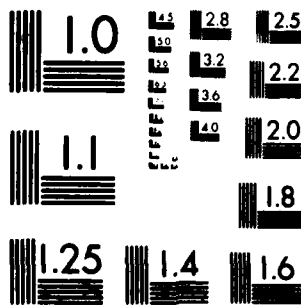




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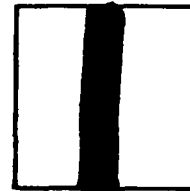


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1. REPORT NUMBER USAFETAC/DS- 81/093	2. GOVT ACCESSION NO. AD-A110 238	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Andrews AFB, Washington DC (MARYLAND)		5. TYPE OF REPORT & 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 15 OCT 81
		13. NUMBER OF PAGES p. 4 00
14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)		15. SECURITY CLASS. (of this report)  UNCLASSIFIED
		15a. DECLASSIFICATION/DOWNGRADING SCHEDULE
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17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		
18. SUPPLEMENTARY NOTES		
19. KEY WORDS (Continue on reverse side if necessary and identify by block number)		
*RUSSWO Snowfall Climatology Surface Winds Relative humidity	Daily temperature Extreme snow depth Sea-level pressure Extreme temperature *Climatological data	Atmospheric pressure Extreme surface winds Psychrometric summary Ceiling versus visibility (over)
20. ABSTRACT (Continue on reverse side if necessary and identify by block number)		
This report is a six-part statistical summary of surface weather observations for Andrews AFB, Washington DC, (MARYLAND)		
It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over))		

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UNCLASSIFIED

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

\* Maryland

\*

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.

UNCLASSIFIED

# REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

## HOURLY OBSERVATIONS

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

## DAILY OBSERVATIONS

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

## DESCRIPTION OF SUMMARIES

This section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Service and those 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, 1200-1500, 1500-1800, 1800-2100, 2100-2400 hours local standard time.

## MISSING HOUR GROUPS

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

JANUARY \_\_\_\_\_

APRIL \_\_\_\_\_

JULY \_\_\_\_\_

OCTOBER \_\_\_\_\_

FEBRUARY \_\_\_\_\_

MAY \_\_\_\_\_

AUGUST \_\_\_\_\_

NOVEMBER \_\_\_\_\_

MARCH \_\_\_\_\_

JUNE \_\_\_\_\_

SEPTEMBER \_\_\_\_\_

DECEMBER \_\_\_\_\_

STATION NO. ON SUMMARY 13705	STATION NAME Andrews AFB WASHINGTON DC	LATITUDE N 38 49	LONGITUDE W 076 52	FIELD ELEV. (FT.) 279	CALL SIGN ADW	WMO NUMBER 74594
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### STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE NSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT. BARO.	
1	Camp Springs AAF, Washington, DC	AAF	Jun 43	Feb 44	N 38 41	W 076 53	279	282	24
2	Andrews Field Washington, DC	AAF	Mar 44	Dec 47	N 38 49	Same	Same	Same	24
3	Andrews AFB/Camp Springs, MD	AFB	Jan 48	May 54	Same	Same	Same	Same	24
4	Same	Same	Jun 54	Oct 61	Same	W 076 51	Same	Same	24
5	Same	Same	Nov 61	Jul 72	Same	Same	Same	Same	24
6	Same	Same	Aug 72	Aug 78	Same	Same	Same	Same	24
7	Same	Same	Sep 78	Aug 81	Same	W 076 52	Same	275	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	Jun 43	Located on W side of hangar.	Anemometer	N/A	N/A	
2	Mar 44	Located on top of hangar.	Selsyn	ML-144B	50 ft	
3	Jan 48	Located on top of hangar, 1320 ft N of station.	Same	Same	Same	
4	Apr 55	Same	Same	Same	60 ft	
5	Sep 56	1. Located on top of hangar, 200 ft from weather station. 2. Located at remote ROS on top of control tower cab, 1 1/4 miles from weather station.	Same	Same	68 ft	
6	Mar 59	1. Located on top of hangar, 1600 ft from Base Weather Station. 2. Same	AN/GMQ-1	ML-204B	110 ft	
			Same	Same	Same	
			Same		Same	

NUMBER OF STATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT. ABOVE GROUND	
7	Nov 61	1. Located on surface 450 ft NW of WOSB.	Same	Same	12 ft	
		2. Located in center between parallel runways 01 L&R and 19 L&R on southern sector of the Base.	AN/GMO-11	RO-2	13 ft	
8	Mar 63	1. Located in center between parallel runways 01 L&R and 19 L&R 300 ft S of N end of runways.	Same	Same	Same	
		2. Located in center between parallel runways 01L7R and L9 L&R 300 ft N of S end of runways.	Same		Same	
9	Mar 66	1. Same 1500 ft S of N end of runways.	Same	Same	Same	
		2. Same 1500 ft N of S end of runways.	Same		Same	
0	Mar 69	1. Same	Same	RO-362	Same	
		2. Same	Same		Same	
1	Jul 70	1. Located 540 ft E of centerline, 1203 ft from end of runway 19R.	AN/GMO-20	Same	Same	
		2. Located 807 ft W of centerline 1414 ft from end of runway 01R.	Same		Same	

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.

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

13785

ANDREWS AFB MD

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02		9.2	1.2	4.7		14.3	14.8	2.3	.5		16.9	930
	03-05		8.7	.8	4.8		13.9	15.6	3.0	.1		17.0	930
	06-08		8.3	.9	5.4		14.0	19.6	6.5			22.9	930
	09-11		7.8	1.5	6.9		15.5	17.3	11.4	.2		26.7	930
	12-14		7.7	1.8	7.2		14.1	17.6	9.4	.2		24.8	930
	15-17	.1	8.4	.9	5.5	.1	14.3	13.2	8.9	.2		22.3	930
	18-20	.1	8.4	.4	4.7		13.3	12.4	4.8	.3		16.9	930
	21-23		7.4	.8	3.8		11.7	12.0	2.6	.2		14.1	930
TOTALS		.0	8.2	.9	5.4	.0	14.0	14.7	6.1	.2		19.9	7440



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

13705  
 STATION

ANDREWS AFB MD  
 STATION NAME

70,73-81  
 YEARS

FEB  
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02		6.6	1.3	2.7		9.9	14.5	3.9	.5		17.5	846
	03-05		7.2	1.5	2.6		11.2	16.2	5.1	.8		20.6	846
	06-08		6.5	1.5	3.1		10.6	17.8	7.4	.4		24.0	846
	09-11		7.9	1.1	5.4		13.7	16.8	16.4	.7		25.3	846
	12-14		7.8	.8	4.3		12.4	11.7	10.3	.4		20.8	846
	15-17	.1	7.9	.7	5.0		13.5	10.2	10.8	.6		19.4	846
	18-20		8.2	.4	5.3		13.8	11.5	6.5	.6		17.4	846
	21-23		7.3	.1	4.8		12.2	12.1	2.8	.9		15.5	846
TOTALS		.0	7.4	.9	4.1		12.2	13.9	7.2	.6		20.0	6768

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

13705

ANDREWS AFB MD

70,73-81

MAR

STATION

STATION NAME

YEARS

MONTH

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

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02		11.2	.1	1.7		12.7	14.3	2.8			16.2	930
	03-05		12.4	.2	2.5	.1	14.6	18.8	1.5			19.7	930
	06-08	.1	14.7		3.1	.2	17.5	23.8	8.9			29.2	930
	09-11		13.2	.3	2.6	.1	15.9	16.5	11.9	.1		26.0	930
	12-14	.2	12.0	.3	2.0		14.1	12.3	8.7			19.4	930
	15-17	.6	10.2	.4	1.9		12.2	10.4	7.8			16.7	930
	18-20	.3	10.9	.2	2.3	.1	12.7	10.1	6.3			15.7	930
	21-23	.4	10.5	.3	1.7	.1	11.9	12.4	3.5			14.8	930
TOTALS		.2	11.9	.2	2.2	.1	14.0	14.8	6.4	.0		19.7	7440

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

13705  
 STATION

ANDREWS AFB MD  
 STATION NAME

70, 73-81  
 YEARS

APR  
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02	.4	9.7				9.7	11.4	3.0			13.8	900
	03-05	.3	10.1				10.1	13.1	3.7			15.9	900
	06-08	.2	12.8				12.8	18.8	12.8			28.1	900
	09-11	.1	12.2		.2	.1	12.4	10.3	9.6			18.7	900
	12-14	.6	11.1		.2		11.3	8.0	7.4			14.1	900
	15-17	.6	8.8			.1	8.8	6.9	8.3			13.7	900
	18-20	1.3	10.2		.2		10.3	7.2	6.6			12.8	900
	21-23	1.0	10.3				10.3	9.1	4.3			11.9	900
TOTALS		.6	10.7		.1	.0	10.7	10.5	7.0			16.1	7200

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

13705

ANDREWS AFB MD

70,73-81

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02	.5	11.6				11.6	21.8	12.0			29.5	930
	03-05		12.5				12.5	31.1	13.8			38.1	930
	06-08	.1	12.4				12.4	32.8	25.3			47.8	930
	09-11	.4	11.7				11.7	14.0	24.5			34.3	930
	12-14	1.5	9.9			.1	9.9	8.5	19.4			25.7	930
	15-17	3.0	12.3				12.3	6.9	18.8			24.6	930
	18-20	1.9	11.0				11.0	10.6	18.9			26.1	928
	21-23	1.9	11.1				11.1	16.4	14.6			25.7	927
TOTALS		1.2	11.6			.0	11.6	17.8	18.4			31.5	7435

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

13705  
 STATION

ANDREWS AFB MD  
 STATION NAME

69-70,73-80  
 YEARS

JUN  
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	1.3	6.1				6.1	15.4	20.8			30.0	900
	03-05	1.2	6.3				6.3	27.6	21.7			38.3	900
	06-08		5.4				5.4	27.3	36.3			49.7	900
	09-11	.1	4.4				4.4	8.2	32.4			37.1	900
	12-14	1.2	5.8				5.8	3.6	27.7			30.2	900
	15-17	2.8	6.7				6.7	3.3	27.3			29.0	900
	18-20	4.4	7.3				7.3	5.8	29.8			32.4	900
	21-23	3.2	5.3				5.3	9.1	24.4			29.3	900
TOTALS		1.8	5.9				5.9	12.5	27.6			34.5	7200





GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

13705

ANDREWS AFB MD

69-70,73-80

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02	.6	6.6				6.6	21.6	22.2			34.4	900
	03-05	.2	7.7				7.7	28.6	22.6			39.7	900
	06-08	.2	7.7				7.7	36.7	34.4			53.8	900
	09-11	.1	7.0				7.0	10.9	33.4			40.1	900
	12-14	.4	5.6				5.6	4.9	27.3			31.4	900
	15-17	1.6	8.1				8.1	5.3	23.2			27.9	900
	18-20	2.1	7.8				7.8	8.2	23.8			29.4	900
	21-23	.9	7.8				7.8	13.4	21.3			29.3	900
TOTALS		.8	7.3				7.3	16.2	26.0			35.8	7200





GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

13705  
 STATION

ANDREWS AFB MD  
 STATION NAME

69-70, 73-80  
 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	00-02		12.4		.7		13.1	16.8	5.9			20.8	900
	03-05		10.7		.9		11.6	19.7	6.7			24.3	900
	06-08		10.0		.6		10.4	27.9	14.3			35.4	900
	09-11	.1	10.3		.6	.2	11.1	19.8	17.2			33.6	900
	12-14		10.3		.6	.1	10.8	12.3	13.9			24.2	900
	15-17	.7	10.8		.2		11.0	11.4	11.3			21.6	900
	18-20	.3	9.7		.4		10.1	12.4	8.7			20.3	900
	21-23		9.9		.3		10.2	15.0	7.1			21.0	900
TOTALS		.1	10.5		.5	.0	11.0	16.9	10.6			25.2	7200



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**WEATHER CONDITIONS**

1975      ANDREWS AFB MD      69-70,73-81      ALL  
 STATION      STATION NAME      YEARS      MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER  
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.0	8.2	.9	5.4	.0	14.0	14.7	6.1	.2		19.9	7440
FEB		.0	7.4	.9	4.1		12.2	13.9	7.2	.6		20.0	6768
MAR		.2	11.9	.2	2.2	.1	14.0	14.8	6.4	.0		19.7	7440
APR		.6	10.7		.1	.0	10.7	10.5	7.0			16.1	7200
MAY		1.2	11.6			.0	11.6	17.8	18.4			31.5	7435
JUN		1.8	5.9				5.9	12.5	27.6			34.5	7200
JUL		2.3	6.9			.0	6.9	15.5	43.9			50.5	7440
AUG		2.3	6.3				6.3	14.8	45.8			51.3	7440
SEP		.8	7.3				7.3	16.2	26.0			35.8	7200
OCT		.3	9.2		.1		9.2	15.5	12.1			24.2	7440
NOV		.1	10.5		.5	.0	11.0	16.9	10.6			25.2	7200
DEC		.1	10.5	.2	2.3	.0	12.8	13.8	6.7	.3		19.6	7435
TOTALS		.8	8.9	.2	1.2	.0	10.2	14.7	18.2	.1		29.0	87638

## 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.

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

XXX **WEATHER CONDITIONS**  
 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX  
 ATMOSPHERIC PHENOMENA

1775 STATION      ANDREWS AFB MD STATION NAME      46-81 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	.7	35.5	5.3	22.6		45.6	38.0	41.4	1.8		56.6	1113
FEB		.8	35.9	4.5	22.5	.2	45.3	37.8	42.5	2.6		55.9	1017
MAR		4.2	44.3	1.2	14.2	.4	47.0	37.9	37.3	.4		52.0	1116
APR		8.7	49.6	.2	2.4	.6	45.9	36.2	35.5			49.0	1079
MAY		16.8	53.9		.2	.5	49.8	47.3	47.3			60.0	1116
JUN		20.6	44.6			.5	40.9	47.9	57.2			67.3	1050
JUL		24.4	46.2			.4	42.3	47.3	65.8		.1	71.4	1084
AUG		21.0	42.5			.1	38.9	55.1	71.4		.1	79.0	1085
SEP		8.3	36.8			.2	33.8	50.7	59.0			67.5	1050
OCT		3.4	35.3		.6		32.4	47.5	51.9			63.3	1085
NOV		1.5	39.2		6.4	.2	39.1	41.5	43.0			56.5	1050
DEC		.6	36.9	3.2	15.5		41.8	37.5	40.9	.6		55.7	1085
TOTALS		9.2	41.7	1.2	7.0	.3	41.9	43.7	49.4	.4	.0	61.1	12930

USAFETAC FORM 32764 0-10-5(OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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## 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  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
 PRECIPITATION  
 (FROM DAILY OBSERVATIONS)

1275      ANDREWS AFB MD      43-61  
 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	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
	SNOWFALL	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	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	51.9	15.3	1.9	6.7	3.9	6.7	7.1	4.5	2.0					32.9	1178	3.15	8.02	.27
FEB	52.5	17.0	3.0	4.7	3.0	7.0	5.9	5.1	1.8					30.4	1074	2.70	6.70	.42
MAR	43.9	15.8	2.5	6.1	4.2	7.9	5.8	6.1	2.7					35.3	1178	3.65	6.62	1.12
APR	49.3	16.8	2.9	6.2	4.1	7.2	7.4	4.1	1.8	.1				33.9	1140	2.92	7.15	1.00
MAY	45.3	17.2	2.9	6.6	4.7	8.1	6.4	4.9	3.2	.3				37.0	1178	3.95	11.32	.95
JUN	54.5	13.9	3.3	5.6	3.3	5.5	6.4	4.3	2.8	.4				31.6	1122	3.62	10.54	.56
JUL	52.6	14.9	2.5	5.4	2.7	7.6	5.5	4.6	3.9	.3				32.5	1178	3.35	14.29	.55
AUG	57.1	12.8	2.8	5.5	3.0	5.8	4.3	4.2	4.1	.3	.2			30.1	1178	4.50	14.16	.36
SEP	61.3	12.5	3.4	3.7	2.6	5.3	4.3	3.8	2.2	.8	.1			26.1	1140	3.68	12.61	.56
OCT	64.7	12.5	1.5	4.3	2.4	3.0	5.1	3.5	2.6	.4				22.8	1178	3.29	7.52	TRACE
NOV	56.6	13.5	3.3	5.4	3.8	5.8	5.2	3.1	3.1	.4				29.9	1140	3.20	7.08	.19
DEC	56.7	14.3	1.8	4.8	3.1	6.5	5.0	4.7	3.0	.1				28.9	1178	3.43	6.85	.47
ANNUAL	54.3	14.7	2.6	5.4	3.4	6.4	5.7	4.4	2.8	.3	.0			30.9	13861	42.44		

GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
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**EXTREME VALUES**  
 PRECIPITATION

(FROM DAILY OBSERVATIONS)

1375 ANDREWS AFB MD  
STATION STATION NAME

43-81  
YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43						.49	2.03	.12	2.37	2.55	1.43	1.21	
44	1.89	.56	1.04	1.41	1.01	1.60	1.20	7.05	2.30	1.46	1.86	1.25	7.05
45	.71	.79	.75	1.42	.77	1.67	2.98	2.21	3.00	.50	1.28	1.24	3.00
46	.71	1.50	.37	1.52	3.07	.59	1.77	1.21	1.42	.78	1.03	1.37	3.07
47	1.08	.73	.35	1.03	1.95	3.37	1.02	1.38	.74	1.09	2.60	.83	3.37
48	1.63	.76	1.55	1.09	1.08	1.11	1.59	2.41	.93	2.38	1.23	2.26	2.41
49	1.43	.43	.91	.59	1.31	1.03	1.74	1.17	.90	1.02	.15	.51	1.74
50	.52	.54	1.14	.93	1.33	.94	2.05	1.59	4.07	1.14	2.23	1.29	4.07
51	.85	.87	1.09	.92	1.23	2.11	.93	.95	.88	.50	1.22	1.30	2.11
52	.90	.97	1.01	1.45	.76	.79	2.03	1.92	3.61	.43	3.12	.77	3.61
53	.99	1.02	1.76	.90	2.99	1.63	1.36	1.18	3.18	2.71	.64	.96	3.18
54	1.21	.79	1.06	.80	1.72	.56	.81	1.16	.20	1.45	.53	.87	1.72
55	.15	.87	.78	.81	.65	1.47	1.96	6.40	.43	2.89	.75	.16	6.40
56	.70	.89	1.24	.74	.61	1.19	2.11	1.93	1.87	1.04	1.53	.64	2.04
57	.37	.86	.70	.35	.41	1.66	.37	1.88	.84	1.63	1.19	1.37	1.88
58	1.21	1.36	1.33	.90	.58	.97	2.81	3.16	.86	1.81	1.32	1.55	3.16
59	.78	.76	.91	1.15	.60	1.19	1.99	.97	.39	.93	1.03	1.38	1.99
60	1.18	.90	1.14	1.27	2.13	.40	.95	1.45	2.48	1.22	.43	1.08	2.48
61	.56	1.05	.90	.72	.47	.99	2.19	1.52	.35	1.49	.37	.66	2.19
62	1.12	1.15	.92	1.15	1.15	1.10	.35	.31	.82	1.63	1.34	1.11	1.63
63	.47	1.08	1.15	.40	.38	2.58	.69	3.35	1.74	TRACE	2.51	.69	3.35
64	1.21	.63	.60	.56	.51	.39	1.74	1.47	1.76	1.08	1.43	.97	1.76
65	1.43	1.24	1.90	.34	.60	.83	1.98	1.71	.88	.81	.12	.25	1.98
66	.98	1.19	.88	1.03	1.12	.41	.24	.68	3.33	2.87	1.95	.64	3.33
67	.29	.56	1.47	.25	.98	.39	1.61	1.17	.61	.79	.91	.99	1.61
68	2.27	.35	1.44	.44	1.84	1.21	.90	1.62	2.61	1.14	1.12	.82	2.61
69	.89	.84	.39	.46	.69	1.30	2.37	2.40	1.17	.74	1.04	1.87	2.40
70	.54	.89	.89	2.67	1.02	.45	2.09	.71	.46	1.63	2.66	1.34	2.67
71	1.90	1.39	1.07	1.65	1.75	.63	1.06	4.62	1.02	2.38	1.88	1.59	4.62
72	.53	1.72	.58	1.48	1.16	3.93	.94	.51	.83	1.78	1.75	1.40	3.93
MEAN													
S. D.													
TOTAL OBS													

NOTE \* (BASED ON LESS THAN FULL MONTHS)

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



GLOBAL CLIMATOLOGY BRANCH  
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 AIR WEATHER SERVICE/MAC

**EXTREME VALUES**  
 MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

13705 ANDREWS AFB MD 43-81  
 STATION STATION NAME YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43						* .56	3.59	.36	3.75	3.92	3.07	1.51	
44	3.03	1.98	5.77	3.77	1.84	3.71	3.66	8.12	4.55	3.48	3.74	3.06	46.71
45	2.33	2.72	1.12	2.99	3.42	4.89	14.29	4.81	7.20	1.33	4.90	5.29	55.29
46	2.26	3.72	1.64	2.12	11.32	2.13	6.53	2.59	2.91	3.15	1.60	2.39	42.36
47	3.87	1.31	1.58	2.93	6.31	10.54	3.92	1.95	2.58	1.15	6.47	1.55	44.16
48	4.57	1.36	5.10	2.48	5.65	3.49	4.59	9.09	3.07	4.60	5.23	6.65	55.88
49	5.96	2.18	3.50	2.35	5.66	1.92	3.49	3.36	2.09	2.86	.47	2.02	35.86
50	1.80	2.18	4.12	1.64	5.22	2.27	6.55	2.92	9.03	2.50	2.71	3.09	44.03
51	2.62	2.11	3.77	3.79	2.63	7.62	3.17	2.07	1.47	1.85	4.19	5.33	39.92
52	4.73	2.19	4.61	7.15	3.77	2.57	4.04	7.29	5.41	.77	6.73	3.55	52.81
53	3.72	2.74	6.62	3.34	9.22	4.04	2.20	2.74	4.30	4.07	1.49	3.36	47.84
54	3.08	1.03	3.76	2.58	3.26	.98	1.99	3.29	.56	3.72	2.02	2.69	28.96
55	.27	3.67	3.66	2.46	2.25	3.46	3.34	14.18	1.30	6.61	1.50	.47	43.17
56	2.79	2.92	4.54	2.17	1.71	3.37	7.34	3.18	4.45	4.55	3.63	2.30	42.95
57	2.33	2.78	2.95	1.00	.98	5.64	.55	2.36	3.42	2.94	3.80	6.49	35.24
58	3.21	4.72	5.31	4.94	2.59	3.38	11.66	6.81	2.31	2.99	2.65	2.10	52.67
59	2.56	2.36	2.72	4.08	2.58	1.78	6.72	2.39	.81	3.41	2.44	4.10	35.95
60	3.18	3.99	2.52	3.44	5.22	.77	3.19	6.34	5.07	2.74	1.10	2.13	39.69
61	2.09	3.76	3.35	2.16	1.62	3.30	3.92	2.99	.91	2.72	1.52	2.74	31.08
62	2.07	3.71	3.92	3.60	2.87	3.06	1.08	.37	2.54	1.95	5.12	3.35	33.64
63	1.92	2.28	5.54	1.31	.95	8.90	1.43	4.47	3.70	TRACE	7.08	1.92	39.50
64	4.58	2.97	2.24	3.84	.99	.96	3.52	1.61	5.98	1.93	1.88	3.11	33.61
65	3.84	2.29	4.14	1.65	1.53	2.13	5.07	4.65	2.37	1.58	.19	.58	30.02
66	3.89	3.48	1.30	3.71	3.25	1.90	.64	1.50	6.90	4.12	2.75	2.42	35.86
67	.68	1.63	3.65	1.02	3.75	.99	4.08	7.53	.73	1.68	1.92	5.05	32.71
68	3.37	.42	5.31	1.11	4.35	5.85	2.12	4.62	3.88	3.52	3.65	2.75	40.95
69	2.24	2.65	1.95	1.86	1.61	4.22	8.29	7.56	2.56	1.36	2.07	6.85	43.22
70	1.25	2.85	3.37	6.21	3.33	2.32	5.12	2.46	1.13	2.69	6.20	3.82	40.75
71	4.18	5.38	2.65	3.12	7.71	1.89	4.21	11.95	2.95	7.26	4.15	2.41	57.86
72	2.66	6.70	2.30	4.02	6.86	8.82	2.98	1.50	2.05	3.73	6.88	5.12	53.62
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

# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
 SNOWFALL  
 (FROM DAILY OBSERVATIONS)

17709 ANDREWS AFB MD 46-81  
 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	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	77.4	13.0	2.3	3.2	1.3	.6	1.0	.7	.4					9.6	1116	5.9	26.5	TRACE
FEB	77.4	14.4	1.7	2.5	1.4	.6	.4	1.0	.6	.2				8.3	1017	5.9	31.3	TRACE
MAR	85.3	9.4	1.2	1.3	.7	1.1	.4	.2	.3	.2				5.3	1116	3.9	27.6	.0
APR	97.7	1.9	.2	.1		.1								.4	1080	.1	2.8	.0
MAY	99.8	.2													1116	TRACE	TRACE	.0
JUN	100.0														1050	.0	.0	.0
JUL	100.0														1084	.0	.0	.0
AUG	100.0														1085	.0	.0	.0
SEP	100.0														1050	.0	.0	.0
OCT	99.4	.5					.1							.1	1085	.1	3.8	.0
NOV	94.1	4.0	.6	.6	.2	.1	.3	.1		.1				1.9	1050	1.2	11.1	.0
DEC	84.8	9.6	1.6	1.4	1.1	.6	.3	.5	.3					5.6	1085	3.5	17.5	.0
ANNUAL	93.7	4.4	.6	.8	.4	.3	.2	.2	.1	.0				2.6	12934	20.6		

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

**EXTREME VALUES**

**SNOWFALL**

(FROM DAILY OBSERVATIONS)

13705 STATION      ANDREWS AFB MD      STATION NAME      46-81      YEARS

24 HOUR AMOUNTS IN INCHES

YEAR	MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
46		5.4	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	5.4
47		5.2	7.3	3.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	7.3
48		5.5	4.5	.7	.0	.0	.0	.0	.0	.0	.0	.0	2.1	5.5
49		1.9	1.5	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	1.9
50		.1	TRACE	3.0	TRACE	.0	.0	.0	.0	.0	.0	2.6	1.9	3.0
51		TRACE	2.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	2.5	2.5
52		TRACE	TRACE	2.0	.0	.0	.0	.0	.0	.0	.0	3.6	1.9	3.6
53		.1	TRACE	1.7	TRACE	.0	.0	.0	.0	.0	.0	5.4	TRACE	5.4
54		8.0	TRACE	TRACE	TRACE	TRACE	.0	.0	.0	.0	TRACE	.0	1.3	8.0
55		1.5	4.4	TRACE	.0	.0	.0	.0	.0	.0	.0	1.6	.4	4.4
56		3.5	TRACE	3.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.1	3.5
57		2.0	2.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	10.4	10.4
58		1.6	13.6	10.7	.0	.0	.0	.0	.0	.0	.0	TRACE	1.1	13.6
59		3.2	TRACE	TRACE	2.8	.0	.0	.0	.0	.0	.0	TRACE	3.0	3.2
60		3.8	4.7	12.9	.0	.0	.0	.0	.0	.0	.0	TRACE	5.0	12.9
61		5.6	9.2	TRACE	TRACE	.0	.0	.0	.0	.0	.0	1.2	1.8	9.2
62		1.3	2.3	6.7	.0	.0	.0	.0	.0	.0	.0	.4	6.1	6.7
63		2.4	1.2	.4	.0	TRACE	.0	.0	.0	.0	.0	.7	6.0	6.0
64		9.6	6.3	3.8	.5	.0	.0	.0	.0	.0	.0	TRACE	3.2	9.6
65		5.2	1.5	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.3	5.2
66		9.7	6.4	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	6.7	9.7
67		2.0	7.1	1.3	.0	.0	.0	.0	.0	.0	.0	11.1	2.3	11.1
68		.9	1.7	2.5	.0	.0	.0	.0	.0	.0	.0	4.2	TRACE	4.2
69		.2	4.5	2.6	.0	.0	.0	.0	.0	.0	.0	TRACE	4.1	4.5
70		2.8	3.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	3.6	3.6
71		5.7	.5	.3	.4	.0	.0	.0	.0	.0	.0	TRACE	TRACE	5.7
72		TRACE	7.2	TRACE	.4	.0	.0	.0	.0	.0	TRACE	TRACE	.0	7.2
73		TRACE	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	7.9	7.9
74		TRACE	4.8	1.5	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	4.8
75		6.0	4.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	6.0
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)

13705 STATION      ANDREWS AFB MD STATION NAME      46-81 YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
46	6.2	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	10.9
47	5.2	10.9	6.7	.0	.0	.0	.0	.0	.0	.0	.0	2.3	25.1
48	8.7	6.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	16.8
49	2.9	2.9	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	5.8
50	.1	TRACE	3.0	TRACE	.0	.0	.0	.0	.0	.0	3.0	2.9	9.0
51	TRACE	2.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	3.3	5.3
52	TRACE	TRACE	2.0	.0	.0	.0	.0	.0	.0	.0	4.0	2.0	8.0
53	.1	TRACE	2.8	TRACE	.0	.0	.0	.0	.0	.0	5.6	TRACE	8.5
54	18.0	TRACE	TRACE	TRACE	TRACE	.0	.0	.0	.0	TRACE	.0	1.6	19.6
55	2.0	8.1	TRACE	.0	.0	.0	.0	.0	.0	.0	1.6	.4	12.1
56	9.4	TRACE	3.7	TRACE	.0	.0	.0	.0	.0	.0	.0	.1	13.2
57	7.8	3.5	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	13.5	24.8
58	3.0	22.2	27.6	.0	.0	.0	.0	.0	.0	.0	TRACE	1.2	54.0
59	5.7	TRACE	TRACE	2.8	.0	.0	.0	.0	.0	.0	TRACE	5.6	14.1
60	3.8	10.4	22.4	.0	.0	.0	.0	.0	.0	.0	TRACE	9.0	45.6
61	13.1	12.4	TRACE	TRACE	.0	.0	.0	.0	.0	.0	2.2	3.1	30.8
62	2.2	7.2	11.0	.0	.0	.0	.0	.0	.0	.0	.4	16.4	37.2
63	3.4	1.3	.4	.0	TRACE	.0	.0	.0	.0	.0	.9	7.4	13.4
64	13.7	9.9	8.0	.5	.0	.0	.0	.0	.0	.0	TRACE	3.2	35.3
65	11.8	1.5	5.6	.0	.0	.0	.0	.0	.0	.0	.0	.3	19.2
66	26.5	10.2	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	17.5	54.2
67	2.0	17.3	1.6	.0	.0	.0	.0	.0	.0	.0	11.1	4.3	36.3
68	1.6	1.7	3.6	.0	.0	.0	.0	.0	.0	.0	8.2	TRACE	15.1
69	.2	4.8	9.8	.0	.0	.0	.0	.0	.0	.0	TRACE	4.3	19.1
70	6.5	3.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	4.4	13.9
71	6.4	.8	.6	.4	.0	.0	.0	.0	.0	.0	TRACE	TRACE	8.2
72	TRACE	17.6	TRACE	.4	.0	.0	.0	.0	.0	TRACE	TRACE	.0	18.0
73	TRACE	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	12.1	12.1
74	TRACE	6.0	1.5	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	7.5
75	7.5	5.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	14.5
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

# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
 SNOW DEPTH  
 (FROM DAILY OBSERVATIONS)

13705      ANDREWS AFB MD      43-81  
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	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00	MEAN			GREATEST	LEAST	
	SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4						OVER 50.4
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	75.7	5.9	5.9	4.1	2.3	4.7	1.2	.2						18.4	1171				
FEB	78.2	4.6	3.9	4.4	2.3	3.6	2.0	.8	.1					17.2	1071				
MAR	92.2	2.3	1.7	1.5	.9	1.3	.8							5.5	1172				
APR	99.7	.2		.1										.1	1139				
MAY	100.0														1178				
JUN	100.0														1122				
JUL	100.0														1177				
AUG	100.0														1178				
SEP	100.0														1140				
OCT	100.0														1178				
NOV	98.1	1.2	.2	.4	.1	.1								.7	1140				
DEC	87.3	4.3	2.8	2.0	.4	2.2	1.0							8.5	1171				
ANNUAL	94.3	1.5	1.1	1.0	.5	1.0	.4	.1	.0					4.2	13837				

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

13705 ANDREWS AFB MD

43-81

STATION

STATION NAME

YEARS

#### DAILY SNOW DEPTH IN INCHES

YEAR	MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43							*	0	0	0	0	0	0	
44	*	4*	2*	1*	0	0	0	0	0	0	0	0*	2	* 4
45	*	2	2	0	0	0	0	0	0	0	0	0*	6	* 6
46		6	4	0	0	0	0	0	0	0	0	0	1	6
47		4	9	3	0	0	0	0	0	0	0	0	3	9
48		5	5	0	0	0	0	0	0	0	0	0	2	5
49		1	2	TRACE	0	0	0	0	0	0	0	0	0	2
50		TRACE	0	3	0	0	0	0	0	0	0	3	2	3
51		TRACE	2	TRACE	0	0	0	0	0	0	0	TRACE	TRACE	2
52		TRACE	0	2	0	0	0	0	0	0	0	2	2	2
53		1	0	2	0	0	0	0	0	0	0	5	0	5
54		8	TRACE	TRACE	0	0	0	0	0	0	0	0	0	8
55		2	2	0	0	0	0	0	0	0	0	2	TRACE	2
56		4	0	3	0	0	0	0	0	0	0	0	TRACE	4
57		5	2	0	TRACE	0	0	0	0	0	0	0	9	9
58		1	16	10	0	0	0	0	0	0	0	0	TRACE	16
59		2	0	0	TRACE	0	0	0	0	0	0	0	TRACE	2
60		TRACE	5	10	0	0	0	0	0	0	0	0	9	10
61		9	6	0	0	0	0	0	0	0	0	1	1	9
62		1	2	9	0	0	0	0	0	0	0	TRACE	7	9
63		5	3	0	0	0	0	0	0	0	0	TRACE	5	5
64		10	7	2	2	0	0	0	0	0	0	0	1	10
65		4	2	4	0	0	0	0	0	0	0	0	0	4
66		24	23	0	0	0	0	0	0	0	0	0	8	24
67		2	10	1	0	0	0	0	0	0	0	0	9	10
68		2	0	3	0	0	0	0	0	0	0	1	0	3
69		TRACE	1	3	0	0	0	0	0	0	7	0	2	3
70		4	3	0	0	0	0	0	0	0	0	0	0	4
71		8	TRACE	TRACE	0	0	0	0	0	0	0	0	0	8
72		0	4	0	0	0	0	0	0	0	0	0	0	4
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)

13705 ANDREWS AFB MD

43-81

STATION

STATION NAME

YEARS

## DAILY SNOW DEPTH IN INCHES

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
73	0	0	0	0	0	0	0	0	0	0	0	10	10
74	1	4	0	0	0	0	0	0	0	0	0	0	4
75	6	2	0	0	0	0	0	0	0	0	0	TRACE	6
76	1	1	6	0	0	0	0	0	0	0	2	2	6
77	5	TRACE	0	0	0	0	0	0	0	0	TRACE	0	5
78	7	5	5	0	0	0*	0	0	0	0	2	0	7
79	2	25	TRACE	0	0	0	0	0	0	0	0	0	25
80	6	4	7	0	0	0	0	0	0	0	0	TRACE	7
81	3	0	0	0	0								
MEAN	3.8	4.1	2.0	.1	.0	.0	.0	.0	.0	.0	.5	2.0	7.1
S.D.	4.507	5.894	2.986	.329	.000	.000	.000	.000	.000	.000	1.084	3.229	5.463
TOTAL OBS	1171	1071	1172	1139	1178	1122	1177	1178	1140	1178	1140	1171	13837

NOTE \* (BASED ON LESS THAN FULL MONTHS)

