1702958		34808	46.8	10.011	744		7.1	.8				93								
Dew Point	1540648		32800	44.1	11.285	744		14.4	.5				93								

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUN 71

FEDERAL BUREAU OF METEOROLOGICAL CLIMATOLOGY BRANCH
 METEOROLOGICAL SERVICE CENTER
 WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

30 ATLANTIC CITY NJ 73-80 YEARS OCT 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
/ 71			.1															1	1		
/ 69		.3	.1															3	3		
/ 67		.9																7	7	7	5
/ 65		2.2	.4	.4														22	22	8	7
/ 63	1.1	3.1	.1	.1														33	33	30	25
/ 61	1.1	1.7	1.2		.4													33	33	26	23
/ 59	.4	4.2	.8															40	40	34	26
/ 57	.9	3.1	1.3	.5	.1													45	45	50	40
/ 55	.7	3.6	1.7	.4														48	48	29	44
/ 53	.5	3.4	1.1	.5														41	41	43	30
/ 51	.5	1.5	.8	.3														23	23	40	34
/ 49	1.1	3.2	1.7	.9	.1													53	53	33	34
/ 47	.3	2.8	1.7	.7														41	41	40	35
/ 45		4.2	2.6	.9														57	57	37	36
/ 43	.1	5.1	1.3	.1														50	50	60	37
/ 41	.4	3.8	1.5	.5														46	46	57	45
/ 39	.3	5.0	2.0	.3														56	56	53	39
/ 37		3.0	1.3	.3														34	34	42	52
/ 35	.4	3.2	.9															34	34	47	60
/ 33	.4	2.6	.4															25	25	38	38
/ 31	.8	2.2	.1															23	23	25	49
/ 29	.7	.5	.8															15	15	20	30
/ 27	.1	.7	.5															10	10	10	15
/ 25		.5																4	4	1	13
/ 23																				4	7
/ 21																					7
/ 19																					6
/ 17																					6
/ 15																					1
TOTAL	9.8	60.6	22.8	6.0	.7													744	744	744	744

oment (X)	ΣX ²	ΣX	X	Σx	No. Obs.	Mean No. of Hours with Temperature						
Hum.	5503027	63521	85.4	10.360	744	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Bulb	1788215	35663	47.9	10.257	744		6.5	1.4				93
Bulb	1650589	34189	46.0	10.344	744		8.8	.9				93
Dew Point	1517299	32499	43.7	11.467	744		16.8	.6				93

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ 73-80 OCT
 STATION STATION NAME YEARS MONTH
 PAGE 1 0600-0800
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71		.1	.1															2	2		
70/ 69		.4	.3	.3														7	7	2	
68/ 67	.1	.9	.5															12	12	4	5
66/ 65		2.7	.4	.1	.3													26	26	13	8
64/ 63	1.3	2.2	.7															31	31	38	29
62/ 61	1.1	3.0	.8	.1	.1													38	38	26	31
60/ 59	.9	2.7	1.6	.5	.1	.1												45	45	40	25
58/ 57	.9	3.1	.9	.5	.3	.1												44	44	45	47
56/ 55	2.4	2.6	1.1	.4	.5	.3												54	54	48	50
54/ 53	.7	2.7	2.0	.8	.4	.1												50	50	36	32
52/ 51	.9	2.4	1.2	.9	.1													42	42	35	32
50/ 49	.3	2.8	2.3	1.5	.5													55	55	46	28
48/ 47	.1	2.8	1.5	1.5	.1													45	45	38	39
46/ 45	.3	3.5	3.2	.8														58	58	53	33
44/ 43	.4	4.2	1.6	.4														49	49	63	40
42/ 41	.1	3.4	.9	.4														36	36	67	45
40/ 39	.3	3.2	1.6	.4														41	41	36	51
38/ 37	.1	1.9	1.7	.1														29	29	41	63
36/ 35	.1	1.7	.8	.1														21	21	26	42
34/ 33	.3	1.7	.8	.1														22	22	30	31
32/ 31	.8	1.2	.3	.1														18	18	21	39
30/ 29		.7	.4															8	8	14	23
28/ 27	.3	.5	.3															8	8	11	14
26/ 25		.4																3	3	6	14
24/ 23																				5	7
22/ 21																					4
20/ 19																					6
18/ 17																					5
16/ 15																					1
TOTAL	11.6	50.8	25.1	9.3	2.6	.7												744	744	744	744
Element (X)	Σ X ²		Σ X		X		σ _x		No. Obs.		Mean No. of Hours with Temperature										
Ref. Num.	5351775		62457		83.9		12.093		744		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb	1905341		36911		49.6		9.988		744			4.6	2.6				93				
Wet Bulb	1741541		35197		47.3		10.144		744			7.1	.8				93				
Dew Point	1588383		33313		44.8		11.413		744			14.1	.6				93				

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

92730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
79/79						.3	.3	.1										5	5																
78/77					.3	.1	.1	.1										4	4																
76/75				.7	.1	.1												7	7																
74/73				.9	.7	.4	.4		.4	.1								22	22																
72/71		.3	1.2	.7	.4	.1	.4											23	23	2															
70/69	.1	.4	1.6	.9	.7	1.2	1.2	.1	.1									48	48	14	4														
68/67	.1	1.1	1.5	.5	.5	1.2	.5	.8										47	47	27	9														
66/65	.3	2.2	.8	1.1	.9	.7	.8	.4										53	53	36	25														
64/63		2.0	.8	1.6	.9	1.5	.9	.1										59	59	42	44														
62/61	.7	.8	1.1	1.1	1.6	2.2	.4	.5										62	62	39	33														
60/59	.8	2.2	1.5	.9	2.6	1.9	1.1											81	81	50	30														
58/57	.3	1.1	1.5	1.9	1.7	1.6	1.1	.3										70	70	61	35														
56/55	.5	1.3	.4	1.9	2.2	1.5	.4											61	61	47	40														
54/53		1.1	.7	1.2	1.6	1.7												47	47	64	37														
52/51		.7	.4	.9	3.0	.4	.4											43	43	74	44														
50/49		.5	.4	1.1	.9	.5	.1											27	27	56	33														
48/47		.1	.1	.7	1.3	.5												21	21	54	41														
46/45			.7	.7	.9	.1												18	18	46	38														
44/43		.9	.3	.7	.9	.3												23	23	37	53														
42/41		.1	.3	.1	.4	.1												8	8	29	37														
40/39				.1	.4													4	4	22	44														
38/37		.1	.3	.4														6	6	20	42														
36/35	.4			.3														5	5	9	37														
34/33																				8	37														
32/31																				5	20														
30/29																				2	18														
28/27																					9														
26/25																					7														
24/23																					11														
22/21																					6														
20/19																					3														
18/17																					7														
TOTAL	3.2	14.9	13.4	18.4	22.2	16.5	8.1	2.6	.5	.1								744	744	744	744														
Element (X)	Σx²		Σx		Σ	σ _x	No. Obs.		Mean No. of Hours with Temperature																										
Rel. Num.	3416385		48631		65.4	17.885	744		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																				
Dry Bulb	2660586		44040		59.2	8.502	744				19.5	4.8	.3		93																				
Wet Bulb	2140150		39368		52.9	8.762	744			.9	5.4				93																				
Dew Point	1728526		34780		46.7	11.754	744			10.1	1.6				93																				

FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS OCT 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
84/ 83								.1									1	1	
82/ 81							.5	.8									11	11	
80/ 79					.1	.5	.5	.1	.3								12	12	
78/ 77					.3	.4	.1	.1	.3								9	9	
76/ 75					.4	.1	.1	.4	.5	.3	.1	.1					16	16	
74/ 73				1.5	1.1	.9	1.5	1.1	.1	.1	.1						48	48	
72/ 71	.1	.8	1.7	.7	.7	1.5	1.1	.5	.4								56	56	2
70/ 69	.5	1.3	1.1	1.1	.9	1.7	1.1	.1	.1								60	60	17
68/ 67	.8	1.2	.5	1.2	.7	1.1	2.3	.3	.1								61	61	39
66/ 65	.1	.8	.3	.1	.7	1.7	2.0	.9	.5								54	54	14
64/ 63	.7	.4	1.2	.4	2.7	1.6	.5	.1									57	57	36
62/ 61	1.2	1.1	.4	1.3	1.1	1.9	.9	.3									61	61	41
60/ 59	.3	2.0	.7	.8	.8	4.2	2.0	1.3									90	90	58
58/ 57	1.1	.1	.8	.7	2.0	1.2	.5										48	48	73
56/ 55	.5	.7	.1	1.9	1.5	1.1											43	43	50
54/ 53		.3	.1	1.1	1.3	1.1	.3										31	31	73
52/ 51	.4	.4	.3	.8	.8	.7	.1										26	26	60
50/ 49	.1	.3	.3	.5	.7	.5											16	16	61
48/ 47		.4	1.1	1.2	.1												21	21	47
46/ 45	.4	.1		.7													9	9	42
44/ 43	.3		.1	.1	.4												7	7	33
42/ 41			.1	.4													4	4	26
40/ 39																			16
38/ 37																			11
36/ 35	.1																1	1	7
34/ 33																			6
32/ 31	.3																2	2	2
30/ 29																			2
28/ 27																			19
26/ 25																			6
24/ 23																			11
22/ 21																			9
20/ 19																			2
18/ 17																			9
Element (X)	Σ X ²		Σ X		Σ	Σ _n	No. Obs.		Mean No. of Hours with Temperature							Total			
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					
Dry Bulb																			
Wet Bulb																			
Dew Point																			

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS OCT 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				
82/ 81						.1		.3		.1								4	4						
80/ 79						.3	.1	.1								.1		5	5						
78/ 77					.4		.3		.1	.1								7	7						
76/ 75				.3	.1	.3	.1	.4							.1			13	13						
74/ 73				.1	.1		.8	.4	.5	.1								16	16						
72/ 71			.8	.9	1.1	.7	.1	.5		.1	.1							33	33	1					
70/ 69		.3	1.5	1.3	.4	.8	.8	.9	.3	.1	.1							49	50	9					
68/ 67	.1	.5	2.3	.4	1.1	.8	1.5	.5	.3									56	56	17	4				
66/ 65	.1	2.2	1.3	.9	1.9	2.3	1.6	.4	.3	.1								82	82	38	16				
64/ 63		1.3	.1	1.3	1.6	1.6	1.2	.1	.3									57	57	48	28				
62/ 61		1.9	1.1	.9	1.3	1.3	.5	.5	.1									58	58	39	43				
60/ 59	.1	1.6	1.1	.9	1.3	3.4	1.5	.3										76	76	55	44				
58/ 57	.4	1.2	.7	1.1	2.0	2.0	1.3	.8										71	71	68	23				
56/ 55	.5	1.1	1.2	1.1	1.9	1.9	1.2	.1										67	67	77	41				
54/ 53				1.5	2.2	1.3	.5	.3										43	43	62	39				
52/ 51		.1		.5	1.5	1.1	.4											27	27	48	32				
50/ 49		.3	.3	.5	.9	.5	.5											23	23	64	42				
48/ 47			.1	.5	.8	.4	.4											17	17	50	46				
46/ 45		.3	.1	.4	.8	.9												19	19	55	40				
44/ 43				.4	.3	.1												6	6	30	40				
42/ 41		.4			.5	.1												8	8	27	59				
40/ 39					.1	.1												2	2	19	47				
38/ 37					.1													1	1	17	26				
36/ 35			.3															2	2	7	39				
34/ 33	.1																	1	1	10	20				
32/ 31																				2	28				
30/ 29																					29				
28/ 27																					15				
26/ 25																					6				
24/ 23																					12				
22/ 21																					10				
20/ 19																					6				
18/ 17																					3				
16/ 15																					3				
Element (X)	Σ X ²	Σ X	X̄	σ _x	No. Obs.													Mean No. of Hours with Temperature							
Rel. Hum.																		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ 73-80 YEARS OCT MONTH