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

## 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)

13705 ANDREWS AFB MD  
 STATION STATION NAME

46-81 YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
46	Nw *44W	52WSW	49NW	*43SSW	47S	44ESE	36W	32			WNW*35WNW	43	
47	W 52W	48WSW	56SW	51SSW	60WNW	49WSW	35NW	26SSW	33S	27WNW	47WNW	49	SSW 60
48	WNW 39SSW	44SSW	44WNW	46N	39SW	49SW	36NW	56WNW	29NNE	36WNW	45NNW	46	NW 56
49	WNW 45NNW	51NNW	49WNW	62S	43ESE	28S	30ESE	60WNW	32NW	32NW	37WNW	44	WNW 62
50	WNW 46W	45W	51SSW	45WSW	42SW	36ESE	45NNE	26WNW	26W	38SSW*54SE	*40		SSW*54
51	NW 44WNW	43NNW	45N	*35WSW	36E	*37W	*43SW	*16			NW *42WNW*45		
52	NW *43NW	*48WNW	52SSW*48WNW	*45NNE	33WNW*22N			35SSW	27NW	43ESE	43E	*35	WNW 52
53	WNW*38			N *69S	*43								
54							SSW*24S	*37NW	*46NW	*36			
55							* CALM						
56	WNW*47W	60NW	39NW	*47NW	45NW	42NW	36WNW	39NW	59N	31NW	47WNW	42	W 60
57	WNW 48WNW	35NW	37WNW	52SW	46SSE	34WNW	30WNW	30WNW	40NE	43SSW	38SSE	49	WNW 52
58	NW 41WNW	45WNW	39NW	*36SSE	33WNW	49WSW	49SW	*24NE	*27NE	39NNW	48WNW	45	WNW 49
59	NW 54WNW	50SW	53W	46ESE	33WNW	40SW	42NE	30NNW	31W	40NW	42SW	43	NW 54
60	W 49WNW	62WNW	53W	49SSE	30NW	33SSE	30SW	43NNW	34WNW	42W	43WNW	49	WNW 62
61	Nw 43NW	54NW	44W	45W	65WNW	43WSW	34SW	28WNW	28NW	30NW	38WNW	44	W 65
62	SW 42NW	34ENE	45WNW	33WNW	38NNW	37NW	40SSW	38WNW	26NW	27ESE	40NW	42	ENE 45
63	WNW 46N	34WNW*35WNW	54WNW*38WNW	35W	43N	38WSW	30NW	36WNW	44NW	39			WNW 54
64	WNW 41NW	52SSW	44NNW	36W	32NW	*31NNW	27E	26WSW*25NE	30NNW	31NW	44		NW 52
65	Nw 48NNW	42NW	40WNW	44NW	*27NW	37NW	61N	44SSW	30ESE	33WNW	46NW	38	NW 61
66	WNW 50WNW*45WNW*45WNW	34SW	47WSW	38NNE	33WNW	36E	36NNW	40WNW	39NW	35			WNW 50
67	Nw 47NW	49NW	48NW	41NW	41N	26NW	38WNW	30SE	30NW	38WNW	43NW	40	NW 49
68	WNW 46NW	45NW	54NNW	46NW	36W	*3334*	37 1/ 4633/	2629*	33 1/ 4131/	47			NW 54
69	30* 3732/	5530*	4422/	4321/	4216/	3430/	7432/	4031/	4232/	4733/	5231/	57	30/ 74
70	31/ 5916/	4719/	4423/	5023/	4227/	4629/	4926/	3832/	4221/	3334/	4232/	55	31/ 59
71	31/ 6031/	4230/	6032/	5221/	3934/	5335/	5824/	3225/	4231/	3334/	4630/	56	31/ 60
72	33/ 3931/	5027/	6928/	38 6/	3433/	4031/	3034/	2730/	3833/	4029/	4931/	48	27/ 69
73	30/ 4630/	4422/	5229/	4431/	3633/	3229/	2615/	4816*	2313/	3129/	4624/	45	22/ 52
74	29/ 3629/	4828/	4128/	3932/	4020/	3532*	3218/	3530/	3534/	2728/	3332/	48	29/ 48
75	32/ 4823/	3830/	4030/	5234/	3531/	3128/	3623/	4029/	2728/	2820/	3014/	32	30/ 52
MEAN													
S D													
TOTAL OBS													

NOTES \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FC 8M 0-88-5 (OLA) 5 (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)





GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13715

ANDREWS AFB MD

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0000-0200

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	4.0	2.4	1.0	.1							9.6	6.3
NNE	.9	.8	.8	.4								2.8	6.3
NE	.6	1.2	.3	.3								2.5	5.7
ENE	.3	.8	.2									1.3	4.6
E	.9	1.2	.3	.2								2.6	5.0
ESE	.5	.9										1.4	3.8
SE	1.1	.5	.2	.3		.1						2.3	6.4
SSE	.6	1.8	.4									2.9	4.7
S	1.2	2.4	2.2	.8		.1						6.6	7.0
SSW	1.4	.5	.8	.8								3.4	6.4
SW	.8	1.3	2.0	.3	.2							4.6	7.4
WSW	.8	1.0	1.0	.5	.1							3.3	7.0
W	.2	2.5	1.3	.3			.1					4.4	7.0
WNW	.5	1.9	3.9	3.8	1.0	.3						11.4	10.7
NW	.5	2.3	6.0	5.5	1.6		.1	.1				16.1	11.0
NNW	.5	1.5	4.2	1.7	.4							8.4	9.3
VARBL													
CALM												16.5	
	13.0	24.4	25.9	15.9	3.4	.5	.2	.1				100.0	6.8

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

137.5  
STATION

ANDREWS AFB MD  
STATION NAME

70, 73-81  
YEARS

JAN  
MONTH  
 1300-0500  
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	2.9	4.0	3.7	1.3								11.8	6.1
NNE	1.3	1.1	.6	.2	.2							3.4	5.9
NE	1.0	1.4	.2	.2								2.8	4.9
ENE	.6	.6	.2	.1								1.6	4.9
E	.4	.9	.5									1.8	5.2
ESE	.6	.5										1.2	3.5
SE	.3	.5										.9	4.1
SSE	.3	.3	.2	.3								1.2	6.9
S	1.3	1.5	1.5	.2		.1						4.6	6.2
SSW	1.0	1.7	.8	.6		.1	.1					4.3	7.3
SW	.9	1.5	1.1	1.3	.1							4.8	7.7
WSW	.5	1.4	1.0	.2								3.1	6.4
W	.8	2.5	.9	.6								4.7	6.3
WNW	.5	1.6	4.0	2.9	.9	.3						10.2	10.7
NW	.5	2.5	4.8	4.7	.9	.8						14.2	10.9
NNW	.6	1.8	3.4	2.9	.1	.1						9.0	9.1
VARBL													
CALM												20.2	
	13.7	23.9	22.9	15.7	2.2	1.4	.1					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION: 13705 STATION NAME: ANDREWS AFB MD YEARS: 70, 73-81 MONTH: JAN  
 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	1.7	4.7	2.4	.9								9.7	6.0
NNE	1.7	1.8	.8	.1								4.4	4.8
NE	1.5	1.3	.5	.1								3.4	4.5
ENE	.5	.8	.3									1.6	4.4
E	.2	.9	.8	.1								1.9	6.2
ESE	.5	.5	.1	.2								1.4	5.2
SE	.5	.8	.1									1.4	4.0
SSE	.3	1.1	.1		.1							1.6	5.3
S	1.8	1.5	1.3	.2								4.8	5.1
SSW	.8	1.0	1.6	1.0	.3		.1					4.7	9.1
SW	1.0	1.5	2.0	.4	.2	.1	.1					5.4	7.9
WSW	.9	1.6	.6	.1								3.2	5.1
W	1.0	2.0	1.2	.6	.1							4.9	6.5
WNW	.3	1.5	3.4	3.0	1.1	.1						9.5	10.8
NW	.1	2.8	5.3	4.2	.8	.5						13.7	10.6
NNW	.8	1.7	3.9	1.8	.1	.2						8.5	8.7
VARBL													
CALM												19.8	
	13.7	25.5	24.4	12.8	2.7	1.0	.2					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 137.5 STATION NAME ANDREWS AFB MD YEARS 70,73-81 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	3.5	2.9	1.4								9.0	7.1
NNE	.9	1.6	1.1									3.5	5.2
NE	1.0	1.6	.8									3.3	5.0
ENE	1.3	1.0	1.1									3.3	4.9
E	1.0	1.0	.9									2.8	4.8
ESE	.2	.8	.5									1.5	5.8
SE	.3	1.1	.3		.3							2.0	7.1
SSE	.3	.9	.2	.3								1.7	6.4
S	1.1	1.3	1.6	.6								4.6	6.7
SSW	.6	1.2	2.3	1.1		.2						5.4	8.5
SW	.8	2.3	3.1	.8	.3							7.2	7.7
WSW	.8	1.6	2.4	.8	.1	.1	.1					5.8	8.1
W	.9	2.0	3.1	.9	.1							7.0	7.7
WNW	.4	1.7	2.6	4.2	1.1	.5						10.5	11.8
NW	.2	.8	4.5	5.3	2.2	.9						13.8	12.7
NNW	.3	1.2	4.1	2.5	.6	.2						8.9	10.2
VARBL													
CALM												9.5	
	11.2	23.4	31.4	17.7	4.7	1.9	.1					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 1375 STATION NAME ANDREWS AFB MD YEARS 70,73-81 MONTH JAN  
 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	1.0	2.4	2.3	1.0	.2							6.8	7.5
NNE	.5	1.0	.9	.1								2.5	6.0
NE	.5	.6	.5									1.7	5.3
ENE	.2	.5	.8									1.5	6.4
E	.9	.8	.9									2.5	5.2
ESE	.3	1.0	.4									1.7	5.3
SE	.5	.9	.5		.3							2.3	6.6
SSE	.5	1.2	.6	.1	.2							2.7	6.7
S	.5	1.8	1.8	.9	.1							5.2	7.8
SSW	.3	3.2	2.6	1.5	.1							7.7	7.8
SW	.8	1.9	2.9	1.6	.1	.1	.1					7.5	8.9
WSW	.5	.9	1.2	1.5	.1	.1	.1					4.4	9.9
W	.8	1.5	3.4	1.6	.4	.1						7.8	9.0
WNW	.8	.9	4.7	5.6	2.2	.5						14.6	12.3
NW	.5	2.2	4.3	5.7	1.9	.8	.1					15.5	12.0
NNW	.3	2.2	3.1	3.0	1.0	.4						10.0	10.8
VARBL													
CALM												5.6	
	9.0	22.8	31.0	22.6	6.7	2.0	.3					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13765      ANDREWS AFB MD      70,73-81      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 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	3.0	1.7	.6	.3							6.6	7.0
NNE	.1	1.7	1.0	.1								2.9	5.7
NE	.4	1.0	.6									2.0	5.4
ENE	1.2	1.1	.6	.2								3.1	5.1
E	1.1	1.3	.3									2.7	4.2
ESE	.9	1.4	.8									3.0	5.0
SE	.5	1.0	.9									2.4	5.4
SSE	.3	1.1	.4	.5	.1							2.5	7.9
S	.8	2.5	1.6	.9								5.7	6.8
SSW	.8	1.9	2.2	1.3	.4							6.6	8.4
SW	.3	2.0	1.7	2.0	.2		.1					6.5	9.1
WSW	.5	.9	1.5	1.0		.3						4.2	9.4
W	1.3	1.4	1.9	1.2	.2							6.0	7.6
WNW	.4	2.2	3.8	5.1	1.5	.5						13.4	11.3
NW	.5	1.0	3.0	6.8	1.8	1.2						14.3	13.0
NNW	.3	1.7	3.7	2.8	.5	.3						9.4	10.4
VARBL													
CALM												8.8	
	10.3	25.1	25.7	22.5	5.2	2.4	.1					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS      930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

1375 STATION      ANDREWS AFB MD STATION NAME      70,73-81 YEARS      JAN 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	1.5	3.0	1.9	.5								7.0	5.9
NNE	.1	1.6	.6	.1								2.5	6.2
NE	.9	1.3	1.0	.2								3.3	5.6
ENE	.3	.9	.3									1.5	5.1
E	1.1	1.4	.4									2.9	4.3
ESE	1.6	1.9	.3									3.9	3.9
SE	1.1	1.6	.5									3.2	4.5
SSE	1.3	2.4	.3									4.0	4.3
S	2.0	3.9	1.1	.6								7.6	5.6
SSW	1.4	1.1	1.5	.8	.1							4.8	6.7
SW	.1	.8	1.3	.5	.2							2.9	9.0
WSW	.5	1.1	.2		.2							1.9	6.1
W	.9	1.8	1.0	.3	.3							4.3	7.0
WNW	.4	1.9	3.2	4.0	1.3	.2						11.1	11.0
NW	.3	.8	4.2	5.4	1.6	1.0						13.2	12.8
NNW	1.3	2.4	2.2	2.6	1.3							9.7	9.4
VARBL													
CALM												16.1	
	14.8	27.6	20.1	15.1	5.1	1.2						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS      930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13705      ANDREWS AFB MD      70,73-81      JAN

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

2100-2300

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	3.7	1.9	.2								6.5	5.7
NNE	.5	1.5	.8	.1								2.9	5.8
NE	.9	1.2	.9									2.9	5.3
ENE	.6	1.0	.4									2.0	4.8
E	1.1	1.0	.2									2.3	4.0
ESE	1.2	.9	.6									2.7	4.4
SE	.4	1.3	.2	.1								2.0	4.9
SSE	.8	2.5	.3	.1								3.7	5.0
S	.5	4.0	1.0	.9	.2							6.6	6.5
SSW	1.0	1.4	1.8	.5	.2							4.9	7.3
SW	.4	1.0	1.8	1.1	.1	.1						4.5	9.0
WSW	.2	.6	.5	.1	.1	.1						1.6	7.9
W	.8	1.3	1.0	.9	.1							4.0	7.3
WNW	.9	1.7	3.9	5.4	2.2	.3						14.3	11.6
NW	.4	1.3	4.3	5.1	1.5	.3	.1					13.0	11.7
NNW	.3	2.3	2.8	3.4	.6							9.5	9.9
VARBL													
CALM												16.7	
	11.3	25.8	22.5	17.8	5.1	.8	.1					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS      930



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

137.5      ANDREWS AFB MD      70,73-81      JAN

STATION      STATION NAME      YEARS      MONTH

ALL WEATHER      ALL

CLASS      HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	3.5	2.4	.9	.1							8.4	6.4
NNE	.8	1.4	.8	.1	.0							3.1	5.7
NE	.8	1.2	.6	.1								2.8	5.2
ENE	.6	.8	.5	.0								2.0	5.0
E	.8	1.0	.5	.0								2.4	4.8
ESE	.7	1.0	.3	.0								2.1	4.6
SE	.6	1.0	.3	.1	.1	.0						2.1	5.5
SSE	.6	1.4	.3	.2	.1							2.5	5.6
S	1.2	2.4	1.5	.6	.0	.0						5.7	6.5
SSW	.9	1.5	1.7	.9	.1	.0	.0					5.2	7.8
SW	.6	1.5	2.0	1.0	.2	.0	.0					5.4	8.3
WSW	.6	1.1	1.0	.5	.1	.1	.0					3.5	7.7
W	.8	1.9	1.7	.8	.2	.0	.0					5.4	7.5
WNW	.5	1.7	3.7	4.2	1.4	.4						11.9	11.3
NW	.4	1.7	4.6	5.3	1.5	.7	.0	.0				14.2	11.8
NNW	.6	1.8	3.4	2.6	.6	.2						9.2	9.8
VARBL													
CALM												14.1	
	12.1	24.8	25.5	17.5	4.4	1.4	.1	.0				100.0	7.2

TOTAL NUMBER OF OBSERVATIONS      7440

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

137.5 STATION      ANDREWS AFB MD STATION NAME      70,73-81 YEARS      FEB MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	4.3	3.9	1.8								11.0	7.3
NNE	1.3	1.7	1.5	.1	.2							4.8	6.2
NE	.2	.5	1.5	.2								2.5	7.8
ENE	.6	.9	.6	.1								2.2	5.5
E	.9	.9	1.1									3.0	5.3
ESE	.7	.4										1.1	3.4
SE	.2	.4	.6	.1								1.3	6.8
SSE	1.8	.7	.7	.2	.1							3.5	5.3
S	2.7	2.8	1.4	.4								7.3	4.8
SSW	.5	1.1	2.0	.5								4.0	7.4
SW	.4	1.9	1.9	.9	.1							5.2	8.0
WSW	.5	.2	1.2	.4	.1							2.4	8.3
W	.7	1.4	.9	.7	.1	.1						4.0	7.8
WNW	.7	1.1	1.7	3.5	1.2	.1						8.3	11.3
NW	.5	1.1	4.7	3.7	2.0	.5						12.4	12.0
NNW	.8	1.9	2.6	2.1	.8	.1	.2					8.6	10.2
VARBL													
CALM												18.3	
	13.6	21.2	26.4	14.8	4.7	.8	.2					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

137 5      ANDREWS AFB MD      70,73-81      FEB

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0300-0500

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	5.1	3.2	2.0								11.6	7.2
NNE	.2	.8	1.4	.2								2.7	7.4
NE	.4	1.7	1.7	.4								4.0	6.8
ENE	.5	.4	.6									1.4	5.6
E	.6	.7	.7									2.0	5.3
ESE	.5	.8	.2									1.5	4.2
SE	.5	.4	.1									.9	4.0
SSE	.6	.8	.8		.4							2.6	7.1
S	2.2	2.7	1.8	.5								7.2	5.4
SSW	1.2	2.0	.6	.1		.1						4.0	5.2
SW	1.2	2.1	3.1	.7	.2	.1						7.4	7.5
WSW	.5	1.2	1.1									2.7	6.0
W	.4	1.9	1.1	.1	.1							3.5	6.2
WNW	.1	2.1	2.8	3.2	.7	.2	.2					9.5	10.9
NW	.7	1.7	4.3	4.0	1.4	.5	.2					12.8	11.6
NNW	.4	1.4	2.7	2.7	.5	.1	.1					7.9	10.5
VARBL													
CALM												18.1	
	11.1	25.8	26.1	13.9	3.3	1.1	.6					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

846

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

1975      ANDREWS AFB MD      70, 73-81      FEB  
STATION      STATION NAME      YEARS      MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	3.8	2.8	2.4	.1	.1						9.9	8.3
NNE	.1	1.3	1.5	.6								3.5	7.6
NE	.6	1.7	1.4	.2								3.9	6.2
ENE	.6	1.1	1.2									2.8	5.7
E	1.3	2.1	.4									3.8	4.3
ESE	.2	.6	.5									1.3	5.5
SE	.2	.4	.2	.2								1.1	7.1
SSE	.6	.4	.4	.5								1.3	6.9
S	1.9	2.2	1.3	.4	.1	.1						6.3	6.0
SSW	1.8	2.1	1.8	.1								5.8	5.3
SW	.6	1.9	2.6	.9	.5							6.5	8.2
WSW	.8	1.7	1.1	.2								3.8	6.0
W	.6	2.1	.8	.1	.2	.1						4.0	7.0
WNW	.7	1.5	3.0	3.2	.9	.2						9.6	10.6
NW	.2	1.9	3.8	5.0	1.2	.5						12.5	11.4
NNW	.5	1.9	3.0	2.0	.2	.2						7.8	9.2
VARBL													
CALM												15.8	
	11.5	26.6	25.7	15.8	3.3	1.3						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS      846



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13735 STATION      ANDREWS AFB MD      STATION NAME      73, 73-81      YEARS      FEB      MONTH  
STATION      STATION NAME      YEARS      MONTH

ALL WEATHER      CLASS  
CLASS

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.7	3.7	1.2	.1							7.1	8.4
NNE	.4	1.4	.6	.6								3.0	7.2
NE		1.4	.9	.4								2.7	6.7
ENE	.6	.4	1.2	.4								2.5	7.0
E	.8	1.7	1.2	.1								3.8	5.6
ESE	.6	1.5	.4	.1								2.6	5.0
SE	.4	1.2	.9	.4	.1							3.0	7.2
SSE	.2	.6	.5	1.1		.1						2.5	10.2
S	.4	.9	3.3	1.2	.1	.1						6.0	9.2
SSW	.6	1.4	2.2	2.0	.1	.2						6.6	9.3
SW	.7	1.8	3.0	1.3	.5	.4						7.6	9.0
WSW	.4	.9	1.2	1.2	.1	.1						3.9	9.1
W	.5	1.5	3.4	2.6	.2	.1						8.4	9.6
WNW	.2	.8	3.9	5.1	1.3	.2						11.6	11.9
NW	.2	.8	3.5	7.8	3.0	1.3	.1					16.8	14.0
NNW	.4	1.5	3.0	3.1	.7	.4						9.0	10.8
VARBL													
CALM												3.1	
	6.7	19.6	32.9	28.4	6.3	3.0	.1					100.0	9.7

TOTAL NUMBER OF OBSERVATIONS      846

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

1375 STATION ANDREWS AFB MD 70,73-81 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	.8	2.2	3.0	1.1	.1							7.2	7.7
NNE	.4	.8	1.7	.6								3.4	7.8
NE	.1	.4	1.7	.2								2.4	7.9
ENE	.2	1.2	.8	.4								2.6	6.6
E	.5	2.4	2.1	.4								5.3	6.6
ESE		1.5	1.2	.4								3.1	7.0
SE	.1	.5	.2	.2								1.1	7.6
SSE	.4	.9	.5	.4								2.1	6.3
S	.7	1.6	1.9	1.1	.2							5.7	8.1
SSW	.2	1.4	3.2	2.2	.4							7.4	9.7
SW	1.1	1.7	2.1	2.5	.5	.2						8.0	9.4
WSW	.6	1.3	1.8	.2	.1							4.0	7.0
W	.9	2.0	1.8	.9								5.7	7.3
WNW	.5	1.1	3.8	4.3	2.7	.6						12.9	12.6
NW	.5	2.1	5.0	6.3	2.6	.4						16.8	12.0
NNW		.6	3.4	3.2	1.2	.7						9.1	12.8
VARBL													
CALM												3.2	
	7.0	21.9	34.0	24.2	7.8	1.9						100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

1375  
STATION

ANDREWS AFB MD  
STATION NAME

70,73-81  
YEARS

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

ALL WEATHER  
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	5.1	3.5	.8								10.5	6.6
NNE	.6	1.3	.2	.5	.1							2.7	6.8
NE	.8	1.5	1.8	.2								4.4	6.1
ENE	.7	1.1	.6	.1								2.5	5.0
E	1.5	2.5	.9	.6								5.6	5.7
ESE	1.8	2.4	.7	.4								5.2	4.8
SE	1.2	1.3	.5	.1								3.1	4.7
SSE	.7	2.8	.7									4.3	5.1
S	1.7	4.0	1.5	.1	.2							7.6	5.7
SSW	.8	1.5	1.4	.5	.1							4.4	6.8
SW	.4	.8	1.5	1.1	.1	.1						4.0	9.2
WSW	.7	.5	.6	.1		.2						2.1	7.5
W	.4	1.4	1.4	.4	.1							3.7	7.3
WNW	.7	1.4	3.4	2.6	.7	.2						9.1	10.1
NW	.7	2.2	2.8	5.2	1.3	.9						13.2	12.0
NNW	.6	2.0	2.5	3.0	.5	.5						9.0	10.4
VARBL													
CALM												8.7	
	14.3	31.9	24.2	15.6	3.2	2.0						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 846





GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

137.5      ANDREWS AFB MD      70, 73-81      FEB

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	3.3	3.5	1.7	.1	.0						9.6	7.7
NNE	.5	1.2	1.1	.4	.0							3.3	7.0
NE	.4	1.2	1.4	.4								3.4	6.8
ENE	.5	.9	.9	.2								2.6	6.2
E	1.0	1.6	1.0	.2								3.8	5.5
ESE	.7	1.3	.4	.1								2.5	4.9
SE	.5	.7	.5	.2	.0	.0	.0					1.9	6.6
SSE	.8	1.1	.7	.3	.1	.0	.0					2.9	6.5
S	1.7	2.3	1.9	.6	.1	.0						6.7	6.4
SSW	.8	1.5	1.8	1.0	.1	.0						5.2	7.7
SW	.7	1.7	2.3	1.3	.3	.1						6.4	8.6
WSW	.6	1.0	1.1	.4	.1	.0						3.2	7.4
W	.5	1.6	1.4	.8	.2	.1						4.7	8.0
WNW	.4	1.2	3.0	3.6	1.3	.3	.0					9.8	11.6
NW	.4	1.6	3.9	5.6	2.0	.7	.0					14.2	12.3
NNW	.4	1.5	2.9	2.9	.7	.3	.1					8.9	10.8
VARBL													
CALM												11.0	
	10.9	23.7	27.9	19.7	4.9	1.7	.2					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS

6768

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13775      ANDREWS AFB MD      70,73-81      MAR

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

0000-0200

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	3.0	3.1	1.8	.1							9.6	7.4
NNE	.8	1.6	.5	.2								3.1	5.5
NE	.9	1.7	.3	.4								3.3	5.5
ENE	.6	1.6	1.0									3.2	5.6
E	1.1	2.0	1.3	.1								4.5	5.5
ESE	1.2	1.5	.8									3.4	4.8
SE	.3	1.0	.2	.1	.3							1.9	7.5
SSE	.9	1.0	.8	.1								2.7	5.7
S	2.0	2.7	2.6	1.1	.1	.1						8.6	6.7
SSW	.8	2.0	2.5	1.1	.3							6.7	8.2
SW	.6	.9	1.2	1.3	.1	.1						4.2	8.8
WSW	.3	1.1	.9	.3								2.6	7.0
W	.9	2.3	1.3	1.1	.1	.1						5.7	7.4
WNW	.5	2.4	2.5	1.6	.8	.5						8.3	10.3
NW	.4	1.3	4.0	3.5	1.8	.4						11.5	11.8
NNW	.1	1.6	2.5	1.6	.1							5.9	9.0
VARBL													
CALM												14.7	
	12.9	27.6	25.3	14.4	3.8	1.3						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

1375 STATION ANDREWS AFB MD STATION NAME 70,73-81 YEARS MAR 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	3.4	3.8	1.1								9.5	6.8
NNE	.3	1.3	1.1	.2								2.9	6.4
NE	.8	1.5	1.6	.1								4.0	6.1
ENE	1.1	1.3	1.7	.3								4.4	6.1
E	.5	2.3	1.3	.2	.1							4.4	6.2
ESE	1.0	1.3	.3									2.6	4.3
SE	.2	.6	.5	.2	.2							1.8	8.2
SSE	.1	.5	.3	.6								1.6	8.6
S	1.2	1.8	1.6	.4	.1							5.2	6.4
SSW	2.0	2.0	2.3	1.3	.1							7.7	6.8
SW	1.0	1.5	2.3	1.7	.2							6.7	8.2
WSW	.4	1.4	1.2	.4								3.4	6.7
W	.4	2.4	.5	.4	.3	.1						4.2	7.6
WNW	.3	1.3	2.8	2.4	.6	.3						7.7	10.9
NW	.4	1.3	3.1	3.9	.3	.5						9.6	11.0
NNW	.6	2.0	3.2	2.4	.4							8.7	9.1
VARBL													
CALM												15.6	
	11.6	26.0	27.6	15.7	2.5	1.0						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 13705      STATION NAME ANDREWS AFB MD      YEARS 70,73-81      MONTH MAR  
 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	1.4	2.9	3.3	1.5								9.1	7.2
NNE	.5	1.4	1.8									3.8	6.4
NE	.8	1.4	2.0	.4	.1							4.7	7.0
ENE	.9	2.0	1.2	.4								4.5	6.2
E	1.4	1.9	1.2	.4								4.9	5.7
ESE	.3	1.9	.6	.2								3.1	5.8
SE	.4	.5	.3	.2	.2	.1						1.8	8.3
SSE	.5	.8	1.0	.2	.1							2.6	7.0
S	1.1	1.5	1.2	.4	.3							4.5	6.9
SSW	1.0	1.8	1.8	1.6	.1							6.3	8.0
SW	.4	2.0	2.6	1.4	.2	.1						6.8	8.6
WSW	.9	2.6	.5	.2								4.2	5.3
W	.6	2.4	2.2	.6	.2							6.0	7.4
WNW	.5	1.0	2.5	1.4	.9	.3						6.6	10.8
NW		1.4	4.5	3.3	1.5	.3						11.1	11.6
NNW	.4	1.4	3.4	2.0	.4							7.7	9.5
VARBL													
CALM												12.2	
	11.2	27.0	30.2	14.5	4.1	.9						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 13705 STATION NAME ANDREWS AFB MD YEARS 70,73-81 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	.9	2.5	2.9	2.2	.1							8.5	8.2
NNE	.6	1.2	.9	.9								3.5	7.1
NE	.3	1.2	1.3	.6	.2							3.7	7.9
ENE	.5	1.3	1.8	1.2								4.8	7.8
E	.8	2.2	1.8	.6								5.4	6.7
ESE	.8	1.4	1.2	.1	.1							3.5	6.3
SE	.4	.4	.6	.2	.2							1.9	8.1
SSE	.2	.6	1.1	.4								2.4	7.7
S	.8	1.3	2.0	1.5	.4	.1						6.1	9.0
SSW	.6	.9	3.1	1.2	.2							6.0	8.6
SW	1.0	1.9	3.2	1.8	.1	.1						8.2	8.4
WSW	.3	1.3	2.4	1.1	.2	.1						5.4	8.9
W	.5	1.0	1.7	.9	.8	.1						4.9	10.0
WNW	.8	.2	1.6	4.8	1.0	.3						8.7	12.3
NW	.4	1.2	3.9	5.8	2.6	.8	.3					14.9	13.1
NNW	.3	1.0	3.1	3.5	.3	.2						8.5	10.7
VARBL													
CALM												3.4	
	9.2	19.5	32.7	26.9	6.2	1.7	.3					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13705 STATION ANDREWS AFB MD 70,73-81 YEARS MAR MONTH  
 ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.5	2.0	1.9	.1							6.5	8.5
NNE	.6	.6	1.2	.8								3.2	7.7
NE	.2	1.1	1.8	.5								3.7	7.8
ENE	.4	1.0	1.5	.5								3.4	7.8
E	.2	1.1	1.8	.4								3.5	7.5
ESE	.6	1.5	1.7	.2								4.1	6.6
SE	.4	.9	1.1	.6								3.0	7.8
SSE	.2	.5	.8	.5								2.0	7.5
S	.3	1.1	1.8	1.4	.4	.1						5.2	10.0
SSW	.2	1.9	2.4	2.0	.5							7.1	9.7
SW	.3	1.3	2.7	1.7	.2	.1	.1					6.5	10.2
WSW	.5	1.1	2.0	1.3	.1	.3	.1					5.5	10.0
W	.6	2.0	3.2	1.9	1.7	.1	.1					9.8	10.5
WNW	.9	1.1	2.9	4.1	2.4	.3						11.6	12.2
NW	.1	1.4	3.1	5.7	2.4	.5	.1					13.3	13.1
NNW	.5	.6	3.8	2.2	.2	.5						7.8	10.7
VARBL													
CALM												3.8	
	7.2	18.7	33.9	25.9	8.1	2.0	.4					100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

1375 STATION ANDREWS AFB MD 70,73-81 YEARS MAR MONTH  
 ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.5	4.1	1.8	.2							8.0	9.1
NNE	.1	.8	1.3	.4								2.6	8.4
NE	.1	.1	1.8	.6								2.8	8.9
ENE	.4	1.0	.9	.1								2.4	6.4
E	.4	1.8	1.7	.6								4.6	7.0
ESE	.5	2.4	2.6	.1	.1							5.7	6.5
SE	.2	.6	1.8	.8	.1							3.5	8.7
SSE	.4	.5	1.5	1.1								3.5	8.6
S	.5	1.9	2.7	.6	.3							6.1	7.9
SSW	.6	.9	2.3	2.6	.3							6.7	10.0
SW	.3	.8	3.2	2.2		.1	.1					6.7	9.8
WSW	.3	1.8	1.4	.9	.2	.1	.1					4.8	8.9
W	.4	1.7	1.8	1.8	.1	.4						6.3	10.1
WNW	.5	1.3	2.8	3.5	1.5	.9	.2					10.8	12.8
NW	.3	.8	4.1	5.9	1.9	1.0						14.0	12.8
NNW	.1	1.0	2.2	3.4	1.7	.2						8.6	12.6
VARBL													
CALM												2.9	
	5.9	18.8	36.1	26.6	6.6	2.7	.4					100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 930



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13705  
STATION

ANDREWS AFB MD  
STATION NAME

70, 73-81  
YEARS

MAR  
MORPH

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	1.6	3.3	3.9	1.2	.1							10.1	7.1
NNE	.3	.5	1.5	.6								3.0	8.4
NE	.1	1.0	.6	.1								1.8	6.3
ENE	.5	.6	1.3	.2								2.7	6.8
E	1.5	2.5	2.2	.2								6.4	5.7
ESE	1.0	2.4	1.9									5.5	5.7
SE	1.1	2.9	2.0	.6								6.7	6.7
SSE	.9	3.7	2.9	.4		.1						8.0	6.8
S	1.1	3.1	1.6	.6								6.5	6.2
SSW	.4	1.7	1.6	.5	.3							4.6	8.0
SW	.2	1.1	2.0	1.0								4.3	8.7
WSW	.5	.9	.5	.1		.1						2.2	6.6
W	.6	.4	.5	.4	.2	.1	.1					2.5	9.8
WNW	.4	1.4	2.0	3.9	1.1	.8						9.6	12.3
NW	.3	.9	3.7	4.5	1.5	.4	.1					11.4	12.6
NNW	.6	1.6	2.9	2.9	.4	.2						8.7	10.3
VARBL													
CALM												6.4	
	11.3	28.0	31.3	17.4	3.7	1.7	.2					100.0	8.0

TOTAL NUMBER OF OBSERVATIONS

929

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13705  
STATION

ANDREWS AFB MD  
STATION NAME

70,73-81  
YEARS

MAP  
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	1.7	2.7	3.2	1.3	.4							8.6	7.9
NNE	.2	1.1	.9	.3								2.5	6.9
NE	.3	1.4	1.3	.3								3.3	6.8
ENE	.4	1.3	1.1									2.8	6.3
E	1.3	1.7	2.0	.1								5.2	5.7
ESE	1.5	1.6	1.1	.2								4.4	5.0
SE	.6	1.7	1.7	.3	.1							3.8	6.7
SSE	1.2	3.0	2.4	.4								7.0	6.4
S	1.2	3.7	3.4	1.3	.1							9.7	7.3
SSW	.5	.8	1.8	.5	.3							4.0	8.6
SW	.5	.5	1.8	.6	.1							3.7	8.3
WSW	.5	.8	.3	.4	.3							2.4	8.0
W	.9	1.3	.6	.5	.2							3.5	6.9
WNW	.1	1.6	2.7	3.4	.6	.3						8.8	11.1
NW	.2	2.7	2.8	4.4	1.2	.4	.1					11.2	11.9
NNW	.3	2.7	1.7	2.0	.4	.1						6.7	9.5
VARBL													
CALM												12.6	
	10.9	27.2	28.2	16.3	3.9	.9	.1					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13775      ANDREWS AFB MD      70,73-81      MAR  
STATION      STATION NAME      YEARS      MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.6	3.3	1.6	.1							8.7	7.7
NNE	.4	1.1	1.1	.4								3.1	7.1
NE	.4	1.2	1.4	.4	.0							3.4	7.0
ENE	.6	1.3	1.3	.3								3.5	6.7
E	.9	1.9	1.7	.3	.0							4.9	6.2
ESE	.9	1.7	1.3	.1	.0							4.0	5.7
SE	.5	1.1	1.0	.4	.1	.0						3.1	7.5
SSE	.6	1.3	1.3	.5	.0	.0						3.7	7.0
S	1.0	2.1	2.1	.9	.2	.0						6.5	7.5
SSW	.8	1.5	2.2	1.4	.3							6.1	8.5
SW	.6	1.3	2.4	1.5	.1	.1	.0					5.9	8.9
WSW	.5	1.4	1.2	.6	.1	.1	.0					3.8	8.0
W	.6	1.7	1.5	1.0	.5	.1	.0					5.4	8.9
WNW	.5	1.3	2.5	3.1	1.1	.5	.0					9.0	11.7
NW	.3	1.3	3.6	4.6	1.7	.6	.1					12.1	12.3
NNW	.4	1.4	2.8	2.5	.5	.2						7.8	10.3
VARBL													
CALM												8.9	
	19.0	24.1	30.7	19.7	4.8	1.5	.2					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13705 STATION ANDREWS AFB MD 70,73-81 YEARS APR MONTH

ALL WEATHER

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

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	3.1	2.3	.4								6.7	6.2
NNE	1.1	2.1	.9	.1								4.2	5.2
NE	.4	1.4	1.1	.2	.2							3.4	7.3
ENE	.4	1.2	1.0	.3								3.0	6.7
E	.4	2.1	1.2	.6								4.3	6.7
ESE	.7	1.1	.3									2.1	4.6
SE	1.1	.9	.7	.1								2.8	4.8
SSE	.9	2.2	.4	.2								3.8	5.2
S	2.7	3.1	.7	.6	.1							7.1	4.9
SSW	2.3	2.4	2.3	1.0								8.1	6.2
SW	.4	1.6	2.7	1.7	.3							6.7	9.1
WSW	.8	2.2	.9									3.9	5.2
W	1.2	3.7	1.3	.1								6.3	5.3
WNW	.1	1.2	2.6	1.3	.4	.8						6.4	11.6
NW	.2	1.4	3.3	2.6	.8	.1						8.4	10.2
NNW	.3	1.6	2.6	1.4	.2							6.1	9.1
VARBL													
CALM												16.6	
	14.0	31.4	24.3	10.7	2.1	.9						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

1375      ANDREWS AFB MD      70,73-81      APR

STATION      STATION NAME      YEARS      MONTH

ALL WEATHER      0300-0500

CLASS      HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	3.7	1.9	.7								7.3	6.0
NNE	1.1	2.6	.4	.2	.2							4.6	5.5
NE	.4	1.4	1.3	.3	.1	.1						3.8	7.4
ENE	1.1	1.8	1.7	.2	.1							4.9	6.3
E	1.1	1.3	1.4	.2								4.1	5.8
ESE	.4	.9	.2									1.6	4.6
SE	.7	.3	.2	.1								1.3	4.6
SSE	1.0	.7	.1	.1								1.9	3.9
S	2.0	1.7	.9	.4	.1							5.1	5.3
SSW	1.7	2.2	1.8	1.7	.1							7.4	7.2
SW	.6	2.2	2.4	1.0	.1							6.3	7.6
WSW	.6	1.4	.4	.4								2.9	6.1
W	1.7	3.4	1.1	.2								6.4	5.3
WNW	.4	1.6	3.3	1.8	.1	.2	.3					7.8	10.3
NW	.6	.7	4.2	2.6	.6	.3						8.9	10.8
NNW	.7	1.9	1.4	.8	.1							4.9	7.1
VARBL													
CALM												20.8	
	15.1	27.8	23.0	10.8	1.6	.7	.3					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS      900

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 13705 STATION NAME ANDREWS AFB MD YEARS 70, 73-81 MONTH APR  
STATION CLASS ALL WEATHER MONTHS 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	1.8	3.2	3.3	.8	.3	.1						9.6	7.1
NNE	.3	1.2	.9	.1	.1							2.7	6.5
NE	.9	1.0	1.4									3.3	5.7
ENE	.6	1.8	2.1	.8								5.2	7.5
E	.8	2.0	1.9	.6								5.2	6.7
ESE	.4	1.0	.7	.1								2.2	5.8
SE	.3	.8	.3									1.4	4.8
SSE	.7	.7	.4	.2								2.0	5.6
S	1.3	1.1	1.1	.3	.2	.1						4.2	6.9
SSW	.7	2.3	2.0	1.4	.1							6.6	7.8
SW	.2	2.2	3.0	1.7	.1							7.2	8.8
WSW	.9	2.3	2.1	.3								5.7	6.7
W	1.0	3.3	1.8	.3	.2							6.7	6.3
WNW	.9	1.4	3.0	2.9	.3	.2	.2					9.0	10.2
NW	.3	1.1	2.9	3.8	.7	.1						8.9	10.9
NNW	.8	2.2	2.3	2.0								7.3	8.1
VARBL													
CALM												12.8	
	11.9	27.8	29.3	15.3	2.1	.6	.2					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 13705 STATION NAME ANDREWS AFB MD YEARS 70, 73-81 MONTH APR  
 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	1.3	1.9	3.1	2.0	.4							8.8	8.4
NNE	.7	1.7	.8	.7								3.8	6.8
NE	.7	1.0	1.0	.2								2.9	6.4
ENE	.3	2.2	1.2	.4								4.2	7.0
E	.6	1.9	2.8	.7								5.9	7.5
ESE	.3	1.3	1.1	.1								2.9	6.1
SE	.2	.8	.6	.1								1.7	6.1
SSE	.9	.4	.9	.4								2.7	6.4
S	.3	.7	1.8	.7	.1	.1						3.7	9.0
SSW	.6	.7	2.3	1.9								5.4	9.1
SW	.4	1.9	2.9	2.9	.2	.1						8.4	9.6
WSW	.2	1.2	3.1	1.7								6.2	8.9
W	.8	1.7	2.4	1.8		.1						6.8	8.4
WNW	.2	1.8	2.8	5.7	1.7	.3	.1					12.6	12.3
NW	.3	1.8	4.2	4.3	.8	.4						11.9	11.1
NNW	.7	1.2	2.1	3.3	.4	.1						7.9	10.5
VARBL													
CALM												4.3	
	8.6	22.1	33.1	26.9	3.7	1.2	.1					100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13705  
STATION

ANDREWS AFB MD  
STATION NAME

70,73-81  
YEARS

APR  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.2	2.4	2.2	.3							7.8	8.9
NNE	.7	1.0	.9	.3	.1							3.0	6.8
NE	.3	.6	.6	.2								1.7	6.7
ENE	.2	1.6	1.2	.2	.2							3.4	7.7
E	.6	1.6	1.3	.7	.1							4.2	7.4
ESE	.3	1.3	1.3	.4								3.4	7.3
SE	.7	.7	.9	.7								2.9	7.2
SSE	.2	.7	.8	.7								2.3	8.6
S	.8	1.0	1.6	1.3		.1						4.8	8.6
SSW	1.1	1.4	3.0	1.8	.1	.1						7.6	8.6
SW	.6	1.1	2.8	2.4	.6	.1						7.6	10.0
WSW	.6	1.0	2.4	1.7	.2	.1						6.0	9.4
W	.9	1.7	3.4	2.1	.6	.1						8.8	9.0
WNW	.4	1.7	3.9	5.3	1.8	.1	.4	.1				13.8	12.4
NW	.6	1.4	3.9	5.0	1.6	.7						13.1	12.0
NNW	.6	1.3	2.0	2.9	.3	.2						7.3	10.5
VARBL													
CALM												2.3	
	9.0	20.2	32.4	28.0	5.9	1.6	.4	.1				100.0	9.5

TOTAL NUMBER OF OBSERVATIONS

900



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 13705 STATION NAME ANDREWS AFB MD YEARS 70,73-81 MONTH APR  
 CLASS ALL WEATHER HOURS (L.S.T.) 1500-1700  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 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	1.7	2.3	.2							5.3	10.6
NNE	.8	1.0	.7	.1	.1							2.7	5.8
NE	.2	.9	.2	.1								1.4	5.9
ENE	.2	.9	1.2	.6	.1							3.0	8.3
E	.3	1.6	2.4	.6								4.9	7.3
ESE	.7	1.2	2.4	.6								4.9	7.5
SE	.8	1.4	1.6	1.3								5.1	7.8
SSE	.1	.8	1.0	.6								2.4	8.4
S	.2	.6	2.8	1.1								4.7	8.9
SSW	.8	1.2	3.2	1.7	.1							7.0	8.7
SW	.6	1.0	2.6	3.2	.6							7.9	10.5
WSW	.8	1.3	1.7	1.2	.1	.3						5.4	9.1
W	1.3	1.8	3.1	1.0	.2							7.4	7.6
WNW	.2	1.0	3.1	4.8	1.9	.6	.2					11.8	13.0
NW	.3	1.3	4.9	5.6	2.3	.6						15.0	12.3
NNW	.3	.8	2.9	3.2	.3							7.6	10.6
VARBL													
CALM												3.4	
	7.8	17.8	35.4	27.9	6.0	1.4	.2					100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13785  
STATION

ANDREWS AFB MD  
STATION NAME

70,73-81  
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	1.0	4.2	2.4	1.3	.2							9.2	7.1
NNE	.7	1.1	.4	.2								2.4	5.5
NE	.2	.9		.3								1.4	6.6
ENE	.1	.9	1.0	.6								2.6	7.8
E	1.7	4.0	2.8	.3								8.8	5.7
ESE	1.1	3.9	1.8	.1								6.9	5.5
SE	.8	1.9	2.8	1.0	.1							6.6	7.7
SSE	.8	2.1	2.7	.2								5.8	6.6
S	1.0	3.7	2.3	.7								7.7	6.2
SSW	.4	2.0	1.6	.7								4.7	6.9
SW	.1	1.1	1.4	.9	.1							3.7	8.9
WSW	.6	1.1	.7	.4								2.8	6.3
W	.9	1.9	1.1	.8	.4	.1						5.2	8.3
WNW	.2	.8	2.0	2.6	1.0	.6						7.1	12.7
NW	.1	1.0	2.7	4.3	1.7	.4						10.2	12.7
NNW	.2	1.7	3.0	2.6	.8	.1						8.3	10.2
VARBL													
CALM												6.7	
	9.9	32.2	28.7	17.0	4.3	1.2						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13705  
STATION

ANDREWS AFB MD  
STATION NAME

70,73-81  
YEARS

APR  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	3.9	2.1	.9								8.3	6.2
NNE	.8	.6	1.1									2.4	5.6
NE	1.0	1.3	.1	.2								2.7	5.0
ENE	.6	1.4	.9	.2								3.1	5.8
E	1.1	2.2	1.9	.3								5.6	6.2
ESE	1.1	1.2	.7									3.0	4.6
SE	.9	1.7	1.1	.9								4.6	6.8
SSE	1.3	2.2	2.0	.3								5.9	5.9
S	3.0	6.8	2.8	.6								13.1	5.4
SSW	1.2	2.1	1.7	1.2								6.2	6.9
SW	.7	1.1	1.1	1.1								4.0	7.9
WSW	.9	.9	.7	.3								2.8	6.0
W	.9	2.1	1.2	.4	.1	.1						4.9	7.3
WNW		1.6	3.0	1.8	.6	.3	.1					7.3	10.8
NW	.1	.4	2.8	4.2	.8							8.3	11.8
NNW		1.1	1.0	2.1	.3							4.6	10.6
VARBL													
CALM												13.2	
	15.0	30.7	24.1	14.7	1.8	.4	.1					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13705  
STATION

ANDREWS AFB MD  
STATION NAME

70,73-81  
YEARS

APR  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.9	2.4	1.3	.2	.0						7.9	7.5
NNE	.8	1.4	.8	.2	.1							3.2	6.0
NE	.5	1.1	.7	.2	.0	.0						2.6	6.4
ENE	.4	1.5	1.3	.4	.1							3.7	7.1
E	.8	2.1	2.0	.5	.0							5.4	6.6
ESE	.6	1.5	1.1	.2								3.4	6.0
SE	.7	1.1	1.0	.5	.0							3.3	6.8
SSE	.7	1.2	1.0	.3								3.3	6.3
S	1.4	2.3	1.7	.7	.1	.0						6.3	6.4
SSW	1.1	1.8	2.2	1.4	.1	.0						6.6	7.7
SW	.4	1.5	2.4	1.9	.2	.0						6.5	9.2
WSW	.7	1.4	1.5	.8	.0	.1						4.5	7.6
W	1.1	2.4	1.9	.8	.2	.1						6.6	7.3
WNW	.3	1.4	3.0	3.3	1.0	.4	.2	.0				9.5	11.8
NW	.3	1.2	3.6	4.0	1.1	.3						10.6	11.6
NNW	.4	1.5	2.2	2.3	.3	.1						6.7	9.7
VARBL													
CALM												10.0	
	11.4	26.2	28.8	18.9	3.4	1.0	.2	.0				100.0	7.5

TOTAL NUMBER OF OBSERVATIONS

7200

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

1375 STATION      ANDREWS AFB MD STATION NAME      70,73-81 YEARS      MAY 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	1.6	2.8	1.2	.3								5.9	5.6
NNE	.4	1.5	1.1									3.0	5.8
NE	.9	1.4	1.0	.1								3.3	5.4
ENE	1.5	.6	1.0									3.1	4.8
E	1.6	1.5	.8	.1								4.0	4.6
ESE	.6	1.5	.3									2.5	4.4
SE	.4	.9	.9									2.2	5.9
SSE	.9	1.9	1.2									4.0	5.2
S	4.8	4.2	2.4	1.1								12.5	5.0
SSW	1.9	3.2	2.3	.5								8.0	5.9
SW	1.4	2.9	1.8	.3								6.5	5.7
WSW	1.1	2.6	1.2									4.8	5.0
W	1.1	2.8	.4									4.3	4.4
WNW	1.0	1.1	1.3	.8								4.1	6.7
NW	.3	2.0	1.8	1.3								5.5	7.8
NNW	.8	.8	1.7	1.1								4.3	8.1
VARBL													
CALM												22.1	
	20.3	31.8	20.2	5.6								100.0	4.4

TOTAL NUMBER OF OBSERVATIONS      929

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13705      ANDREWS AFB MD      70,73-81      MAY

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	2.3	3.3	.9	.3								6.8	4.8
NNE	1.0	2.3	.3									3.5	4.3
NE	1.5	2.0	1.4	.1								5.1	5.2
ENE	1.6	.8	.9									3.2	4.4
E	1.0	1.4	.3									2.7	4.3
ESE	.3	1.2										1.5	4.4
SE	.3	.5	.8									1.6	6.3
SSE	.4	1.6	.2									2.3	4.8
S	3.0	3.2	1.7	.5								8.5	5.0
SSW	1.8	2.2	2.8	.8								7.5	6.3
SW	1.7	2.6	1.3	.4								6.0	5.3
WSW	1.2	1.7	1.3									4.2	5.1
W	1.8	2.9	.8									5.5	4.4
WNW	.6	1.5	1.2									3.3	5.7
NW	.9	2.0	2.5	.9	.1							6.3	7.2
NNW	1.0	1.5	1.5	.9	.1							4.9	7.2
VARBL													
CALM												27.0	
	20.4	30.8	17.7	3.9	.2							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS      930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

17705 STATION ANDREWS AFB MD 70,73-81 YEARS MAY  
STATION NAME CLASS MONTH  
 ALL WEATHER  
CLASS  
 0600-0800  
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	3.7	2.2	.1	.2							8.5	5.6
NNE	1.3	1.7	2.0									5.1	5.7
NE	1.5	1.9	2.4	.2								6.0	6.0
ENE	1.5	1.5	.6									3.7	4.5
E	2.0	2.3	.9	.1								5.3	4.8
ESE	.8	1.4	.4									2.6	5.0
SE	.6	1.0	.2									1.8	4.4
SSE	.2	.8	.5	.1								1.6	6.2
S	1.6	3.1	1.8	1.0								7.5	6.3
SSW	1.5	2.6	3.7	1.2								8.9	7.0
SW	1.7	2.9	2.3	.8								7.6	6.3
WSW	1.1	1.6	1.2	.1								4.0	5.1
W	1.5	3.1	1.9	.2								6.8	5.5
WNW	1.1	2.0	1.7	.6	.1							5.6	6.5
NW	1.2	1.5	2.2	2.2	.2							7.2	8.8
NNW	1.3	1.7	1.5	1.1	.2							5.8	7.6
VARBL													
CALM												12.0	
	21.3	32.8	25.5	7.6	.8							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

1875 STATION ANDREWS AFB MD 70,73-81 YEARS MAY 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	1.1	1.9	3.3	1.1	.1							7.5	7.4
NNE	.8	1.5	1.6									3.9	5.9
NE	1.8	2.7	1.3									5.6	4.9
ENE	.3	1.9	1.6	.3								4.2	7.0
E	1.2	3.1	2.2	.1								6.6	5.6
ESE	.9	2.2	1.7	.1								4.1	5.5
SE	.4	1.6	1.4									3.4	6.0
SSE	.8	.4	.8	.2								2.2	6.0
S	.8	2.4	2.6	1.6								7.3	7.8
SSW	1.3	2.4	4.6	1.7								10.0	7.9
SW	1.1	2.3	4.3	1.1								6.7	7.4
WSW	.9	1.7	1.6	1.1								5.3	7.0
W	.6	3.0	1.4	.5								5.6	6.2
WNW	.9	1.8	2.6	1.8	.2							7.3	8.2
NW	.4	1.5	2.6	2.6	.9	.2						8.2	10.8
NNW	.6	.9	3.8	1.5	.3							7.1	9.3
VARBL													
CALM												2.9	
	13.8	31.3	36.6	13.8	1.5	.2						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 930



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

1375 STATION ANDREWS AFB MD 70,73-81 YEARS MAY MONTH  
 1200-1400 HOURS (L.S.T.)  
 ALL WEATHER CLASS  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	3.1	2.0	.5								7.6	5.9
NNE	.6	1.5	1.3									3.4	5.7
NE	1.1	1.9	1.3									4.3	5.5
ENE	.3	1.6	.9	.3								3.1	6.4
E	.6	2.4	2.7									5.7	6.5
ESE	.8	1.8	1.3	.1								4.0	5.9
SE	.8	1.9	1.3	.2								4.2	5.9
SSE	.4	1.7	2.0	.5								4.7	7.3
S	1.1	2.8	4.1	1.4	.1							9.5	7.8
SSW	.4	2.5	4.7	2.8								10.4	8.7
SW	.6	1.5	3.2	1.3								6.7	8.0
WSW	.6	2.0	1.3	1.0								4.9	7.3
W	.5	1.3	2.0	.8	.1							4.7	8.0
WNW	.9	1.1	2.4	2.2	.4			.1				6.9	10.0
NW	.3	1.0	3.8	3.5	.4							9.0	10.5
NNW	.5	1.3	2.4	2.6	.4							7.2	9.6
VARBL													
CALM												3.5	
	11.5	29.5	36.7	17.2	1.5			.1				100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 930

ALL VALUES ARE OBSERVED

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

1975 STATION ANDREWS AFB MD 70, 73-81 YEARS MAY 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	.9	2.4	3.6	.8	.1							7.6	7.4
NNE	1.3	1.8	.5	.2								3.9	4.7
NE	.5	1.1	.4									2.0	5.1
ENE	.3	1.7	.6	.1								2.8	6.1
E	1.4	3.1	2.5	.3								7.3	6.0
ESE	1.1	3.	3.2	.1								7.4	6.3
SE	.3	2.3	1.8	.4								4.8	6.7
SSE	.3	1.4	1.8	1.0								4.5	8.2
S	.4	3.1	4.6	2.7								10.9	8.5
SSW	.4	1.8	5.0	2.6	.2							10.0	8.9
SW	.5	1.8	2.4	1.6								6.4	8.3
WSW	.3	1.2	1.5	.3								3.3	6.9
W	1.2	1.4	2.3	.9	.1							5.6	7.4
WNW	.6	1.4	1.9	2.0	.1	.1						6.2	9.4
NW	.1	1.7	3.0	2.7	.9	.1						8.5	10.7
NNW	.3	1.6	2.6	.6	.2	.2						5.6	8.9
VARBL													
CALM												3.0	
	9.9	30.9	37.8	16.4	1.6	.4						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS

929

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

18795  
STATION

ANDREWS AFB MD  
STATION NAME

70,73-81  
YEARS

MAY  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 14	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	2.8	1.9	.6		.1						7.3	6.1
NNE	.6	.9	.3									1.8	4.2
NE	.4	1.2	.7									1.9	4.8
ENE	.8	1.0	.9	.2								2.8	5.8
E	1.5	3.3	1.6	.3								6.8	5.6
ESE	1.3	4.7	2.2	.2								9.4	5.3
SE	.6	3.7	2.6	.4								7.3	6.3
SSE	1.2	3.4	2.8	.9								8.3	6.6
S	1.2	6.0	2.7	.4								12.4	5.2
SSW	1.5	2.3	3.7	.5								8.3	6.8
SW	.9	2.9	1.1	.3		.1						5.3	6.0
WSW	1.0	.5	.9	.1								2.5	5.3
W	1.2	1.2	.4									2.8	4.2
WNW	.6	1.0	.8	.6								3.0	7.1
NW	.5	.9	2.6	.9	.1							5.0	8.4
NNW	.3	1.5	1.8	1.3	.4							5.4	9.1
VARBL													
CALM												10.0	
	18.5	37.3	26.5	6.9	.5	.2						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 928

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

19705 STATION ANDREWS AFB MD 77,73-81 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	1.2	1.8	1.4	.6								5.1	6.2
NNE	.6	.9	.4	.1								2.0	5.4
NE	.4	1.0	.2	.2								1.8	5.8
ENE	.6	1.6	.8	.1								3.1	5.5
E	1.1	2.9	.4									4.4	4.6
ESE	1.4	2.6	.3	.1								4.4	4.4
SE	1.2	2.1	1.5									4.7	5.5
SSE	1.5	3.0	2.8	.2								7.6	5.9
S	4.5	8.7	3.6	.1								16.9	4.9
SSW	1.4	2.9	1.6	.5								6.5	6.1
SW	1.0	2.2	1.5	.2								4.9	5.8
WSW	.9	1.3	.8	.1								3.0	5.1
W	2.4	1.3	.8									4.4	4.1
WNW	.6	.9	.6	.1								2.3	5.6
NW	.5	.9	2.2	.4	.1							4.1	7.8
NNW	.1	1.1	1.5	.6	.1							3.5	8.4
VARBL													
CALM												71.3	
	19.5	35.1	20.4	3.6	.2							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

17705  
STATION

ANDREWS AFB MD  
STATION NAME

70, 73-81  
YEARS

MAY  
MONTH

ALL WEATHER  
CLASS

ALL  
HOWR (L O T)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.6	2.7	2.1	.6	.1	.0						7.0	6.2
NNE	.8	1.5	1.0	.0								3.3	5.3
NE	1.0	1.7	1.0	.1								3.8	5.3
ENE	.9	1.3	.9	.1								3.3	5.6
E	1.3	2.5	1.4	.1								5.3	5.4
ESE	1.0	2.3	1.1	.1								4.5	5.4
SE	.6	1.7	1.3	.1								3.8	6.0
SSE	.7	1.8	1.5	.4								4.4	6.5
S	2.4	4.2	2.9	1.1	.1							10.7	6.1
SSW	1.3	2.5	3.5	1.3	.1							8.7	7.3
SW	1.1	2.4	2.2	.8		.0						6.5	6.7
WSW	.9	1.6	1.2	.3								4.0	5.9
W	1.3	2.1	1.3	.3	.7							5.0	5.6
WNW	.8	1.3	1.6	1.0	.1	.0		.0				4.8	7.9
NW	.5	1.4	2.6	1.8	.3	.1						6.7	9.3
NNW	.6	1.3	2.1	1.2	.2	.0						5.5	6.6
VARBL													
CALM												12.7	
	16.9	32.4	27.7	9.4	.8	.1		.0				100.0	5.7

TOTAL NUMBER OF OBSERVATIONS

7433

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

17705  
STATION

ANDREWS AFB MD  
STATION NAME

69-70, 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	1.4	1.9	1.1	.2								4.7	5.2
NNE	.6	1.1										1.7	3.9
NE	.3	1.2	.4									2.0	5.3
ENE	.6	.4	.1									1.1	3.9
E	.9	1.2	.1									2.2	3.8
ESE	.7	.6	.1									.9	4.8
SE	.7	.6										1.2	3.2
SSE	1.8	2.2	1.3	.1								5.4	4.9
S	1.7	7.9	3.7	.3								18.6	4.7
SSW	2.4	2.2	3.6	1.0								9.2	6.4
SW	1.2	3.7	2.1	.2								7.4	5.7
WSW	1.2	1.1	1.3	.2								3.8	5.8
W	1.4	3.4	1.0	.1								6.0	4.7
WNW	.8	1.4	.2									2.4	4.1
NW	.2	1.6	1.1	.3								3.2	6.9
NNW	.4	2.0	1.6	.1								4.1	6.1
VARBL													
CALM												26.0	
	20.9	32.7	17.8	2.7								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

1375 STATION ANDREWS AFB MD 69-70,73-80 YEARS JUN MONTHS

ALL WEATHER CLASS

J300-0500 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.6	3.8	1.7	.2								7.2	5.3
NNE	.8	1.1	.2	.2								2.3	4.7
NE	.3	1.2	.4	.1								2.1	5.3
ENE	.6	.4										1.0	3.3
E	1.1	.4	.4									2.3	4.4
ESE	.1	.4										.6	4.2
SE	.8	.4										1.2	3.0
SSE	.7	2.1	.1									2.9	4.4
S	4.2	6.1	2.6	.7								13.6	5.0
SSW	1.7	4.1	2.0	.4								8.1	5.7
SW	1.6	3.8	3.7	.6								9.6	6.3
WSW	2.1	2.4	.7	.2								5.4	4.5
W	2.7	2.8	.8									5.6	4.1
WNW	.6	1.2	1.1	.2								3.1	6.0
NW	.9	1.7	.8	.7		.1						4.1	7.0
NNW	.2	1.2	1.0	.1								2.6	6.8
VARBL													
CALM												28.3	
	19.1	33.6	15.4	3.4		.1						100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

107.5      ANDREWS AFB MD      69-70,73-80      JUN

STATION      STATION NAME      YEARS      MONTHS

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	.7	2.9	4.1	.9								8.6	7.2
NNE	1.0	1.6	1.3	.3								4.2	5.8
NE	.1	1.0	1.3	.3								3.6	6.8
ENE	.9	.8	.8									2.4	4.8
E	.3	.8	.2									1.3	4.7
ESE	.7	.7	.3									1.7	4.7
SE	.6	.1		.1								.8	3.9
SSE	1.7	.8	.9									3.3	4.6
S	1.4	4.7	3.7	.8								10.6	6.3
SSW	1.2	2.9	4.0	1.2								9.3	7.2
SW	1.2	3.9	5.8	1.2								12.1	7.1
WSW	2.0	2.7	3.3	.1								8.1	5.8
W	1.6	3.3	.7	.1								5.7	4.7
WNW	.8	.9	1.8	.3								3.8	6.7
NW	.6	2.3	1.7	1.6								6.1	7.6
NNW	.2	1.0	1.8	.8								3.8	8.1
VARBL													
CALM												14.7	
	14.9	31.0	31.7	7.8								100.0	5.5

TOTAL NUMBER OF OBSERVATIONS      900



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

1775 STATION ANDREWS AFB MD 69-70,73-80 JUN

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	.9	2.8	4.6	1.2								9.4	7.6
NNE	.3	1.3	2.2									3.9	7.0
NE	.9	1.4	1.7	.6	.1							4.7	6.9
ENE	.4	1.4	1.7	.4								4.0	7.2
E	.8	1.1	1.7									2.9	5.7
ESE	1.1	1.7	.9									3.0	4.9
SE	.3	1.2	.9									2.4	5.9
SSE	.6	1.7	1.3	.1								3.7	5.9
S	1.1	3.6	4.1	1.2								10.0	7.2
SSW	1.2	1.6	6.3	2.2								11.3	8.0
SW	1.5	2.4	4.4	1.4								9.9	7.4
WSW	.7	3.7	3.0	.9								8.2	6.9
W	1.4	2.4	2.6	.2								6.7	5.9
WNW	.2	1.8	1.9	1.2								5.1	8.2
NW	.1	1.6	2.7	2.1	.2	.1						6.8	9.8
NNW		.9	1.3	1.6								3.8	9.9
VARBL													
CALM												4.2	
	11.7	29.9	40.6	13.2	.3	.1						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

1375 STATION ANDREWS AFB MD 69-70,73-80 JUN  
STATION MONTH

ALL WEATHER CLASS 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	.8	2.4	1.8	1.4	.1							6.6	7.7
NNE	.3	1.4	2.8	.2								4.8	7.2
NE	.4	1.4	2.2	.4								4.6	7.3
ENE	.2	1.0	.8	.2								2.2	7.0
E	.1	1.6	2.3	.2								4.2	7.2
ESE	.7	1.9	1.2									3.8	5.6
SE	.2	1.6	1.3	.2								3.3	6.7
SSE	.6	.8	2.0	.3								3.7	7.3
S	1.0	3.3	6.3	2.0								12.7	8.0
SSW	.8	2.9	6.1	2.4								12.2	8.3
SW	1.2	1.7	4.4	1.7	.2							9.2	8.2
WSW	.3	1.4	3.3	.9								6.0	8.3
W	1.1	1.9	2.2	.7								5.9	6.4
WNW	.3	.9	2.8	.8	.3	.1						5.0	9.3
NW	.3	1.6	2.2	3.1	.2	.1						7.6	10.3
NNW	.3	1.1	1.6	1.2	.2							4.4	8.8
VARBL													
CALM												3.7	
	8.8	26.9	43.4	15.9	1.1	.2						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

137.05 STATION ANDREWS AFB MD 69-70,73-80 JUN  
STATION MONTH  
 ALL WEATHER CLASS 1500-1700  
NOON (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	2.1	3.3	.9								6.9	7.5
NNE	.8	.8	1.7	.4								3.7	7.0
NE	.3	1.0	1.7	.1								3.1	6.8
ENE	.1	1.1	1.4	.1								2.8	6.8
E	.2	2.1	2.1	.1								4.6	6.7
ESE	.4	1.7	2.8	.3								5.2	7.0
SE	.1	1.2	2.4	.6								4.3	7.9
SSE	.7	1.2	3.3	.8	.1	.1						6.2	8.1
S	.4	3.2	8.4	2.8	.1							15.0	8.6
SSW	.2	2.3	5.7	2.8	.1							11.1	9.0
SW	.6	2.4	5.1	1.9								10.0	8.1
WSW	.2	1.6	3.0	1.0								5.8	8.2
W	.1	1.4	1.8	.2			.1					3.7	7.9
WNW	.1	1.3	2.0	1.0	.2							4.7	8.8
NW	.2	1.4	1.1	2.7	.7							6.1	10.9
NNW	.6	.6	2.3	1.8	.1							5.3	9.3
VARBL													
CALM												1.6	
	5.7	25.6	48.2	17.4	1.3	.1	.1					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13705      ANDREWS AFB MD      69-70,73-80      JUN

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

1800-2000

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.7	1.8	.6	.1							6.1	6.7
NNE	.3	1.1	.6	.1								2.1	5.9
NE	.7	1.0	1.2	.1								3.0	5.9
ENE	.6	1.4	.9									2.9	5.4
E	1.6	2.6	1.3	.1								5.6	5.1
ESE	1.4	3.1	1.4									6.0	4.6
SE	1.1	3.1	1.8									6.0	5.5
SSE	.8	5.7	4.4	.7								11.6	6.8
S	2.1	8.6	5.6	1.2	.2							17.7	6.4
SSW	1.4	2.0	3.7	.3								7.4	6.4
SW	1.4	2.2	1.9	.2								5.8	5.6
WSW	.7	1.4	.8	.1								3.0	5.6
W	.8	1.7	.4	.1								3.0	4.9
WNW	.2	1.3	1.2	.1								2.9	6.5
NW	.3	1.3	1.9	.8	.1	.1						4.6	8.5
NNW	.1	1.1	1.6	1.6	.1							4.4	9.3
VARBL													
CALM												8.0	
	14.6	40.3	30.4	6.0	.6	.1						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 1375 STATION NAME ANDREWS AFB MD YEARS 69-70, 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	1.2	2.0	.8	.7								4.7	6.0
NNE	.4	.7	.4									1.6	4.9
NE		1.1	.6									1.7	5.7
ENE	1.3	1.2										2.6	3.4
E	1.9	1.2										3.0	3.3
ESE	.7	1.1	.6									2.3	5.2
SE	.6	1.8	.7	.1								3.1	5.4
SSE	1.9	3.7	3.4	.4								9.4	5.8
S	4.9	12.3	4.8	.3								22.3	5.2
SSW	2.7	2.8	2.7	.2	.1							7.8	6.0
SW	1.2	2.2	1.7	.2								4.7	5.5
WSW	.6	1.7	.2	.2								2.7	5.4
W	1.1	2.4	.2									3.8	4.1
WNW	.3	1.6	.3	.2								2.4	5.5
NW	.3	1.2	1.0	.3	.1							3.0	7.4
NNW	.4	.9	1.4	.7								3.4	8.0
VARBL													
CALM												21.6	
	18.8	37.9	18.1	3.4	.2							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WIND

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

STATION 1775 STATION NAME ANDREWS AFB MD YEARS 60-70,73-80 MONTH JUN  
 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	%	ME. WIND SPE
N	1.0	2.6	2.4	.8	.0							6.8	6
NNE	.6	1.1	1.2	.2								3.0	6
NE	.4	1.3	1.2	.2	.0							3.1	6
ENE	.6	1.7	.7	.1								2.4	5
E	.8	1.4	.9	.1								3.3	5
ESE	.7	1.3	.9	.0								2.9	5
SE	.5	1.2	.9	.1								2.8	5
SSE	1.1	2.3	2.1	.3	.0	.0						5.8	6
S	2.7	6.2	4.9	1.2	.0							15.0	6
SSW	1.4	2.6	4.2	1.3	.7							9.6	7
SW	1.2	2.8	3.6	.9	.7							8.6	6
WSW	1.0	2.0	2.0	.5								5.4	6
W	1.2	2.4	1.2	.2			.0					5.0	5
WNW	.4	1.3	1.4	.5	.1	.0						3.7	7
NW	.4	1.6	1.6	1.4	.2	.1						5.2	8
NNW	.3	1.1	1.6	1.0	.1							4.0	8
VARBL													
CALM												13.5	
	14.3	32.2	30.7	8.7	.4	.1	.0					100.0	5

TOTAL NUMBER OF OBSERVATIONS 72

AD-A110 236

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2  
ANDREWS AFB, WASHINGTON DC REVISED UNIFORM SUMMARY OF SURFACE W--ETC(U)  
OCT 81

UNCLASSIFIED

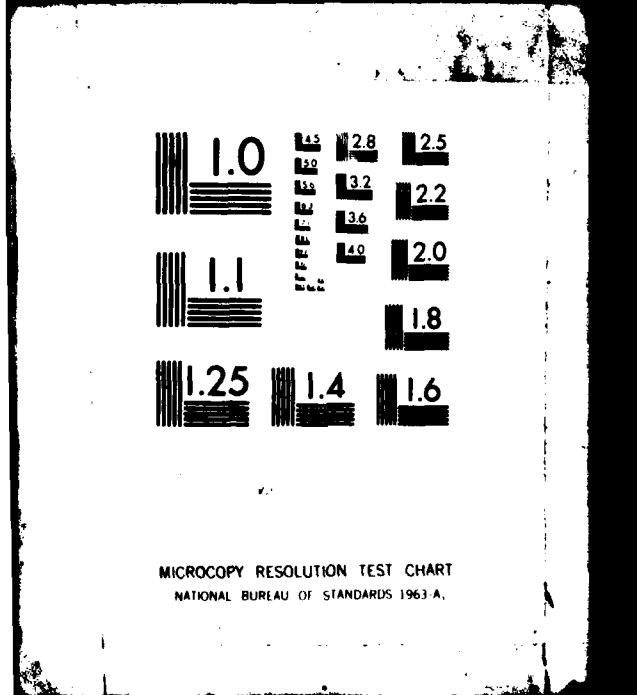
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SBI-AD-E850 121

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2-6  
50  
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# 10238





GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 13705 STATION NAME ANDREWS AFB MD YEARS 69-70,73-80 MONTH JUL  
 CLASS ALL WEATHER HOURS (L.S.T.) 0000-0200

SPEED (KNTS) DIR.	1 - 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	3.9	.9									5.8	4.9
NNE	.3	1.2	.3	.1								1.9	5.7
NE	.6	.9	.1									1.6	3.9
ENE	.5	.6	.1									1.3	3.9
E	.8	1.3	.1									2.2	4.1
ESE	1.0	.5	.1									1.6	3.4
SE	.2	1.0	.1									1.3	4.5
SSE	1.1	1.5	.3									2.9	4.2
S	4.1	6.0	1.5	.1								11.7	4.4
SSW	2.4	4.0	3.1	.2								9.7	5.6
SW	2.5	4.2	3.9	.1								10.6	5.6
WSW	.9	2.3	1.3									4.4	5.4
W	2.6	2.0	1.0									5.6	4.2
WNW	1.0	2.0	.9	.2								4.1	5.4
NW	.8	1.4	1.1									3.2	5.3
NNW	.4	1.5	1.3	.3								3.5	6.7
VARBL													
CALM												28.5	
	20.1	34.3	16.0	1.1								100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13705  
STATION

ANDREWS AFB MD  
STATION NAME

69-70,73-80  
YEARS

JUL  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	5.4	1.7									9.6	4.7
NNE	1.0	1.8	.8	.1								3.7	5.2
NE	.5	1.2	.2									1.9	4.4
ENE	.5	.4		.1								1.1	4.3
E	.4	.9	.5									1.8	5.2
ESE	.2	.3										.5	3.2
SE	.3	.3										.6	3.7
SSE	.2	1.2	.1									1.5	4.8
S	3.8	3.9	.8	.3								8.7	4.3
SSW	1.6	4.7	2.2		.1							8.6	5.4
SW	2.2	3.8	3.0	.2								9.1	5.5
WSW	1.4	2.5	1.2	.1								5.2	5.3
W	2.0	2.5	.4	.1								5.1	4.2
WNW	1.1	1.2	.6	.3								3.2	5.6
NW	.5	1.8	1.2	.1								3.7	6.1
NNW	1.0	1.8	.8									3.5	4.8
VARBL													
CALM												32.2	
	19.2	33.7	13.4	1.4	.1							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13705  
STATION