PAGE 2 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				
TOTAL	1.5	1.2	1.0	1.3	2.0	2.0	3.1	5.8	2.3	.8	.4	.1						743	744	743	743				
Element (X)	Σ x ²		Σ x		Σ	σ _x	No. Obs.					Mean No. of Hours with Temperature													
Rel. Hum.	2897355		44345		59.7	18.381	743					± 0 F	± 32 F	± 47 F	± 73 F	± 80 F	± 93 F	Total							
Dry Bulb	2801143		45251		60.8	8.14	744							23.0	5.6	.6		93							
Wet Bulb	2152363		39519		53.2	8.242	743						.3	3.4				93							
Dew Point	1648305		33891		45.6	11.748	743						14.3	.5				93							

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ 73-80 OCT
 STATION STATION NAME YEARS MONTH
 PAGE 1 1800-2000
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	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															
72/ 71			.4		.1																										4	4			
70/ 69		.1	.4		.3				.1																						7	7	1		
68/ 67		.7	.8	.3	.1	.3																									16	16	4	3	
66/ 65	.4	2.6	1.6	.9	.3	.3																									45	45	12	10	
64/ 63	.1	1.6	1.3	1.2	.7	.3	.1																								40	40	29	17	
62/ 61	.1	2.3	1.1	.4	1.1	.1		.3																							40	40	40	24	
60/ 59	.4	3.6	2.3	.8	1.6	.3	.1																								68	68	35	35	
58/ 57	.1	2.3	2.8	2.0	1.3	.4	.3																								69	69	50	42	
56/ 55	.8	5.0	2.8	2.2	1.3	.3	.1																								93	93	58	39	
54/ 53	.1	2.7	2.6	1.6	1.2	.1																									62	62	71	49	
52/ 51		1.6	2.0	1.9	.7	.5																									50	50	68	49	
50/ 49		1.1	1.7	2.4	1.5	.4																									53	53	55	43	
48/ 47		1.5	1.1	2.4	.4	.3																									42	42	52	56	
46/ 45		1.1	1.7	1.7	.5																										38	38	51	42	
44/ 43		.5	1.2	1.3	.5																										27	27	44	37	
42/ 41	.1	1.1	1.5	.9																											27	27	49	40	
40/ 39		.9	1.2	.9																											23	23	37	36	
38/ 37		.7	.4	.7	.1																										14	14	27	46	
36/ 35		.5	.7	.7																											14	14	24	40	
34/ 33		.1	1.1																												9	9	12	39	
32/ 31		.1	.3																												3	3	14	31	
30/ 29																																	10	16	
28/ 27																																	1	11	
26/ 25																																		11	
24/ 23																																		17	
22/ 21																																		8	
20/ 19																																		2	
18/ 17																																		1	
TOTAL	2.3	30.1	29.0	22.4	11.8	3.2	.7	.3	.1																							744	744	744	744
Element (X)	Σ X²		Σ X		Σ X		Σ X		No. Obs.		Mean No. of Hours with Temperature						Total																		
Rel. Hum.	4311792		55592		74.7		14.580		744		≤ 8 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F																			
Dry Bulb	2186107		39845		53.6		8.382		744				.4	3.4			93																		
Wet Bulb	1883666		36870		49.6		8.722		744			3.1	.6				93																		
Dew Point	1615555		33723		45.3		10.821		744		12.1	.4					93																		

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ 73-80 OCT
 STATION STATION NAME YEARS 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
74/ 73			.1															1	1	
72/ 71			.3															2	2	
70/ 69			.1	.1														2	2	3
68/ 67		.9	.5	.5		.1	.1											17	17	3
66/ 65	.3	1.3	.7			.1												18	18	9
64/ 63	.3	4.4	.5	.7	.4													47	47	13
62/ 61	.7	1.7	.7	.8	.4													32	32	36
60/ 59	.1	2.4	1.6	.5	.1													36	36	35
58/ 57	.7	3.2	1.2	.5	.7													47	47	23
56/ 55	.8	3.4	2.3	.7	.8	.8												65	65	32
54/ 53	.4	2.6	3.0	1.3	.3	.1												57	57	35
52/ 51	.1	3.5	2.6	1.6	.5	.3												64	64	42
50/ 49	.4	2.8	2.3	1.5	.5	.1												57	57	58
48/ 47	.3	3.8	1.3	1.3	.3	.1												53	53	41
46/ 45	.1	3.1	1.9	.9	.4													48	48	45
44/ 43		2.3	2.4	1.1	.1													44	44	48
42/ 41		2.0	3.0	.4														40	40	40
40/ 39	.1	2.0	1.5	.3														29	29	40
38/ 37	.4	1.7	.7															21	21	44
36/ 35	.3	1.5	.9	.4														23	23	54
34/ 33		.9	.7	.3														14	14	44
32/ 31	.1	1.1	.9	.1														17	17	40
30/ 29		.7	.4															8	8	7
28/ 27		.1																1	1	12
26/ 25																				13
24/ 23																				14
22/ 21																				9
20/ 19																				2
18/ 17																				4
TOTAL	5.14	5.62	9.61	3.2	4.6	1.7	.1											743	743	743
Element (X)	Σ X²		Σ X		X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total						
Rel. Hum.	4909702		59640		80.3	12.846	743	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	93						
Dry Bulb	1962210		37556		50.5	9.279	743		3.3	2.8	.1			93						
Wet Bulb	1750308		35380		47.6	9.402	743		5.8	.6				93						
Dew Point	1555679		33023		44.4	10.888	743		12.6	.4				93						

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS OCT 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		
84/ 83									.0										1	1			
82/ 81						.0	.1	.1	.0	.0									15	15			
80/ 79					.0	.1	.1	.1	.0	.0									22	22			
78/ 77					.1	.1	.0	.0	.0	.1									20	20			
76/ 75				.1	.1	.1	.0	.1	.1	.0	.0	.0							36	36			
74/ 73			.1	.3	.2	.3	.2	.3	.1	.1	.0	.0							89	89			
72/ 71		.1	.5	.4	.3	.2	.3	.2	.1	.1	.0								122	122	5		
70/ 69	.0	.3	.7	.5	.3	.4	.5	.3	.1	.0	.0								178	179	49		
68/ 67	.1	.8	.9	.3	.4	.4	.4	.5	.1	.0									231	231	103		
66/ 65	.2	2.1	.7	.4	.5	.6	.6	.2	.1	.0									328	328	174		
64/ 63	.4	2.3	.5	.9	.5	.8	.5	.1	.1										357	357	286		
62/ 61	.6	1.8	1.0	.5	.8	.6	.4	.3	.1										355	355	281		
60/ 59	.5	2.8	1.3	.6	.8	1.2	.6	.2											478	478	318		
58/ 57	.5	2.3	1.2	1.0	.9	.8	.5	.2											438	438	425		
56/ 55	.8	2.4	1.6	.9	1.2	.8	.4	.0											477	477	398		
54/ 53	.3	2.0	1.4	.9	.9	.6	.2	.1											377	377	433		
52/ 51	.4	1.6	1.1	.9	.9	.4	.2	.0											323	323	428		
50/ 49	.3	1.8	1.3	1.1	.7	.3	.2												337	337	413		
48/ 47	.1	1.7	1.0	1.1	.5	.3	.1												284	284	386		
46/ 45	.1	2.2	1.5	.7	.4	.2													299	299	401		
44/ 43	.1	1.9	1.2	.6	.3	.1													250	250	371		
42/ 41	.1	1.9	1.2	.4	.1	.1													221	221	327		
40/ 39	.1	1.9	1.0	.3	.1	.0													199	199	297		
38/ 37	.1	1.4	.7	.2	.0														141	141	254		
36/ 35	.2	1.1	.6	.2															123	123	191		
34/ 33	.1	.9	.5	.1															93	93	144		
32/ 31	.3	.8	.3	.0															83	83	101		
30/ 29	.1	.4	.3																44	44	80		
28/ 27	.1	.2	.1																21	21	51		
26/ 25		.1																	8	8	24		
24/ 23																					10		
22/ 21																					88		
20/ 19																					60		
18/ 17																					33		
16/ 17																					42		
Element (X)	Σ X²		Σ X		Σ	σ _x	No. Obs.		Mean No. of Hours with Temperature						Total								
Rel. Hum.									≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F									
Dry Bulb																							
Wet Bulb																							
Dew Point																							

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

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PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb
66/ 65		.1	.4			.4											7	7		
64/ 63		1.3					.3										11	11	3	1
62/ 61	.4	2.2	.1	.1			.1										22	22	20	7
60/ 59	.8	2.1	.6		.1												26	26	21	30
58/ 57	1.1	1.9	1.1		.3												32	32	28	23
56/ 55	.1	1.7	.3	.1													16	16	19	13
54/ 53	.8	2.5	1.4	.4	.4												40	40	24	23
52/ 51	.7	2.1	1.0	.6	.6												35	35	33	26
50/ 49	.1	1.5	1.8	.1	.4	.1											30	30	27	29
48/ 47	.1	2.2	1.7	1.1	.3												39	39	25	11
46/ 45	.6	3.3	1.5	1.1	.1												48	48	39	26
44/ 43	.3	1.4	1.5	.4	.1												27	27	45	42
42/ 41	.3	2.8	1.8	.8		.3											43	43	43	30
40/ 39	.8	2.2	3.9	1.0	.1												58	58	35	35
38/ 37	.6	1.9	2.4	1.3													44	44	40	41
36/ 35	.1	2.6	3.2	1.0													50	50	53	24
34/ 33		2.8	3.5	.7													50	50	48	31
32/ 31		3.1	2.5	.8													46	46	49	50
30/ 29		1.8	1.8	1.0													33	33	54	43
28/ 27	.1	1.8	.8	.1													21	21	33	35
26/ 25	.4	1.7	1.4														25	25	37	45
24/ 23	.4	.1	.4														7	7	26	38
22/ 21	.3	.4	.6														9	9	12	31
20/ 19			.1														1	1	4	22
18/ 17																			2	20
16/ 15																				13
14/ 13																				14
12/ 11																				8
10/ 9																				4
8/ 7																				5
TOTAL	8.24	43.63	33.8	10.7	2.5	.8	.4										720	720	720	720
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.						Mean No. of Hours with Temperature									
Rel. Hum.	4515482	56064	77.9	4.442	720						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total			
Dry Bulb	1383901	30609	42.5	10.721	720							17.8					90			
Wet Bulb	1228846	28686	39.8	10.933	720							27.1					90			
Dew Point	1045546	25760	35.8	13.128	720							41.0					90			

USAFETAC FORM 71 JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ 73-80 NOV
 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
62/ 67				.1													1	1			
54/ 63		1.9	.3	.3	.3												20	20			
42/ 61	.4	1.8		.1													17	17	27	15	
61/ 59	1.3	1.5	.4	.1		.4											27	27	22	24	
58/ 57	.1	2.5	.7	.3	.1												27	27	12	15	
56/ 55	.3	1.3	.3														13	13	27	16	
54/ 53	.8	1.9	.8														26	26	19	23	
52/ 51	.7	2.8	1.5	.1													37	37	31	24	
50/ 49		2.1	1.5	.3	.3												30	30	23	22	
48/ 47	.3	3.3	1.1	1.0	.4												44	44	34	27	
46/ 45	.4	1.4	1.7	1.4													35	35	35	25	
44/ 43	.3	3.2	2.4	1.0													49	49	30	24	
42/ 41	.3	1.9	1.9	1.1	.1												39	39	48	38	
40/ 39	.7	1.7	2.6	.4	.1												40	40	41	30	
38/ 37	1.0	2.1	1.4	.7	.3												39	39	45	25	
36/ 35	.3	2.9	2.6	1.5													53	53	40	31	
34/ 33	.3	2.9	3.2	.4													49	49	42	45	
32/ 31		5.7	1.8	.6													58	58	49	53	
30/ 29	.1	1.7	2.1	.6													32	32	66	40	
28/ 27	.1	3.1	1.1														31	31	39	32	
26/ 25	.3	1.8	.4														18	18	34	37	
24/ 23	.4	.3	.6														9	9	24	39	
22/ 21	.8	.6	.4														13	13	12	44	
20/ 19	.6	.7	.3														11	11	12	25	
18/ 17		.1															1	1	6	24	
16/ 15		.1															1	1	1	16	
14/ 13																			1	5	
12/ 11																				9	
10/ 9																				8	
8/ 7																				3	
6/ 5																				1	
TOTAL	9.4	49.3	29.2	10.0	1.7	.4												720		720	
																	720		720		
Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	4665908	57120	79.3	3.671	720	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	1327542	29870	41.5	1.085	720		21.8	.1				90									
Wet Bulb	1190125	28139	39.1	1.213	720		30.5					90									
Dew Point	1022245	25425	35.3	1.155	720		42.0					90									

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
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 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS NOV 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															
68/ 67			.4																												3	3				
66/ 65		.1	.3																												3	3				
64/ 63	.3	1.4																													12	12	6	3		
62/ 61	.8	1.9	.3	.4																											25	25	21	18		
60/ 59	.3	1.3	.4				.4																								17	17	13	15		
58/ 57	1.3	1.9	.6	.1																											28	28	24	17		
56/ 55	.4	1.3	1.3	.1																											22	22	22	24		
54/ 53	.8	2.4	1.1																												31	31	21	17		
52/ 51	.4	2.1	1.4	.6																											32	32	34	22		
50/ 49	.6	3.1	1.1	.4	.1																										38	38	31	28		
48/ 47		2.5	1.4	1.0	.4																										38	38	34	28		
46/ 45	.3	2.8	1.7	1.1																											42	42	29	32		
44/ 43		2.4	2.2	.8																											39	39	35	33		
42/ 41		2.9	1.7	1.0																											40	40	37	22		
40/ 39	.7	1.7	3.2	.8	.1																										47	47	49	34		
38/ 37	1.1	3.2	1.3	1.3	.4																										52	52	50	28		
36/ 35	.3	2.2	1.4	.8																											34	34	43	41		
34/ 33	.4	3.2	3.9	.3																											56	56	39	35		
32/ 31	.1	5.1	2.1	1.1																											61	61	46	47		
30/ 29	.1	1.9	2.4	.1																											33	33	73	38		
28/ 27	.1	1.4	1.4																												21	21	35	46		
26/ 25	.3	1.0	1.0																												16	16	26	35		
24/ 23		.8	.3																												8	8	19	30		
22/ 21	.4	.6	.3																												9	9	14	36		
20/ 19	.7	.4	.1																												9	9	11	29		
18/ 17		.3																													2	2	3	17		
16/ 15		.1																													1	1	3	17		
14/ 13		.1																													1	1	1	11		
12/ 11																																	1		5	
10/ 9																																			6	
8/ 7																																			2	
6/ 5																																			3	
4/ 3																																			1	
Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FEDERAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

30 ATLANTIC CITY NJ 73-80 NOV
STATION NAME YEARS MONTH
PAGE 2 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			
1.1	9.4	8.1	31.0	10.0	1.1	.4													720		720			
Element (X)	Σ X ²	Σ X	Σ Y	Σ Z	No. Obs.	Mean No. of Hours with Temperature																		
i. Num.	4675543	57193	79.4	13.572	720	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
r Bulb	1349581	30163	41.9	10.934	720		20.1	.4				90												
w Bulb	1211066	28424	39.5	11.123	720		29.0					90												
w Point	1045514	25748	35.8	13.171	720		40.4					90												

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PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ

73-80

NOV
 MONTH

PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dr. Bulb	Wet Bulb	De-Point
76/ 75					.1	.3												3	1		
74/ 73					.1													1	1		
72/ 71			.1	.1			.1											3	1		
70/ 69		.3	.4	.6		.6		.1										14	14		
68/ 67		.1	.4	.4	.4	.4	.1											14	14		5
66/ 65		.6	1.0	.6	.4	.3	.3	.1										23	23		9
64/ 63	.6	1.9	.3	.4	.1	.8	.3	.1	.1									34	34	15	12
62/ 61	.3	1.0	1.3	.6	.4	.6	.6											33	33	29	21
60/ 59	.4	.7	.8	1.3	.8	.6	.8	.1										40	40	24	24
58/ 57	.6	.4	.8	1.0	1.3	.8	.4											38	38	28	15
56/ 55	.1	1.9	1.0	1.4	1.3	.4	.7											49	49	21	14
54/ 53		1.3	1.0	1.0	1.0	1.0	.6	.1										42	42	38	25
52/ 51	.1	1.4	1.3	1.1	1.3	1.0												44	44	40	30
50/ 49	.1	2.5	.8	1.8	.7	1.4												53	53	51	30
48/ 47	.1	1.7	1.1	1.0	1.5	1.1												47	47	54	31
46/ 45		1.0	1.5	2.1	1.9	1.1												55	55	42	36
44/ 43	.1	.6	.6	1.9	1.5	.7												39	39	47	38
42/ 41		.6	1.3	2.6	1.8	.3												47	47	34	19
40/ 39	.3	1.3	1.3	2.2	1.5	.1												48	48	56	31
38/ 37		.6	.6	1.8	.8													27	27	54	52
36/ 35	.4	.6	1.1	1.9	.8													35	35	51	34
34/ 33	.1		.3	.8	.3													11	11	45	33
32/ 31	.1	.3	.3	1.1														13	13	27	37
30/ 29	.1			.3														3	3	24	44
28/ 27		.1																1	1	13	34
26/ 25																				8	32
24/ 23			.1															1	1	2	24
22/ 21			.1															1	1		29
20/ 19			.1															1	1	1	26
18/ 17																				1	10
16/ 15																				1	14
14/ 13																					11
12/ 11																					8
6/ 5																					3
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUN 71

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

9773 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS NOV MONTH

PAGE 2 0900-1100 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
77AL	3.6	19.6	17.5	26.0	18.2	11.4	3.9	.6	.3									720	720	720	
Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	3306973	46923	65.2	18.608	720	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total									
Dry Bulb	1872896	36012	50.0	9.986	720		2.5	4.4	.5			90									
Wet Bulb	1512246	32188	44.7	10.094	720		9.6	.6				90									
Dew Point	1161793	27285	37.9	3.332	720		34.0					90									

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
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 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
82/ 81								.1										1	1			
80/ 79						.1	.4											4	4			
78/ 77						.1		.1										2	2			
76/ 75							.1	.3										3	3			
74/ 73		.1	.1				.1	.4										6	6	1		
72/ 71		.1		.1	.1	.3	.8	.3	.1	.3								16	16	1	2	
70/ 69			.4	.1	.3	.1	.1	.4										11	11	2		
68/ 67		.1	.3	.8	1.7	.4	.7	.3		.4								34	34	6	1	
66/ 65		.6	.6	.3	.6	.7	.7	1.3	.1									34	34	7	2	
64/ 63	.4	1.9	.7	.3		1.7	.7	1.0										48	48	18	8	
62/ 61	.1	.8	.4	1.0	1.0	.7	.6	.6	.1									38	38	39	21	
60/ 59		1.1	.4	1.0	.8	1.8	1.0	.8										50	50	28	20	
58/ 57	.3	1.5	.7	.8	1.3	1.3	1.4	.7	.3									59	59	24	24	
56/ 55		2.2	.3	.7	.8	1.1	1.0	.3										46	46	45	20	
54/ 53		.3			1.1	1.4	1.1											28	28	48	33	
52/ 51		1.1	.8	1.0	.8	.7	1.7											44	44	36	20	
50/ 49		1.5	.4	1.4	1.3	2.8	1.0											60	60	52	26	
48/ 47		.6	.4	.4	1.8	2.9	.3											46	46	44	31	
46/ 45		.7		1.4	2.6	3.5												59	59	50	38	
44/ 43		.3	.4	1.3	2.1	.8												35	35	36	29	
42/ 41		.3	.7	.8	2.1	.6												32	32	43	16	
40/ 39	.1	.4		.8	1.8	.8												29	29	56	31	
38/ 37		.6	.1	.1	1.4													16	16	62	38	
36/ 35	.3	.4	.1	.8														12	12	52	32	
34/ 33		.1		.1	.1													3	3	25	34	
32/ 31																				24	45	
30/ 29																				12	31	
28/ 27																				5	41	
26/ 25				.4														3	3		42	
24/ 23																					21	
22/ 21																				3	33	
20/ 19																					30	
18/ 17																					13	
16/ 15																					10	
Element (X)	ΣX^2	ΣX	\bar{X}	σ_X	No. Obs.	Mean No. of Hours with Temperature																
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb																						
Wet Bulb																						
Dew Point																						

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ 73-80 NOV
STATION STATION NAME YEARS MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
14/ 13																						16
12/ 11																						7
10/ 9																						1
6/ 5																						3
TOTAL	1.3	14.9	7.0	12.9	22.5	21.8	11.7	6.5	.7	.7										719	719	719
Element (X)	ΣX^2		ΣX		\bar{X}	σ_x	No. Obs.					Mean No. of Hours with Temperature										
Rel. Hum.	2588500		40702		56.6	19.902	719					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb	2158726		38754		53.9	9.866	719						.4	9.6	2.0	.4		90				
Wet Bulb	1626695		33469		46.5	9.784	719						5.5	1.3	.1			90				
Dew Point	1148338		26984		37.5	3.744	719						36.7	.4				90				

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ 73-80 NOV
 STATION STATION NAME YEARS MONTH