ANDREWS AFB MD  
STATION NAME

69-70, 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	2.0	4.5	3.0	.3								9.9	5.7
NNE	.9	2.7	1.8	.3								5.7	6.0
NE	.8	1.6	.8	.3								3.4	5.6
ENE	1.2	1.2	.4	.1								2.9	4.6
E	1.0	1.4	.4	.1								2.9	4.6
ESE	.5	.4	.1									1.1	3.7
SE	.4	.1	.2									.8	4.0
SSE	.2	.6	.6									1.5	6.3
S	1.9	2.7	1.6	.2								6.5	5.3
SSW	1.0	2.7	2.7	.3								6.7	6.4
SW	1.8	4.7	4.1	.3								11.0	6.0
WSW	.5	2.2	2.7	.4								5.8	6.7
W	4.2	3.0	.6	.1								8.0	3.8
WNW	1.4	2.2	1.3	.1								5.0	5.2
NW	.8	2.6	1.7	.6								5.7	6.7
NNW	1.0	1.1	1.7	.2	.1							4.1	6.9
VARBL													
CALM												19.2	
	19.6	33.7	23.9	3.6	.1							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13705  
STATION

ANDREWS AFB MD  
STATION NAME

69-70,73-80  
YEARS

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

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	3.8	2.7	1.0	.1							9.4	6.2
NNE	1.5	2.4	1.4	.8								6.0	5.8
NE	1.3	1.9	1.1	.1								4.4	5.4
ENE	.9	2.2	.9									3.9	5.1
E	1.5	2.2	.5	.1								4.3	4.7
ESE	.5	1.8	.3									2.7	4.6
SE	.5	1.2	.6									2.4	5.2
SSE	.9	1.2	.5									2.6	4.8
S	1.1	2.5	2.6	.8								6.9	6.8
SSW	1.3	2.5	2.8	1.2								7.7	6.9
SW	.5	4.3	4.5	1.0								10.3	7.3
WSW	1.3	2.8	3.0	.2								7.3	6.3
W	1.7	4.0	1.8	.1								7.6	5.3
WNW	1.3	1.9	1.7	.2								5.2	5.9
NW	1.2	1.7	2.6	.6								6.1	6.7
NNW	.5	2.3	3.2	.6								6.7	7.5
VARBL													
CALM												6.6	
	17.8	38.5	30.3	6.7	.1							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13705  
STATION

ANDREWS AFB MD  
STATION NAME

69-70,73-80  
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	1.0	2.8	3.5	.6								8.0	7.0
NNE	.8	2.2	.8	.1								3.8	5.2
NE	.3	1.6	1.1	.2								3.2	6.7
ENE	.6	1.9	1.1									3.7	5.4
E	.8	2.3	1.3									4.3	5.5
ESE	.8	2.7	1.2									4.0	5.5
SE	.4	1.3	1.0	.2								2.9	6.6
SSE		1.4	1.4	.2								3.0	7.3
S	.5	2.5	3.7	1.0	.1							7.7	7.6
SSW	1.0	3.2	3.8	1.0								8.9	7.0
SW	1.3	2.9	4.1	1.1								9.4	7.2
WSW	.4	2.8	4.2	.2								7.6	7.0
W	1.4	3.9	4.0	.8								10.0	6.6
WNW	.6	2.5	2.9	.5								6.6	6.9
NW	.4	2.3	3.1	1.2	.1							7.1	7.9
NNW	.4	1.7	2.8	.6								5.6	7.6
VARBL													
CALM												4.3	
	10.8	37.2	39.8	7.7	.2							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 13705 STATION NAME ANDREWS AFB MD YEARS 69-70,73-80 MONTH JUL  
 CLASS ALL WEATHER HOURS (L.S.T.) 1500-1700  
 CONDITION \_\_\_\_\_

SPEED (KNTS) DIR.	1 - 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	2.4	3.8	.9								8.4	6.8
NNE	.4	1.0	1.2	.1		.1						2.8	7.2
NE	.9	1.8	.8	.3								3.8	6.1
ENE	.4	1.2	.4	.1								2.2	5.4
E	1.1	2.2	1.8	.2								5.3	5.7
ESE	.8	2.8	1.9	.2								5.7	6.1
SE	.8	1.4	3.1	.5								5.8	7.0
SSE	.6	2.3	2.2	.4								5.3	6.7
S	.2	2.4	3.8	1.5	.2							8.1	8.6
SSW	1.1	2.5	4.4	1.0								8.9	7.2
SW	.8	3.4	4.1	2.4	.1							10.8	8.0
WSW	.6	3.0	3.0	.5	.1							7.3	7.1
W	.9	2.2	2.3	.5	.1							5.9	6.7
WNW	.5	1.6	2.0	1.2	.2							5.6	8.5
NW	.3	1.7	2.4	.4	.1	.1						5.1	7.8
NNW	.4	2.3	3.5	.8								7.0	7.7
VARBL													
CALM												2.3	
	11.2	33.8	40.6	11.1	.9	.2						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13705  
STATION

ANDREWS AFB MD  
STATION NAME

69-70, 73-80  
YEARS

JUL  
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	1.7	2.9	2.0	.2	.1							7.0	6.1
NNE	1.0	1.5	1.2	.1								3.8	5.7
NE	1.0	1.0	.4									2.4	4.4
ENE	1.1	.4	.3	.3								2.2	5.2
E	1.8	2.9	.5	.3								5.6	4.8
ESE	2.7	3.9	.9		.1							7.5	4.5
SE	1.5	1.5	1.4	.1								4.5	5.3
SSE	1.0	3.4	3.0	.5								8.0	6.5
S	3.7	6.3	3.9	1.0	.1							14.9	5.6
SSW	1.7	3.2	2.7	.2								7.8	5.7
SW	1.0	2.2	3.0	.3								6.5	6.6
WSW	1.2	2.4	1.3	.3								5.2	5.9
W	.9	2.0	1.1									4.0	5.5
WNW	.4	1.4	1.2	.5								3.5	6.7
NW	.4	.9	1.5	.3	.2							3.3	7.7
NNW	.5	.5	1.0	.3								2.4	6.9
VARBL													
CALM												11.5	
	21.5	36.5	25.4	4.6	.5							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13705      ANDREWS AFB MD      69-70,73-80      JUL

STATION      STATION NAME      YEARS      MONTH

ALL WEATHER      2100-2300

CLASS      HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.5	1.0	.2								5.2	4.9
NNE	.6	.4	.3									1.4	4.4
NE	.4	.8	.3									1.5	5.0
ENE	.9	.6	.2	.1								1.8	4.5
E	1.0	1.4	.3		.1							2.8	4.5
ESE	1.3	1.4	.4									3.1	4.3
SE	.9	1.0	.3	.1								2.3	5.0
SSE	1.5	1.8	1.2	.2								4.7	5.5
S	5.9	9.7	3.4	.2								19.2	4.6
SSW	2.0	3.3	1.9									7.3	5.1
SW	1.6	2.7	1.9	.2								6.5	5.5
WSW	.8	2.4	1.0		.1							4.2	5.3
W	1.8	1.9	1.0	.1								4.8	4.7
WNW	.4	.6	.5	.1								1.7	5.8
NW		1.0	1.1	.4								2.5	7.9
NNW	.4	.6	.9	.2								2.2	6.6
VARBL													
CALM												28.8	
	21.1	32.2	15.8	1.9	.2							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS      930



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13705  
STATION

ANDREWS AFB MD  
STATION NAME

69-70, 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	1.6	3.5	2.3	.4	.0							7.9	5.8
NNE	.8	1.6	1.0	.2		.0						3.6	5.7
NE	.7	1.3	.6	.1								2.8	5.4
ENE	.8	1.1	.4	.1								2.4	4.9
E	1.0	1.8	.7	.1	.0							3.6	4.9
ESE	1.0	1.7	.6	.0	.0							3.3	4.9
SE	.6	1.0	.8	.1								2.6	5.8
SSE	.7	1.7	1.2	.2								3.7	6.0
S	2.6	4.5	2.6	.6	.1							10.5	5.6
SSW	1.5	3.3	2.9	.5	.0							8.2	6.2
SW	1.5	3.5	3.6	.7	.0							9.3	6.5
WSW	.9	2.5	2.2	.2	.0							5.9	6.2
W	1.9	2.7	1.5	.2	.0							6.4	5.2
WNW	.8	1.7	1.4	.4	.0							4.4	6.4
NW	.6	1.7	1.8	.5	.1	.0						4.6	7.1
NNW	.6	1.5	1.9	.4	.0							4.4	7.0
VARBL													
CALM												16.7	
	17.7	35.0	25.7	4.8	.3	.0						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13705  
STATION

ANDREWS AFB MD  
STATION NAME

69-70, 73-80  
YEARS

AUG  
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	2.9	1.1	.1								6.3	4.7
NNE	.5	.9	.9	.1								2.4	5.8
NE	.5	1.0	.4									1.9	4.8
ENE	.3	.2	.1									.6	4.3
E	.9	.9	.1									1.8	3.8
ESE	.5	.4										1.0	3.2
SE	.9	.6	.1									1.6	3.9
SSE	1.7	.8	.1									2.6	3.2
S	6.5	5.2	1.4									13.0	3.8
SSW	2.3	4.8	2.9	.2								10.2	5.5
SW	1.6	4.5	1.6	.1								7.8	5.2
WSW	1.4	1.5	.3									3.2	4.0
W	2.7	2.9	.3									5.9	3.7
WNW	1.0	1.0	.2									2.2	4.2
NW	1.0	1.7	.3			.1						3.1	5.2
NNW	.5	1.8	.3	.3								3.0	5.7
VARBL													
CALM												33.2	
	24.5	31.1	10.2	.9		.1						100.0	3.0

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13775  
STATION

ANDREWS AFB MD  
STATION NAME

69-70, 73-80  
YEARS

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

ALL WEATHER  
CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.0	3.7	1.4	.1								8.2	4.6
NNE	.6	1.4	.4									2.5	4.7
NE	.4	1.3	.4	.2								2.4	5.7
ENE	.4	.6	.3									1.4	4.7
E	.6	.5	.1									1.3	3.7
ESE	.3	.2										.5	3.2
SE	.4											.4	2.3
SSE	.6	.8										1.4	3.3
S	4.7	4.4	.6	.2								10.0	3.7
SSW	2.3	4.2	2.8									9.2	5.3
SW	2.5	4.7	1.2									8.4	4.5
WSW	2.2	1.9	.1									4.2	3.5
W	2.7	2.6	.4									5.7	3.6
WNW	1.0	1.0	.1									2.0	3.7
NW	1.4	2.4	.8									4.5	4.7
NNW	1.4	1.1	1.1	.2								3.8	5.3
VARBL													
CALM												34.1	
	24.6	30.8	9.8	.8								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

1375  
STATION

ANDREWS AFB MD  
STATION NAME

69-70,73-80  
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	3.3	5.4	2.7	.8								12.2	5.5
NNE	1.2	2.3	1.1	.2								4.7	5.3
NE	.8	2.5	1.2	.2								4.6	5.7
ENE	.8	.8	.3									1.8	4.1
E	.6	.5	.2	.1								1.5	4.4
ESE	.4	.5	.1									1.1	4.2
SE	.3	.1										.4	2.5
SSE	.3	.4										.8	3.6
S	2.0	2.9	.9	.2								6.0	4.4
SSW	1.9	3.5	4.3	.3								10.1	6.1
SW	1.7	4.5	3.8	.3								10.3	6.0
WSW	2.3	2.7	1.1	.1								6.1	4.7
W	2.9	2.4	.5									5.8	3.8
WNW	1.5	1.8	.3	.1								3.8	4.4
NW	.8	1.8	.8	.4								3.8	5.6
NNW	1.4	1.7	1.4	.4								4.9	5.8
VARBL													
CALM												22.0	
	22.3	33.9	18.6	3.2								100.0	4.1

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 1375 STATION NAME ANDREWS AFB MD YEARS 69-70,73-80 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	2.2	3.4	4.2	1.0	.1							10.9	6.5
NNE	1.0	2.4	2.3	.4	.1							6.1	6.8
NE	1.0	2.2	2.4	.3								5.8	6.2
ENE	1.2	2.2	1.3	.1								4.7	5.3
E	1.5	1.5	.3									3.3	4.0
ESE	.6	.6	.3									1.6	4.5
SE	.6	1.5	.4									2.6	4.8
SSE	.4	.4	.8									1.6	5.7
S	1.0	2.5	2.4									5.8	5.8
SSW	1.3	2.7	2.8	1.2								8.0	6.9
SW	1.1	4.0	3.8	.9								9.7	6.7
WSW	1.2	2.3	2.8	.5	.1							7.4	6.7
W	2.6	3.4	1.5	.3								7.8	4.9
WNW	1.7	2.4	1.5	.2								5.8	5.5
NW	1.1	2.0	2.6	.8								6.5	7.0
NNW	.9	2.2	1.4	1.1								5.5	7.0
VARBL													
CALM												6.9	
	19.2	36.1	30.6	6.8	.3							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13705  
STATION

ANDREWS AFB MD  
STATION NAME

69-70,73-80  
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	1.6	2.7	3.9	.5								8.7	6.6
NNE	.9	2.0	1.0	.5								4.4	6.3
NE	.9	1.1	1.3	.1								3.3	5.6
ENE	1.2	1.6	.6	.3								3.8	5.4
E	1.4	2.2	1.5									5.1	5.4
ESE	.9	1.0	.6									2.5	5.0
SE	.6	.6	1.0	.2								2.5	6.1
SSE	1.3	1.3	1.2									3.8	4.8
S	1.6	3.7	2.0	.8								8.1	6.3
SSW	1.1	3.4	4.1	1.0								9.6	7.0
SW	1.0	4.2	4.2	1.4								10.8	7.2
WSW	.8	2.3	2.5	.4								5.9	6.7
W	1.8	3.7	2.9	.5								8.9	6.2
WNW	.6	2.0	2.0	.4								5.2	6.8
NW	.8	3.0	2.3	.5								6.6	6.6
NNW	1.6	1.6	1.5	1.3								6.0	7.0
VARBL													
CALM												5.1	
	18.0	36.3	32.6	8.1								100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 930



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13705  
STATION

ANDREWS AFB MD  
STATION NAME

69-70,73-80  
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	1.7	2.9	2.7	.8								8.1	6.1
NNE	.6	1.1	.1	.4								2.3	6.0
NE	.3	.6	.4									1.4	4.9
ENE	.5	.6	.3									1.5	4.5
E	2.7	2.5	.6									5.8	3.9
ESE	2.4	2.9	.8									6.0	4.1
SE	1.8	2.2	1.1	.1								5.2	4.7
SSE	2.2	4.8	1.4	.2								8.6	4.8
S	5.1	8.2	2.4	.2								15.8	4.5
SSW	1.9	3.3	2.6	.5								8.4	5.8
SW	1.5	3.7	.9	.2								6.2	4.8
WSW	1.7	2.0	.6									3.7	4.7
W	2.2	1.6	.4									4.2	3.9
WNW	1.0	1.3	.6									2.9	4.7
NW	.8	1.3	1.0			.1						3.1	6.1
NNW	.4	.6	.6	.3								2.0	6.6
VARBL													
CALM												14.7	
	26.0	39.7	16.6	2.8		.1						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 929



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13705  
STATION

ANDREWS AFB MD  
STATION NAME

69-70,73-80  
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	1.4	2.2	1.1	.6								5.3	5.9
NNE	.6	.8	.3									1.7	4.3
NE	.4	.3	.1	.3								1.2	6.0
ENE	.3	.1	.2									.6	4.8
E	2.3	1.0	.6									3.9	3.7
ESE	1.0	1.1	.1	.1								2.3	3.9
SE	1.1	1.5	.3									2.9	4.3
SSE	2.5	2.7	.6	.1								5.9	4.0
S	8.0	7.6	2.4									18.0	4.0
SSW	1.9	3.9	1.4	.1								7.3	4.9
SW	1.3	2.9	1.5									5.7	5.1
WSW	1.5	1.3	.2	.1								3.1	4.1
W	2.2	2.6	.4									5.2	3.9
WNW	.4	1.1	.8									2.3	5.8
NW	.8	.8	.4		.1							2.0	5.5
NNW	.5	1.0	.8	.1								2.4	5.9
VARBL													
CALM												30.3	
	26.1	30.6	11.3	1.5	.1							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

1375  
STATION

ANDREWS AFB MD  
STATION NAME

69-70, 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	2.0	3.3	2.4	.7	.0	.0						8.5	6.0
NNE	.8	1.5	.8	.3	.0							3.4	5.8
NE	.6	1.2	.9	.2								2.9	5.7
ENE	.7	1.0	.7	.1								2.4	5.3
E	1.4	1.5	.6	.0								3.6	4.4
ESE	.9	1.3	.4	.0								2.5	4.4
SE	.9	1.1	.5	.0								2.5	4.8
SSE	1.2	1.6	.8	.1								3.6	4.8
S	3.7	4.7	2.2	.2								10.8	4.8
SSW	1.7	3.7	3.2	.6								9.2	6.2
SW	1.4	4.0	2.6	.5								8.5	6.0
WSW	1.4	2.1	1.3	.2	.0							5.0	5.4
W	2.3	2.8	1.1	.1								6.3	4.6
WNW	1.0	1.6	.9	.1	.0							3.7	5.5
NW	.9	1.8	1.3	.3	.0	.0						4.4	6.2
NNW	.9	1.4	1.1	.5								3.9	6.4
VARBL													
CALM												18.8	
	21.7	34.7	20.8	3.9	.1	.0						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS

7439

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13775      ANDREWS AFB MD      69-70, 73-80      SEP

STATION      STATION NAME      YEARS      MONTH

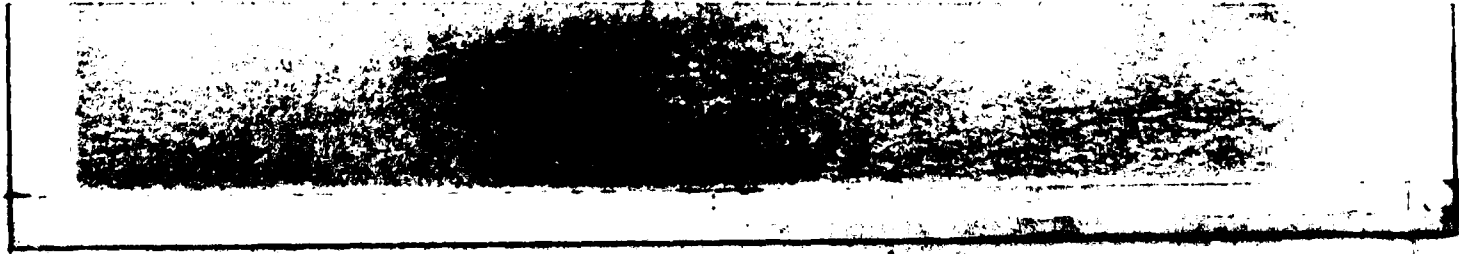
ALL WEATHER      0000-0200

CLASS      HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	4.3	2.7	.1								10.0	5.1
NNE	.3	2.1	1.8	.3								4.6	6.4
NE	.9	2.2	.4									3.6	4.8
ENE	.6	1.3	.7									2.6	5.0
E	1.3	1.2	.3	.2								3.1	4.5
ESE	.6	1.0	.3	.1								2.0	5.1
SE	.4	.6	.2									1.2	4.5
SSE	1.1	.7	.3	.4								2.6	5.7
S	4.9	4.6	1.4	.3	.1							11.3	4.5
SSW	1.7	3.9	1.7	.9								8.1	6.1
SW	1.3	2.2	2.1									5.7	5.6
WSW	1.4	2.6	.9									4.9	4.8
W	1.3	1.8	.7									3.8	4.4
WNW	.2	2.1	.3									2.7	5.2
NW	.7	1.4	1.4	.1								3.7	6.2
NNW	.2	2.3	1.8	.2								4.6	6.7
VARBL													
CALM												25.8	
	19.9	34.3	17.1	2.8	.1							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS      900



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

1375  
STATION

ANDREWS AFB MD  
STATION NAME

69-70,73-80  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.1	5.6	2.1	.7								10.4	5.6
NNE	.7	2.8	2.3	.6								6.3	6.6
NE	1.2	1.7	.9	.2								4.0	5.3
ENE	.8	1.8	.6									3.1	4.7
E	.4	1.1	.3	.1								2.0	5.1
ESE	.3	.6	.2									1.1	5.1
SE	.7	.2	.6									1.4	4.5
SSE	.7	.6	.1	.2								1.6	5.0
S	4.2	2.7	.3	.3								7.6	3.9
SSW	2.2	4.6	1.9	.9								9.6	5.8
SW	1.4	3.3	1.6	.3								6.7	5.7
WSW	1.4	1.4	.1									3.0	3.6
W	1.7	2.9	.6									5.1	4.5
WNW	.3	1.0	.1									1.4	3.9
NW	.2	2.0	1.3									3.6	6.0
NNW	.8	2.6	2.1	.2								5.7	6.2
VARBL													
CALM												27.4	
	19.2	34.7	15.1	3.6								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 1375 STATION NAME ANDREWS AFB MD YEARS 69-70, 73-80 MONTH SEP  
STATION NAME YEARS MONTH  
 CLASS ALL WEATHER MONTHS (L.S.T.) 0600-0800  
CLASS MONTHS (L.S.T.)  
 CONDITION \_\_\_\_\_  
CONDITION

SPEED (KNTS) DIR.	1 - 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	5.1	3.7	.8								11.9	5.9
NNE	1.3	2.4	3.1	.3								7.2	6.2
NE	1.2	3.0	1.4	.1								5.8	5.2
ENE	.9	2.1	1.0	.2								4.2	5.7
E	.6	1.2	.7	.1								2.6	5.2
ESE	.4	.2	.1									.8	3.9
SE	.7	.6	.1									1.3	3.8
SSE	.7	.4	.3									1.4	5.0
S	2.6	2.2	1.6	.4								6.8	5.0
SSW	1.3	3.3	2.6	1.0								8.2	6.5
SW	1.8	3.0	1.6	.8								7.1	6.0
WSW	1.0	2.4	.2	.1								3.8	4.8
W	2.0	2.6	.6									5.1	4.0
WNW	.6	1.9	.6	.1								3.1	4.9
NW	.7	1.1	1.2	.3								3.3	6.2
NNW	.4	2.3	2.8	.7								6.2	7.4
VARBL													
CALM												21.1	
	18.4	34.0	21.4	5.0								100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

137 5  
STATION

ANDREWS AFB MD  
STATION NAME

69-70,73-80  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	2.2	5.0	1.7								9.7	8.0
NNE	.8	1.3	3.6	.6								6.2	7.3
NE	1.0	2.3	2.1	.4								5.9	6.3
ENE	1.0	2.6	3.3	.1								7.0	6.1
E	1.7	3.4	2.1	.4								7.0	6.2
ESE	.8	1.3	.9									3.0	5.1
SE	.3	.8		.1								1.2	5.2
SSE	.4	1.1	.6	.4								2.6	6.4
S	.6	2.4	1.8	.3								5.1	6.5
SSW	1.2	2.7	4.2	1.9								10.0	7.6
SW	1.2	2.8	3.0	1.9								8.9	7.6
WSW	1.0	1.9	1.8	.7								5.3	6.8
W	2.0	2.4	1.2	.1								5.8	4.9
WNW	.8	1.7	1.9	.3								4.7	6.5
NW	.7	1.3	2.4	1.7								6.1	8.3
NNW	.6	1.0	2.3	2.0	.1	.1						6.1	9.4
VARBL													
CALM												5.4	
	14.1	31.3	36.2	12.7	.1	.1						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13715  
STATION

ANDREWS AFB MD  
STATION NAME

69-70, 73-80  
YEARS

SEP  
MONTH

ALL WEATHER

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	2.9	3.7	1.2								8.6	7.6
NNE	.7	1.3	2.0	.3								4.3	6.9
NE	.8	2.2	1.6	.3								4.9	6.0
ENE	.4	1.3	1.9	.3								4.0	6.9
E	1.6	2.4	2.1	.4								6.6	5.9
ESE	.9	1.8	.9									3.6	5.2
SE	.6	1.9	1.1									3.6	5.9
SSE		1.7	.9	.1								2.0	6.8
S	.7	2.4	1.8	1.1								6.0	7.4
SSW	1.4	2.7	3.6	2.1								9.8	8.0
SW	1.1	2.8	3.7	2.0								9.6	7.9
WSW	.7	2.2	2.8	.8								6.4	7.0
W	1.0	3.4	2.1	.3								6.9	5.9
WNW	.7	1.6	2.1	.9								5.2	7.5
NW	1.0	.8	3.9	1.8	.1							7.6	8.6
NNW	.9	1.0	3.3	1.2								6.4	8.3
VARBL													
CALM												4.7	
	13.1	31.8	37.3	13.0	.1							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

1375 STATION      ANDREWS AFB MD STATION NAME      69-70,73-80 YEARS      SEP MONTH  
 ALL WEATHER CLASS      1500-1700 HOURS (L.S.T.)  
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.8	3.3	1.4								6.9	8.2
NNE	.2	1.7	1.9	.2								4.0	6.6
NE	.6	1.9	1.8	.3								4.6	6.4
ENE	.6	1.8	1.1	.7								4.1	7.1
E	1.1	3.1	1.9	.2								6.3	5.8
ESE	.7	3.7	1.9	.1								6.3	5.7
SE	1.1	1.6	1.0	.1								3.8	5.3
SSE	.3	1.9	1.1	.2								3.6	6.3
S	1.0	2.9	4.2	.8								8.9	6.8
SSW	.6	3.8	6.0	1.8								12.1	7.7
SW	.8	3.2	3.6	.9	.1							8.6	7.2
WSW	.4	2.9	1.7	.3								5.3	6.2
W	.6	2.2	1.6	.2	.1							4.7	6.2
WNW	.4	1.2	.9	.4	.1							3.1	7.6
NW	1.1	1.1	3.3	1.8	.1							7.4	8.5
NNW	.3	1.8	2.8	1.0	.1							6.0	8.1
VARB													
CALM												4.3	
	10.1	36.4	38.0	10.6	.6							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 900



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

1775  
STATION

ANDREWS AFB MD  
STATION NAME

69-70,73-80  
YEARS

SEP  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	3.3	2.6	.4								7.8	5.8
NNE	.3	2.0	1.3	.1								3.8	6.1
NE	.4	1.3	1.1	.1								3.0	6.0
ENE	1.0	2.4	.6									4.0	4.6
E	1.9	2.8	1.4	.1								6.2	4.7
ESE	2.4	3.7		.2	.1							6.4	4.2
SE	1.0	2.4	.6	.1								4.1	4.7
SSE	1.8	4.4	1.4	.4								8.1	5.2
S	4.3	9.7	1.7	.7								16.3	4.7
SSW	1.7	1.8	1.7	.1								5.2	5.3
SW	1.8	2.0	.4									4.2	4.4
WSW	.9	1.2										2.1	3.6
W	.2	.8	.1									1.1	4.6
WNW	.3	1.1	.8	.2								2.4	6.3
NW	.4	1.0	1.4	.9								3.8	7.9
NNW	.7	2.0	1.9	.7								5.2	6.9
VARBL													
CALM												16.1	
	20.7	42.0	17.0	4.1	.1							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 906

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 137 S STATION NAME ANDREWS AFB MD YEARS 69-70, 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	1.7	4.7	1.9	.2								8.4	5.3
NNE	.9	1.7	1.0	.4								4.0	6.2
NE	.9	1.3	1.1									3.3	5.3
ENE	1.0	1.8	.8									3.6	4.7
E	1.1	1.4	.2	.2								3.0	4.7
ESE	.3	1.6	.7									2.6	5.7
SE	.9	.8	.2	.2								2.1	5.3
SSE	1.9	2.3	.4	.1								4.8	4.4
S	5.2	7.3	3.3	.6								16.4	5.1
SSW	1.9	2.2	2.3	.3								6.8	5.9
SW	.9	2.4	1.4	.1								4.8	5.7
WSW	.2	2.0	.2									2.4	4.8
W	1.6	2.1	.3									4.0	4.1
WNW	.4	.4	.1	.1		.1						1.2	7.4
NW	.4	.8	1.0	.4								2.7	7.7
NNW	.3	1.4	2.0	.3	.1							4.2	7.3
VARBL													
CALM												25.7	
	19.6	34.3	17.1	3.1	.1	.1						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

137 5      ANDREWS AFB MD      69-70,73-80      SEP

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	3.7	3.1	.8								9.2	6.4
NNE	.7	1.9	2.1	.4								5.1	6.6
NE	.9	2.0	1.3	.2								4.4	5.7
ENE	.8	1.9	1.2	.2								4.1	5.7
E	1.1	2.1	1.1	.2								4.6	5.4
ESE	.8	1.7	.6	.1	.0							3.2	5.1
SE	.7	1.1	.5	.1								2.3	5.1
SSE	.9	1.6	.7	.2								3.3	5.4
S	2.9	4.3	2.0	.6	.0							9.8	5.3
SSW	1.5	3.1	3.0	1.1								9.7	6.8
SW	1.3	2.7	2.2	.7	.0							5.9	6.5
WSW	.9	2.1	1.0	.2								4.2	5.6
W	1.3	2.3	.9	.1	.0							4.6	4.9
WNW	.5	1.4	.8	.3	.0	.0						3.0	6.4
NW	.7	1.2	2.0	.9	.0							4.8	7.7
NNW	.5	1.8	2.4	.8	.0	.0						5.6	7.6
VARBL													
CALM												16.3	
	16.9	34.9	24.9	6.8	.1	.0						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS      7200

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

1375  
STATION

ANDREWS AFB MD  
STATION NAME

69-70, 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 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	3.1	3.4	1.5	.1							9.5	7.2
NNE	.6	1.5	1.9									4.1	5.7
NE	.3	1.5	1.7	.1								3.7	6.6
ENE	1.1	1.0	1.0	.2								3.2	5.5
E	.8	.6	.8	.3								2.5	6.1
ESE	.5	.5	.3	.1								1.5	5.1
SE	.2	.4	.2	.1								1.0	6.0
SSE	.5	1.4	.3	.1								2.4	4.9
S	3.4	4.7	1.9	.2	.1							10.4	5.0
SSW	1.8	3.1	1.7	.5								7.2	5.5
SW	1.8	2.7	.5	.1	.1							5.3	4.7
WSW	1.0	1.8	1.0	.1								3.9	5.3
W	.9	2.5	1.3	.3	.1							5.1	6.0
WNW	1.2	2.2	1.0	.6	.1							5.1	6.3
NW	.6	1.4	1.9	.6	.1		.1					4.8	7.9
NNW	1.0	1.3	1.9	.9	.2							5.3	7.9
VARBL													
CALM												25.3	
	17.1	29.8	21.0	5.9	.9		.1					100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

137.5  
STATION

ANDREWS AFB MD  
STATION NAME

69-70, 73-80  
YEARS

OCT  
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	2.7	5.2	3.7	1.0								12.5	6.1
NNE	.4	1.2	1.4	.3								3.3	6.8
NE	1.4	2.3	1.1	.2								4.9	5.5
ENE	.4	1.3	1.6	.2								3.5	6.8
E	.5	.6	.5	.1								1.8	5.5
ESE	.5	.6	.3									1.5	4.7
SE		.1	.2									.3	7.3
SSE	.1	.3		.1								.5	5.4
S	1.7	2.5	2.3	.4								6.9	5.8
SSW	2.0	4.3	2.3	.4	.1							9.1	5.7
SW	1.7	3.1	.4	.2								5.5	4.5
WSW	.8	1.6	.4									2.8	4.6
W	1.3	2.7	.9	.4								5.3	5.7
WNW	.8	2.2	1.5	.5	.2							5.2	7.1
NW	.9	.9	2.0	1.2	.2							5.2	8.1
NNW	.8	1.0	2.7	1.0	.1							5.5	7.9
VARBL													
CALM												26.1	
	16.0	29.8	21.3	6.1	.6							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

1375  
STATION

ANDREWS AFB MD  
STATION NAME

69-70, 73-80  
YEARS

OCT  
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	2.2	6.5	4.4	1.5								14.5	6.5
NNE	.6	2.4	1.7	.4								5.2	6.6
NE		1.6	1.6									3.2	6.7
ENE	.4	1.6	1.9	.5								4.5	7.2
E	.8	1.2	.8									2.7	5.0
ESE	.1	.2	.8									1.1	7.0
SE		.1	.2									.3	7.3
SSE	.4	.4		.2		.1						1.2	7.0
S	1.9	3.2	1.5	.2								6.9	5.2
SSW	1.3	2.8	3.2	.4								7.7	6.4
SW	1.3	2.4	2.4	.3								6.3	6.0
WSW	1.0	1.6	.4	.1								3.1	4.7
W	1.3	2.9	1.5	.2								5.9	5.6
WNW	.4	2.4	1.8	.4	.2	.1						5.4	7.5
NW	.4	1.7	2.0	.6	.2							5.1	7.7
NNW	.9	1.8	2.0	1.6								6.3	8.0
VARBL													
CALM												20.5	
	13.0	32.8	26.3	6.7	.4	.2						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

137 5      ANDREWS AFB MD      69-70,73-80      OCT

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

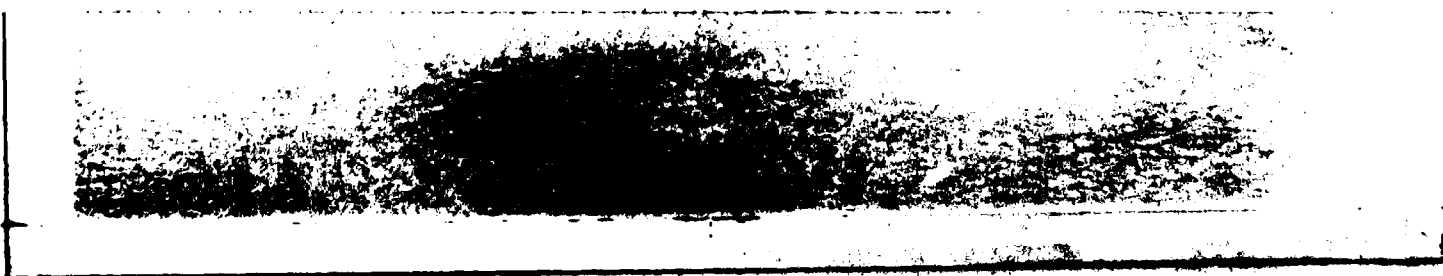
0900-1100

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	4.2	4.7	2.8	.2							13.1	8.0
NNE	.3	1.2	1.7	.4								3.7	7.3
NE	.4	2.7	2.9	1.0								7.0	7.5
ENE	.6	3.0	1.6	.4	.1							5.8	6.6
E	.6	1.4	2.3	.3								4.6	6.6
ESE	.4	1.6	.8	.3	.1							3.2	6.5
SE	.6	.5	.3	.2								1.7	5.5
SSE	.4	.6	.2									1.3	4.8
S	.8	1.9	1.6	.5	.1							4.9	6.9
SSW	.9	1.5	2.7	1.3	.1							6.5	8.0
SW	1.7	2.4	4.2	1.1	.1							9.5	7.3
WSW	.5	1.6	2.3	.1								4.5	6.6
W	1.3	1.6	1.9	1.2								6.0	7.4
WNW	.2	1.3	2.6	2.8	.1	.2						7.2	10.1
NW	.4	1.2	2.9	4.5	.2							9.2	10.5
NNW	.4	1.0	2.6	2.0	.1							6.1	9.4
VARBL													
CALM												5.6	
	11.0	27.7	35.3	19.0	1.2	.2						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS      930



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

1375 STATION ANDREWS AFB MD 69-70,73-80 YEARS OCT MONTH  
 CLASS ALL WEATHER 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	1.6	2.2	2.6	1.7	.2							8.3	7.8
NNE	.3	1.5	1.8	.2								3.9	6.9
NE	.5	2.2	1.2	.6								4.5	6.6
ENE	.1	1.2	1.4	.8								3.4	8.0
E	.3	2.0	1.9	.4								4.7	7.0
ESE	.8	1.2	1.7	.4								4.1	6.7
SE	.1	1.3	.9									2.3	6.0
SSE	.1	.6	.5	.1								1.4	6.8
S	1.0	2.2	2.0	1.7								6.9	7.4
SSW	.6	1.9	2.6	1.3	.2							6.7	8.2
SW	1.1	2.5	2.8	2.2	.2							8.7	8.3
WSW	.9	2.2	2.4	.3	.1							5.8	6.6
W	1.6	2.8	2.3	1.5								8.2	6.9
WNW	.9	1.7	3.8	2.5	.1	.2						9.1	8.9
NW	.4	2.0	3.0	4.6	.4							10.5	10.2
NNW	.2	2.0	2.7	2.4	.4	.1						7.8	9.5
VARBL													
CALM												3.7	
	10.5	29.5	33.5	20.8	1.7	.3						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 930