PAGE 1 1500-1700
 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
80/ 79							.1										1	1		
78/ 77						.3											2	2		
76/ 75							.1	.1									2	2		
74/ 73				.1				.1									2	2		
72/ 71				.1	.1		.3	.3									6	6		
70/ 69			.1	.1	.1	.3	.4										8	8		
68/ 67		.1	.3	.1	.6	.3	.1	.3		.1							14	14	4	
66/ 65		1.0	.7	.8		.4	.4	.3	.1								27	27	4	
64/ 63	.4	1.4	1.3	.7	.8	.6	.1	.3	.1	.1							42	42	17	
62/ 61	.1	2.4	.8	.3	.4	1.3	.1	.7	.1								45	45	29	
60/ 59		1.4	1.3	1.1	.3	.3	.7	.6									40	40	32	
58/ 57	.6	1.1	1.4	.8	1.0	.3	1.0	.7	.1								50	50	36	
56/ 55	.1	1.8	1.1	.6	1.3	.3	.8	.1									44	44	31	
54/ 53	.1	1.1	1.1	1.5	1.0	1.1	.4	.1									47	47	45	
52/ 51		1.3	.7	1.1	1.5	.6	.7										42	42	38	
50/ 49		1.0	1.5	1.4	1.0	2.5	.1										54	54	36	
48/ 47		1.0	.8	.7	2.6	1.4	.6										51	51	43	
46/ 45		1.0	.7	1.1	1.8	2.2	.1										50	50	52	
44/ 43		.3	1.1	2.5	2.2	1.3											53	53	44	
42/ 41		.1	1.5	1.7	2.1	.4											42	42	29	
40/ 39		.3	1.3	.8	3.1	.6											43	43	64	
38/ 37		.4	.6	1.0	1.3												23	23	58	
36/ 35			.3	.7	1.0												14	14	56	
34/ 33		.3	.1	.8	.3												11	11	35	
32/ 31				.3													2	2	31	
30/ 29				.1													1	1	17	
28/ 27				.1													1	1	12	
26/ 25				.1													1	1	2	
24/ 23																			1	
22/ 21			.1														1	1	2	
20/ 19																				
18/ 17																			1	
16/ 15																				
14/ 13																				
Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total								
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

92730 ATLANTIC CITY NJ 73-80 YEARS NOV
STATION STATION NAME MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
70/ 69				.1	.1													2	2		
68/ 67				.1														1	1		
66/ 65		.3	.4															5	5		
64/ 63	.1	1.8	.1		.1													16	16	7	2
62/ 61	.1	2.4	.1	.6														23	23	20	13
60/ 59	1.7	3.1	1.0	.8														47	47	33	35
58/ 57		1.5	2.2		.6													31	31	26	15
56/ 55		1.8	.6	.8			.3	.1										26	26	17	23
54/ 53	.6	3.2	.7	.8	.3	.1	.3											43	43	45	17
52/ 51	.3	1.5	1.9	.7	.8	.4	.4											44	44	24	41
50/ 49		2.8	1.7	.7	.8	.1												44	44	31	26
48/ 47	.1	3.2	1.5	1.3	1.3													53	53	40	21
46/ 45	.3	1.7	1.7	1.3	1.0													42	42	47	35
44/ 43		.7	2.6	1.7	.7	.1												42	42	33	37
42/ 41	.1	1.3	1.9	2.4	.4													44	44	51	27
40/ 39	.1	1.5	4.3	1.0	.7													55	55	42	22
38/ 37		1.5	2.2	3.1	1.3													58	58	52	30
36/ 35		.8	3.5	1.9	.4													48	48	52	27
34/ 33		.8	1.7	3.3	.3													44	44	35	39
32/ 31		1.0	1.0	2.2	.1													31	31	59	41
30/ 29		.1	1.4	.3														13	13	44	39
28/ 27			.3	.1														3	3	28	49
26/ 25			.1															1	1	25	39
24/ 23		.1																1	1	5	12
22/ 21																				1	19
20/ 19			.1															1	1		43
18/ 17		.3																2	2		20
16/ 15																				3	23
14/ 13																					14
12/ 11																					2
10/ 9																					5
8/ 7																					3
6/ 5																					1
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
68/ 67			.1															1	1				
66/ 65		.3	.4															5	5				
64/ 63		1.0				.1	.3											10	10	4	1		
62/ 61	.4	2.5		.4														24	24	17	6		
60/ 59	1.0	2.9	.3															32	32	25	35		
58/ 57	1.1	1.9	1.5															33	33	32	23		
56/ 55	.6	1.5	1.8	.6														32	32	17	22		
54/ 53	.1	3.3	.4	.4		.1												32	32	42	11		
52/ 51	.4	1.0	1.1	1.0	.1	.3		.1										29	29	24	42		
50/ 49	.1	1.8	1.3	.6	.6	.1	.1											33	33	21	24		
48/ 47	.3	2.2	1.4	.6	.3	.1												35	35	23	11		
46/ 45	.1	3.6	1.7	.7	.4	.1												48	48	42	20		
44/ 43	.4	3.1	.8	1.9	.1													46	46	43	44		
42/ 41	.6	1.9	3.1	.8														46	46	43	41		
40/ 39	.3	2.5	5.3	1.3	.1													68	68	43	25		
38/ 37	.1	1.5	1.9	1.5														37	37	61	33		
36/ 35		1.8	3.2	1.7														48	48	49	30		
34/ 33		2.5	2.9	1.8														52	52	37	31		
32/ 31		1.3	2.9	1.8														43	43	53	59		
30/ 29		1.1	2.2	.6														28	28	42	34		
28/ 27		1.1	1.1	.1														17	17	36	36		
26/ 25		.8	.8															12	12	37	39		
24/ 23			.4															3	3	14	27		
22/ 21		.1	.1															2	2	9	24		
20/ 19	.1																	1	1	3	30		
18/ 17																					24		
16/ 15		.4																3	3		14		
14/ 13																				3	14		
12/ 11																					8		
10/ 9																					4		
8/ 7																					7		
6/ 5																					1		
TOTAL	5.7	40.3	34.9	16.0	1.7	1.0	.4	.1										720	720	720	720		
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.		Mean No. of Hours with Temperature					Total											
Rel. Hum.	4334071	54771	76.1	5.267	720		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F											
Dry Bulb	1439595	31321	43.5	10.354	720			13.6	.1				90										
Wet Bulb	1268339	29201	40.6	10.811	720			24.6					90										
Dew Point	1068099	25983	36.1	13.469	720			40.1					90										

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	O.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81																		1	1		
80/ 79						.0	.1											5	5		
78/ 77						.1		.0										4	4		
76/ 75						.0	.0	.1										8	8		
74/ 73		.0	.0	.0	.0		.0	.1										9	9	1	
72/ 71		.0	.0	.1	.0	.0	.2	.1	.0	.0								25	25	1	2
70/ 69		.0	.1	.1	.1	.1	.1	.1	.1	.0								35	35	2	
68/ 67		.1	.2	.3	.3	.1	.1	.1	.1		.1							68	68	15	1
66/ 65		.4	.5	.2	.1	.2	.2	.2	.0									104	104	20	6
64/ 63	.2	1.6	.3	.2	.2	.4	.2	.2	.0	.0								193	193	70	37
62/ 61	.3	1.9	.4	.4	.2	.3	.2	.2	.0									227	227	202	119
60/ 59	.7	1.8	.6	.6	.3	.4	.3	.2										279	279	198	206
58/ 57	.6	1.6	1.1	.4	.6	.3	.3	.2	.1									298	298	210	162
56/ 55	.2	1.7	.8	.5	.4	.2	.3	.1										248	248	199	152
54/ 53	.4	2.0	.8	.5	.5	.5	.3	.0										289	289	282	175
52/ 51	.3	1.6	1.2	.8	.6	.4	.3	.0										307	307	260	235
50/ 49	.1	2.0	1.3	.8	.6	.9	.2											342	342	272	217
48/ 47	.1	2.1	1.2	.9	1.1	.7	.1											353	353	297	187
46/ 45	.2	1.9	1.3	1.3	1.0	.9	.0											379	379	336	237
44/ 43	.1	1.5	1.5	1.4	.9	.4												330	330	313	281
42/ 41	.2	1.5	1.7	1.4	.8	.2												333	333	328	222
40/ 39	.4	1.4	2.7	1.0	1.0	.2												388	388	386	233
38/ 37	.3	1.5	1.3	1.3	.7													296	296	422	269
36/ 35	.2	1.4	1.9	1.2	.4													294	294	396	245
34/ 33	.1	1.6	1.9	1.0	.1													276	276	306	287
32/ 31	.0	2.0	1.3	1.0	.0													254	254	338	366
30/ 29	.1	.8	1.2	.4														143	143	332	319
28/ 27	.1	.9	.6	.1														95	95	201	313
26/ 25	.1	.7	.5	.1														76	76	169	293
24/ 23	.1	.2	.2															29	29	91	214
22/ 21	.2	.2	.2															35	35	53	249
20/ 19	.2	.1	.1															24	24	31	246
18/ 17		.1																5	5	13	140
16/ 15		.1																5	5	8	123
Element (X)	ΣX^1	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE USAFETAC

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93736 ATLANTIC CITY NJ 73-80 NOV
 STATION STATION NAME YEARS MONTH

PAGE 2 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															
14/ 13		.0																1	1	5	99															
12/ 11																				1	56															
10/ 9																					31															
8/ 7																					20															
8/ 5																					14															
4/ 3																					2															
TOTAL	5.3	32.8	25.1	16.0	9.9	6.3	3.0	1.4	.2	.1							5758	5758	5758	5758																

Element (X)	Σx²	Σx	X̄	s²	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Num.	30933894	408150	70.9	18.651	5758							
Dry Bulb	13076390	266668	46.3	1.232	5758		83.4	19.4	3.4	.4		720
Wet Bulb	10929339	242895	42.2	0.893	5758		155.3	2.4	.1			720
Dew Point	8728111	210311	36.5	3.483	5758		310.7	.4				720

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ 73-80 DEC
 STATION STATION NAME YEARS MONTH

PAGE 1 0000-0200
 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			
66/ 65			.4															3	3					
64/ 63																					1			
62/ 61		.5																5	5	2	1			
60/ 59		.1					.1											2	2	4	3			
58/ 57	.1	.5	1.1	.1														14	14	2	4			
56/ 55	.3	.7	.8															13	13	10	3			
54/ 53		1.7	.4															16	16	15	9			
52/ 51		1.3		.1														11	11	19	17			
50/ 49	.1	2.3	.8	.3														26	26	13	16			
48/ 47		1.7	.5	.7	.3													24	24	19	15			
46/ 45		2.0	1.3	.7	.4													33	33	17	11			
44/ 43		2.0	1.5	1.1														34	34	33	24			
42/ 41		.7	1.1	.8														19	19	24	31			
40/ 39	.5	1.9	1.9	1.5	.1													44	44	25	11			
38/ 37	.5	2.0	1.2	1.6	.1													41	41	42	16			
36/ 35	.1	2.4	2.3	2.2	.1													53	53	36	25			
34/ 33	.3	2.6	2.6	1.1														48	48	42	31			
32/ 31	.9	3.4	3.2	.4														59	59	61	51			
30/ 29	.4	1.9	3.4	1.3	.1													53	53	55	30			
28/ 27	.1	3.0	1.6	1.3														45	45	51	35			
26/ 25		3.4	2.0	.1														41	41	52	39			
24/ 23	.7	1.9	.7															24	24	50	34			
22/ 21	.5	1.9	.9															25	25	40	55			
20/ 19	.4	2.3	1.2															29	29	26	52			
18/ 17	.1	1.2	.8															16	16	19	37			
16/ 15	.5	1.9	.4															21	21	25	32			
14/ 13	.1	2.2	.1															18	18	20	22			
12/ 11		.9																7	7	14	30			
10/ 9	.1	.9																8	8	12	20			
8/ 7	.5	.1																5	5	7	22			
6/ 5	.4																	3	3	4	16			
4/ 3	.1																	1	1	1	16			
2/ 1																					21			
0/ -1	.4																	3	3	3	10			
Element (X)	Σ X		Σ X		Σ X	σ _x	No. Obs.										Mean No. of Hours with Temperature							
Rel. Hum.																	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ
STATION STATION NAME

73-80
YEARS

DEC
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	
70/ 69			.1															1	1			
66/ 65																					1	
64/ 63		.1																1	1			
62/ 61		.1																1	1		1	1
60/ 59		.4	.1			.1												5	5		1	1
58/ 57		1.6	.3	.3														16	16		6	3
56/ 55	.3	.3	.8															10	10		12	9
54/ 53		.9	.1	.1														9	9		8	6
52/ 51	.1	.9	.3	.3														12	12		14	10
50/ 49	.3	.8	.4	.4	.1													15	15		11	16
48/ 47	.1	1.6	.4	.1														17	17		10	7
46/ 45		1.3	1.1	.3	.1													21	21		18	8
44/ 43	.1	1.5	1.2	.5	.1													26	26		19	22
42/ 41	.1	2.2	1.3	.4	.1													31	31		29	10
40/ 39	.9	2.3	2.3	.5	.1													46	46		36	22
38/ 37	.4	2.7	1.6	.8														41	41		36	35
36/ 35	.7	2.4	2.2	2.0														54	54		39	32
34/ 33	.3	2.0	3.4	.9	.3													51	51		39	30
32/ 31	.5	4.8	3.9	1.5														78	78		43	29
30/ 29	1.1	2.0	3.0	.7														50	50		80	38
28/ 27	.1	3.1	2.0	.5														43	43		56	37
26/ 25	.1	2.2	2.0	.4														35	35		55	44
24/ 23		2.6	.8	.1														26	26		42	36
22/ 21	.4	3.0	1.3	.1														36	36		37	46
20/ 19	1.9	1.3	1.6															36	36		40	48
18/ 17		2.0	.5															19	19		24	47
16/ 15	.3	2.0	.4															20	20		28	30
14/ 13	.1	.5	.1															6	6		16	26
12/ 11	.1	1.3	.1															12	12		7	33
10/ 9	.1	1.1	.1															10	10		13	29
8/ 7		.1																1	1		6	19
6/ 5	.4	.3																5	5		5	12
4/ 3	.3	.1																3	3		5	19
2/ 1	.4	.4																6	6		6	20
Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature						Total										
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F											
Dry Bulb																						
Wet Bulb																						
Dew Point																						

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS DEC MONTH

PAGE 2 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
0/-1	.1																	1	1	1	3
-2/-3																					4
-4/-5																					4
-6/-7																					5
-8/-9																					2
-10/-11																					1
TOTAL	9.1	48.1	31.6	10.1	1.1													744	744	744	744

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	4219202	54962	73.9	14.627	744	.1	48.4	.1				93
Wet Bulb	882708	24082	32.4	11.786	744	.1	58.0					93
Dew Point	765827	22275	29.9	11.539	744	2.4	66.5					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS DEC MONTH

PAGE 1 0900-1100 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
70/ 69					.1													1	1	
68/ 67					.1													1	1	
66/ 65			.1	.1	.1													3	3	
64/ 63			.1	.3														3	3	1
62/ 61		.4	.4	.1														7	7	1
60/ 59		.3	.1	.1		.1	.1											6	6	3
58/ 57	.1	.8	.1	.1	.1	.1												11	11	5
56/ 55		1.1	.4	.8	.4	.3												22	22	11
54/ 53		1.1	.4	.4	.3	.3	.1											19	19	8
52/ 51	.1	1.2	.7	.8	.7	.7												31	31	14
50/ 49	.3	.7	.5	.7	.5	.7												25	25	13
48/ 47	.1	1.9	1.6	1.3	1.2	.1												47	47	12
46/ 45	.1	1.2	.9	1.5	1.1	.4												39	39	18
44/ 43		1.5	1.3	2.4	2.0	.3	.1											57	57	20
42/ 41	.4	2.0	2.2	1.3	1.2	.5												57	57	22
40/ 39	.4	1.9	1.7	3.2	1.9	.5												72	72	28
38/ 37	.1	.7	2.3	2.6	.7													47	47	29
36/ 35	.3	1.3	1.3	2.8	.8													49	49	32
34/ 33	.3	1.7	2.7	1.7	.4													51	51	36
32/ 31	.3	1.1	2.0	2.8	.8													52	52	49
30/ 29	.3	.7	1.5	1.3	.3													30	30	39
28/ 27	.3	.9	.8	1.5														26	26	52
26/ 25		.8	1.5	.8														23	23	44
24/ 23		.3	1.1	.4														13	13	28
22/ 21		.7	1.5	.4														19	19	36
20/ 19		.3	1.2	.1														12	12	35
18/ 17		.5	.8															10	10	36
16/ 15		.1	.1															2	2	35
14/ 13	.1	.4																4	4	27
12/ 11		.1	.1															2	2	28
10/ 9																				2
8/ 7																				11
6/ 5																				17
4/ 3		.1																1	1	14
Element (X)	Σ X'		Σ X ²		Σ X	Σ X ²	No. Obs.	Mean No. of Hours with Temperature												
Rel. Hum.								≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS DEC MONTH

PAGE 2 0900-1100 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
2/ 1		.3																2	2	3	7
5/ -1																					7
-2/ -3																					3
-4/ -5																					3
-6/ -7																					1
-10/-11																					3
TOTAL	3.2	24.1	27.7	27.8	12.8	4.0	.4											744	744	744	744
Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	3287526	47688	64.1	17.628	744	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total									
Dry Bulb	1209800	28964	38.9	10.520	744		24.5	.3				93									
Wet Bulb	975837	25827	34.7	10.330	744		39.4					93									
Dew Point	683891	20117	27.0	13.724	744	2.1	61.6					93									

USA FETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ 73-80 DEC
 STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
66/ 67			.1		.1	.3												4	4			
66/ 65		.3	.3				.4	.4										10	10			
64/ 63		.1		.1		.4												5	5	3		
62/ 61			.4	.4	.3		.4	.4										14	14	3	4	
60/ 59		.4	.1	.3	.3		.4											11	11	4	2	
58/ 57		.5	.3	.1	.9	.3	.4	.1										20	20	7	3	
56/ 55		.5	.5	.4	.1	.9	.4	.1										23	23	7	4	
54/ 53		1.1	.8	.4	.5	1.1	.8											35	35	19	7	
52/ 51	.1	.7	.5	.4	.9	1.3	.1											31	31	24	13	
50/ 49	.3	1.6	.8	1.5	1.6	1.5	.1											55	55	28	21	
48/ 47		1.6	.8	.9	2.4	2.7	.3											65	65	22	13	
46/ 45	.1	1.1	1.3	2.7	1.9	1.2	.1											63	63	44	21	
44/ 43		1.2	.5	2.0	2.8	1.3	.5											63	63	43	27	
42/ 41		1.2	1.1	2.4	3.6	1.3												72	72	57	16	
40/ 39		.3	.9	2.3	3.0	.8	.1											55	55	62	20	
38/ 37	.3	.8	1.1	.9	1.6	.3												37	37	67	34	
36/ 35	.1	.4	.5	.9	1.6													27	27	62	29	
34/ 33		.5	.1	1.3	.9													22	22	74	35	
32/ 31	.4	.5	.5	2.6	.9													37	37	42	57	
30/ 29	.3	.3	.5	1.7	.9													28	28	28	43	
28/ 27		.4	.8	1.5	.3													22	22	28	34	
26/ 25		.3	.9	1.6														21	21	32	41	
24/ 23		.1	.3	.7														8	8	36	37	
22/ 21			.7	.1														6	6	18	51	
20/ 19		.4	.5															7	7	17	34	
18/ 17																				10	19	
16/ 15																				4	39	
14/ 13																					30	
12/ 11																					25	
10/ 9																					14	
8/ 7		.1																1	1		13	
6/ 5		.3																2	2	1	16	
4/ 3																				2	10	
2/ 1																					15	
Element (X)	Σ X ²	Σ X		X̄	s _x	No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb																						
Wet Bulb																						
Dew Point																						

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ 73-80 DEC
 STATION STATION NAME YEARS MONTH
 PAGE 2 1200-1400
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
0/-1																					11
-2/-3																					2
-4/-5																					1
-10/-11																					3
TOTAL	1.6	14.8	14.7	25.4	24.9	13.4	4.2	1.1										744	744	744	744

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Rel. Hum.	2580985	41571	55.9	18.642	744							93
Dry Bulb	1445046	31916	42.9	10.108	744		16.5	.5				93
Wet Bulb	1087540	27508	37.0	9.740	744		27.3					93
Dew Point	685480	20142	27.1	3.736	744	2.1	61.9					93

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ 73-80 YEARS DEC MONTH

PAGE 1 1500-1700 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	
70/ 69			.4	.1														4	4			
66/ 65		.1	.1		.1		.1	.1										5	5	3		
64/ 63						.1	.1											2	2	3	1	
62/ 61		.4		.3		.1	.1	.1										8	8		5	
60/ 59		.4		.3	.1	.1	.1											8	8	4	1	
58/ 57		.3	.4	.3	.1	.1												9	9	3	4	
56/ 55		.8	.8	.5	.7													21	21	7	2	
54/ 53		.5	.9	.8	.3	.9	.3											28	28	19	3	
52/ 51	.1	1.3	.7	.1	.9	.8	.3											32	32	12	15	
50/ 49	.3	1.1	1.5	1.3	.8	.7												42	42	32	14	
48/ 47		.9	1.6	1.9	2.0	1.2	.1											58	58	22	13	
46/ 45	.1	1.5	.8	1.6	1.5	1.1	.1											50	50	29	22	
44/ 43		1.1	.7	2.7	2.3	.8												56	56	47	27	
42/ 41	.3	1.9	1.3	3.2	2.2	.9	.1											74	74	46	25	
40/ 39		.3	2.0	2.7	3.2	.9	.1											69	69	49	26	
38/ 37	.5	1.1	1.6	3.0	1.6	.3												60	60	68	26	
36/ 35	.5	.4	.7	2.4	1.6	.3												44	44	66	28	
34/ 33			.7	1.6	.9													24	24	63	34	
32/ 31	.7	.5	1.1	3.1	.3													42	42	64	60	
30/ 29		.7	.7	2.3	.3													29	29	40	37	
28/ 27		.7	.3	.8	.1													14	14	39	33	
26/ 25		.4	1.1	2.0														26	26	39	46	
24/ 23			.7	.8														11	11	23	28	
22/ 21		.3	.8	.7														13	13	16	45	
20/ 19		.4	.5															7	7	22	38	
18/ 17			.5															4	4	16	24	
16/ 15			.1															1	1	6	27	
14/ 13																				2	39	
12/ 11																				1	33	
10/ 9																					15	
8/ 7		.1																1	1		15	
6/ 5		.1																1	1	1	7	
4/ 3		.1																1	1	1	16	
2/ 1																				1	14	
Element (X)	Σ X ²	Σ X	X	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total											
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F											
Dry Bulb																						
Wet Bulb																						
Dew Point																						