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13705  
STATION

ANDREWS AFB MD  
STATION NAME

69-70,73-80  
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	.4	2.7	3.0	1.1	.4							7.6	8.0
NNE	.3	.5	.6	.3								1.8	6.6
NE	.2	1.0	1.2	.3								2.7	7.2
ENE	1.0	2.0	1.3	.4								4.7	6.1
E	1.4	3.1	3.0	.3								7.8	6.1
ESE	.5	2.7	1.9	.3								5.5	6.3
SE	.4	1.5	.8	.1								2.8	5.6
SSE	.2	1.2	1.0	.2								2.6	7.1
S	1.2	3.5	3.0	.9	.1							8.7	6.8
SSW	1.4	4.7	3.4	1.2								10.8	6.6
SW	.9	3.8	2.8	1.1								8.5	6.8
WSW	.8	1.3	1.2	.4	.1							3.8	6.7
W	1.0	1.3	.8	.2		.2						3.4	6.8
WNW	.1	1.8	1.9	2.2	.3							6.3	9.7
NW	.4	2.2	3.7	3.5	1.0							10.8	10.3
NNW	.2	1.6	1.8	3.5	.8							8.0	10.8
VARBL													
CALM												4.2	
	10.4	34.9	31.4	16.1	2.7	.2						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

1375  
STATION

ANDREWS AFB MD  
STATION NAME

69-70,73-80  
YEARS

OCT  
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	2.0	3.8	2.0	1.3								9.1	6.3
NNE	.3	.8	1.0									2.0	6.1
NE	1.1	1.1	.4									2.6	4.3
ENE	1.4	1.3	1.3	.1								4.1	5.4
E	1.7	3.4	1.3	.1								6.6	5.3
ESE	1.2	2.6	.9	.3								4.9	5.3
SE	1.9	2.3	.2									4.4	3.8
SSE	2.0	2.5	.6	.2								5.4	4.7
S	5.2	8.0	.6	.3								14.1	4.3
SSW	2.0	2.3	1.0	.6	.1							6.0	5.6
SW	.9	1.5	.3	.2								2.9	4.8
WSW	.4	.5	.3	.1								1.4	5.8
W	.8	.8	.2	.4								2.2	6.4
WNW	.6	1.6	1.3	1.0								4.5	7.4
NW	.6	1.6	2.7	1.1	.3							6.3	8.6
NNW	.4	1.7	3.0	1.2	.6	.1						7.1	9.2
VARBL													
CALM												16.3	
	22.7	35.6	17.2	7.0	1.1	.1						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13705      ANDREWS AFB MD      69-70,73-80      OCT  
STATION      STATION NAME      YEARS      MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	3.0	2.9	1.1								8.4	6.7
NNE	.4	1.9	.8									3.1	5.4
NE	.3	1.0	1.2									2.5	6.5
ENE	.2	1.7	.9									2.8	5.7
E	.6	2.4	1.5	.2								4.7	5.8
ESE	.9	1.9	.5	.3								3.7	5.5
SE	.3	.6	.2									1.2	5.2
SSE	1.1	2.3	.9									4.2	4.6
S	4.5	5.4	3.0	.5								13.4	5.0
SSW	1.7	2.5	1.3	.6								6.1	5.9
SW	1.2	1.5	2.3	.4	.1							5.5	6.6
WSW	1.2	.9	.8									2.8	4.6
W	1.1	1.7	.8	.3								3.9	5.5
WNW	.8	1.5	.4	1.0	.1							3.8	7.4
NW		2.0	2.0	1.0	.1	.1						5.3	8.5
NNW	.3	1.0	2.8	1.1	.1							5.3	8.7
VARBL													
CALM												23.4	
	16.0	31.3	22.2	6.6	.4	.1						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS      930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

137.5  
STATION

ANDREWS AFB MD  
STATION NAME

69-70, 73-80  
YEARS

OCT  
MONTH

ALL WEATHER  
CLASS

ALL  
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	3.8	3.3	1.5	.1							10.4	7.0
NNE	.4	1.4	1.4	.2								3.4	6.5
NE	.5	1.7	1.4	.3								3.9	6.5
ENE	.7	1.6	1.4	.3	.0							4.0	6.4
E	.8	1.9	1.5	.2								4.4	6.0
ESE	.6	1.4	.9	.2	.0							3.2	5.9
SE	.5	.9	.4	.1								1.7	5.2
SSE	.6	1.2	.4	.1		.0						2.4	5.3
S	2.5	3.9	2.0	.6	.0							9.0	5.5
SSW	1.5	2.9	2.3	.8	.1							7.5	6.5
SW	1.3	2.5	2.0	.7	.1							6.5	6.5
WSW	.8	1.4	1.1	.1	.0							3.5	5.8
W	1.1	2.0	1.2	.6	.0	.0						5.0	6.3
WNW	.6	1.8	1.8	1.4	.1	.1						5.8	8.3
NW	.5	1.6	2.5	2.2	.3	.0	.0					7.2	9.3
NNW	.5	1.4	2.4	1.7	.3	.0						6.4	9.0
VARBL													
CALM												15.6	
	14.6	31.4	26.0	11.0	1.1	.1	.0					100.0	5.8

TOTAL NUMBER OF OBSERVATIONS

7440

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

1375  
STATION

ANDREWS AFB MD  
STATION NAME

69-70,73-80  
YEARS

NOV  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.3	1.9	.4	.2							6.8	6.3
NNE	.2	1.2	.6	.2								2.2	6.3
NE	.7	1.7	1.1	.1								3.6	5.8
ENE	.7	1.0	1.0									2.7	5.7
E	.6	1.7	.9	.4								3.6	6.3
ESE	.2	.8	.4									1.4	5.6
SE	.6	.8	.8	.2								2.3	6.1
SSE	.4	2.2	.4	.1								3.2	4.8
S	1.4	2.7	1.4	.9								6.5	6.2
SSW	1.6	2.6	2.2	.7								7.0	6.1
SW	1.0	2.1	3.3	1.0								7.5	7.2
WSW	.9	1.4	.7									3.0	5.0
W	1.6	2.9	1.1	.8	.1	.2						6.7	6.7
WNW	.6	1.3	3.9	1.3	.4	.1						7.7	9.2
NW	.3	1.4	3.4	3.0	.3							8.6	9.6
NNW	1.2	1.1	2.4	2.6	.7							8.0	9.5
VARBL													
CALM												19.4	
	13.3	27.7	25.7	11.8	1.8	.3						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

137 5      ANDREWS AFB MD      69-70,73-80      NOV  
STATION      STATION NAME      YEARS      MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.9	1.8	.6	.1							6.4	6.3
NNE	.4	1.9	.8	.2								3.3	5.8
NE	.8	2.3	.8									3.9	5.1
ENE	.7	1.0	1.3									3.0	5.9
E	.8	.9	1.0	.3								3.0	6.6
ESE	.6	.4	.1									1.1	3.8
SE	.4	.8	.3	.1								1.7	5.3
SSE	.7	.9	.2	.2								2.0	5.7
S	2.0	2.9	1.9	.3								7.1	5.3
SSW	.9	2.3	1.0	.4								4.7	5.6
SW	1.1	3.9	3.2	.2								8.4	6.2
WSW	.9	1.9	1.3	.1								4.2	5.4
W	2.0	2.9	1.6	.7	.1							7.2	6.0
WNW	.8	2.3	2.8	1.3	.1	.1						7.4	8.1
NW	1.1	1.9	3.1	3.4	.3	.1						10.0	9.4
NNW	.6	1.2	2.2	1.7	.7							6.3	9.9
VARBL													
CALM												20.1	
	14.8	30.4	23.4	9.7	1.3	.2						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS      900

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

137.5      ANDREWS AFB MD      69-70,73-80      NOV  
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	1.8	2.8	2.2	.8	.2	.1						7.9	6.7
NNE	1.2	3.1	.9	.1								5.3	5.2
NE	.4	1.4	.8									2.7	5.7
ENE	.2	1.1	2.1									3.4	6.9
E	.2	1.4	.9	.3								2.9	6.7
ESE	.3	1.2										1.6	4.6
SE	.4	.4	.2									1.1	4.6
SSE	.4	1.0	.6	.2								2.2	6.3
S	1.2	1.8	1.3	.7	.1							5.1	6.2
SSW	2.1	1.9	2.0	.7								6.7	6.1
SW	1.2	3.3	2.3	.1								7.0	5.9
WSW	1.4	2.1	.9	.1								4.6	4.7
W	1.1	2.4	1.9	.7	.1							6.2	6.4
WNW	.2	2.2	3.4	3.0	.2							9.1	9.2
NW	.2	.6	3.3	3.1	.3							7.6	10.6
NNW	.6	1.2	1.6	1.7	.1	.1						5.2	9.3
VARBL													
CALM												21.4	
	13.2	28.1	24.4	11.4	1.1	.2						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS      900

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

137 5  
STATION

ANDREWS AFB MD  
STATION NAME

69-70,73-80  
YEARS

NOV  
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	.6	1.7	2.9	.7	.4							6.4	8.0
NNE	1.4	1.6	1.8									4.8	5.3
NE	.8	1.7	.7									3.1	5.4
ENE	.6	2.1	2.1	.1								4.9	6.5
E	.3	2.3	1.7									4.3	6.2
ESE	.2	.8	.8	.4								2.2	7.6
SE	.6	.7	.2	.4								1.9	6.5
SSE	.1	.0	.9	.4	.1							2.4	8.2
S	.7	1.8	2.1	.7	.1							5.3	7.6
SSW	.8	2.0	3.2	2.0	.3							8.3	8.6
SW	.9	1.9	3.9	1.9	.1	.1						8.8	8.3
WSW	.6	2.4	1.1	.9	.1							4.9	7.1
W	1.2	2.7	2.3	1.0	.1							7.3	7.0
WNW	.4	1.3	2.8	2.7	1.0	.1						8.3	10.7
NW	.6	1.0	3.6	5.4	1.1	.1						11.8	11.4
NNW	.6	.8	3.3	2.9	1.6	.1						9.2	11.4
VARBL													
CALM												5.9	
	10.7	25.1	33.3	19.6	5.0	.4						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS

900



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 137 5 STATION NAME ANDREWS AFB MD YEARS 69-70, 73-80 MONTH NOV  
 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	.7	2.0	2.4	1.4	.4							7.0	8.4
NNE	.6	1.3	1.2	.3	.1							3.6	6.7
NE	.6	1.6	1.0	.2								3.3	5.9
ENE	1.0	.9	1.4									3.3	5.8
E	.7	1.8	1.3	.1								3.8	6.1
ESE	.2	1.7	1.0									2.9	5.7
SE	.2	1.4	1.1	.4								3.2	7.3
SSE	.2	.7	.4	.8								2.1	9.2
S	.7	1.1	2.2	1.7	.1							5.8	8.7
SSW	.1	2.3	3.4	3.2	.1							9.2	9.3
SW	.6	1.9	3.9	1.6	.3	.1	.1					8.4	9.3
WSW	.8	2.1	2.4	1.2								6.6	7.6
W	.6	2.6	2.9	1.4	.3	.2						8.0	8.5
WNW	1.0	1.1	3.4	2.7	.7	.4						9.3	10.4
NW	.6	1.0	4.8	5.2	1.2	.8	.1					13.7	12.1
NNW	.3	.3	1.9	2.4	1.1							6.1	11.8
VARBL													
CALM												3.7	
	8.6	23.8	35.0	22.8	4.4	1.6	.2					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13755  
STATION

ANDREWS AFB MD  
STATION NAME

69-70, 73-80  
YEARS

NOV  
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	.7	1.8	3.1	1.2	.2							7.0	8.1
NNE	.9	1.2	1.1	.6								3.8	6.6
NE	.4	1.4	1.2	.2								3.3	6.4
ENE	.8	1.4	1.3	.2								3.8	6.1
E	.3	1.7	1.6									3.6	6.0
ESE	.6	2.0	1.0	.2								3.8	5.6
SE	.3	1.2	1.2	.2								3.0	7.0
SSE	.4	1.8	.9	.7	.1							3.9	7.3
S	.3	3.4	3.2	1.3	.1							8.4	7.5
SSW	1.4	2.0	2.9	1.4	.1		.1					8.0	7.7
SW	.9	1.8	2.2	1.7	.1	.2						6.9	8.5
WSW	.6	1.1	1.1	.3	.1							3.2	7.2
W	1.0	1.8	1.6	1.3	.2							5.9	7.7
WNW	1.0	1.9	2.6	1.4	.6	.1						7.6	8.6
NW	.6	2.1	5.3	4.7	1.4	.7						14.8	11.2
NNW	.2	1.2	2.8	2.6	.6	.2						7.6	11.0
VARBL													
CALM												5.6	
	10.4	27.9	33.1	18.1	3.6	1.2	.1					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13715  
STATION

ANDREWS AFB MD  
STATION NAME

69-70, 73-80  
YEARS

NOV  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	3.6	2.4	.4	.1							7.0	6.7
NNE	.6	1.6	1.0	.1								3.2	5.6
NE	.7	1.4	.9									3.0	5.4
ENE	.6	1.7	1.7									3.9	5.7
E	1.1	1.1	.8	.2								3.2	5.6
ESE	1.2	2.3	.9	.2								4.7	5.0
SE	.8	.6	1.2	.1								2.7	5.7
SSE	1.7	1.8	1.9	.3								5.7	5.8
S	2.1	4.7	1.3	.3								8.4	5.3
SSW	.6	3.4	2.0	1.0								7.0	7.0
SW	.2	1.7	1.0	.3								3.2	6.7
WSW	.8	.3	.2									1.3	4.1
W	.8	.9	.4	.2	.1							2.4	6.5
WNW	.3	1.8	1.8	2.2	.6	.3						7.0	10.4
NW	.3	1.6	2.7	3.2	1.3	.4	.1					9.7	11.9
NNW	.9	2.0	2.7	2.9	.4	.2		.1				9.2	10.0
VARBL													
CALM												18.3	
	13.0	30.3	22.9	11.7	2.6	1.0	.1	.1				100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13705  
STATION

ANDREWS AFB MD  
STATION NAME

69-70, 73-80  
YEARS

NOV  
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	1.4	2.6	1.4	1.1								6.6	6.4
NNE	.6	1.8	.4	.1								2.9	5.3
NE	.2	.9	.6	.1								1.8	5.9
ENE	.4	1.7	.9									3.0	5.4
E	.9	2.7	1.0	.3								4.9	5.4
ESE	.4	1.0	.3	.1								1.9	5.4
SE	.4	1.7	1.0	.1								3.2	6.0
SSE	1.3	1.7	.8	.3								4.1	5.1
S	1.9	5.4	2.6	.6								10.4	5.5
SSW	.8	1.3	2.9	.9	.1							6.0	7.8
SW	.3	2.2	1.2	1.0	.2							5.0	8.2
WSW	.8	1.3	.3	.1								2.6	4.6
W	.7	1.9	1.3		.1	.1						4.1	6.6
WNW	.8	1.6	2.4	2.0	.6	.2						7.6	9.5
NW	.3	1.1	3.3	4.0	.8	.2						9.8	11.5
NNW	.6	2.1	3.4	2.3	.4							8.9	9.4
VARBL													
CALM												17.3	
	11.9	30.9	24.0	13.1	2.2	.6						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**SURFACE WINDS**

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

13705      ANDREWS AFB MD      69-70,73-80      NOV

STATION      STATION NAME      YEARS      MONTH

ALL WEATHER      ALL

CLASS      HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.5	2.3	.8	.2	.0						6.9	7.1
NNE	.7	1.7	1.0	.2	.0							3.6	5.8
NE	.6	1.6	.9	.1								3.1	5.7
ENE	.6	1.4	1.5	.0								3.5	6.1
E	.6	1.7	1.1	.2								3.7	6.1
ESE	.5	1.3	.6	.1								2.4	5.5
SE	.5	.9	.8	.2								2.4	6.3
SSE	.7	1.4	.8	.4	.0							3.2	6.3
S	1.3	3.0	2.0	.8	.1							7.1	6.4
SSW	1.0	2.2	2.5	1.3	.1		.0					7.1	7.5
SW	.8	2.3	2.6	1.0	.1	.1	.0					6.9	7.6
WSW	.9	1.5	1.0	.3	.0							3.8	6.1
W	1.1	2.3	1.6	.8	.2	.1						6.0	7.0
WNW	.6	1.7	2.9	2.1	.5	.2						8.0	9.6
NW	.5	1.3	3.7	4.0	.9	.3	.0					10.7	11.1
NNW	.6	1.3	2.5	2.4	.7	.1		.0				7.6	10.3
VARBL													
CALM												14.0	
	12.0	28.0	27.7	14.8	2.8	.7	.1	.0				100.0	6.7

TOTAL NUMBER OF OBSERVATIONS      7199

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13705  
STATION

ANDREWS AFB MD  
STATION NAME

69-70, 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	1.9	3.2	2.2	.6								7.8	6.2
NNE	1.1	2.0	1.7	.4	.1							5.4	6.5
NE	.4	.9	1.2	.3								2.8	6.7
ENE	.8	1.6	1.2	.1								3.7	5.6
E	.9	1.0	.8									2.6	4.8
ESE	.3	.5	.1	.1								1.1	4.9
SE	.2	.2	.3									.8	5.6
SSE	.5	.4	.4									1.4	4.8
S	1.1	2.5	1.4	.8								5.7	6.3
SSW	1.2	2.4	3.0	1.5	.2	.1						8.4	8.0
SW	.8	2.9	2.0	1.0	.1							6.8	7.0
WSW	.6	1.1	.3	.2								2.3	5.6
W	1.0	1.3	.4	.6								3.3	6.4
WNW	.5	1.5	3.0	3.7	.9	.2						9.8	10.9
NW	.3	2.0	3.3	5.6	.6	1.0	.1	.1				13.1	12.1
NNW	.2	1.4	3.9	2.3	.1	.2						8.1	10.2
VARBL													
CALM												17.1	
	11.7	24.9	25.3	17.2	2.0	1.5	.1	.1				100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

1375  
STATION

ANDREWS AFB MD  
STATION NAME

69-70,73-80  
YEARS

DEC  
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	2.5	4.3	2.0	1.0								9.8	5.7
NNE	.3	2.5	1.5	.1								4.4	6.1
NE	.4	1.6	.4	.2	.1							2.8	6.5
ENE	.4	.5	.9									1.8	5.9
E	.8	.8	.6									2.2	5.0
ESE	.4	.5	.1									1.1	3.8
SE	.2	.2	.5									1.0	6.3
SSE	.1	.9	.2	.1								1.3	5.6
S	1.0	1.6	.8	.3								3.7	5.6
SSW	1.2	2.0	1.6	1.5								6.3	7.2
SW	.9	3.0	1.9	1.4	.1							7.3	7.1
WSW	1.2	1.5	.4	.1								3.2	4.6
W	1.0	1.6	1.6	.8	.2							5.2	7.3
WNW	.3	1.0	3.4	3.1	1.0	.1		.1				9.0	11.5
NW	.3	1.5	4.0	3.9	1.6	1.0	.2					12.5	12.7
NNW	.4	1.7	3.7	1.9	.8							8.5	9.7
VARBL													
CALM												20.0	
	11.4	25.3	23.8	14.4	3.8	1.1	.2	.1				100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13705      ANDREWS AFB MD      69-70,73-80      DEC

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	1.2	3.2	2.6	.8								7.7	6.5
NNE	1.1	1.8	1.7	.2	.1							4.9	6.2
NE	.4	2.3	.6	.3	.1	.1						3.9	6.6
ENE	.4	1.0	1.1	.1		.1						2.7	6.8
E	1.0	1.3	.4									2.7	4.2
ESE	.4	.9										1.3	4.2
SE	.3	.3	.1	.1								.9	5.4
SSE	.8	1.0	.1	.2								2.0	4.9
S	2.5	1.3	1.6	.3								5.7	5.0
SSW	1.1	2.4	1.8	1.1	.1							6.5	6.9
SW	.5	2.2	1.7	.8								5.2	7.0
WSW	1.1	2.3	.6	.1								4.1	5.0
W	.9	2.4	1.0	1.2	.1							5.5	7.2
WNW	.5	1.8	3.1	2.7	.9	.5						9.6	10.7
NW	.8	1.0	3.5	4.1	1.3	1.0		.2				11.8	12.7
NNW	.4	.9	2.4	2.4	.4	.2						6.7	10.8
VARBL													
CALM												18.9	
	13.3	25.8	22.5	14.3	3.0	1.9		.2				100.0	6.5

TOTAL NUMBER OF OBSERVATIONS      930



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION: 13705 STATION NAME: ANDREWS AFB MD YEARS: 69-70, 73-80 MONTH: DEC  
 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	.5	2.4	3.7	1.2	.2							8.0	8.0
NNE	.6	2.5	2.4									5.5	6.3
NE	.6	1.9	1.0	.2								3.8	5.9
ENE	.9	1.9	1.3	.2	.2	.1						4.6	7.0
E	.8	1.4	1.2									3.3	5.5
ESE	.5	1.4	.1									2.0	4.5
SE	.4	1.2	.2									1.8	4.9
SSE	.2	.6	.8									1.6	5.7
S	.8	2.3	2.0	1.1								6.1	7.3
SSW	1.0	2.0	3.4	1.6								8.1	7.9
SW	.6	2.2	4.3	1.1	.1							8.3	8.0
WSW	1.0	1.3	1.4	.2								3.9	6.0
W	.6	1.4	.8	.9	.6	.1	.1					4.5	9.7
WNW	.4	.5	2.6	3.8	1.0	.4	.2					8.9	12.5
NW	.1	1.2	2.5	5.5	2.3	1.3	.5	.1				13.4	14.6
NNW	.3	1.3	2.5	3.8	1.3	.6	.1					9.9	12.4
VARBL													
CALM												6.2	
	9.5	25.5	30.0	19.5	5.7	2.6	1.0	.1				100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13765  
STATION

ANDREWS AFB MD  
STATION NAME

69-70,73-80  
YEARS

DEC  
MONTH

ALL WEATHER  
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.2	2.4	1.1	.2							5.5	8.4
NNE	.6	1.0	1.5		.1							3.2	6.4
NE	.5	.6	1.1	.3								2.6	7.0
ENE	1.1	1.0	.8	.3	.1							3.2	6.2
E	.5	1.8	1.2	.1		.2						3.9	6.7
ESE	.3	1.4	.5									2.3	5.2
SE	.5	1.0	.8									2.3	5.0
SSE	.3	.6	.8	.1								1.8	6.1
S	1.3	1.4	2.2	1.8								6.7	7.8
SSW	.4	2.2	5.1	1.9								9.6	8.6
SW	.4	2.2	3.0	1.2	.4	.1						7.3	8.8
WSW	.4	1.1	2.8	.5	.1							4.9	8.0
W	.8	1.8	2.0	1.8	.1	.2						6.8	8.7
WNW	.5	.8	3.0	3.4	1.5	.9	.1	.1				10.3	13.2
NW	.3	1.3	2.8	6.9	2.8	1.1	.2	.1				15.5	13.8
NNW	.2	.8	2.9	2.6	1.4	.5	.3					8.7	13.1
VARBL													
CALM												5.5	
	9.0	20.0	32.7	22.2	6.8	3.0	.6	.2				100.0	9.3

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13705  
STATION

ANDREWS AFB MD  
STATION NAME

69-70,73-80  
YEARS

DEC  
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	1.4	2.3	1.2	.2							5.7	8.5
NNE	.5	1.4	.5									2.5	5.3
NE	.6	1.1	1.3	.1								3.1	6.2
ENE	.5	.9	1.0	.8		.2						3.3	8.8
E	1.1	1.9	1.6	.2	.1	.2						5.2	7.0
ESE	.3	1.3	.5	.1								2.3	5.5
SE	.3	1.1	.4									1.8	4.6
SSE	.5	1.7	.5	.3								3.1	6.4
S	1.2	3.0	3.5	1.0								8.7	7.0
SSW	.9	3.1	2.7	1.1	.2							8.0	7.3
SW	.5	1.8	2.5	.9	.3							6.0	8.1
WSW	1.0	1.4	.9	.5								3.8	6.0
W	1.1	1.9	1.5	1.3	.1	.1						6.0	7.6
WNW	.2	1.2	2.4	4.1	1.4	.3	.2					9.8	12.4
NW	.5	1.9	3.0	5.8	.9	1.6	.4					14.2	13.0
NNW	.3	1.1	2.9	2.5	.8	.5	.2					8.3	11.8
VARBL													
CALM												8.3	
	10.3	26.2	27.5	19.8	4.0	3.0	.9					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13715 STATION      ANDREWS AFB MD STATION NAME      69-70,73-80 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	1.8	2.9	2.6	1.0	.1							8.4	6.6
NNE	.2	1.4	1.0	.4								3.0	6.9
NE	1.1	1.1	.8									2.9	5.0
ENE	1.0	1.5	.2	.5	.1							3.3	6.0
E	1.4	1.5	.5	.8		.1						4.3	6.4
ESE	.6	1.8	.3									2.8	4.5
SE	.8	1.3	.3	.1								2.5	4.8
SSE	.4	2.5	1.2	.1								4.2	5.7
S	2.6	4.6	1.8	.2								9.3	5.1
SSW	1.1	2.4	1.6	.6								5.7	6.5
SW	1.1	.8	1.2	1.0								4.0	7.1
WSW	.5	.9	.5		.1							2.0	6.0
W	1.4	1.8	.9	.4								4.5	5.6
WNW	.9	1.1	1.4	3.7	1.1	.3						8.4	11.5
NW	.3	.9	2.5	5.3	1.6	.6	.6					11.9	13.9
NNW	.5	1.3	3.2	2.2	.3	.1	.1					7.8	10.1
VARBL													
CALM												15.0	
	15.7	27.7	20.0	16.3	3.3	1.2	.8					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 928

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

19705      ANDREWS AFB MD      69-70,73-80      DEC  
STATION      STATION NAME      YEARS      MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	3.9	2.4	.9								9.0	6.1
NNE	1.0	1.8	.9	.8								4.4	6.5
NE	.9	1.3	1.2									3.3	5.4
ENE	1.0	1.1	.9	.2								3.1	5.4
E	.8	1.3	.4			.1						2.6	5.3
ESE	.6	1.0	.3									1.9	4.6
SE	.4	.4	.1	.2								1.2	5.4
SSE	.5	1.6	.8	.1								3.0	5.4
S	1.3	3.3	2.5	.9								8.0	6.5
SSW	1.3	1.8	2.6	1.7								7.4	7.6
SW	.8	1.2	2.0	.9								4.9	7.4
WSW	.4	.8	.9									2.0	5.5
W	.9	1.5	.8	.4	.3							3.9	7.0
WNW	.3	1.0	3.0	3.2	.6	.2	.1	.1				8.6	11.6
NW		.9	2.5	4.7	2.2	.3	.1	.1				10.8	13.5
NNW	.4	1.7	3.0	2.4	1.0	.1						8.6	10.6
VARBL													
CALM												17.2	
	12.4	24.6	24.2	16.4	4.1	.8	.2	.2				100.0	6.8

TOTAL NUMBER OF OBSERVATIONS      927

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13705  
STATION

ANDREWS AFB MD  
STATION NAME

69-70, 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	1.4	2.8	2.5	1.0	.1							7.7	6.8
NNE	.7	1.8	1.4	.2	.0							4.2	6.3
NE	.6	1.3	.9	.2	.0	.0						3.1	6.1
ENE	.8	1.2	.9	.3	.1	.1						3.2	6.5
E	.9	1.4	.8	.1	.0	.1						3.3	5.8
ESE	.5	1.1	.3	.0								1.8	4.7
SE	.4	.7	.3	.1								1.5	5.1
SSE	.4	1.2	.6	.1								2.3	5.7
S	1.5	2.5	2.0	.8								6.7	6.3
SSW	1.0	2.3	2.7	1.4	.1	.0						7.5	7.6
SW	.7	2.0	2.3	1.0	.1	.0						6.2	7.6
WSW	.8	1.3	1.0	.2	.0							3.3	6.0
W	.9	1.7	1.1	.9	.2	.1	.0					5.0	7.5
WNW	.5	1.1	2.7	3.5	1.0	.4	.1	.0				9.3	11.8
NW	.3	1.3	3.0	5.2	1.7	1.0	.3	.1				12.9	13.3
NNW	.4	1.3	3.1	2.5	.8	.3	.1					8.3	11.1
VARBL													
CALM												13.5	
	11.7	25.0	25.7	17.5	4.1	1.9	.5	.1				100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 7435

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

STATION 1775 STATION NAME ANDREWS AFB MD YEARS 69-70,73-81 MONTH ALL  
 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	1.4	3.1	2.7	1.0	.1	.0						8.2	6.8
NNE	.7	1.5	1.1	.2	.0	.0						3.5	6.2
NE	.6	1.4	1.0	.2	.0	.0						3.3	6.0
ENE	.7	1.2	1.0	.2	.0	.0						3.1	6.0
E	1.0	1.7	1.1	.2	.0	.0						4.0	5.6
ESE	.7	1.5	.7	.1	.0	.0						3.0	5.3
SE	.6	1.0	.7	.2	.0	.0	.0					2.5	6.0
SSE	.7	1.5	.9	.3	.0	.0	.0					3.4	6.0
S	2.1	3.5	2.3	.7	.1	.0						8.7	6.0
SSW	1.2	2.4	2.7	1.1	.1	.0	.0					7.5	7.2
SW	1.0	2.4	2.5	1.0	.1	.0	.0					7.0	7.3
WSW	.8	1.6	1.3	.4	.0	.0	.0					4.2	6.5
W	1.2	2.2	1.4	.5	.1	.0	.0					5.4	6.5
WNW	.6	1.5	2.1	1.9	.6	.2	.0	.0				6.9	10.0
NW	.5	1.5	2.8	3.0	.8	.3	.0	.0				8.9	10.9
NNW	.5	1.4	2.4	1.7	.3	.1	.0	.0				6.5	9.4
VARBL													
CALM												13.8	
	14.2	29.4	26.8	12.7	2.3	.7	.1	.0				100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 87632

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

17705  
STATION

ANDREWS AFB MD  
STATION NAME

69-70,73-81  
YEARS

ALL  
MONTH

INSTRUMENT  
CLASS

ALL  
HOURL (L.S.T.)

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	3.2	4.0	1.4	.1	.0						10.0	7.4
NNE	1.0	2.8	3.4	1.1	.1							8.3	7.2
NE	1.0	3.4	3.7	.9	.1	.0						9.1	7.0
ENE	1.3	3.0	3.5	.9	.0	.0						8.8	7.0
E	1.5	3.6	3.1	.7	.0	.1						9.0	6.5
ESE	.8	1.9	1.3	.3	.0							4.3	6.1
SE	.7	1.3	1.1	.4	.1	.0	.0					3.6	7.0
SSE	.6	1.3	.8	.6	.1	.0	.0					3.5	7.3
S	1.6	2.5	2.0	1.0	.1	.1						7.3	6.8
SSW	.8	1.8	2.3	.8	.0							5.8	7.2
SW	.7	1.8	1.6	.6	.1							4.8	6.9
WSW	.4	1.0	.9	.1	.0	.0						2.4	6.5
W	1.0	1.3	.6	.3	.0	.0						3.2	5.5
WNW	.4	.8	.7	.3	.1	.1						2.4	7.6
NW	.3	.6	.6	.6	.2	.1	.0					2.4	9.6
NNW	.3	.8	1.4	.7	.1	.1	.0	.0				3.4	9.1
VARBL													
CALM												11.7	
	13.7	31.3	30.9	10.6	1.1	.5	.1	.0				100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 9800



# SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
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													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_







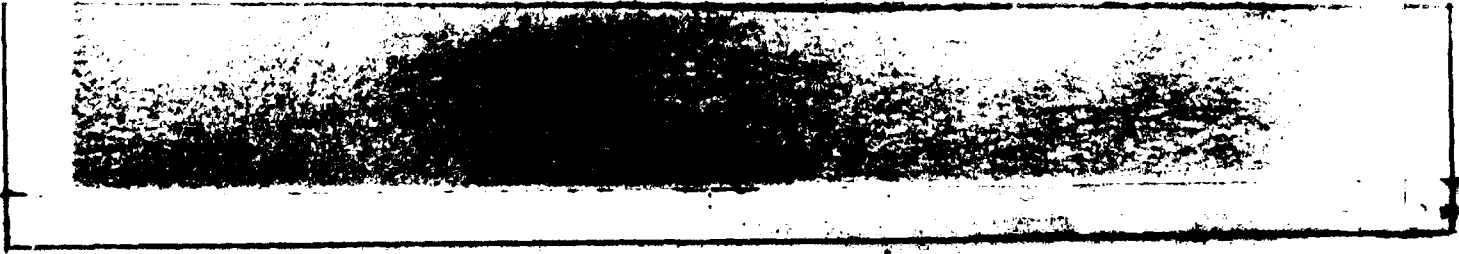
# SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
	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													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS \_\_\_\_\_



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	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING																
1800																
1500					91.0											92.6
1200																
1000																
900																
800																
700																
600																
500										97.4						98.1
400																
300																
200																
100																
0					95.4		96.9			98.3						100.0

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

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

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

#### ADDITIONAL EXAMPLES

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13795

ANDREWS AFB MD

70,73-81

JAN

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	≥5/16	¾	≥0
NO CEILING	8.7	53.1	53.5	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 20000	9.0	56.8	57.2	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
IV 18000	9.0	57.0	57.4	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
IV 16000	9.0	57.1	57.5	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
IV 14000	9.0	58.4	58.8	59.1	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 12000	9.1	59.6	60.0	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
IV 10000	9.9	63.1	63.5	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
IV 9000	9.9	63.3	63.8	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
IV 8000	9.9	66.6	67.2	67.5	67.6	67.6	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IV 7000	10.0	68.2	68.8	69.1	69.2	69.2	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
IV 6000	10.0	69.4	70.1	70.4	70.5	70.5	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
IV 5000	10.1	71.8	72.7	73.4	73.5	73.5	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
IV 4500	10.1	73.7	74.7	75.5	75.6	75.6	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
IV 4000	10.2	75.8	77.0	78.0	78.5	78.5	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 3500	10.2	77.1	78.3	79.2	79.8	79.8	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IV 3000	10.2	79.1	80.3	81.5	82.2	82.2	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 2500	10.2	79.7	80.9	82.0	82.7	82.7	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 2000	10.5	80.8	81.9	83.2	84.0	84.1	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 1800	10.5	80.9	82.0	83.3	84.2	84.3	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 1500	10.5	81.7	82.9	84.2	85.1	85.2	85.6	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 1200	10.5	82.0	83.5	84.9	85.9	86.0	86.6	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 1000	10.5	82.4	84.0	85.5	86.6	86.8	87.3	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 900	10.5	82.5	84.2	85.7	86.8	87.0	87.5	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 800	10.5	82.9	84.8	86.7	88.0	88.3	88.9	89.4	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 700	10.5	83.0	85.2	87.4	88.7	89.1	89.8	90.4	90.8	91.1	91.2	91.2	91.2	91.2	91.2	91.2
IV 600	10.5	83.0	85.2	87.4	89.0	89.7	90.3	91.0	91.3	91.7	92.0	92.0	92.0	92.0	92.0	92.0
IV 500	10.5	83.0	85.3	87.6	89.6	90.2	90.9	91.5	91.9	92.8	93.1	93.2	93.4	93.4	93.4	93.4
IV 400	10.5	83.0	85.4	88.3	90.4	91.2	92.0	93.1	93.7	94.5	94.8	94.9	95.2	95.2	95.3	95.3
IV 300	10.5	83.0	85.4	88.5	90.6	91.5	92.6	93.8	94.3	95.2	95.5	95.6	95.8	95.8	95.9	95.9
IV 200	10.5	83.0	85.4	88.6	90.8	91.6	92.7	94.3	94.8	95.9	96.3	96.5	96.8	96.9	97.0	97.0
IV 100	10.5	83.0	85.4	88.6	90.8	91.6	92.7	94.6	95.2	96.8	97.4	97.5	98.5	98.7	99.1	99.6
IV 0	10.5	83.0	85.4	88.6	90.8	91.6	92.7	94.6	95.2	96.8	97.4	97.5	98.5	98.7	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS

930



GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

157 5

ANDREWS AFB MD

70, 73-81

JAN

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	≥0	≥0	≥0
NO CEILING	7.8	50.3	51.2	51.4	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 20000	8.3	54.9	55.9	56.1	56.1	56.2	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
IV 18000	8.3	54.9	55.9	56.1	56.1	56.2	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
IV 16000	8.3	55.2	56.1	56.3	56.3	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
IV 14000	8.3	56.0	57.0	57.2	57.2	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
IV 12000	8.4	57.6	58.6	58.8	58.8	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
IV 10000	8.9	61.9	62.9	63.1	63.1	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 9000	8.9	62.6	63.5	63.8	63.8	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
IV 8000	9.2	65.5	66.9	67.1	67.1	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
IV 7000	9.2	66.2	67.7	68.1	68.1	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
IV 6000	9.2	66.9	68.4	68.9	68.9	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IV 5000	9.4	68.5	70.4	71.2	71.2	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 4500	9.4	70.9	72.8	73.5	73.7	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
IV 4000	9.4	73.2	75.3	76.3	76.8	76.9	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
IV 3500	9.4	74.0	76.0	77.2	77.7	77.8	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
IV 3000	9.4	75.7	77.7	79.2	79.9	80.1	80.8	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 2500	9.4	76.2	78.4	80.2	81.1	81.3	81.9	82.0	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2
IV 2000	9.4	77.7	79.9	81.7	82.6	82.8	83.7	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2
IV 1800	9.4	78.1	80.2	82.0	82.9	83.1	84.0	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5
IV 1500	9.4	78.7	80.9	82.8	83.9	84.1	84.9	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7
IV 1200	9.4	79.0	81.4	83.4	84.7	84.9	85.8	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7
IV 1000	9.4	79.5	82.0	84.3	85.6	85.8	86.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8
IV 900	9.4	79.9	82.5	84.9	86.2	86.5	87.3	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6
IV 800	9.4	80.1	82.7	85.3	86.7	86.9	87.8	89.1	89.1	89.1	89.4	89.4	89.4	89.4	89.4	89.4
IV 700	9.4	80.3	83.1	86.2	87.8	88.1	89.0	90.3	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5
IV 600	9.4	80.3	83.2	86.3	88.1	88.4	89.4	90.6	90.6	90.6	90.9	90.9	90.9	90.9	90.9	91.0
IV 500	9.4	80.8	83.9	87.1	89.0	89.5	90.5	91.9	92.2	92.6	93.0	93.0	93.0	93.0	93.1	93.1
IV 400	9.4	80.8	84.0	87.5	90.0	90.4	91.9	93.5	93.8	94.2	94.6	94.6	94.6	94.7	94.8	94.8
IV 300	9.4	80.8	84.0	87.5	90.2	90.9	92.6	94.3	94.5	95.2	95.6	95.6	95.6	95.7	95.8	96.0
IV 200	9.4	80.8	84.0	87.5	90.2	90.9	92.7	94.4	94.6	95.6	96.1	96.1	96.1	96.3	96.5	96.7
IV 100	9.4	80.8	84.0	87.5	90.2	90.9	92.7	94.4	94.6	95.8	96.5	96.7	96.7	97.1	97.3	98.6
IV 0	9.4	80.8	84.0	87.5	90.2	90.9	92.7	94.4	94.6	95.8	96.5	96.7	97.2	97.4	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1775

ANDREWS AFB MD

70,73-81

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

J600-2800  
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	5.3	43.4	44.9	45.2	45.4	45.4	45.4	45.4	45.4	45.4	45.5	45.5	45.5	45.5	45.5	45.5
≥ 20000	5.5	47.8	49.7	49.9	50.2	50.2	50.2	50.2	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.3
≥ 18000	5.5	48.0	49.8	50.0	50.3	50.3	50.3	50.3	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4
≥ 16000	5.5	48.0	49.8	50.0	50.3	50.3	50.3	50.3	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4
≥ 14000	5.6	48.7	50.5	50.8	51.1	51.1	51.1	51.1	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.2
≥ 12000	5.7	51.5	53.3	53.5	53.9	53.9	53.9	53.9	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0
≥ 10000	6.0	56.6	58.5	58.7	59.1	59.1	59.1	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2
≥ 9000	6.3	58.2	60.1	60.3	60.8	60.8	60.8	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9
≥ 8000	6.0	61.6	63.8	64.1	64.5	64.5	64.5	64.5	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6
≥ 7000	6.0	63.1	65.3	65.6	66.0	66.0	66.0	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1
≥ 6000	6.2	64.7	66.9	67.2	67.8	67.8	67.8	67.8	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0
≥ 5000	6.5	66.7	68.9	69.4	70.2	70.2	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3
≥ 4500	6.6	68.8	71.1	71.5	72.4	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5
≥ 4000	6.8	71.8	74.3	75.2	76.0	76.1	76.2	76.3	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5
≥ 3500	6.8	72.3	74.8	75.7	76.9	77.0	77.1	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3
≥ 3000	6.8	74.3	77.2	78.2	79.5	79.6	79.9	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4
≥ 2500	6.8	75.3	78.2	79.1	80.6	80.8	81.1	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8
≥ 2000	6.8	76.5	79.6	80.6	82.2	82.3	82.6	83.2	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4
≥ 1800	6.8	76.8	79.9	81.0	82.5	82.6	82.9	83.5	83.5	83.5	83.8	83.8	83.8	83.8	83.8	83.8
≥ 1500	6.8	77.3	80.4	81.6	83.2	83.3	83.8	84.4	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6
≥ 1200	6.8	77.5	80.8	82.0	84.1	84.2	84.7	85.4	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6
≥ 1000	6.8	78.0	81.3	82.6	84.6	84.7	85.3	85.9	86.0	86.0	86.3	86.3	86.3	86.3	86.3	86.3
≥ 900	6.8	78.1	81.4	82.7	84.7	84.9	85.6	86.2	86.6	86.6	86.9	86.9	86.9	86.9	86.9	86.9
≥ 800	6.8	78.1	81.5	83.0	85.3	85.6	86.3	87.0	87.3	87.3	87.6	87.6	87.6	87.6	87.6	87.6
≥ 700	6.8	78.5	82.0	83.5	85.8	86.1	86.9	87.5	87.8	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 600	6.8	78.6	82.2	83.8	86.2	86.6	87.3	88.1	88.5	88.8	88.8	88.8	88.8	88.9	88.9	88.9
≥ 500	6.8	78.8	82.5	84.2	86.7	87.2	88.2	89.1	89.6	89.9	89.9	89.9	89.9	90.2	90.2	90.3
≥ 400	6.8	78.8	82.5	84.4	88.1	88.8	90.0	91.2	91.6	92.2	92.2	92.2	92.2	92.5	92.5	92.6
≥ 300	6.8	78.8	82.5	84.4	88.2	89.2	90.9	92.3	92.9	93.7	93.9	93.9	93.9	94.6	94.6	94.7
≥ 200	6.8	78.8	82.5	84.4	88.3	89.4	91.1	92.6	93.9	95.1	95.4	95.4	95.4	96.3	96.3	96.6
≥ 100	6.8	78.8	82.5	84.4	88.3	89.5	91.5	93.1	94.4	96.0	96.8	96.8	96.8	98.0	98.4	98.8
≥ 0	6.8	78.8	82.5	84.4	88.3	89.5	91.5	93.1	94.4	96.0	96.8	96.8	96.8	98.0	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS

937

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1775

ANDREWS AFB MD

70, 73-81

JAN

STATION

STATION NAME

YEARS

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	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	4.2	39.2	4.8	41.1	41.7	41.8	41.8	41.9	41.9	42.0	42.0	42.0	42.0	42.0	42.0	42.2
IV 20000	4.3	43.5	45.3	45.9	46.6	46.8	46.9	47.0	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.2
IV 18000	4.4	44.4	46.2	46.9	47.5	47.7	48.0	48.1	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.3
IV 16000	4.4	44.8	46.7	47.3	48.0	48.2	48.4	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.7
IV 14000	4.6	46.1	48.1	48.7	49.4	49.6	49.8	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.1
IV 12000	4.6	48.3	50.2	50.9	51.5	51.7	51.9	52.0	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.3
IV 10000	4.7	53.7	55.6	56.2	56.9	57.1	57.3	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.6
IV 9000	4.7	55.4	57.3	58.0	58.6	58.8	59.0	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.4
IV 8000	4.7	60.1	62.3	62.9	63.7	63.9	64.2	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.5
IV 7000	4.8	62.4	64.6	65.5	66.2	66.5	66.8	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.1
IV 6000	4.8	63.4	65.8	66.7	67.4	67.6	68.1	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.4
IV 5000	4.8	66.7	69.5	70.5	71.3	71.5	71.9	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.3
IV 4500	4.8	68.1	70.9	71.9	72.8	73.0	73.4	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.9
IV 4000	4.8	71.5	74.4	75.9	77.0	77.2	77.7	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.2
IV 3500	4.8	72.3	75.3	76.9	78.1	78.3	78.8	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.2
IV 3000	4.3	73.8	77.0	78.6	80.1	80.4	81.1	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.7
IV 2500	4.8	74.1	77.4	79.1	80.8	81.1	81.7	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.4
IV 2000	4.8	75.1	78.7	80.4	82.3	82.6	83.2	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	84.0
IV 1800	4.8	75.1	78.7	80.5	82.5	82.8	83.4	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.2
IV 1500	4.8	75.2	78.9	80.9	82.8	83.1	83.8	84.4	84.4	84.5	84.5	84.6	84.6	84.6	84.6	84.7
IV 1200	4.8	75.7	79.6	81.5	83.4	83.8	84.4	85.1	85.1	85.2	85.2	85.3	85.3	85.3	85.3	85.4
IV 1000	4.8	76.0	80.6	82.6	84.5	84.9	85.8	86.5	86.5	86.6	86.6	86.7	86.7	86.7	86.7	86.8
IV 900	4.8	76.1	80.8	82.7	84.7	85.2	86.3	87.1	87.1	87.2	87.2	87.3	87.3	87.3	87.3	87.4
IV 800	4.8	76.1	81.0	83.2	85.5	86.0	87.5	88.5	88.5	88.6	88.7	88.8	88.8	88.8	88.8	88.9
IV 700	4.8	76.2	81.2	83.4	85.7	86.6	88.4	89.6	89.6	89.8	89.9	90.0	90.0	90.0	90.0	90.1
IV 600	4.8	76.2	81.2	83.4	85.7	86.7	88.5	89.9	90.0	90.5	90.8	90.9	91.0	91.0	91.0	91.1
IV 500	4.8	76.3	81.3	84.0	86.6	87.7	89.8	91.4	91.6	92.3	92.6	92.7	92.8	92.9	92.9	93.0
IV 400	4.8	76.3	81.3	84.3	87.3	88.7	91.1	93.0	93.3	94.1	94.8	95.1	95.2	95.3	95.3	95.4
IV 300	4.8	76.3	81.3	84.3	87.3	88.8	91.7	94.5	94.9	96.0	96.9	97.1	97.4	97.5	97.6	97.7
IV 200	4.8	76.3	81.3	84.3	87.3	88.8	91.8	94.9	95.5	96.8	97.7	98.0	98.4	98.8	98.9	99.4
IV 100	4.8	76.3	81.3	84.3	87.3	88.8	91.8	94.9	95.5	96.8	98.0	98.2	98.6	99.1	99.4	99.6
IV 0	4.8	76.3	81.3	84.3	87.3	88.8	91.8	94.9	95.5	96.8	98.0	98.2	98.6	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1275  
 STATION

ANDREWS AFB MD  
 STATION NAME

70,73-81  
 YEARS

JAN  
 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 ≥ 20000	4.3	37.7	38.1	38.6	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
IV 18000	4.3	44.6	45.3	45.9	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
IV 16000	4.3	44.9	45.6	46.2	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
IV 14000	4.3	46.3	47.1	47.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
IV 12000	4.3	49.2	50.0	50.6	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 10000	4.3	53.5	54.3	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
IV 9000	4.3	54.7	55.6	56.2	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 8000	5.1	59.6	60.5	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
IV 7000	5.5	63.2	64.3	64.9	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
IV 6000	5.5	64.4	65.5	66.1	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
IV 5000	5.5	67.5	68.9	69.6	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
IV 4500	5.6	68.8	70.4	71.1	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
IV 4000	5.8	73.2	75.3	76.0	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
IV 3500	5.9	73.9	75.9	76.7	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 3000	5.9	76.5	78.9	80.1	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 2500	5.9	77.8	81.5	81.8	82.4	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 2000	5.9	78.8	81.6	83.1	83.9	84.2	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 1800	5.9	78.8	81.6	83.1	83.9	84.2	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 1500	5.9	79.0	81.8	83.4	84.2	84.7	85.3	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 1200	5.9	80.1	83.1	84.7	85.6	86.1	86.8	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV 1000	5.9	80.2	83.9	85.8	86.7	87.2	88.0	88.3	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 900	5.9	80.4	84.1	86.0	86.9	87.4	88.2	88.6	88.7	89.1	89.2	89.2	89.2	89.2	89.2	89.2
IV 800	5.9	80.4	84.2	86.1	87.0	87.7	88.7	89.4	89.5	90.1	90.3	90.3	90.5	90.5	90.5	90.5
IV 700	5.9	80.4	84.2	86.1	87.2	88.1	89.4	90.3	90.5	91.4	91.6	91.6	91.8	91.8	91.8	91.8
IV 600	5.9	80.4	84.2	86.2	87.5	88.4	89.7	90.8	91.0	91.8	92.0	92.0	92.3	92.3	92.3	92.3
IV 500	5.9	80.8	84.7	86.8	88.7	90.2	92.0	93.2	93.5	94.7	95.1	95.1	95.3	95.3	95.3	95.3
IV 400	5.9	80.8	84.7	87.1	89.1	91.0	92.8	94.1	94.4	95.9	96.2	96.2	96.7	96.8	96.8	96.8
IV 300	5.9	80.8	84.7	87.1	89.1	91.5	93.7	95.2	95.8	97.6	98.0	98.0	98.6	98.7	98.7	98.7
IV 200	5.9	80.8	84.7	87.1	89.1	91.5	93.7	95.2	95.8	97.8	98.4	98.5	99.1	99.4	99.4	99.7
IV 100	5.9	80.8	84.7	87.1	89.1	91.5	93.7	95.2	95.8	97.8	98.6	98.7	99.4	99.6	99.6	100.0
IV 0	5.9	80.8	84.7	87.1	89.1	91.5	93.7	95.2	95.8	97.8	98.6	98.7	99.4	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

37 5

ANDREWS AFB MD

70, 73-61

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	≥¼	≥0
NO CEILING	5.4	42.4	42.8	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 5000	5.8	49.1	49.7	49.9	49.9	49.9	49.9	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 18000	5.8	49.7	50.2	50.4	50.4	50.4	50.4	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 6000	5.9	50.3	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 14000	5.9	51.4	51.9	52.2	52.2	52.2	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 2000	6.1	54.0	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 10000	6.6	59.4	59.9	60.2	60.2	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 9000	6.6	60.2	60.8	61.1	61.1	61.1	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 8000	6.6	64.2	64.8	65.2	65.2	65.2	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 7000	6.7	66.6	67.5	68.0	68.1	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 6000	6.7	68.5	69.5	69.9	70.0	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 5000	6.7	70.6	71.8	72.3	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 4500	6.7	72.3	73.5	74.0	74.1	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 4000	6.7	75.4	76.8	77.2	77.3	77.4	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 3500	6.7	75.8	77.3	77.8	78.0	78.1	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 3000	6.7	78.8	81.2	82.0	82.4	82.5	82.6	82.7	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 2500	6.7	79.1	81.6	82.6	83.3	83.4	83.7	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 2000	6.7	79.7	82.2	83.3	84.2	84.3	84.7	84.9	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1800	6.7	79.7	82.2	83.3	84.2	84.3	84.7	84.9	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 1500	6.7	80.3	82.9	84.4	85.3	85.5	86.1	86.5	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 1200	6.7	80.5	83.3	85.2	86.0	86.2	87.0	87.3	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 1000	6.7	80.5	83.3	85.3	86.5	86.8	87.8	88.3	88.4	88.8	88.8	88.9	89.0	89.0	89.0	89.0
≥ 900	6.7	80.5	83.5	85.6	86.8	87.1	88.2	88.8	88.9	89.6	89.7	89.8	89.9	89.9	89.9	89.9
≥ 800	6.7	80.5	83.5	85.7	87.3	88.0	89.1	89.8	89.9	90.5	90.6	90.8	90.9	90.9	90.9	90.9
≥ 700	6.7	80.5	83.5	85.7	87.6	88.4	89.7	90.3	90.4	91.1	91.3	91.4	91.5	91.5	91.5	91.5
≥ 600	6.7	80.5	83.7	86.0	88.2	89.5	91.0	92.0	92.2	92.8	93.0	93.1	93.2	93.2	93.2	93.2
≥ 500	6.7	80.6	84.0	86.5	89.2	90.6	92.6	93.8	94.2	94.9	95.2	95.3	95.5	95.6	95.7	95.7
≥ 400	6.7	80.6	84.0	86.5	89.5	91.1	93.4	95.1	95.5	96.5	96.8	96.9	97.1	97.2	97.3	97.3
≥ 300	6.7	80.6	84.0	86.5	89.5	91.3	93.9	95.9	96.8	98.0	98.6	98.7	98.9	99.0	99.1	99.1
≥ 200	6.7	80.6	84.0	86.5	89.5	91.3	93.9	95.9	96.9	98.3	99.0	99.2	99.5	99.6	99.7	99.9
≥ 100	6.7	80.6	84.0	86.5	89.5	91.3	93.9	95.9	96.9	98.3	99.0	99.2	99.5	99.6	99.7	99.9
≥ 0	6.7	80.6	84.0	86.5	89.5	91.3	93.9	95.9	96.9	98.3	99.0	99.2	99.5	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

137 5

ANDREWS AFB MD

70,73-81

JAN

STATION

STATION NAME

YEARS

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	6.9	50.2	50.4	50.6	50.8	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
IV 20000	7.2	55.8	56.0	56.2	56.3	56.5	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
IV 18000	7.2	56.6	56.8	57.0	57.1	57.2	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
IV 16000	7.4	57.1	57.3	57.5	57.6	57.7	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
IV 14000	7.4	57.8	58.1	58.3	58.4	58.5	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
IV 12000	7.4	58.5	58.7	58.9	59.0	59.1	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
IV 10000	8.1	61.4	61.7	62.0	62.2	62.3	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 9000	8.1	62.2	62.5	62.8	62.9	63.0	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
IV 8000	8.2	66.6	66.9	67.2	67.3	67.4	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
IV 7000	8.2	68.7	69.1	69.5	69.6	69.7	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
IV 6000	8.2	71.2	71.7	72.2	72.3	72.4	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 5000	8.2	73.9	74.5	74.9	75.1	75.2	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
IV 4500	8.3	75.1	75.7	76.2	76.3	76.5	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 4000	8.4	77.8	78.6	79.2	79.6	79.7	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
IV 3500	8.4	78.9	79.9	80.5	80.9	81.1	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IV 3000	8.4	80.5	81.7	82.8	83.3	83.5	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 2500	8.4	82.9	84.1	85.3	85.9	86.1	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 2000	8.4	83.9	85.1	86.2	86.9	87.1	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 1800	8.4	84.1	85.3	86.6	87.2	87.4	87.8	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 1500	8.4	84.5	85.8	87.2	88.0	88.2	88.6	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 1200	8.4	85.1	86.6	88.1	88.8	89.0	89.6	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 1000	8.4	85.2	86.8	88.6	89.5	89.9	90.6	91.0	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 900	8.4	85.3	86.9	88.7	89.6	90.0	90.8	91.1	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 800	8.4	85.4	87.0	89.0	89.9	90.3	91.1	91.5	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 700	8.4	85.4	87.1	89.6	91.0	91.4	92.3	92.8	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 600	8.4	85.4	87.1	89.6	91.1	91.5	92.5	93.0	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 500	8.4	85.4	87.1	89.7	91.3	91.8	92.9	93.7	94.0	94.5	94.7	94.7	94.7	94.8	94.8	94.8
IV 400	8.4	85.4	87.1	89.8	91.4	91.9	93.7	94.9	95.3	95.9	96.1	96.1	96.2	96.2	96.2	96.2
IV 300	8.4	85.4	87.1	89.9	91.5	92.0	93.8	95.4	95.7	96.3	96.7	96.8	97.0	97.0	97.2	97.3
IV 200	8.4	85.4	87.1	90.0	91.6	92.3	94.0	95.6	96.0	96.8	97.2	97.4	97.8	97.8	98.3	98.5
IV 100	8.4	85.4	87.1	90.0	91.6	92.3	94.0	95.6	96.0	96.9	97.3	97.6	98.2	98.3	98.8	99.6
IV 0	8.4	85.4	87.1	90.0	91.6	92.3	94.0	95.6	96.0	96.9	97.3	97.6	98.2	98.3	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS

93

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1375

ANDREWS AFB MD

70,73-81

JAN

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	¾	≥0
NO CEILING	9.4	52.0	52.3	52.4	52.4	52.4	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 20000	9.6	57.4	57.6	57.8	57.8	57.8	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
W 18000	9.6	57.7	58.0	58.2	58.2	58.2	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
W 16000	9.8	58.2	58.4	58.6	58.6	58.6	58.9	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
W 14000	9.9	59.0	59.2	59.5	59.5	59.5	59.8	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
W 12000	9.9	61.3	61.5	61.7	61.7	61.7	62.0	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
W 10000	10.4	64.5	64.8	65.1	65.1	65.1	65.4	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
W 9000	10.4	65.1	65.4	65.6	65.6	65.6	65.9	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
W 8000	10.4	68.6	68.9	69.1	69.1	69.1	69.5	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
W 7000	10.6	70.8	71.1	71.3	71.3	71.3	71.6	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
W 6000	10.6	72.5	72.9	73.1	73.2	73.2	73.5	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
W 5000	10.8	75.9	76.3	76.6	76.7	76.7	77.0	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
W 4500	10.8	76.8	77.2	77.4	77.5	77.5	77.8	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
W 4000	10.8	78.5	79.1	79.4	79.5	79.6	79.9	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
W 3500	10.9	79.7	80.2	80.5	80.6	80.8	81.1	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
W 3000	11.1	81.8	82.9	83.3	83.4	83.5	83.9	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
W 2500	11.1	82.8	84.0	84.4	84.5	84.7	85.2	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
W 2000	11.3	84.9	86.1	86.7	86.9	87.1	87.5	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
W 1800	11.3	84.9	86.1	86.7	87.0	87.2	87.6	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
W 1500	11.3	85.6	86.8	87.4	88.0	88.2	88.7	89.1	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4
W 1200	11.3	86.0	87.2	87.8	88.4	88.6	89.1	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
W 1000	11.3	86.5	87.6	88.3	88.9	89.1	89.7	90.1	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4
W 900	11.3	86.6	87.7	88.4	89.2	89.5	90.0	90.6	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0
W 800	11.3	86.6	87.7	88.8	89.8	90.0	90.5	91.2	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5
W 700	11.3	86.7	88.1	89.2	90.6	91.0	91.5	92.2	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5
W 600	11.3	86.7	88.3	89.7	91.1	91.4	92.0	92.7	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1
W 500	11.3	86.7	88.4	89.8	91.3	91.6	92.5	93.4	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0
W 400	11.3	86.7	88.5	90.6	92.6	92.9	93.8	94.8	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5
W 300	11.3	86.7	88.6	90.8	93.0	93.4	94.3	95.5	95.9	96.1	96.1	96.1	96.2	96.3	96.3	96.3
W 200	11.3	86.7	88.6	90.9	93.1	93.5	94.4	95.8	96.6	97.1	97.5	97.8	97.8	98.0	98.0	98.3
W 100	11.3	86.7	88.6	90.9	93.1	93.5	94.4	95.8	96.6	97.3	97.8	97.8	98.2	98.4	98.4	99.1
W 0	11.3	86.7	88.6	90.9	93.1	93.5	94.4	95.8	96.6	97.3	97.8	97.8	98.2	98.4	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1775

ANDREWS AFB MD

70,73-81

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	≥¾	≥¾	≥5/16	≥¼	≥0
NO CEILING	6.5	46.1	46.7	47.0	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.3
IV 20000	6.8	51.1	51.9	52.3	52.4	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.7
IV 18000	6.8	51.6	52.4	52.8	53.0	53.0	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
IV 16000	6.9	51.9	52.8	53.1	53.3	53.3	53.5	53.5	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6
IV 14000	6.9	53.0	53.8	54.2	54.4	54.4	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
IV 12000	7.0	55.0	55.9	56.2	56.4	56.4	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.7
IV 10000	7.4	59.3	60.2	60.5	60.7	60.8	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
IV 9000	7.4	60.2	61.1	61.5	61.7	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
IV 8000	7.5	64.1	65.2	65.5	65.7	65.8	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1
IV 7000	7.6	66.1	67.3	67.7	68.0	68.0	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
IV 6000	7.7	67.6	68.8	69.3	69.6	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.0
IV 5000	7.7	70.2	71.6	72.2	72.5	72.6	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
IV 4500	7.8	71.8	73.3	73.9	74.2	74.3	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
IV 4000	7.8	74.7	76.3	77.2	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 3500	7.9	75.5	77.2	78.1	78.6	78.7	79.0	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 3000	7.9	77.6	79.6	80.7	81.4	81.5	81.9	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2
IV 2500	7.9	78.5	80.6	81.8	82.7	82.8	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.6
IV 2000	8.0	79.7	81.9	83.2	84.1	84.3	84.8	85.1	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3
IV 1800	8.0	79.8	82.0	83.3	84.3	84.5	85.0	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV 1500	8.0	80.3	82.6	84.0	85.0	85.3	85.8	86.3	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 1200	8.0	80.8	83.2	84.7	85.9	86.1	86.7	87.2	87.3	87.4	87.4	87.5	87.5	87.5	87.5	87.5
IV 1000	8.0	81.0	83.7	85.4	86.6	86.9	87.6	88.2	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 900	8.0	81.2	83.9	85.6	86.9	87.2	88.0	88.6	88.8	89.0	89.0	89.1	89.1	89.1	89.1	89.1
IV 800	8.0	81.3	84.1	86.0	87.4	87.8	88.8	89.5	89.6	89.9	90.0	90.1	90.1	90.1	90.1	90.1
IV 700	8.0	81.4	84.3	86.4	88.1	88.6	89.6	90.4	90.6	91.0	91.1	91.1	91.1	91.1	91.1	91.2
IV 600	8.0	81.4	84.4	86.6	88.4	89.0	90.1	91.0	91.2	91.6	91.8	91.8	91.9	91.9	91.9	91.9
IV 500	8.0	81.5	84.6	86.9	89.0	89.9	91.2	92.3	92.6	93.2	93.4	93.5	93.6	93.7	93.7	93.7
IV 400	8.0	81.5	84.7	87.3	89.8	90.8	92.3	93.7	94.1	94.8	95.1	95.2	95.4	95.4	95.5	95.5
IV 300	8.0	81.5	84.7	87.4	89.9	91.1	92.9	94.6	95.1	96.0	96.4	96.5	96.8	96.9	96.9	97.0
IV 200	8.0	81.5	84.7	87.4	90.0	91.2	93.0	94.8	95.5	96.7	97.2	97.3	97.8	97.9	98.0	98.2
IV 100	8.0	81.5	84.7	87.4	90.0	91.2	93.1	94.9	95.6	97.0	97.7	97.8	98.4	98.7	99.0	99.6
IV 0	8.0	81.5	84.7	87.4	90.0	91.2	93.1	94.9	95.6	97.0	97.7	97.8	98.4	98.7	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 7441



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13715

ANDREWS AFB MD

70,73-81

FEB

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

HOURS (L.E.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	4.6	56.9	57.3	57.3	57.4	57.4	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	58.0
IV 20000	5.0	60.3	60.8	60.8	60.9	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.5
IV 18000	5.0	60.9	61.3	61.3	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	62.1
IV 16000	5.0	61.9	62.4	62.4	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	63.1
IV 14000	5.0	62.8	63.2	63.2	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.9
IV 12000	5.0	63.4	63.9	63.9	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.7
IV 10000	5.1	66.5	67.4	67.4	67.6	67.6	67.6	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	68.3
IV 9000	5.1	67.0	67.8	68.0	68.2	68.2	68.2	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.9
IV 8000	5.1	69.3	70.1	70.2	70.7	70.7	70.7	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.4
IV 7000	5.1	72.0	72.9	73.0	73.5	73.5	73.5	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	74.2
IV 6000	5.1	73.9	74.9	75.1	75.5	75.5	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	76.2
IV 5000	5.1	76.2	77.4	77.5	78.1	78.1	78.4	78.5	78.6	78.7	78.7	78.7	78.7	78.7	78.7	79.2
IV 4500	5.1	77.7	79.0	79.3	80.0	80.3	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	81.1
IV 4000	5.1	78.8	80.4	80.7	81.4	81.7	81.8	81.9	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.9
IV 3500	5.1	80.5	82.0	82.4	83.1	83.3	83.5	83.6	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.5
IV 3000	5.1	81.8	83.6	84.3	85.3	85.6	85.8	85.9	86.2	86.3	86.4	86.4	86.4	86.4	86.4	86.9
IV 2500	5.1	82.4	84.4	85.1	86.2	86.6	86.9	87.0	87.2	87.4	87.5	87.5	87.5	87.5	87.5	87.9
IV 2000	5.1	83.1	85.2	86.1	87.4	87.8	88.1	88.2	88.4	88.5	88.7	88.7	88.7	88.7	88.7	89.1
IV 1800	5.1	83.2	85.3	86.2	87.8	88.3	88.5	88.7	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.6
IV 1500	5.1	83.7	85.8	86.8	88.4	88.9	89.1	89.2	89.5	89.6	89.7	89.7	89.7	89.7	89.7	90.2
IV 1200	5.1	84.4	86.6	87.6	89.4	89.8	90.2	90.3	90.5	90.7	90.8	90.8	90.8	90.8	90.8	91.3
IV 1000	5.1	84.6	86.9	87.9	89.8	90.3	90.7	90.8	91.0	91.1	91.3	91.3	91.3	91.3	91.3	91.7
IV 900	5.1	84.6	86.9	87.9	89.8	90.3	90.7	90.8	91.0	91.1	91.3	91.3	91.3	91.3	91.3	91.7
IV 800	5.1	84.9	87.5	88.7	90.5	91.0	91.4	91.6	92.0	92.1	92.3	92.3	92.3	92.3	92.3	92.8
IV 700	5.1	84.9	87.5	89.0	90.9	91.4	91.7	92.0	92.3	92.4	92.7	92.7	92.7	92.7	92.7	93.1
IV 600	5.1	84.9	87.5	89.1	91.0	91.6	92.0	92.2	92.6	92.7	92.9	92.9	93.0	93.0	93.0	93.5
IV 500	5.1	85.0	87.7	89.6	91.5	92.1	92.6	93.0	93.5	93.6	93.9	93.9	94.0	94.0	94.0	94.4
IV 400	5.1	85.0	87.7	89.7	91.7	92.4	93.1	93.7	94.3	94.4	94.7	94.7	94.8	94.8	94.8	95.3
IV 300	5.1	85.0	87.7	89.7	92.1	92.8	93.7	94.7	95.5	95.6	96.0	96.0	96.2	96.2	96.2	96.8
IV 200	5.1	85.1	87.8	90.0	92.3	93.0	94.0	94.9	95.7	96.0	96.3	96.3	96.9	96.9	96.9	97.6
IV 100	5.1	85.1	87.8	90.0	92.3	93.0	94.0	94.9	96.0	96.3	96.8	96.8	97.5	97.5	98.3	99.5
IV 0	5.1	85.1	87.8	90.0	92.3	93.0	94.0	94.9	96.0	96.3	96.8	96.8	97.5	97.5	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS

846

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13705

ANDREWS AFB MD

70,73-81

FEB

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	≥ 5/16	≥ ¼	≥ 0
NO CEILING	3.4	56.4	57.7	57.9	57.9	58.0	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.3
IV 20000	3.7	60.0	61.6	61.8	62.1	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.4
IV 18000	3.7	60.2	61.7	61.9	62.2	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.5
IV 16000	3.7	60.8	62.3	62.5	62.8	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.1
IV 14000	3.7	61.0	62.5	62.8	63.0	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.4
IV 12000	3.8	61.9	63.5	63.8	64.1	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.4
IV 10000	3.8	65.7	67.3	67.6	67.8	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.2
IV 9000	3.8	66.4	68.0	68.3	68.6	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9
IV 8000	3.8	69.6	71.4	71.7	72.1	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.5
IV 7000	3.8	71.5	73.3	73.6	74.0	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.3
IV 6000	3.9	72.8	74.6	74.9	75.3	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.7
IV 5000	3.8	74.9	76.8	77.3	77.8	78.1	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.7
IV 4500	3.9	76.5	78.6	79.1	79.7	80.0	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.6
IV 4000	3.8	77.7	80.0	80.6	81.3	81.7	82.0	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.4
IV 3500	3.8	78.4	80.9	81.7	82.4	82.7	83.1	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.5
IV 3000	3.8	79.4	82.3	83.2	84.6	85.0	85.3	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.8
IV 2500	3.8	80.4	83.5	84.5	86.2	86.5	87.1	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.6
IV 2000	3.8	81.0	84.3	85.3	87.2	87.6	88.2	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.8
IV 1800	3.8	81.0	84.3	85.3	87.2	87.6	88.2	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.8
IV 1500	3.8	81.3	84.8	85.8	87.7	88.1	88.7	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.2
IV 1200	3.8	81.8	85.2	86.3	88.3	88.7	89.2	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.8
IV 1000	3.8	81.8	85.5	86.6	88.9	89.2	89.8	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.5
IV 900	3.8	82.2	85.8	87.0	89.2	89.6	90.2	90.5	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.9
IV 800	3.8	82.2	85.9	87.1	89.4	89.7	90.3	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	91.0
IV 700	3.8	82.4	86.3	87.5	89.8	90.2	90.9	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.6
IV 600	3.8	82.5	86.5	87.7	90.1	90.4	91.1	91.5	91.5	91.6	91.6	91.6	91.6	91.7	91.7	92.0
IV 500	3.8	82.6	86.6	87.9	90.3	90.7	91.7	92.2	92.2	92.4	92.6	92.6	92.6	92.7	92.7	92.9
IV 400	3.8	82.6	86.8	88.2	90.5	90.9	92.4	93.4	93.9	94.3	94.4	94.4	94.4	94.6	94.6	94.8
IV 300	3.8	82.6	86.8	88.3	90.7	91.0	92.7	94.1	94.6	95.2	95.3	95.3	95.3	95.5	95.5	95.7
IV 200	3.8	82.6	86.8	88.4	90.8	91.1	92.8	94.3	94.9	95.7	95.9	95.9	96.2	96.2	96.3	97.3
IV 100	3.8	82.6	86.8	88.4	90.9	91.4	93.0	94.6	95.2	96.0	96.2	96.3	96.8	96.8	97.5	99.6
IV 0	3.8	82.6	86.8	88.4	90.9	91.4	93.0	94.6	95.2	96.0	96.2	96.3	96.8	96.8	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13705

ANDREWS AFB MD

70,73-81

FEB

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	≥¼	≥0
NO CEILING	2.2	49.8	51.3	51.5	51.9	51.9	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.2
≥ 20000	2.4	54.5	56.3	56.7	57.1	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.6
≥ 18000	2.4	54.7	56.6	57.1	57.4	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.9
≥ 16000	2.4	55.1	57.0	57.4	57.8	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.3
≥ 14000	2.4	56.1	58.2	58.6	59.0	59.0	59.2	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.6
≥ 12000	2.4	58.4	60.4	60.9	61.3	61.3	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.9
≥ 10000	2.4	61.7	63.9	64.8	65.2	65.2	65.6	65.6	65.6	65.7	65.7	65.7	65.8	65.8	65.8	66.2
≥ 9000	2.4	62.6	64.9	65.7	66.2	66.2	66.5	66.5	66.5	66.6	66.7	66.7	66.7	66.8	66.8	67.1
≥ 8000	2.4	64.8	67.5	68.3	68.9	69.0	69.4	69.4	69.4	69.6	69.6	69.6	69.7	69.7	69.7	70.1
≥ 7000	2.4	67.7	70.4	71.3	71.9	72.1	72.6	72.6	72.6	72.8	72.8	72.8	72.9	72.9	72.9	73.3
≥ 6000	2.4	69.0	71.7	72.6	73.3	73.5	74.0	74.0	74.0	74.2	74.2	74.2	74.3	74.3	74.3	74.7
≥ 5000	2.4	72.3	75.1	76.1	77.1	77.4	78.3	78.3	78.3	78.6	78.6	78.6	78.7	78.7	78.7	79.1
≥ 4500	2.4	73.5	76.2	77.3	78.3	78.6	79.4	79.6	79.6	80.0	80.0	80.0	80.1	80.1	80.1	80.5
≥ 4000	2.4	75.9	78.6	79.8	80.9	81.2	82.0	82.2	82.2	82.6	82.6	82.6	82.7	82.7	82.7	83.1
≥ 3500	2.4	75.9	78.6	79.9	81.0	81.3	82.2	82.3	82.3	82.9	82.9	82.9	83.0	83.0	83.0	83.3
≥ 3000	2.4	77.2	79.9	81.3	82.6	83.0	83.9	84.0	84.0	84.6	84.6	84.6	84.8	84.8	84.8	85.1
≥ 2500	2.4	77.5	80.3	81.8	83.1	83.5	84.4	84.5	84.5	85.1	85.1	85.1	85.2	85.2	85.2	85.6
≥ 2000	2.4	78.4	81.2	83.1	84.4	84.9	85.8	86.1	86.3	86.9	86.9	86.9	87.0	87.0	87.0	87.4
≥ 1800	2.4	78.7	81.6	83.5	84.8	85.2	86.2	86.4	86.6	87.2	87.2	87.2	87.4	87.4	87.4	87.7
≥ 1500	2.4	79.2	82.4	84.3	85.8	86.3	87.2	87.5	87.7	88.3	88.3	88.3	88.4	88.4	88.4	88.8
≥ 1200	2.4	79.4	82.9	84.8	86.4	86.9	87.8	88.2	88.4	89.0	89.0	89.0	89.1	89.1	89.1	89.5
≥ 1000	2.4	79.4	82.9	84.8	86.6	87.1	88.2	88.7	88.9	89.7	89.7	89.7	89.8	89.8	89.8	90.2
≥ 900	2.4	79.6	83.0	84.9	86.8	87.2	88.3	88.8	89.0	89.8	89.8	89.8	90.0	90.0	90.0	90.3
≥ 800	2.4	79.6	83.1	85.0	87.0	87.5	88.7	89.1	89.4	90.2	90.2	90.2	90.3	90.3	90.3	90.7
≥ 700	2.4	79.6	83.1	85.2	87.4	88.1	89.2	89.7	90.1	91.4	91.4	91.4	91.5	91.5	91.5	91.8
≥ 600	2.4	79.6	83.2	85.3	87.7	88.4	89.6	90.3	90.7	92.0	92.0	92.0	92.2	92.2	92.2	92.6
≥ 500	2.4	79.6	83.3	85.7	88.4	89.1	90.8	91.7	92.1	93.5	93.5	93.6	93.9	93.9	93.9	94.2
≥ 400	2.4	79.6	83.5	85.8	88.7	89.4	91.1	92.4	92.8	94.9	95.0	95.2	95.4	95.4	95.4	95.7
≥ 300	2.4	79.6	83.5	85.8	88.7	89.4	91.4	93.0	93.4	96.0	96.2	96.3	96.6	96.6	96.6	96.9
≥ 200	2.4	79.6	83.5	85.8	88.7	89.4	91.6	93.3	93.7	96.3	96.8	96.9	97.3	97.3	97.4	97.9
≥ 100	2.4	79.6	83.5	85.8	88.7	89.4	91.6	93.3	93.9	96.6	97.0	97.2	97.8	98.0	98.7	99.9
≥ 0	2.4	79.6	83.5	85.8	88.7	89.4	91.6	93.4	94.0	96.7	97.2	97.3	97.9	98.1	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS

846

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13705

ANDREWS AFB MD

70,73-81

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	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	3.1	47.2	47.5	47.6	47.8	47.8	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 20000	3.1	55.1	55.7	55.8	55.9	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
IV 18000	3.1	56.1	56.7	56.9	57.0	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
IV 16000	3.1	56.4	57.0	57.1	57.2	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
IV 14000	3.1	57.1	57.7	57.8	57.9	57.9	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
IV 12000	3.1	59.9	67.5	60.6	60.8	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
IV 10000	3.1	63.9	64.7	64.9	65.0	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
IV 9000	3.1	64.4	65.1	65.4	65.5	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.1	66.1	66.1	66.1
IV 8000	3.1	67.7	68.6	68.8	68.9	69.1	69.4	69.4	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5
IV 7000	3.1	69.9	70.7	71.0	71.2	71.4	72.0	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.1	72.1
IV 6000	3.1	71.0	72.0	72.3	72.5	73.0	73.6	73.6	73.6	73.6	73.6	73.8	73.8	73.8	73.8	73.8
IV 5000	3.1	72.7	73.6	74.0	74.2	75.1	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2
IV 4500	3.1	73.0	74.0	74.3	74.6	75.4	76.5	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6
IV 4000	3.1	75.2	76.6	77.2	77.5	78.4	79.4	79.4	79.4	79.4	79.4	79.6	79.6	79.6	79.6	79.6
IV 3500	3.1	76.2	77.7	78.4	79.1	79.9	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3
IV 3000	3.1	77.7	79.2	80.0	81.0	81.8	83.3	83.3	83.3	83.3	83.5	83.6	83.6	83.6	83.6	83.6
IV 2500	3.1	77.9	79.4	80.3	81.2	82.0	83.7	83.8	83.8	84.0	84.2	84.2	84.2	84.2	84.2	84.2
IV 2000	3.1	78.5	80.3	81.1	82.0	82.9	84.5	84.6	84.6	85.0	85.1	85.1	85.1	85.1	85.1	85.1
IV 1800	3.1	79.0	80.7	81.6	82.5	83.3	85.1	85.2	85.2	85.6	85.7	85.7	85.7	85.7	85.7	85.7
IV 1500	3.1	79.3	81.1	81.9	83.0	83.8	85.6	85.7	85.7	86.1	86.3	86.3	86.3	86.3	86.3	86.3
IV 1200	3.1	79.7	81.8	82.7	83.9	84.8	86.8	86.9	87.0	87.4	87.6	87.6	87.6	87.6	87.6	87.6
IV 1000	3.1	80.1	82.4	83.3	84.8	85.6	87.9	88.2	88.4	89.0	89.4	89.4	89.5	89.5	89.5	89.5
IV 900	3.1	80.1	82.4	83.3	84.9	85.7	88.3	88.5	88.8	89.4	89.7	89.7	89.8	89.8	89.8	89.8
IV 800	3.1	80.3	82.6	83.8	85.6	86.5	89.1	89.5	89.7	90.4	90.8	90.8	90.9	90.9	90.9	90.9
IV 700	3.1	80.4	82.9	84.2	86.3	87.2	89.8	90.3	90.5	91.3	91.6	91.6	91.8	91.8	91.8	91.8
IV 600	3.1	80.4	82.9	84.2	86.5	87.5	90.2	90.7	90.9	91.6	92.1	92.1	92.3	92.4	92.4	92.4
IV 500	3.1	80.5	83.0	84.3	86.8	88.2	91.5	92.2	92.4	93.3	93.9	94.0	94.2	94.3	94.3	94.3
IV 400	3.1	80.5	83.0	84.3	86.8	88.4	92.4	93.5	94.1	95.3	95.9	96.1	96.3	96.5	96.5	96.5
IV 300	3.1	80.5	83.0	84.3	86.8	88.8	92.9	94.1	94.8	96.3	96.9	97.3	97.5	97.6	97.8	97.8
IV 200	3.1	80.5	83.0	84.3	86.8	88.9	93.0	94.2	95.0	96.8	97.5	98.0	98.3	98.5	98.8	99.1
IV 100	3.1	80.5	83.0	84.3	86.8	88.9	93.0	94.2	95.0	96.8	97.5	98.0	98.5	98.7	99.3	100.0
IV 0	3.1	80.5	83.0	84.3	86.8	88.9	93.0	94.2	95.0	96.8	97.5	98.0	98.5	98.7	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS

846

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13705

ANDREWS AFB MD

70,73-81

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	≥¼	≥0
NO CEILING	3.0	49.3	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 20000	3.1	57.2	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 18000	3.1	58.0	58.3	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 16000	3.1	58.5	58.7	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 14000	3.1	59.2	59.5	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 12000	3.2	61.6	61.8	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 10000	3.4	66.2	66.5	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 9000	3.4	66.8	67.3	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 8000	3.5	69.4	69.9	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 7000	3.5	70.4	70.9	71.2	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 6000	3.5	71.5	72.0	72.2	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 5000	3.5	73.9	74.3	74.6	74.8	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 4500	3.5	74.8	75.3	75.8	76.0	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 4000	3.5	77.8	79.0	79.7	80.0	80.4	80.4	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 3500	3.5	78.4	79.8	80.6	81.1	81.4	81.6	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 3000	3.5	79.9	81.6	82.5	83.2	83.6	83.7	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 2500	3.5	80.3	82.0	83.0	83.7	84.0	84.2	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 2000	3.5	81.1	83.1	84.0	84.9	85.2	85.5	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 1800	3.5	81.2	83.2	84.2	85.0	85.3	85.6	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 1500	3.5	81.4	83.5	84.6	85.6	86.1	86.5	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 1200	3.5	82.4	84.6	85.9	86.9	87.4	88.1	88.4	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1000	3.5	82.9	85.5	87.1	88.4	89.0	90.1	90.7	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 900	3.5	83.1	85.8	87.6	88.9	89.5	90.7	91.3	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 800	3.5	83.1	85.9	87.7	89.4	90.0	91.1	91.7	91.8	92.1	92.3	92.4	92.4	92.4	92.4	92.4
≥ 700	3.5	83.2	86.4	88.2	89.8	90.4	91.7	92.4	92.6	92.8	93.1	93.3	93.3	93.4	93.4	93.4
≥ 600	3.5	83.2	86.4	88.2	90.1	91.1	92.7	93.7	93.9	94.2	94.6	94.7	94.7	94.8	94.8	94.8
≥ 500	3.5	83.2	86.4	88.2	90.1	91.3	93.3	94.8	94.9	95.6	96.2	96.5	96.5	96.6	96.6	96.6
≥ 400	3.5	83.2	86.4	88.2	90.3	91.6	93.9	95.6	96.0	96.8	97.5	97.8	97.9	98.0	98.1	98.1
≥ 300	3.5	83.2	86.4	88.2	90.3	91.7	94.0	95.9	96.2	97.5	98.7	98.9	99.2	99.3	99.4	99.4
≥ 200	3.5	83.2	86.4	88.2	90.3	91.7	94.0	95.9	96.2	97.5	98.9	99.2	99.5	99.6	99.8	99.8
≥ 100	3.5	83.2	86.4	88.2	90.3	91.7	94.0	95.9	96.2	97.5	98.9	99.2	99.6	99.8	99.9	100.0
≥ 0	3.5	83.2	86.4	88.2	90.3	91.7	94.0	95.9	96.2	97.5	98.9	99.2	99.6	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1375

ANDREWS AFB MD

70,73-81

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	≥5/16	¾	≥0
NO CEILING	4.4	49.4	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 20000	4.4	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
IV 18000	4.4	57.2	57.6	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	57.8
IV 16000	4.4	58.0	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	58.9
IV 14000	4.5	58.5	59.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
IV 12000	4.5	60.0	60.5	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
IV 10000	4.7	64.3	64.8	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
IV 9000	4.7	64.5	65.0	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
IV 8000	4.7	67.1	67.8	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
IV 7000	4.7	70.2	71.0	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
IV 6000	4.7	71.4	72.2	72.8	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
IV 5000	4.7	74.0	74.8	75.5	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
IV 4500	4.7	74.8	75.7	76.4	76.5	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 4000	4.8	77.2	78.6	79.8	80.0	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
IV 3500	4.8	78.3	79.9	81.1	81.3	81.4	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 3000	4.8	79.4	81.4	83.5	83.8	83.9	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 2500	5.0	79.9	81.9	83.9	84.4	84.5	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 2000	5.0	80.7	83.1	85.1	85.9	86.2	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 1800	5.0	80.9	83.5	85.5	86.4	86.8	86.9	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 1500	5.0	81.3	84.3	86.5	87.5	88.2	88.5	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 1200	5.0	82.0	85.1	87.4	88.4	89.1	89.6	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 1000	5.0	82.3	85.3	87.8	88.9	89.6	90.3	90.9	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 900	5.0	82.4	85.7	88.2	89.2	90.0	90.8	91.4	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 800	5.0	82.4	85.7	88.2	89.2	90.0	90.9	91.7	91.8	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 700	5.0	82.4	85.8	88.3	89.4	90.3	91.3	92.1	92.2	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 600	5.0	82.4	85.8	88.3	89.4	90.4	91.6	92.7	93.0	93.4	93.9	93.9	93.9	94.0	94.0	94.0	94.0
IV 500	5.0	82.5	85.9	88.5	89.8	91.0	92.8	94.1	94.6	94.9	95.4	95.4	95.4	95.4	95.5	95.9	95.9
IV 400	5.0	82.5	85.9	88.5	89.8	91.0	92.9	95.0	95.6	96.2	96.7	96.8	96.8	96.8	97.0	97.5	97.5
IV 300	5.0	82.5	85.9	88.5	89.8	91.0	92.9	95.2	95.7	96.7	97.6	98.1	98.3	98.6	99.1	99.1	99.1
IV 200	5.0	82.5	85.9	88.5	89.8	91.0	92.9	95.2	95.9	96.9	98.0	98.6	99.2	99.4	99.9	99.9	99.9
IV 100	5.0	82.5	85.9	88.5	89.8	91.0	92.9	95.2	95.9	96.9	98.0	98.6	99.2	99.5	100.0	100.0	100.0
IV 0	5.0	82.5	85.9	88.5	89.8	91.0	92.9	95.2	95.9	96.9	98.0	98.6	99.2	99.5	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

846

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

137 5

ANDREWS AFB MD

70, 73-81

FEB

STATION

STATION NAME

YEARS

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	¼	≥ 0
NO CEILING IN 20000	6.5	55.3	55.6	55.6	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
IN 18000	7.1	60.3	60.6	60.8	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
IN 16000	7.0	61.1	61.5	61.6	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
IN 14000	7.1	61.9	62.3	62.4	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IN 12000	7.1	63.0	63.4	63.5	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
IN 10000	7.1	66.3	66.7	66.8	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
IN 9000	7.1	66.5	66.9	67.0	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
IN 8000	7.1	69.7	70.1	70.4	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
IN 7000	7.3	71.3	71.6	72.2	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IN 6000	7.3	72.3	72.7	73.4	73.5	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
IN 5000	7.3	74.9	75.8	76.6	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IN 4500	7.3	75.7	76.7	77.8	77.9	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IN 4000	7.3	78.4	79.9	81.3	81.4	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
IN 3500	7.3	79.7	81.3	83.3	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IN 3000	7.3	80.9	82.6	84.9	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IN 2500	7.3	81.4	83.3	85.6	85.9	86.3	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IN 2000	7.3	82.0	84.2	86.6	87.4	87.8	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IN 1800	7.3	82.0	84.2	86.6	87.4	87.8	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IN 1500	7.3	82.2	84.3	86.9	87.6	88.2	88.5	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IN 1200	7.3	82.6	85.0	87.7	88.5	89.2	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IN 1000	7.3	82.7	85.2	87.9	88.8	89.5	90.0	90.1	90.2	90.3	90.5	90.5	90.5	90.5	90.5	90.5
IN 900	7.3	82.7	85.3	88.2	89.0	89.8	90.3	90.4	90.5	90.7	91.0	91.0	91.0	91.0	91.0	91.0
IN 800	7.3	82.7	85.3	88.2	89.0	89.8	90.4	90.7	90.8	90.9	91.4	91.4	91.4	91.4	91.4	91.4
IN 700	7.3	82.7	85.3	88.3	89.4	90.5	91.7	92.3	92.6	92.7	93.1	93.1	93.3	93.3	93.3	93.3
IN 600	7.3	82.7	85.3	88.3	89.5	90.7	92.1	92.9	93.1	93.4	93.9	93.9	94.0	94.1	94.1	94.1
IN 500	7.3	82.7	85.6	88.7	90.0	91.3	92.8	93.9	94.1	94.7	95.3	95.3	95.5	95.6	95.7	95.7
IN 400	7.3	82.7	85.6	88.7	90.3	92.0	93.5	95.0	95.4	96.2	97.0	97.0	97.3	97.4	97.6	97.6
IN 300	7.3	82.7	85.6	88.7	90.3	92.0	93.5	95.0	95.4	96.5	97.5	97.5	97.8	97.9	98.1	98.1
IN 200	7.3	82.7	85.6	88.7	90.3	92.0	93.5	95.4	95.9	96.9	98.0	98.0	98.3	98.5	98.7	98.7
IN 100	7.3	82.7	85.6	88.7	90.3	92.0	93.5	95.4	95.9	96.9	98.2	98.2	98.7	98.9	99.6	99.6
IN 0	7.3	82.7	85.6	88.7	90.3	92.0	93.5	95.4	95.9	96.9	98.2	98.2	98.7	98.9	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

137 5  
 STATION

ANDREWS AFB MD  
 STATION NAME

70,73-81  
 YEARS

FEB  
 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	5.9	58.2	58.5	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 20000	6.4	61.9	62.3	62.9	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 18000	6.4	62.2	62.5	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	6.4	62.6	63.1	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 14000	6.4	63.8	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
IV 12000	6.4	64.4	64.8	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
IV 10000	6.4	66.9	67.4	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IV 9000	6.4	67.4	67.8	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
IV 8000	6.4	70.7	71.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
IV 7000	6.4	72.2	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
IV 6000	6.4	73.9	74.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
IV 5000	6.4	75.2	76.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 4500	6.4	76.2	77.1	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	6.4	80.1	81.0	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 3500	6.4	81.3	82.4	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IV 3000	6.4	83.1	84.3	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 2500	6.4	83.6	84.8	86.5	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 2000	6.4	84.3	85.6	87.4	87.6	87.8	87.8	87.8	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 1800	6.4	84.3	85.6	87.5	87.7	87.9	87.9	87.9	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 1500	6.4	84.5	85.8	87.7	88.1	88.3	88.3	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 1200	6.4	85.1	86.6	88.5	88.9	89.1	89.1	89.1	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 1000	6.4	85.1	86.9	88.9	89.2	89.7	89.7	89.7	89.7	89.8	90.2	90.2	90.2	90.2	90.2	90.2
IV 900	6.4	85.1	87.1	89.2	89.6	90.1	90.1	90.1	90.2	90.5	90.7	90.7	90.7	90.7	90.7	90.7
IV 800	6.4	85.3	87.4	89.6	90.0	90.4	90.4	90.4	90.5	91.3	91.4	91.4	91.4	91.4	91.4	91.4
IV 700	6.4	85.3	87.6	90.0	90.4	90.9	91.0	91.0	91.3	92.2	92.3	92.3	92.3	92.3	92.3	92.3
IV 600	6.4	85.3	87.6	90.0	90.4	90.9	91.0	91.0	91.3	91.5	92.6	92.7	92.7	92.7	92.7	92.7
IV 500	6.4	85.3	87.9	90.4	90.9	91.6	91.7	92.6	92.8	93.9	94.0	94.0	94.0	94.1	94.1	94.1
IV 400	6.4	85.3	87.9	90.7	91.3	92.1	92.6	93.9	94.3	95.5	95.6	95.6	95.7	95.7	95.7	95.7
IV 300	6.4	85.3	87.9	90.7	91.3	92.2	92.8	94.1	94.7	96.0	96.1	96.1	96.3	96.3	96.3	96.3
IV 200	6.4	85.3	87.9	90.7	91.3	92.2	92.8	94.1	95.2	96.8	97.0	97.0	97.3	97.3	97.4	97.4
IV 100	6.4	85.3	87.9	90.7	91.3	92.2	92.8	94.2	95.3	96.9	97.4	97.4	97.8	98.0	98.2	99.1
IV 0	6.4	85.3	87.9	90.7	91.3	92.2	92.8	94.2	95.3	96.9	97.4	97.4	97.8	98.0	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 846



GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

3375

ANDREWS AFB MD

70, 73-81

FEB

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	4.1	52.8	53.4	53.6	53.6	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.9
≥ 20000	4.4	58.3	59.0	59.2	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.5
≥ 18000	4.4	58.7	59.4	59.7	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.0
≥ 16000	4.4	59.3	60.0	60.3	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.7
≥ 14000	4.4	60.1	60.8	61.1	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.5
≥ 12000	4.4	61.6	62.4	62.6	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.0
≥ 10000	4.5	65.2	66.1	66.4	66.6	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.9
≥ 9000	4.5	65.7	66.6	67.0	67.2	67.2	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.5
≥ 8000	4.5	68.5	69.6	70.0	70.3	70.3	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.6
≥ 7000	4.5	70.7	71.7	72.2	72.5	72.6	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	73.0
≥ 6000	4.5	72.0	73.1	73.6	73.9	74.0	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.4
≥ 5000	4.5	74.3	75.5	76.1	76.4	76.7	77.0	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.3
≥ 4500	4.5	75.3	76.6	77.3	77.6	77.9	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.5
≥ 4000	4.6	77.6	79.3	80.2	80.6	81.0	81.3	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.6
≥ 3500	4.6	78.6	80.3	81.4	81.9	82.2	82.6	82.7	82.7	82.8	82.9	82.9	82.9	82.9	82.9	83.0
≥ 3000	4.6	79.9	81.9	83.2	84.0	84.3	84.7	84.8	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.2
≥ 2500	4.6	80.4	82.4	83.8	84.7	85.0	85.5	85.7	85.7	85.8	85.9	85.9	85.9	85.9	85.9	86.0
≥ 2000	4.6	81.1	83.4	84.8	85.8	86.3	86.8	87.0	87.0	87.2	87.2	87.2	87.3	87.3	87.3	87.4
≥ 1800	4.6	81.3	83.5	85.0	86.1	86.5	87.1	87.2	87.3	87.5	87.5	87.5	87.6	87.6	87.6	87.7
≥ 1500	4.6	81.6	84.0	85.6	86.7	87.2	87.8	88.0	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.5
≥ 1200	4.6	82.2	84.7	86.4	87.6	88.1	88.8	89.0	89.1	89.3	89.4	89.4	89.4	89.4	89.4	89.5
≥ 1000	4.6	82.4	85.1	86.8	88.2	88.8	89.6	89.9	90.0	90.4	90.5	90.5	90.5	90.5	90.5	90.6
≥ 900	4.6	82.5	85.3	87.0	88.4	89.0	89.9	90.2	90.4	90.7	90.8	90.8	90.9	90.9	90.9	91.0
≥ 800	4.6	82.6	85.4	87.3	88.8	89.4	90.3	90.7	90.8	91.2	91.4	91.5	91.5	91.5	91.5	91.6
≥ 700	4.6	82.6	85.6	87.6	89.2	89.9	90.9	91.4	91.6	92.1	92.3	92.3	92.4	92.4	92.4	92.5
≥ 600	4.6	82.6	85.7	87.6	89.3	90.1	91.3	91.9	92.1	92.7	92.9	93.0	93.1	93.1	93.1	93.2
≥ 500	4.6	82.7	85.8	87.9	89.7	90.6	92.1	93.1	93.3	94.0	94.3	94.4	94.5	94.6	94.6	94.8
≥ 400	4.6	82.7	85.8	88.0	89.9	91.0	92.7	94.1	94.5	95.5	95.9	96.0	96.1	96.2	96.3	96.4
≥ 300	4.6	82.7	85.8	88.0	90.0	91.1	93.0	94.5	95.0	96.2	96.8	96.9	97.2	97.3	97.4	97.5
≥ 200	4.6	82.7	85.9	88.1	90.0	91.2	93.1	94.7	95.3	96.6	97.3	97.5	97.9	98.0	98.2	98.4
≥ 100	4.6	82.7	85.9	88.1	90.0	91.2	93.1	94.7	95.4	96.7	97.5	97.7	98.2	98.4	99.0	99.7
≥ 0	4.6	82.7	85.9	88.1	90.0	91.2	93.1	94.7	95.4	96.8	97.5	97.7	98.2	98.4	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS

6768

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1375

ANDREWS AFB MD

70,73-81

MAR

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1000-0200  
 HOURS (L.A.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	3.1	50.4	51.0	51.0	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 20000	3.2	56.2	56.8	56.8	56.8	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 18000	3.2	56.5	57.0	57.0	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 16000	3.2	56.7	57.2	57.2	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 14000	3.2	57.7	58.3	58.3	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 12000	3.2	59.4	59.9	59.9	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 10000	3.2	62.3	62.8	62.8	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 9000	3.2	63.2	63.8	63.8	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 8000	3.2	66.5	67.1	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 7000	3.2	67.5	68.2	68.2	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 6000	3.2	69.1	70.0	70.0	70.1	70.1	70.4	70.4	70.4	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5
≥ 5000	3.4	72.4	73.3	73.3	73.4	73.4	73.8	73.8	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9
≥ 4500	3.5	73.8	74.7	74.7	74.8	74.8	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3
≥ 4000	3.5	77.3	78.5	78.5	78.8	78.8	79.1	79.1	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2
≥ 3500	3.5	79.0	80.2	80.3	80.8	80.8	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2
≥ 3000	3.7	80.5	81.7	81.8	82.3	82.3	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7
≥ 2500	3.7	81.9	83.7	83.9	84.4	84.4	84.7	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8
≥ 2000	3.7	82.4	84.2	84.4	84.9	85.1	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5
≥ 1800	3.7	82.6	84.4	84.6	85.2	85.3	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7
≥ 1500	3.7	83.4	85.5	85.7	86.3	86.5	86.8	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1200	3.7	83.5	86.1	86.9	87.6	87.7	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1000	3.7	83.8	86.5	87.3	88.5	88.7	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2
≥ 900	3.7	83.8	86.5	87.3	88.6	88.8	89.2	89.2	89.2	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4
≥ 800	3.7	84.1	86.8	87.8	89.1	89.5	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1
≥ 700	3.7	84.2	87.1	88.2	89.5	89.9	90.4	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5
≥ 600	3.7	84.2	87.2	88.5	89.8	90.3	90.9	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2
≥ 500	3.7	84.2	87.2	88.8	90.3	91.3	92.0	92.4	92.5	92.5	92.5	92.8	92.8	92.8	92.8	92.8	92.8
≥ 400	3.7	84.2	87.3	89.0	91.1	92.2	93.0	93.7	93.8	93.8	93.9	94.5	94.5	94.5	94.5	94.5	94.5
≥ 300	3.7	84.2	87.3	89.1	91.2	92.3	93.2	94.6	94.9	95.3	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 200	3.7	84.2	87.3	89.2	91.3	92.4	93.3	94.7	95.2	95.9	97.1	97.1	97.2	97.2	97.2	97.2	97.2
≥ 100	3.7	84.2	87.3	89.2	91.3	92.4	93.3	95.1	95.5	96.8	98.2	98.3	98.4	98.5	98.5	98.5	98.5
≥ 0	3.7	84.2	87.3	89.2	91.3	92.4	93.3	95.1	95.5	96.8	98.3	98.4	98.5	98.6	98.6	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS

93

GLOBAL CLIMATOLOGY BRANCH  
 US AFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1375

ANDREWS AFB MD

70,73-81

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	¾	¾	≥5/16	¾	≥0
NO CEILING	2.9	47.7	47.7	48.1	48.6	48.6	48.6	48.8	48.8	48.8	48.8	48.8	48.8	48.9	48.9	48.9
≥ 20000	3.1	52.2	53.0	53.3	53.9	53.9	53.9	54.1	54.1	54.1	54.1	54.1	54.1	54.2	54.2	54.2
≥ 18000	3.1	52.6	53.4	53.8	54.3	54.3	54.3	54.5	54.5	54.5	54.5	54.5	54.5	54.6	54.6	54.6
≥ 16000	3.1	52.7	53.5	53.9	54.4	54.4	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.7	54.7	54.7
≥ 14000	3.1	53.5	54.4	54.7	55.3	55.3	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.6	55.6	55.6
≥ 12000	3.1	54.2	55.1	55.4	55.9	55.9	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.2	56.2	56.2
≥ 10000	3.2	58.7	59.6	60.1	60.6	60.6	60.6	60.9	60.9	60.9	60.9	60.9	60.9	61.0	61.0	61.0
≥ 9000	3.2	59.4	60.2	60.8	61.3	61.3	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.6	61.6	61.6
≥ 8000	3.2	62.7	63.5	64.2	64.7	64.7	64.7	64.9	64.9	64.9	64.9	64.9	64.9	65.1	65.1	65.1
≥ 7000	3.2	64.0	64.8	65.5	66.0	66.0	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.3
≥ 6000	3.2	65.6	66.5	67.1	67.6	67.6	67.6	67.8	67.8	67.8	67.8	67.8	67.8	68.0	68.0	68.0
≥ 5000	3.2	67.8	68.9	69.7	70.4	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.8	70.8	70.8
≥ 4500	3.2	69.1	70.2	71.0	71.7	71.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.0
≥ 4000	3.2	73.2	74.5	75.5	76.6	76.6	76.6	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0
≥ 3500	3.2	74.5	75.8	76.9	78.1	78.2	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.6
≥ 3000	3.4	75.7	77.2	78.3	79.6	79.7	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1
≥ 2500	3.4	76.7	78.2	79.7	81.2	81.3	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7
≥ 2000	3.4	77.4	79.0	80.5	82.0	82.2	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8
≥ 1800	3.4	77.5	79.2	80.8	82.3	82.4	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2
≥ 1500	3.4	78.5	80.2	81.8	83.4	83.5	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4
≥ 1200	3.4	79.1	80.9	82.6	84.2	84.3	84.9	85.3	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.4
≥ 1000	3.4	80.1	81.8	83.9	85.5	85.6	86.3	86.8	86.8	86.8	86.8	86.8	86.8	87.0	87.0	87.0
≥ 900	3.4	80.4	82.2	84.2	85.8	85.9	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2
≥ 800	3.4	80.6	82.4	84.5	86.1	86.2	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8
≥ 700	3.4	80.6	82.5	84.7	86.3	86.7	87.8	88.6	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7
≥ 600	3.4	80.6	82.5	85.2	86.9	87.3	88.6	89.4	89.4	89.4	89.4	89.4	89.4	89.5	89.5	89.5
≥ 500	3.4	80.8	82.8	85.7	87.6	88.2	89.9	90.6	90.6	90.6	90.6	90.6	90.6	90.8	90.8	90.8
≥ 400	3.4	80.8	82.9	86.1	88.2	89.2	91.3	92.6	92.6	92.6	92.6	92.6	92.6	92.9	92.9	92.9
≥ 300	3.4	80.8	82.9	86.1	88.3	89.4	91.9	93.4	93.5	93.5	93.5	93.5	93.5	94.3	94.3	94.3
≥ 200	3.4	80.8	82.9	86.1	88.7	89.9	92.7	94.4	94.7	94.7	94.7	94.7	94.7	95.9	95.9	95.9
≥ 100	3.4	80.8	82.9	86.1	88.7	89.9	92.7	94.5	94.9	94.9	94.9	94.9	94.9	96.9	96.9	96.9
≥ 0	3.4	80.8	82.9	86.1	88.7	89.9	92.7	94.5	94.9	94.9	94.9	94.9	94.9	97.0	97.0	97.0

TOTAL NUMBER OF OBSERVATIONS

930

REVISIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1775

ANDREWS AFB MD

70,73-81

MAR

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	≥2%	≥2	≥1%	≥1%	≥1	≥%	≥%	≥%	≥%	≥5/16	≥4	≥0
NO CEILING	1.9	39.9	41.4	41.9	42.4	42.5	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.9	42.9	43.0
≥ 20000	1.9	47.1	48.7	49.5	50.1	50.2	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.5	50.6	50.9
≥ 18000	1.9	48.4	50.0	50.8	51.4	51.5	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.9	52.0	52.0	52.3
≥ 16000	1.9	48.5	50.1	50.9	51.5	51.6	51.8	51.9	51.9	51.9	51.9	51.9	51.9	52.0	52.2	52.2	52.4
≥ 14000	2.0	49.4	51.0	51.7	52.4	52.5	52.7	52.8	52.8	52.9	52.9	52.9	52.9	53.0	53.1	53.1	53.3
≥ 12000	2.0	51.2	52.9	53.7	54.4	54.5	54.7	54.8	54.8	54.9	54.9	54.9	54.9	55.1	55.2	55.2	55.4
≥ 10000	2.0	54.7	56.6	57.3	58.1	58.2	58.4	58.5	58.5	58.6	58.6	58.6	58.6	58.7	58.8	58.8	59.0
≥ 9000	2.0	55.2	57.0	57.8	58.7	58.8	59.0	59.1	59.1	59.2	59.2	59.2	59.2	59.4	59.5	59.5	59.7
≥ 8000	2.0	58.7	60.8	61.6	62.5	62.6	62.8	62.9	62.9	63.0	63.0	63.0	63.0	63.1	63.2	63.2	63.4
≥ 7000	2.2	60.6	62.9	63.8	64.6	64.8	65.1	65.2	65.2	65.3	65.3	65.3	65.3	65.4	65.5	65.5	65.7
≥ 6000	2.2	62.2	64.4	65.3	66.1	66.3	66.6	66.7	66.7	66.8	66.8	66.8	66.8	66.9	67.0	67.0	67.2
≥ 5000	2.2	64.3	66.8	67.8	68.8	69.0	69.4	69.5	69.5	69.6	69.6	69.6	69.6	69.7	69.8	69.8	70.0
≥ 4500	2.2	64.8	67.5	68.7	69.7	69.9	70.2	70.4	70.4	70.5	70.5	70.5	70.5	70.6	70.8	70.8	71.0
≥ 4000	2.2	68.7	71.6	72.8	74.1	74.4	74.7	74.9	74.9	75.1	75.1	75.1	75.1	75.2	75.3	75.3	75.6
≥ 3500	2.2	70.1	73.1	74.3	76.1	76.5	76.8	77.1	77.1	77.2	77.2	77.2	77.2	77.3	77.4	77.4	77.7
≥ 3000	2.2	71.7	74.7	76.2	78.4	78.7	79.0	79.4	79.4	79.5	79.5	79.5	79.5	79.6	79.7	79.7	80.0
≥ 2500	2.2	72.6	75.6	77.3	79.7	80.0	80.5	81.2	81.2	81.3	81.3	81.3	81.3	81.4	81.5	81.5	81.8
≥ 2000	2.2	74.0	77.1	78.8	81.3	81.6	82.3	82.9	82.9	83.0	83.0	83.0	83.0	83.1	83.2	83.2	83.5
≥ 1800	2.2	74.0	77.1	78.8	81.4	81.7	82.4	83.0	83.0	83.1	83.1	83.1	83.1	83.2	83.3	83.3	83.7
≥ 1500	2.2	74.2	77.3	79.1	81.7	82.0	82.7	83.3	83.3	83.4	83.4	83.4	83.4	83.5	83.7	83.7	84.0
≥ 1200	2.2	74.5	77.8	79.8	82.5	82.9	83.5	84.3	84.3	84.4	84.4	84.4	84.4	84.5	84.6	84.6	84.9
≥ 1000	2.2	74.6	78.2	80.2	83.0	83.5	84.2	84.9	84.9	85.3	85.3	85.3	85.3	85.4	85.5	85.5	85.8
≥ 900	2.2	74.7	78.3	80.3	83.2	83.8	84.4	85.2	85.2	85.5	85.5	85.5	85.5	85.6	85.7	85.7	86.0
≥ 800	2.2	74.9	78.5	80.8	83.7	84.2	85.1	85.8	85.8	86.2	86.2	86.2	86.2	86.3	86.6	86.6	86.9
≥ 700	2.2	75.1	78.8	81.4	84.6	85.2	86.2	87.2	87.2	87.6	87.6	87.6	87.6	87.7	88.0	88.0	88.3
≥ 600	2.2	75.1	78.8	81.4	84.9	85.7	87.0	88.0	88.0	88.4	88.4	88.4	88.4	88.5	88.7	88.7	89.0
≥ 500	2.2	75.2	79.1	81.7	85.5	86.8	88.8	90.2	90.2	90.6	90.8	90.8	90.8	91.0	91.2	91.2	91.5
≥ 400	2.2	75.2	79.1	81.8	85.9	87.3	89.7	91.5	91.5	92.2	92.3	92.4	92.4	92.7	92.9	92.9	93.2
≥ 300	2.2	75.2	79.1	81.8	85.9	87.3	89.9	92.0	92.0	93.1	93.4	93.5	93.5	94.1	94.3	94.3	94.6
≥ 200	2.2	75.2	79.1	81.8	86.0	87.4	90.0	93.0	93.2	94.6	95.3	95.6	95.6	96.1	96.6	96.6	96.9
≥ 100	2.2	75.2	79.1	81.8	86.0	87.4	90.0	93.0	93.2	94.7	96.0	96.3	96.3	96.9	97.4	97.5	98.7
≥ 0	2.2	75.2	79.1	81.8	86.0	87.4	90.0	93.0	93.2	94.7	96.1	96.5	97.0	97.6	97.8	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 93