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS DEC MONTH

PAGE 2 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		
0 / -1																					8		
-2 / -3																					8		
-4 / -5																					2		
-10 / -11																					2		
-14 / -15																					1		
TOTAL	2.6	15.5	20.0	32.5	19.1	8.3	1.7	.3										744	744	744			
																	744		744				

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	2841763	43831	58.9	18.691	744		18.8	.5				93
Wet Bulb	1323112	30494	41.0	9.930	744		33.9					93
Dew Point	674362	19848	26.7	13.963	744	2.6	62.3					93

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS DEC MONTH
 PAGE 1 1800-2000 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
66/ 67			.3															2	2		
66/ 65			.1															1	1		
64/ 63																					2
62/ 61		.4	.1															4	4	1	2
60/ 59		.7																5	5	4	2
58/ 57		.3	.8	.5														12	12	5	6
56/ 55		.3	.7															7	7	3	3
54/ 53	.1	1.2	1.2	.3														21	21	15	6
52/ 51	.4	.9	.9	.4	.1													21	21	18	9
50/ 49		1.6	.3	.1	.5	.1												20	20	16	16
48/ 47	.3	.9	.4	.5	.3													18	18	21	21
46/ 45	.3	3.5	1.6	.5	.7	.1												50	50	28	25
44/ 43	.3	1.9	2.6	.8	.3													43	43	28	20
42/ 41	.5	1.3	2.0	2.3	.9													53	53	33	23
40/ 39	.1	1.2	3.0	.9	.4													42	42	43	25
38/ 37	.7	1.3	3.1	2.3	1.2													64	64	40	24
36/ 35	.4	1.9	1.9	2.7	.9													58	58	56	20
34/ 33	.5	1.2	3.4	2.6	.9													64	64	53	41
32/ 31	.5	1.6	2.8	2.3	.3													56	56	46	43
30/ 29	.7	1.9	2.8	1.7														53	53	74	35
28/ 27		1.1	2.4	.9														33	33	63	41
26/ 25		1.7	1.6															25	25	44	38
24/ 23		1.1	1.7															21	21	50	25
22/ 21	.1	.3	1.5	.5														18	18	24	51
20/ 19	.3	.4	1.7	.1														19	19	15	34
18/ 17		.3	.7															7	7	20	46
16/ 15		.8	.8															12	12	13	29
14/ 13		.5																4	4	9	35
12/ 11	.3	.5																6	6	12	34
10/ 9	.1																	1	1	4	18
8/ 7	.1																	1	1	1	21
6/ 5																					10
4/ 3																					12
2/ 1		.4																3	3	2	15
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC JUN 71

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 ATLANTIC CITY NJ 73-80 YEARS DEC MONTH
 PAGE 1 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
70/ 69				.1														1	1			
68/ 67			.1															1	1			
66/ 65		.1																1	1	1		
64/ 63																				2	1	
62/ 61		.1	.3			.1												4	4		2	
60/ 59		.1				.1												2	2	3		
58/ 57		.5	.9															11	11	1	3	
56/ 55		.7	.8	.1														12	12	4	1	
54/ 53		1.5	.5	.1	.1													17	17	18	9	
52/ 51		1.2	1.1	.3														19	19	15	14	
50/ 49		1.7	.3															15	15	21	12	
48/ 47		2.3	.7	.3	.1													25	25	18	26	
46/ 45	.4	3.0	1.7	.8	.4													47	47	27	20	
44/ 43	.1	2.0	.8	.9	.5													33	33	29	26	
42/ 41	.4	1.1	1.6	.5	.1													28	28	33	20	
40/ 39	.3	1.7	1.9	1.1	.3													39	39	23	24	
38/ 37	.7	1.7	1.9	1.1	.3													42	42	42	22	
36/ 35	.1	1.5	3.0	2.2														50	50	33	15	
34/ 33	.3	2.8	2.7	.9	.1													51	51	40	31	
32/ 31	1.3	3.5	3.1	1.2	.5													72	72	65	45	
30/ 29	.1	2.6	3.5	1.2	.1													56	56	62	35	
28/ 27	.4	1.6	2.2	.7														36	36	48	35	
26/ 25	.8	3.4	3.1	.4														57	57	66	48	
24/ 23		.9	1.2	.1														17	17	46	30	
22/ 21	.3	.8	1.5															19	19	37	50	
20/ 19	.4	1.7	1.3															26	26	24	38	
18/ 17	.1	.9	.5															12	12	18	41	
16/ 15		2.0	.5															19	19	16	38	
14/ 13		.8	.5															10	10	20	15	
12/ 11	.4	.8																9	9	13	41	
10/ 9	.7	.7																10	10	16	24	
8/ 7																					15	
6/ 5																					16	
4/ 3																					20	
Element (X)	Σ X'	Σ X	X	σ _x	No. Obs.	Mean No. of Hours with Temperature																
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total										
Dry Bulb																						
Wet Bulb																						
Dew Point																						

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY NJ STATION NAME 73-80 YEARS DEC MONTH

PAGE 2 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
2/ 1																					15
5/ -1	.4																	3	3	3	2
-2/ -3																					5
-4/ -5																					5
TOTAL	7.3	41.9	35.8	12.1	2.8	.1												744	744	744	
Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_n	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	4103894	54004	72.6	15.735	744	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total									
Dry Bulb	971886	25508	34.3	11.446	744	.4	43.3	.3				93									
Wet Bulb	835699	23481	31.6	11.285	744	.4	54.3					93									
Dew Point	642842	19286	25.9	13.869	744	1.5	64.8					93									

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 93730 STATION NAME ATLANTIC CITY NJ YEARS 73-80 MONTH DEC
 PAGE 2 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	
2/-1	.1	.1																13	13	14	131	
3/-1	.2																	10	10	11	52	
-2/-3																					30	
-4/-5																					23	
-6/-7																					9	
-8/-9																					3	
-10/-11																					10	
-14/-15																					2	
-16/-17																					1	
TOTAL	5.8	33.6	28.6	19.1	8.7	3.3	.8	.2										5952	5952		5952	

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	29179026	402910	67.7	17.891	5952							
Dry Bulb	8748513	217317	36.5	11.695	5952	1.3	275.1	1.9				744
Wet Bulb	7186881	195879	32.9	11.155	5952	1.4	370.9					744
Dew Point	5176551	154951	26.0	13.857	5952	16.3	512.0					744

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY NJ STATION NAME 73-81 YEARS ALL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 97								.0										1	1		
96/ 95								.0	.0	.0	.0							21	21		
94/ 93							.0	.0	.0	.0	.0							69	69		
92/ 91						.0	.0	.0	.1	.0	.0	.0						118	118		
90/ 89					.0	.0	.1	.1	.1	.0	.0	.0						256	256		
88/ 87				.0	.0	.1	.2	.1	.1	.1	.0	.0						424	424		
86/ 85			.0	.0	.1	.3	.2	.1	.1	.0	.1	.0			.0			633	633		
84/ 83			.0	.1	.2	.2	.2	.1	.1	.1	.0	.0		.0	.0			849	849	1	
82/ 81		.0	.1	.2	.3	.3	.2	.2	.1	.1	.0	.0			.0			1083	1083	24	1
80/ 79		.0	.1	.4	.4	.4	.2	.2	.1	.1	.0	.0			.0			1399	1399	144	18
78/ 77	.0	.1	.3	.4	.4	.2	.3	.2	.1	.1	.0	.0		.0				1550	1550	444	83
76/ 75	.0	.4	.7	.7	.4	.4	.2	.2	.1	.1	.0	.0						2212	2212	1089	360
74/ 73	.1	.7	.9	.7	.4	.3	.3	.2	.1	.0	.0	.0						2611	2611	1856	855
72/ 71	.1	.9	1.1	.4	.4	.2	.2	.1	.1	.1	.0	.0						2597	2597	2323	1516
70/ 69	.2	1.1	1.2	.4	.3	.3	.2	.1	.1	.1	.0	.0						2866	2867	2896	2479
68/ 67	.3	1.0	.9	.4	.3	.2	.2	.2	.1	.1	.0	.0						2574	2574	3036	2732
66/ 65	.2	1.4	.7	.5	.3	.2	.2	.1	.1	.0	.0							2762	2762	3012	2631
64/ 63	.2	1.3	.6	.5	.3	.3	.2	.2	.1	.0	.0							2541	2541	3048	2647
62/ 61	.2	1.3	.7	.4	.3	.3	.2	.2	.1	.0	.0							2505	2506	2825	2606
60/ 59	.3	1.4	.6	.4	.3	.3	.2	.2	.0	.0	.0							2618	2618	2787	2772
58/ 57	.3	1.2	.7	.4	.3	.2	.2	.1	.0	.0								2498	2498	2707	2655
56/ 55	.3	1.2	.7	.4	.3	.3	.2	.1	.0									2483	2483	2481	2660
54/ 53	.3	1.3	.7	.4	.3	.3	.1	.1	.0	.0								2383	2383	2585	2328
52/ 51	.3	1.2	.7	.4	.3	.3	.2	.0										2361	2361	2599	2329
50/ 49	.2	1.3	.7	.5	.4	.3	.1	.0										2477	2477	2542	2361
48/ 47	.2	1.2	.6	.5	.5	.3	.1	.0										2295	2295	2519	2318
46/ 45	.2	1.1	.8	.6	.5	.3	.1											2449	2449	2395	2127
44/ 43	.2	1.1	.8	.6	.4	.2	.0											2289	2289	2397	2187
42/ 41	.2	1.0	.8	.6	.4	.1	.0											2233	2233	2554	2045
40/ 39	.3	1.0	1.0	.5	.4	.1	.0											2326	2327	2532	2000
38/ 37	.3	.9	.7	.6	.3	.0												1974	1974	2580	2214
36/ 35	.2	1.0	.8	.7	.2	.0												2025	2025	2319	2090
34/ 33	.2	.9	.9	.5	.2	.0												1872	1872	2221	2192
32/ 31	.3	1.2	.9	.8	.2													2381	2381	2112	2705
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

93730 STATION ATLANTIC CITY NJ 73-81 YEARS ALL MONTH

PAGE 2 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			
30/ 29	.3	.6	.8	.5	.0													1594	1594	2253	2010			
26/ 27	.2	.6	.6	.3	.0													1248	1248	1796	1939			
26/ 25	.1	.6	.7	.2														1109	1109	1743	1826			
24/ 23	.1	.3	.4	.1														625	625	1343	1380			
22/ 21	.1	.4	.5	.1														764	764	991	1659			
20/ 19	.2	.5	.5	.0														869	869	926	1678			
18/ 17	.1	.4	.2	.0														535	535	757	1272			
18/ 15	.1	.4	.1															431	431	667	1151			
14/ 13	.1	.3	.1															338	338	448	1123			
12/ 11	.1	.2	.0															253	253	332	1102			
10/ 9	.1	.2	.0															181	181	289	951			
8/ 7	.1	.1	.0															126	126	177	841			
6/ 5	.0	.1																72	72	103	498			
4/ 3	.0	.1																66	66	78	499			
2/ 1	.0	.1																56	56	54	505			
0/ -1	.0	.0																33	33	46	228			
-2/ -3	.0	.0																20	20	23	166			
-4/ -5	.0	.0																24	24	21	108			
-6/ -7	.0																	10	10	14	80			
-8/ -9	.0																	7	7	7	50			
-10/-11	.0																	2	2	2	48			
-12/-13																					23			
-14/-15																					29			
-16/-17																					7			
-18/-19																					5			
-20/-21																					6			
-22/-23																					3			
TOTAL	6.7	30.1	22.9	14.3	9.2	6.5	4.4	2.9	1.7	.8	.4	.2	.0	.0	.0			70098		70098				
Element (X)	Σ X ²		Σ X		Σ	Σ	No. Obs.		Mean No. of Hours with Temperature								Total							
Rel. Hum.	381532612		4994658		71.3	19.129	70098		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	220734910		3719112		53.1	18.279	70101		12.0	340.4	2409.2	403.7	523.4	11.5	8760									
Wet Bulb	183771557		3388735		48.3	16.870	70098		14.1	769.9	477.3	444.9	9.8		8760									
Dew Point	155750583		3016909		43.0	19.225	70098		93.9	2733.1	1006.1	164.8	.4		8760									

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

93730 ATLANTIC CITY NJ

73-81

STATION	STATION NAME	YEARS												
HRS (LST)		JAN	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT	NOV.	DEC	ANNUAL
00-02	MEAN	28.3	28.2	37.5	45.7	54.3	62.3	67.7	68.4	60.9	49.2	42.5	33.5	48.3
	S.D.	11.989	12.165	9.657	8.613	7.858	7.099	6.019	6.027	8.666	9.947	10.721	12.082	16.888
	TOTAL OBS	744	678	744	720	744	720	744	744	720	744	720	744	8766
03-05	MEAN	27.3	27.2	36.1	43.7	52.8	60.9	66.3	67.2	59.7	47.9	41.5	32.6	47.1
	S.D.	12.598	12.733	9.826	9.030	8.341	7.621	6.413	6.464	9.172	10.257	11.085	12.051	17.003
	TOTAL OBS	743	675	744	720	743	719	744	744	720	744	720	744	8760
06-08	MEAN	27.0	27.1	37.1	47.3	57.8	66.2	70.7	70.3	62.1	49.6	41.9	32.4	49.2
	S.D.	12.608	12.995	9.967	9.176	7.979	6.686	5.748	6.278	8.659	9.988	10.934	11.786	18.291
	TOTAL OBS	743	677	744	720	744	720	744	744	720	744	720	744	8764
09-11	MEAN	32.3	34.5	44.7	56.1	65.5	73.5	78.6	78.5	71.1	59.2	50.0	38.9	57.0
	S.D.	11.025	11.925	10.271	9.741	8.853	6.817	5.609	5.924	6.781	8.502	9.986	10.520	16.475
	TOTAL OBS	744	677	744	719	744	720	744	744	720	744	720	744	8764
12-14	MEAN	36.0	38.8	48.4	59.0	68.4	76.2	81.5	81.5	74.1	62.9	53.9	42.9	60.4
	S.D.	10.665	12.014	10.525	9.758	9.356	7.629	5.980	6.372	7.075	8.558	9.866	10.108	18.147
	TOTAL OBS	744	678	744	720	744	720	744	743	720	744	719	744	8764
15-17	MEAN	35.2	38.3	47.9	57.8	66.8	74.9	80.2	79.7	72.5	60.8	51.5	41.0	59.0
	S.D.	10.599	11.453	9.958	9.305	8.878	7.544	5.967	6.046	6.922	8.114	9.529	9.930	17.833
	TOTAL OBS	744	677	744	720	744	719	743	743	720	744	719	744	8761
18-20	MEAN	31.0	32.9	42.7	52.5	61.3	69.4	74.9	74.2	66.0	53.6	45.7	36.3	53.5
	S.D.	11.141	10.900	8.791	8.282	7.926	6.523	5.458	5.608	7.351	8.382	9.689	10.533	17.411
	TOTAL OBS	744	678	744	720	742	720	744	743	720	744	720	744	8763
21-23	MEAN	28.8	30.0	39.4	48.0	56.8	64.5	70.1	70.0	62.2	50.5	43.5	34.3	49.9
	S.D.	11.503	11.593	8.885	8.206	7.536	6.345	5.373	5.721	7.954	9.279	10.354	11.446	16.871
	TOTAL OBS	744	678	744	719	741	719	744	743	720	743	720	744	8759
ALL HOURS	MEAN	30.7	32.1	41.7	51.3	60.5	68.5	73.8	73.7	66.1	54.2	46.3	36.5	53.1
	S.D.	11.992	12.778	10.779	10.571	10.033	8.950	8.007	7.981	9.513	10.694	11.232	11.695	18.279
	TOTAL OBS	5950	5418	5952	5758	5946	5757	5951	5948	5760	5951	5758	5952	70101

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

93730 ATLANTIC CITY NJ

73-81

STATION	STATION NAME	YEARS												
HRS (LST)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
02-02	MEAN	26.4	26.1	34.7	42.3	51.8	60.0	64.9	65.8	58.4	46.8	39.8	31.0	45.8
	S.D.	11.871	11.829	9.696	8.785	8.269	7.205	6.090	6.099	8.579	10.011	10.933	11.786	16.791
	TOTAL OBS	744	678	744	720	744	720	744	744	720	744	720	744	8766
03-05	MEAN	25.5	25.5	33.6	41.0	50.8	59.2	64.1	64.9	57.6	46.0	39.1	30.3	44.9
	S.D.	12.406	12.390	9.866	9.194	8.726	7.741	6.493	6.627	9.158	10.344	11.213	11.724	16.991
	TOTAL OBS	743	675	744	720	743	719	744	744	720	744	720	744	8760
06-08	MEAN	25.3	25.4	34.3	43.4	54.0	62.7	66.8	67.0	59.4	47.3	39.5	29.9	46.4
	S.D.	12.412	12.670	9.974	9.013	8.081	6.624	5.588	6.275	8.641	10.144	11.123	11.539	17.771
	TOTAL OBS	742	677	744	720	744	720	744	744	719	744	720	744	8762
09-11	MEAN	29.4	30.7	39.0	47.9	57.6	65.6	69.6	70.3	63.7	52.9	44.7	34.7	50.6
	S.D.	10.940	11.318	9.604	8.613	8.018	6.428	5.142	5.489	6.826	8.762	10.094	10.330	16.774
	TOTAL OBS	744	677	744	719	744	720	744	744	720	744	720	744	8764
12-14	MEAN	31.8	33.3	41.2	49.3	58.8	66.2	70.3	71.1	64.5	54.2	46.5	37.0	52.1
	S.D.	10.344	10.803	9.291	8.170	7.901	6.411	5.272	5.446	6.578	8.406	9.784	9.740	16.013
	TOTAL OBS	744	678	744	720	744	720	744	743	720	744	719	744	8764
15-17	MEAN	31.3	33.0	41.0	48.7	58.0	65.5	69.8	70.4	64.0	53.2	45.3	35.8	51.4
	S.D.	10.385	10.397	8.864	7.679	7.574	6.307	5.196	5.219	6.538	8.242	9.902	9.836	15.929
	TOTAL OBS	744	677	744	720	744	719	743	743	720	743	719	744	8760
18-20	MEAN	28.6	29.6	38.1	46.0	55.6	63.4	68.1	68.4	61.4	49.6	42.0	33.0	48.7
	S.D.	11.108	10.652	8.678	7.731	7.492	6.062	5.083	5.318	7.244	8.722	10.416	10.592	16.422
	TOTAL OBS	744	678	744	720	742	720	744	743	720	744	720	744	8763
21-23	MEAN	26.8	27.7	36.1	43.8	53.5	61.4	66.4	66.7	59.3	47.6	40.6	31.6	46.9
	S.D.	11.352	11.360	9.050	8.291	7.805	6.484	5.430	5.785	7.918	9.402	10.811	11.285	16.618
	TOTAL OBS	744	678	744	719	741	719	744	743	720	743	720	744	8759
ALL HOURS	MEAN	28.1	28.9	37.2	45.3	55.0	63.0	67.5	68.1	61.0	49.7	42.2	32.9	48.3
	S.D.	11.613	11.836	9.794	8.936	8.452	7.118	5.969	6.191	8.156	9.774	10.893	11.155	16.870
	TOTAL OBS	5949	5418	5952	5758	5946	5757	5951	5948	5759	5950	5758	5952	70098

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

93730 ATLANTIC CITY NJ 73-81

STATION	STATION NAME												YEARS	
HRS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
00-02	MEAN	21.4	20.8	29.5	37.8	49.4	58.5	63.2	64.2	56.6	44.1	35.8	25.6	42.3
	S.D.	14.360	14.154	12.708	11.311	9.975	7.891	6.899	6.698	9.239	11.285	13.128	13.978	19.051
	TOTAL OBS	744	678	744	720	744	720	744	744	720	744	720	744	8766
03-05	MEAN	20.7	20.6	28.7	37.1	48.8	57.9	62.6	63.6	56.1	43.7	35.3	25.0	41.8
	S.D.	14.562	14.562	12.656	11.315	10.051	8.325	7.096	7.179	9.760	11.467	13.155	13.808	19.148
	TOTAL OBS	743	675	744	720	743	719	744	744	720	744	720	744	8760
06-08	MEAN	20.6	20.5	29.1	38.5	50.7	60.3	64.5	65.0	57.3	44.8	35.8	24.6	42.7
	S.D.	14.485	14.897	12.827	11.428	10.093	7.761	6.597	7.124	9.452	11.413	13.171	13.783	19.748
	TOTAL OBS	742	677	744	720	744	720	744	744	719	744	720	744	8762
09-11	MEAN	22.5	22.4	30.3	38.4	50.8	60.3	64.4	65.8	58.7	46.7	37.9	27.0	43.9
	S.D.	14.321	14.694	13.183	12.321	11.458	8.863	7.439	7.323	9.085	11.754	13.332	13.724	19.437
	TOTAL OBS	744	677	744	719	744	720	744	744	720	744	720	744	8764
12-14	MEAN	23.2	22.9	30.9	38.6	50.8	59.8	64.0	65.4	58.0	45.8	37.5	27.1	43.8
	S.D.	14.262	14.275	13.193	12.253	11.417	8.960	7.952	7.455	9.148	11.903	13.744	13.736	19.174
	TOTAL OBS	744	678	744	720	744	720	744	743	720	744	719	744	8764
15-17	MEAN	23.0	22.9	30.8	38.1	50.5	59.3	63.9	65.2	58.1	45.6	37.3	26.7	43.5
	S.D.	14.306	14.045	13.004	12.082	11.039	8.813	7.760	7.131	9.037	11.748	14.023	13.963	19.116
	TOTAL OBS	744	677	744	720	744	719	743	743	720	743	719	744	8760
18-20	MEAN	22.4	22.3	30.5	38.0	50.4	59.2	64.1	65.1	58.1	45.3	36.6	26.3	43.3
	S.D.	14.166	14.009	12.564	11.699	10.376	8.099	6.942	6.555	8.569	11.821	13.645	13.842	19.043
	TOTAL OBS	744	678	744	720	742	720	744	743	720	744	720	744	8763
21-23	MEAN	21.5	22.0	30.4	38.3	50.5	59.2	64.1	64.7	57.2	44.4	36.1	25.9	43.0
	S.D.	13.946	14.019	12.263	11.288	9.628	7.553	6.378	6.491	8.712	11.888	13.469	13.869	18.979
	TOTAL OBS	744	678	744	719	741	719	744	743	720	743	720	744	8759
ALL HOURS	MEAN	21.9	21.8	30.0	38.1	50.2	59.3	63.8	64.9	57.5	45.1	36.5	26.0	43.0
	S.D.	14.325	14.358	12.819	11.721	10.542	8.331	7.171	7.030	9.163	11.448	13.483	13.857	19.225
	TOTAL OBS	5949	5418	5952	5758	5946	5757	5951	5948	5759	5950	5758	5952	70098

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

93730 ATLANTIC CITY NJ 73-81 ALL
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	99.7	96.0	84.5	69.6	50.8	36.6	19.3	71.5	5949
FEB		100.0	100.0	98.4	92.7	77.8	60.6	44.4	31.8	18.1	68.1	5418
MAR		100.0	99.8	96.4	86.3	72.8	58.9	44.6	30.9	15.7	66.3	5952
APP		100.0	99.4	92.7	82.3	69.6	56.9	44.1	30.0	14.9	64.7	5758
MAY		100.0	99.7	96.4	89.9	80.7	71.1	59.9	44.6	22.7	72.5	5946
JUN		100.0	100.0	99.1	95.0	86.3	75.8	63.8	47.6	22.9	75.0	5757
JUL		100.0	100.0	99.1	95.3	87.1	74.6	60.5	42.1	16.9	73.4	5951
AUG		100.0	100.0	99.8	97.8	91.1	79.9	66.3	47.2	15.6	75.6	5948
SEP		100.0	100.0	99.8	96.5	90.3	79.7	66.1	46.9	20.0	75.8	5759
OCT		100.0	100.0	99.2	94.8	85.0	73.6	60.6	44.0	20.8	73.5	5950
NOV		100.0	100.0	99.4	92.9	82.1	69.0	53.3	36.4	17.7	70.9	5758
DEC		100.0	100.0	99.2	93.0	79.2	63.4	45.7	29.2	11.2	67.7	5952
TOTALS		100.0	99.9	98.3	92.7	82.2	69.4	55.0	38.9	18.0	71.3	70098

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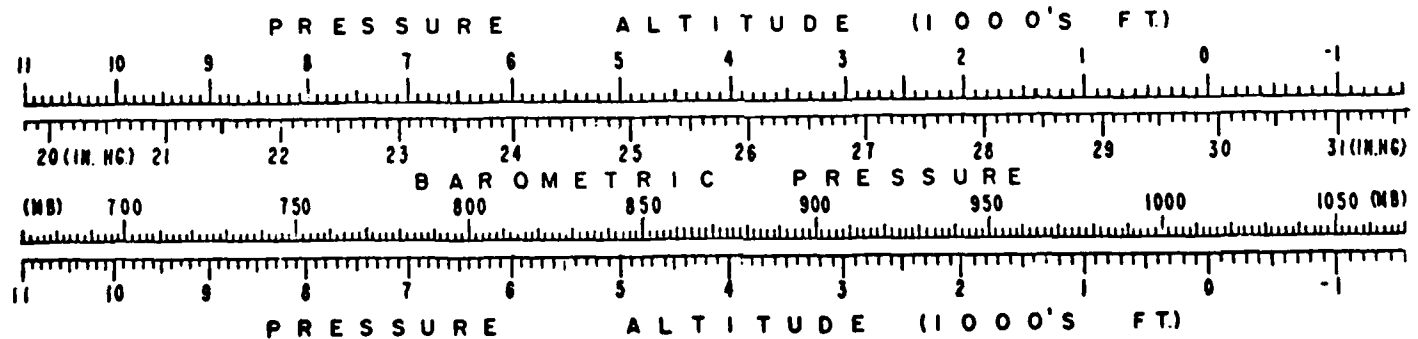
PART F PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
 Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
 METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



F

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

93730 ATLANTIC CITY NJ 73-81

STATION	STATION NAME	YEARS												
HRS. (LST)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
01	MEAN	29.958	29.970	29.930	29.923	29.891	29.929	29.919	29.972	29.989	29.995	30.003	29.986	29.955
	S.D.	.292	.281	.262	.220	.167	.170	.137	.115	.150	.212	.225	.289	.220
	TOTAL OBS	248	226	248	240	248	240	247	248	239	248	240	248	2920
04	MEAN	29.959	29.959	29.923	29.917	29.890	29.925	29.918	29.969	29.979	29.992	30.002	29.990	29.952
	S.D.	.296	.282	.257	.225	.170	.171	.137	.114	.154	.210	.224	.286	.221
	TOTAL OBS	248	225	248	240	248	240	247	248	240	248	240	248	2920
07	MEAN	29.975	29.984	29.950	29.945	29.919	29.947	29.944	29.994	30.007	30.013	30.021	30.009	29.976
	S.D.	.300	.279	.259	.237	.171	.174	.140	.119	.160	.214	.228	.288	.224
	TOTAL OBS	248	226	248	240	248	240	247	247	240	248	240	248	2920
10	MEAN	30.003	30.000	29.959	29.945	29.924	29.952	29.948	30.004	30.019	30.021	30.036	30.032	29.987
	S.D.	.300	.275	.265	.243	.172	.174	.136	.117	.160	.221	.226	.288	.225
	TOTAL OBS	248	226	247	240	248	240	248	248	238	248	240	248	2919
13	MEAN	29.940	29.954	29.913	29.911	29.896	29.930	29.927	29.979	29.986	29.979	29.986	29.976	29.948
	S.D.	.300	.275	.275	.239	.173	.175	.136	.119	.162	.223	.224	.285	.225
	TOTAL OBS	248	226	248	240	248	239	248	247	240	247	239	247	2917
16	MEAN	29.934	29.936	29.885	29.885	29.876	29.913	29.907	29.956	29.964	29.964	29.978	29.971	29.931
	S.D.	.297	.269	.273	.227	.172	.174	.136	.116	.159	.221	.222	.278	.222
	TOTAL OBS	248	226	248	240	247	240	248	247	240	248	240	248	2920
19	MEAN	29.961	29.964	29.907	29.899	29.883	29.916	29.907	29.961	29.973	29.987	30.003	29.993	29.946
	S.D.	.299	.271	.270	.224	.165	.169	.136	.118	.156	.221	.219	.280	.222
	TOTAL OBS	248	226	248	240	247	240	248	248	240	248	240	248	2921
22	MEAN	29.971	29.977	29.930	29.927	29.905	29.940	29.931	29.985	29.993	30.004	30.012	29.996	29.964
	S.D.	.291	.271	.263	.220	.163	.166	.134	.115	.152	.218	.215	.282	.218
	TOTAL OBS	248	226	248	239	247	240	248	247	240	248	240	248	2919
ALL HOURS	MEAN	29.963	29.968	29.925	29.919	29.898	29.932	29.925	29.978	29.989	29.994	30.005	29.994	29.957
	S.D.	.297	.275	.266	.230	.170	.172	.137	.117	.157	.218	.223	.285	.223
	TOTAL OBS	1984	1807	1983	1919	1981	1919	1981	1980	1917	1983	1919	1983	23356

GLOBAL CLIMATOLOGY BRANCH
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 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

93730 ATLANTIC CITY NJ 73-81

STATION	STATION NAME	YEARS												
HRS (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
C1	MEAN	1017.0	1017.4	1016.0	1015.8	1014.8	1016.0	1015.7	1017.5	1018.0	1018.2	1018.5	1017.9	1016.9
	S. D.	9.921	9.528	8.863	7.489	5.689	5.800	4.680	3.936	5.153	7.228	7.632	9.829	7.488
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	2922
C4	MEAN	1017.0	1017.0	1015.7	1015.6	1014.6	1015.8	1015.6	1017.3	1017.7	1018.1	1018.4	1018.1	1016.7
	S. D.	10.097	9.625	8.747	7.698	5.803	5.842	4.712	3.927	5.312	7.197	7.664	9.786	7.544
	TOTAL OBS	248	225	248	240	248	240	248	248	240	248	240	248	2921
C7	MEAN	1017.6	1017.9	1016.7	1016.6	1015.7	1016.7	1016.5	1018.2	1018.6	1018.9	1019.1	1018.7	1017.6
	S. D.	10.192	9.443	8.785	8.070	5.846	5.904	4.753	4.019	5.420	7.264	7.739	9.769	7.588
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	2922
10	MEAN	1018.5	1018.4	1017.0	1016.5	1015.8	1016.7	1016.6	1018.5	1019.0	1019.1	1019.6	1019.5	1017.9
	S. D.	10.250	9.410	9.057	8.289	5.911	5.971	4.685	4.038	5.551	7.590	7.750	9.840	7.714
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	2922
13	MEAN	1016.4	1016.8	1015.5	1015.4	1014.9	1016.1	1015.9	1017.7	1018.0	1017.7	1018.0	1017.5	1016.6
	S. D.	10.168	9.351	9.391	8.118	5.910	5.952	4.647	4.043	5.508	7.621	7.650	9.758	7.664
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	2922
16	MEAN	1016.2	1016.2	1014.4	1014.4	1014.1	1015.4	1015.2	1016.9	1017.1	1017.1	1017.6	1017.4	1016.0
	S. D.	10.118	9.189	9.293	7.787	5.842	5.930	4.677	4.001	5.432	7.570	7.579	9.500	7.580
	TOTAL OBS	248	226	248	240	248	240	248	248	240	248	240	248	2922
19	MEAN	1017.1	1017.2	1015.3	1014.9	1014.4	1015.5	1015.3	1017.1	1017.5	1018.0	1018.5	1018.2	1016.6
	S. D.	10.161	9.190	9.156	7.595	5.596	5.745	4.628	4.003	5.306	7.493	7.419	9.510	7.524
	TOTAL OBS	248	226	248	240	247	240	248	248	240	248	240	248	2921
22	MEAN	1017.4	1017.6	1016.0	1015.9	1015.1	1016.3	1016.0	1017.8	1018.1	1018.5	1018.8	1018.3	1017.1
	S. D.	9.968	9.248	8.959	7.499	5.576	5.693	4.596	3.970	5.236	7.476	7.367	9.691	7.452
	TOTAL OBS	248	226	248	239	247	240	248	247	240	248	240	248	2919
ALL HOURS	MEAN	1017.1	1017.3	1015.8	1015.6	1014.9	1016.1	1015.8	1017.6	1018.0	1018.2	1018.6	1018.2	1016.9
	S. D.	10.115	9.376	9.050	7.839	5.789	5.863	4.689	4.019	5.386	7.442	7.610	9.714	7.590
	TOTAL OBS	1984	1807	1984	1919	1982	1920	1984	1983	1920	1984	1920	1984	23371

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