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

177.5  
 STATION

ANDREWS AFB MD  
 STATION NAME

70,73-81  
 YEARS

MAR  
 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	2.7	39.8	43.3	40.5	40.6	40.6	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
≥ 20000	3.0	46.7	47.2	47.7	48.1	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 18000	3.0	47.2	47.7	48.3	48.6	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 16000	3.0	47.8	48.4	48.9	49.2	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 14000	3.0	49.4	49.9	50.4	50.8	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 12000	3.0	51.6	52.2	52.7	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 10000	3.2	55.7	56.3	57.0	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 9000	3.2	56.3	57.1	57.7	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 8000	3.2	59.6	60.5	61.3	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 7000	3.2	61.4	62.5	63.2	63.5	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 6000	3.2	62.4	63.5	64.3	64.6	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 5000	3.2	65.9	67.2	68.0	68.3	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 4500	3.2	66.9	68.2	68.9	69.2	69.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 4000	3.5	70.1	71.6	73.1	73.7	73.7	73.9	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2
≥ 3500	3.5	71.7	72.7	74.4	75.1	75.2	75.4	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7
≥ 3000	3.5	73.5	75.5	77.3	78.2	78.4	78.6	78.8	78.8	78.8	78.9	78.9	79.0	79.0	79.0	79.0
≥ 2500	3.5	74.6	76.6	78.4	79.2	79.5	79.8	80.0	80.1	80.2	80.2	80.2	80.3	80.3	80.3	80.3
≥ 2000	3.5	75.9	78.0	79.8	80.6	81.1	81.8	82.4	82.5	82.6	82.7	82.8	82.8	82.8	82.8	82.8
≥ 1800	3.5	76.0	78.1	79.9	80.8	81.2	82.2	82.7	82.8	82.9	83.0	83.1	83.1	83.1	83.1	83.1
≥ 1500	3.5	76.3	78.4	80.3	81.3	81.7	82.7	83.3	83.4	83.5	83.7	83.8	83.8	83.8	83.8	83.8
≥ 1200	3.5	77.0	79.0	81.2	82.3	82.9	84.0	84.6	84.7	84.8	84.9	85.1	85.1	85.1	85.1	85.1
≥ 1000	3.5	77.2	79.2	81.8	82.9	83.5	84.7	85.4	85.5	85.6	85.8	85.9	85.9	85.9	85.9	85.9
≥ 900	3.5	77.2	79.2	81.9	83.1	83.8	84.9	85.6	85.7	85.8	86.1	86.2	86.2	86.2	86.2	86.2
≥ 800	3.5	77.8	80.0	82.7	84.1	84.8	86.5	87.1	87.3	87.4	87.7	87.8	87.8	87.8	87.8	87.8
≥ 700	3.5	78.1	80.2	83.0	84.4	85.3	87.1	87.8	88.2	88.3	88.6	88.7	88.7	88.7	88.7	88.7
≥ 600	3.5	78.3	80.5	83.4	85.1	86.0	88.3	89.0	89.4	89.6	89.9	90.0	90.0	90.0	90.0	90.0
≥ 500	3.5	78.5	80.9	84.0	86.0	87.2	90.0	91.4	91.9	92.3	92.7	92.8	92.9	92.9	93.0	93.0
≥ 400	3.5	78.6	81.1	84.3	86.8	88.0	91.0	93.1	93.8	94.3	94.8	95.1	95.2	95.2	95.3	95.3
≥ 300	3.5	78.6	81.1	84.3	86.8	88.2	91.3	93.9	94.5	95.4	96.1	96.5	97.0	97.0	97.1	97.1
≥ 200	3.5	79.6	81.1	84.3	86.8	88.2	91.3	94.1	94.7	96.1	97.3	97.6	98.4	98.6	98.7	98.7
≥ 100	3.5	78.6	81.1	84.3	86.8	88.2	91.3	94.1	94.7	96.1	97.3	97.6	98.7	99.2	99.7	99.9
≥ 0	3.5	78.6	81.1	84.3	86.8	88.2	91.3	94.1	94.7	96.1	97.3	97.6	98.7	99.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1975

ANDREWS AFB MD

70,73-81

MAR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1200-1400  
 HOURS (L.A.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	4.2	37.6	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 20000	5.1	48.7	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 18000	5.1	48.5	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 16000	5.1	49.0	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 14000	5.1	50.2	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 12000	5.4	51.9	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 10000	5.5	55.5	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 9000	5.5	56.3	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
≥ 8000	5.5	59.2	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
≥ 7000	5.5	62.0	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 6000	5.5	63.7	63.9	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
≥ 5000	5.5	65.5	66.3	66.5	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	5.5	67.3	68.3	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 4000	5.6	72.6	73.5	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 3500	6.1	74.9	75.9	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
≥ 3000	6.1	78.3	79.4	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 2500	6.1	79.0	80.1	81.1	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 2000	6.2	79.8	80.9	81.8	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 1800	6.2	80.1	81.2	82.3	82.6	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 1500	6.2	82.0	83.4	85.2	85.5	85.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 1200	6.2	82.5	84.1	85.9	86.5	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 1000	6.2	82.6	84.2	86.2	86.8	87.1	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 900	6.2	82.7	84.3	86.3	87.1	87.4	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 800	6.2	83.1	84.8	87.1	88.0	88.5	89.4	89.6	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8
≥ 700	6.2	83.2	84.9	87.5	88.4	89.4	90.3	90.9	91.1	91.1	91.1	91.1	91.3	91.3	91.3	91.3
≥ 600	6.2	83.5	85.5	88.4	89.5	90.6	92.0	92.8	93.0	93.2	93.2	93.2	93.4	93.4	93.4	93.4
≥ 500	6.2	83.5	85.5	88.6	89.9	91.3	92.9	94.2	94.5	94.7	94.7	94.7	94.9	94.9	94.9	94.9
≥ 400	6.2	83.5	85.6	88.7	90.5	91.9	94.3	95.8	96.2	96.9	97.0	97.0	97.2	97.2	97.2	97.2
≥ 300	6.2	83.5	85.6	88.7	90.5	91.9	94.4	96.7	97.2	98.2	98.3	98.5	98.7	98.7	98.7	98.7
≥ 200	6.2	83.7	85.7	88.8	90.6	92.0	94.5	96.8	97.6	98.8	99.0	99.4	99.7	99.7	99.7	99.7
≥ 100	6.2	83.7	85.7	88.8	90.6	92.0	94.5	96.8	97.6	98.8	99.0	99.4	99.8	100.0	100.0	100.0
≥ 0	6.2	83.7	85.7	88.8	90.6	92.0	94.5	96.8	97.6	98.8	99.0	99.4	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

137 S

ANDREWS AFB MD

70,73-81

MAR

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	≥5/16	¾	≥0
NO CEILING ≥ 20000	5.4	43.8	40.8	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
IV 18000 6000	6.3	51.8	51.8	52.0	52.0	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
IV 14000 2000	6.3	54.1	54.2	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
IV 10000 9000	6.6	59.9	60.0	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
IV 8000 7000	6.6	63.5	63.7	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
IV 6000 5000	6.6	65.8	65.9	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
IV 4500 4000	6.7	70.0	70.1	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 3500 3000	7.0	77.3	77.5	78.4	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 2500 2000	7.0	80.2	80.5	81.6	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV 1800 1500	7.0	83.2	84.5	85.8	86.7	86.7	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 1200 1000	7.0	84.3	85.8	87.3	88.8	88.9	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 900 800	7.0	84.7	86.2	87.8	89.5	89.8	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5
IV 700 600	7.0	85.4	86.9	88.8	91.1	91.5	92.8	92.9	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 500 400	7.0	85.7	87.2	89.4	92.4	93.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 300 200	7.0	85.7	87.2	89.4	92.4	93.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 100 0	7.0	85.7	87.2	89.4	92.4	93.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1775

ANDREWS AFB MD

70,73-81

MAR

STATION

STATION NAME

YEARS

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	5.4	47.4	47.5	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 20000	5.7	54.6	54.7	54.9	54.9	54.9	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 18000	5.7	56.0	56.1	56.3	56.3	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 16000	5.7	56.6	56.7	56.9	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 14000	5.7	57.5	57.6	57.8	57.8	57.8	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 12000	5.7	59.4	59.5	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
≥ 10000	5.7	62.4	62.6	62.8	62.8	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 9000	5.7	63.7	63.9	64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 8000	5.7	66.1	66.3	66.6	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 7000	5.7	67.4	67.6	67.8	67.8	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 6000	5.7	68.4	68.6	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 5000	5.7	71.4	71.6	72.0	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 4500	5.7	73.0	73.3	73.8	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 4000	5.7	76.3	76.9	77.3	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 3500	5.7	77.8	78.5	79.0	79.2	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 3000	5.7	81.4	82.6	83.5	83.8	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 2500	5.7	82.6	84.2	84.9	85.2	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 2000	5.7	84.0	86.0	87.0	87.2	87.3	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 1800	5.7	84.5	86.8	87.7	88.0	88.1	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1500	5.7	84.8	87.4	88.5	88.9	89.0	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1200	5.7	85.1	87.8	88.9	89.6	89.8	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1000	5.7	85.6	88.4	89.5	90.2	90.5	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 900	5.7	85.6	88.4	89.6	90.4	90.8	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 800	5.7	85.6	88.6	89.9	90.9	91.2	91.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 700	5.7	85.7	88.8	90.3	91.3	91.6	92.0	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 600	5.7	85.8	89.0	90.8	92.2	92.5	93.1	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 500	5.7	85.8	89.1	91.1	92.8	93.1	94.1	95.1	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 400	5.7	85.8	89.1	91.2	93.1	93.4	94.6	95.7	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 300	5.7	85.8	89.1	91.2	93.1	93.5	94.9	96.5	97.2	97.7	97.7	97.7	98.0	98.0	98.0	98.0
≥ 200	5.7	85.8	89.1	91.2	93.1	93.5	94.9	96.7	97.5	98.3	98.4	98.4	98.7	98.8	98.8	98.8
≥ 100	5.7	85.8	89.1	91.2	93.1	93.5	94.9	96.7	97.5	98.3	98.4	98.5	99.0	99.4	99.6	99.9
≥ 0	5.7	85.8	89.1	91.2	93.1	93.5	94.9	96.7	97.5	98.3	98.4	98.5	99.0	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

137 5

ANDREWS AFB MD

70,73-81

MAR

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	¾	≥0
NO CEILING	4.2	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.8	51.8	51.8	51.8	51.8
≥ 20000	4.2	56.9	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2
≥ 18000	4.2	57.7	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.1	58.1	58.1	58.1	58.1
≥ 16000	4.2	58.0	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3
≥ 14000	4.2	58.8	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	59.1
≥ 12000	4.2	60.4	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.8	60.8	60.8	60.8	60.8
≥ 10000	4.2	63.2	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5
≥ 9000	4.2	64.6	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9
≥ 8000	4.2	66.8	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2
≥ 7000	4.2	68.9	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.4	69.4	69.4	69.4	69.4
≥ 6000	4.2	70.3	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.8	70.8	70.8	70.8	70.8
≥ 5000	4.2	73.7	74.0	74.2	74.2	74.2	74.2	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6
≥ 4500	4.2	74.4	74.7	74.9	74.9	74.9	74.9	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4
≥ 4000	4.2	77.2	77.8	78.1	78.1	78.1	78.4	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5
≥ 3500	4.2	78.0	78.7	78.9	78.9	78.9	79.2	79.2	79.2	79.2	79.2	79.4	79.4	79.4	79.4	79.4
≥ 3000	4.2	81.2	82.4	82.6	82.6	82.6	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0
≥ 2500	4.4	82.5	83.9	84.1	84.2	84.2	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7
≥ 2000	4.4	83.9	85.7	85.9	86.0	86.0	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1800	4.4	84.2	86.1	86.2	86.3	86.3	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0
≥ 1500	4.4	84.6	86.7	86.9	87.0	87.0	87.5	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1200	4.4	85.1	87.4	87.6	87.8	87.8	88.5	88.5	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1000	4.4	85.2	87.7	88.0	88.4	88.5	89.2	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6
≥ 900	4.4	85.6	88.2	88.4	88.8	88.9	89.7	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1
≥ 800	4.4	85.6	88.2	88.5	89.0	89.1	89.9	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3
≥ 700	4.4	85.9	88.5	88.8	89.5	89.6	90.3	90.6	90.6	90.9	91.0	91.0	91.0	91.0	91.0	91.0
≥ 600	4.4	86.1	88.7	89.4	90.6	90.9	91.6	91.9	91.9	92.2	92.3	92.3	92.3	92.3	92.3	92.3
≥ 500	4.4	86.1	88.8	89.6	91.2	91.4	92.5	92.9	92.9	93.1	93.2	93.2	93.2	93.2	93.2	93.2
≥ 400	4.4	86.1	88.8	89.8	91.7	92.2	93.5	94.2	94.4	94.7	94.8	94.8	94.8	94.8	94.8	94.8
≥ 300	4.4	86.1	88.8	89.9	91.9	92.6	94.1	94.9	95.4	96.0	96.1	96.1	96.3	96.3	96.3	96.3
≥ 200	4.4	86.1	88.8	89.9	91.9	92.6	94.2	95.4	95.9	97.1	97.2	97.2	97.4	97.5	97.5	97.5
≥ 100	4.4	86.1	88.8	89.9	91.9	92.7	94.4	95.6	96.1	97.5	97.7	97.7	98.1	98.3	98.3	98.3
≥ 0	4.4	86.1	88.8	89.9	91.9	92.7	94.4	95.6	96.1	97.5	97.8	98.0	98.3	98.6	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

137 5  
 STATION

ANDREWS AFB MD  
 STATION NAME

70,73-81  
 YEARS

MAR  
 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	3.7	44.3	44.8	45.0	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.3	45.3	45.3
≥ 20000	4.1	51.7	52.2	52.5	52.7	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.9
≥ 18000	4.1	52.4	52.9	53.2	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.6	53.6	53.6	53.6
≥ 16000	4.1	52.7	53.2	53.5	53.7	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.0
≥ 14000	4.1	53.8	54.3	54.6	54.8	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.1
≥ 12000	4.1	55.5	56.0	56.3	56.5	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.8
≥ 10000	4.2	59.0	59.6	59.9	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.4	60.4	60.4
≥ 9000	4.2	59.9	60.5	60.8	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.3
≥ 8000	4.2	62.9	63.6	64.0	64.2	64.2	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.5
≥ 7000	4.2	64.6	65.3	65.7	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2
≥ 6000	4.2	65.8	66.7	67.1	67.3	67.3	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.6	67.6	67.6	67.6
≥ 5000	4.3	68.7	69.6	70.1	70.4	70.5	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.8	70.8	70.8	70.8
≥ 4500	4.3	69.9	70.9	71.4	71.7	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.1	72.1	72.1	72.1
≥ 4000	4.3	73.9	75.0	75.7	76.1	76.2	76.3	76.4	76.4	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.6
≥ 3500	4.4	75.3	76.6	77.3	77.9	78.0	78.1	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.4
≥ 3000	4.5	77.8	79.3	80.2	80.9	81.0	81.1	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.4	81.4	81.4	81.4
≥ 2500	4.5	78.9	80.5	81.6	82.4	82.5	82.7	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.1
≥ 2000	4.5	80.0	81.9	83.0	83.8	83.9	84.3	84.5	84.5	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7
≥ 1800	4.5	80.3	82.2	83.3	84.1	84.3	84.7	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.1	85.1	85.1	85.1
≥ 1500	4.5	81.0	83.0	84.3	85.2	85.4	85.8	86.0	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.3
≥ 1200	4.5	81.4	83.6	85.0	86.2	86.4	86.9	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.4
≥ 1000	4.5	81.7	84.0	85.6	86.8	87.2	87.8	88.1	88.1	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 900	4.5	81.9	84.2	85.8	87.1	87.4	88.1	88.4	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.7
≥ 800	4.5	82.1	84.5	86.2	87.7	88.0	88.9	89.3	89.3	89.4	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.6
≥ 700	4.5	82.3	84.7	86.6	88.1	88.6	89.6	90.1	90.2	90.3	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.6
≥ 600	4.5	82.4	84.9	87.0	88.8	89.4	90.7	91.3	91.4	91.5	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7
≥ 500	4.5	82.5	85.1	87.4	89.4	90.3	91.9	92.8	93.0	93.3	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.6
≥ 400	4.5	82.5	85.1	87.5	89.9	90.9	92.9	94.2	94.5	94.9	95.1	95.1	95.2	95.2	95.2	95.2	95.3	95.3
≥ 300	4.5	82.5	85.1	87.6	90.0	91.1	93.3	95.0	95.4	96.1	96.4	96.5	96.8	96.8	96.8	96.8	96.8	96.9
≥ 200	4.5	82.5	85.2	87.6	90.1	91.2	93.4	95.4	96.0	97.0	97.5	97.6	98.0	98.1	98.1	98.1	98.1	98.2
≥ 100	4.5	82.5	85.2	87.6	90.1	91.2	93.5	95.5	96.0	97.3	98.0	98.1	98.6	98.9	98.9	98.9	98.9	99.4
≥ 0	4.5	82.5	85.2	87.6	90.1	91.2	93.5	95.5	96.0	97.3	98.0	98.2	98.7	99.0	99.0	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1875

ANDREWS AFB MD

70,73-81

APR

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	≥5/16	¾	≥0
NO CEILING	5.9	56.1	56.1	56.6	56.7	56.7	56.7	56.9	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.3
≥ 20000	6.2	61.3	61.3	61.8	61.9	61.9	61.9	62.1	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.6
≥ 18000	6.2	62.3	62.3	62.8	62.9	62.9	62.9	63.1	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.6
≥ 6000	6.2	62.6	62.6	63.0	63.1	63.1	63.1	63.3	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.8
≥ 14000	6.2	62.7	62.7	63.1	63.2	63.2	63.2	63.4	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.9
≥ 7000	6.2	65.1	65.1	65.6	65.7	65.7	65.7	65.9	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.3
≥ 10000	6.4	69.3	69.4	69.9	70.0	70.0	70.0	70.2	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.7
≥ 9000	6.4	70.9	71.0	71.4	71.6	71.6	71.6	71.8	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.2
≥ 8000	6.7	74.9	75.0	75.7	75.9	76.0	76.0	76.2	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.7
≥ 7000	6.7	76.3	76.6	77.2	77.4	77.6	77.6	77.8	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.2
≥ 6000	6.7	77.4	77.8	78.4	78.7	78.8	78.8	79.0	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.4
≥ 5000	6.7	79.8	80.3	81.0	81.2	81.3	81.3	81.6	81.8	81.9	81.9	81.9	81.9	81.9	81.9	82.0
≥ 4500	6.7	80.6	81.1	81.8	82.0	82.1	82.1	82.3	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.8
≥ 4000	6.7	82.3	83.2	84.1	84.3	84.4	84.4	84.7	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.1
≥ 3500	6.7	83.8	84.3	85.7	85.9	86.0	86.0	86.2	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.7
≥ 3000	6.7	84.6	85.6	86.6	86.9	87.0	87.0	87.2	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.7
≥ 2500	6.7	85.3	86.8	87.8	88.1	88.2	88.2	88.4	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.9
≥ 2000	6.7	86.4	88.2	89.2	89.7	89.8	89.8	90.0	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.4
≥ 800	6.7	86.7	88.4	89.4	89.9	90.0	90.0	90.2	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.7
≥ 1500	6.7	86.9	88.7	89.7	90.1	90.2	90.2	90.4	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.9
≥ 1200	6.7	87.9	91.0	91.0	91.4	91.6	91.6	91.8	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.2
≥ 1000	6.7	88.4	91.8	91.8	92.3	92.4	92.6	92.8	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.2
≥ 900	6.7	88.9	91.2	92.2	92.8	92.9	93.0	93.2	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.7
≥ 800	6.7	89.0	91.9	92.9	93.4	93.7	93.8	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.4
≥ 700	6.7	89.1	92.1	93.1	93.7	93.9	94.1	94.3	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.8
≥ 600	6.7	89.1	92.1	93.2	93.8	94.4	94.7	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.4
≥ 500	6.7	89.3	92.3	93.6	94.1	94.9	95.3	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.1
≥ 400	6.7	89.4	92.6	93.8	94.3	95.4	96.3	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.2
≥ 300	6.7	89.4	92.7	93.9	94.6	95.7	96.6	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.4
≥ 200	6.7	89.4	92.7	93.9	94.6	95.7	96.8	97.9	98.2	98.4	98.4	98.4	98.6	98.7	98.7	99.1
≥ 100	6.7	89.4	92.7	93.9	94.6	95.7	96.8	98.0	98.3	98.6	98.7	98.7	98.8	98.9	99.0	99.4
≥ 0	6.7	89.4	92.7	93.9	94.6	95.7	96.8	98.0	98.3	98.6	98.7	98.7	98.8	99.0	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

137.5  
STATION

ANDREWS AFB MD  
STATION NAME

70,73-81  
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	¾	¾	≥5/16	¾	≥0
NO CEILING	5.9	54.0	55.0	55.0	55.0	55.0	55.1	55.2	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 20000	6.2	58.4	59.6	59.6	59.6	59.7	59.8	59.9	59.9	60.1	60.1	60.1	60.1	60.2	60.2	60.2
IV 18000	6.2	58.6	59.7	59.7	59.7	59.8	59.9	60.0	60.0	60.2	60.2	60.2	60.2	60.3	60.3	60.3
16000	6.2	58.6	59.7	59.7	59.7	59.8	59.9	60.0	60.0	60.2	60.2	60.2	60.2	60.3	60.4	60.4
IV 14000	6.2	59.6	60.7	60.7	60.7	60.8	60.9	61.0	61.0	61.2	61.2	61.2	61.2	61.3	61.4	61.4
12000	6.2	61.7	62.8	62.8	62.8	62.9	63.0	63.1	63.1	63.3	63.3	63.3	63.3	63.4	63.6	63.6
IV 10000	6.7	66.2	67.4	67.7	67.7	67.8	67.9	68.1	68.1	68.3	68.3	68.3	68.3	68.4	68.6	68.6
9000	6.7	67.0	68.2	68.4	68.4	68.6	68.7	68.9	68.9	69.1	69.1	69.1	69.1	69.2	69.3	69.3
IV 8000	6.9	71.9	73.2	73.4	73.6	73.8	74.0	74.2	74.2	74.6	74.6	74.6	74.6	74.7	74.8	74.8
7000	7.0	73.8	75.1	75.3	75.4	75.7	75.9	76.1	76.1	76.4	76.4	76.4	76.4	76.6	76.7	76.7
IV 6000	7.1	75.1	76.4	76.7	76.8	77.0	77.2	77.4	77.4	77.8	77.8	77.8	77.8	77.9	78.0	78.0
5000	7.1	76.2	77.9	78.2	78.3	78.6	78.8	79.0	79.0	79.3	79.3	79.3	79.3	79.4	79.6	79.6
IV 4500	7.2	77.3	79.0	79.3	79.6	79.8	80.0	80.2	80.2	80.6	80.6	80.6	80.6	80.7	80.8	80.8
4000	7.2	80.2	81.9	82.2	82.6	82.8	83.1	83.3	83.3	83.7	83.7	83.7	83.7	83.8	83.9	83.9
IV 3500	7.2	82.3	84.1	84.4	84.8	85.1	85.3	85.6	85.6	85.9	85.9	85.9	85.9	86.0	86.1	86.1
3000	7.2	82.9	84.7	85.1	85.4	85.7	86.0	86.2	86.2	86.6	86.6	86.6	86.6	86.7	86.8	86.8
IV 2500	7.2	83.4	85.2	86.1	86.4	86.7	87.0	87.2	87.2	87.6	87.6	87.6	87.6	87.7	87.8	87.8
2000	7.2	84.3	86.1	87.0	87.3	87.6	87.9	88.1	88.1	88.4	88.4	88.4	88.4	88.6	88.7	88.7
IV 1800	7.2	84.8	86.6	87.4	87.8	88.0	88.3	88.6	88.6	88.9	88.9	88.9	88.9	89.0	89.1	89.1
1500	7.2	85.7	87.6	88.4	88.8	89.0	89.3	89.6	89.6	89.9	89.9	89.9	89.9	90.0	90.1	90.1
IV 1200	7.2	85.9	87.9	88.8	89.3	89.6	89.9	90.1	90.1	90.4	90.4	90.4	90.4	90.6	90.7	90.7
1000	7.2	86.1	88.1	89.1	89.7	90.0	90.3	90.6	90.6	90.9	90.9	90.9	90.9	91.0	91.1	91.1
IV 900	7.2	86.8	88.8	89.8	90.4	90.8	91.1	91.3	91.3	91.7	91.7	91.7	91.7	91.8	91.9	91.9
800	7.2	86.8	88.8	89.8	90.4	90.8	91.1	91.3	91.3	91.7	91.7	91.7	91.7	91.8	91.9	91.9
IV 700	7.2	87.1	89.3	90.3	91.2	91.7	92.0	92.2	92.2	92.6	92.6	92.6	92.6	92.7	92.8	92.8
600	7.2	87.4	89.8	90.9	91.8	92.2	92.6	92.8	92.8	93.1	93.1	93.1	93.1	93.2	93.3	93.3
IV 500	7.2	87.4	89.8	90.9	91.8	92.2	92.8	93.0	93.0	93.3	93.3	93.3	93.3	93.4	93.6	93.6
400	7.2	87.9	90.2	91.6	92.7	93.1	93.9	94.1	94.1	94.4	94.4	94.4	94.4	94.6	94.7	94.7
IV 300	7.2	88.7	91.0	92.4	93.7	94.4	95.7	95.9	95.9	96.2	96.2	96.2	96.2	96.3	96.4	96.4
200	7.2	88.7	91.0	92.6	93.9	94.7	96.1	96.4	96.4	96.9	96.9	96.9	96.9	97.1	97.2	97.2
IV 100	7.2	88.7	91.0	92.6	94.0	94.8	96.2	96.6	96.6	97.1	97.1	97.1	97.1	97.4	97.8	97.9
0	7.2	88.7	91.0	92.6	94.0	94.8	96.2	96.6	96.6	97.1	97.1	97.1	97.1	97.9	98.2	98.4

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

137 5

ANDREWS AFB MD

70,73-81

APP

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	≥5/16	≥¼	≥0
NO CEILING	5.7	46.0	47.9	48.3	48.3	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 20000	5.9	52.1	54.3	54.9	55.1	55.3	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
IV 18000	5.9	52.3	54.6	55.1	55.3	55.6	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
IV 16000	5.9	53.1	55.3	55.9	56.1	56.3	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
IV 14000	5.9	54.4	56.8	57.3	57.6	57.8	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
IV 12000	5.9	56.1	58.9	59.4	59.7	59.9	60.0	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
IV 10000	6.2	61.0	64.0	64.6	64.8	65.0	65.2	65.4	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.9
IV 9000	6.2	61.7	64.7	65.2	65.4	65.7	65.9	66.1	66.2	66.3	66.4	66.4	66.4	66.4	66.4	66.7
IV 8000	6.3	65.7	68.9	69.6	69.8	70.0	70.2	70.4	70.6	70.7	70.8	70.8	70.8	70.8	70.8	71.0
IV 7000	6.3	67.3	70.6	71.2	71.4	71.7	71.9	72.1	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.7
IV 6000	6.3	69.1	72.6	73.2	73.4	73.7	73.9	74.1	74.2	74.3	74.4	74.4	74.4	74.4	74.4	74.7
IV 5000	6.3	71.6	75.1	76.0	76.2	76.6	76.8	77.0	77.1	77.3	77.6	77.6	77.6	77.6	77.6	77.8
IV 4500	6.3	72.8	76.8	77.7	77.9	78.2	78.6	78.8	78.9	79.1	79.3	79.3	79.3	79.3	79.3	79.6
IV 4000	6.3	75.3	79.6	80.8	81.1	81.4	81.8	82.0	82.1	82.3	82.6	82.6	82.6	82.6	82.6	82.8
IV 3500	6.3	76.8	81.0	82.2	82.6	82.9	83.2	83.4	83.6	83.8	84.0	84.0	84.0	84.0	84.0	84.2
IV 3000	6.3	77.6	82.2	83.6	84.2	84.8	85.1	85.3	85.4	85.7	85.9	85.9	85.9	85.9	85.9	86.1
IV 2500	6.3	78.4	83.6	85.0	85.8	86.3	86.7	86.9	87.0	87.2	87.4	87.4	87.4	87.4	87.4	87.7
IV 2000	6.3	79.0	84.2	85.8	86.6	87.1	87.6	87.8	87.9	88.1	88.3	88.3	88.3	88.3	88.3	88.6
IV 1800	6.3	79.1	84.3	85.9	86.7	87.2	87.7	87.9	88.0	88.2	88.4	88.4	88.4	88.4	88.4	88.7
IV 1500	6.3	79.4	85.0	86.6	87.4	88.1	88.6	88.8	88.9	89.1	89.3	89.3	89.3	89.3	89.3	89.6
IV 1200	6.3	79.7	85.2	86.8	87.7	88.3	88.8	89.1	89.2	89.4	89.7	89.7	89.7	89.7	89.7	89.9
IV 1000	6.3	79.9	85.4	87.0	87.9	88.6	89.0	89.3	89.4	89.7	89.9	89.9	89.9	89.9	89.9	90.1
IV 900	6.3	80.2	85.9	87.4	88.4	89.2	89.7	90.0	90.1	90.3	90.6	90.6	90.6	90.6	90.6	90.8
IV 800	6.3	80.7	86.3	88.1	89.1	90.0	90.4	90.9	91.0	91.2	91.4	91.4	91.4	91.4	91.4	91.7
IV 700	6.3	80.9	86.7	88.6	89.7	90.9	91.6	92.0	92.1	92.3	92.6	92.6	92.6	92.6	92.6	92.8
IV 600	6.3	80.9	86.7	88.7	90.3	91.6	92.3	92.8	92.9	93.1	93.3	93.3	93.3	93.3	93.3	93.6
IV 500	6.3	81.0	86.8	88.9	90.8	92.2	93.3	93.8	94.1	94.3	94.6	94.6	94.6	94.6	94.6	94.8
IV 400	6.3	81.0	86.8	88.9	90.8	92.2	93.8	94.3	94.8	95.0	95.3	95.3	95.3	95.3	95.3	95.6
IV 300	6.3	81.1	86.9	89.0	90.9	92.4	94.1	94.8	95.4	95.8	96.1	96.2	96.2	96.2	96.2	96.4
IV 200	6.3	81.1	86.9	89.0	90.9	92.4	94.1	94.9	95.6	96.1	96.9	97.0	97.3	97.3	97.7	97.9
IV 100	6.3	81.1	86.9	89.0	90.9	92.4	94.1	94.9	95.6	96.1	96.9	97.0	97.4	97.8	98.2	99.4
IV 0	6.3	81.1	86.9	89.0	90.9	92.4	94.1	94.9	95.6	96.1	96.9	97.0	97.4	97.8	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

137 5

ANDREWS AFB MD

70,73-81

APR

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	≥5/16	¾	≥0
NO CEILING	6.9	47.4	48.3	48.6	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 20000	7.4	54.3	55.2	55.6	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 18000	7.4	55.1	56.0	56.3	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 16000	7.4	55.3	56.2	56.6	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 14000	7.4	57.6	58.6	58.9	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 12000	7.6	60.2	61.3	61.7	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 10000	7.7	64.7	65.8	66.4	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 9000	7.7	65.7	66.8	67.4	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 8000	7.9	68.8	70.0	70.8	71.0	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 7000	7.9	69.6	70.8	71.6	71.8	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 6000	7.9	71.3	71.6	72.3	72.6	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 5000	7.9	72.9	74.2	75.0	75.6	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 4500	7.9	73.4	75.1	75.9	76.4	76.8	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 4000	8.1	78.6	80.7	81.6	82.3	82.7	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 3500	8.2	80.2	82.3	83.2	84.0	84.3	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 3000	8.3	81.8	84.0	85.1	85.9	86.3	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 2500	8.3	82.7	85.2	86.3	87.2	87.7	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 2000	8.3	84.0	86.6	87.7	88.6	89.1	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1800	8.3	84.0	86.6	87.7	88.7	89.2	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 1500	8.3	84.9	87.7	88.8	90.0	90.6	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1200	8.3	85.6	88.4	89.6	90.8	91.3	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1000	8.3	86.0	88.9	90.0	91.3	92.0	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 900	8.3	86.1	89.0	90.1	91.4	92.1	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 800	8.3	86.4	89.3	90.6	92.1	92.8	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 700	8.3	86.7	89.6	90.8	92.6	93.2	94.0	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 600	8.3	87.0	89.9	91.2	93.1	93.8	94.8	95.1	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95.3
≥ 500	8.3	87.0	89.9	91.2	93.2	93.9	95.0	95.7	95.7	95.8	95.8	95.8	95.8	95.9	95.9	95.9
≥ 400	8.3	87.0	89.9	91.2	93.4	94.3	95.8	96.7	96.9	97.0	97.1	97.1	97.1	97.2	97.2	97.2
≥ 300	8.3	87.0	89.9	91.2	93.4	94.4	96.0	97.1	97.4	97.8	98.0	98.0	98.1	98.1	98.1	98.1
≥ 200	8.3	87.0	89.9	91.2	93.4	94.4	96.0	97.1	97.4	98.2	98.6	98.7	98.9	99.2	99.2	99.2
≥ 100	8.3	87.0	89.9	91.2	93.4	94.4	96.0	97.1	97.4	98.2	98.7	98.8	99.0	99.6	99.7	99.9
≥ 0	8.3	87.0	89.9	91.2	93.4	94.4	96.0	97.1	97.4	98.2	98.7	98.8	99.0	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1775

ANDREWS AFB MD

70,73-81

APR

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1207-1400

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	≥¼	≥0
NO CEILING	7.7	45.4	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 20000	7.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 18000	7.9	53.1	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 16000	7.9	53.3	54.7	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	54.0
≥ 14000	7.9	55.3	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 12000	7.9	57.1	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 10000	7.9	61.7	62.7	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
≥ 9000	7.9	62.3	63.3	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 8000	8.0	65.2	66.3	66.6	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
≥ 7000	8.0	66.3	67.7	67.9	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 6000	8.0	67.3	68.7	68.9	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 5000	8.6	71.7	72.6	72.6	72.9	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 4500	8.7	71.7	73.1	73.7	74.0	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 4000	9.6	79.4	81.9	81.6	81.9	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 3500	9.9	81.6	83.7	83.7	84.0	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 3000	10.0	85.0	86.8	87.7	88.0	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 2500	10.0	85.9	87.9	88.9	89.3	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 2000	10.0	87.0	89.0	90.1	90.6	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1800	10.0	87.2	89.2	90.3	90.8	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1500	10.0	87.7	89.7	90.9	91.4	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1200	10.0	88.0	90.1	91.7	92.3	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1000	10.0	88.2	90.3	92.1	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 900	10.0	88.3	90.4	92.2	93.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 800	10.0	88.4	90.6	92.3	93.3	93.6	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 700	10.0	88.7	90.9	92.8	94.0	94.2	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 600	10.0	88.8	91.0	93.1	94.4	94.8	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 500	10.0	88.8	91.0	93.3	94.7	95.1	95.9	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 400	10.0	88.8	91.0	93.3	94.8	95.3	96.4	97.0	97.1	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8
≥ 300	10.0	88.8	91.0	93.3	94.8	95.6	96.8	97.4	97.7	98.2	98.3	98.4	98.4	98.4	98.4	98.6	98.6
≥ 200	10.0	88.8	91.0	93.3	94.8	95.6	96.8	97.4	97.8	98.4	98.9	99.0	99.1	99.1	99.2	99.4	99.4
≥ 100	10.0	88.8	91.0	93.3	94.8	95.6	96.8	97.4	97.8	98.4	98.9	99.0	99.1	99.2	99.7	100.0	100.0
≥ 0	10.0	88.8	91.0	93.3	94.8	95.6	96.8	97.4	97.8	98.4	98.9	99.0	99.1	99.2	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GENERAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1775

ANDREWS AFB MD

70,73-81

APP

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2400  
HOURS (L.S.T.)

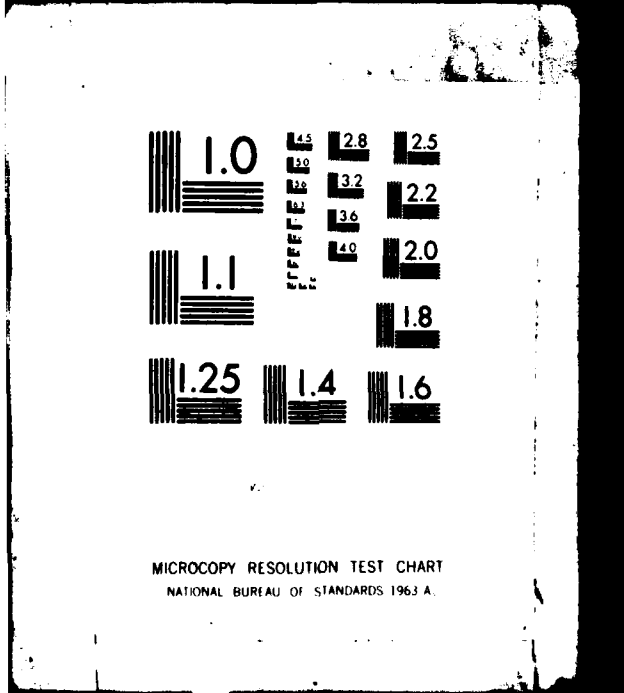
CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING	5.2	51.1	51.8	51.9	52.0	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 20000	5.4	59.8	60.6	60.9	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 18000	5.7	60.4	61.2	61.6	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 16000	5.7	60.9	61.7	62.0	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 14000	5.7	61.6	62.3	62.7	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 12000	5.7	63.4	64.2	64.6	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 10000	5.7	66.7	67.4	67.8	68.0	68.0	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 9500	5.7	66.7	67.4	67.8	68.0	68.0	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 8000	6.1	72.0	73.1	73.6	73.8	73.8	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 7000	6.1	74.2	75.3	75.8	76.0	76.0	76.1	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 6000	6.2	75.6	76.7	77.1	77.3	77.3	77.4	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 5500	6.3	77.8	79.0	79.4	79.7	79.7	79.8	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 4500	5.7	78.7	79.9	80.4	80.7	80.7	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 4000	5.7	81.7	83.0	83.6	83.8	83.8	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 3500	5.7	83.4	84.3	85.4	85.9	85.9	86.2	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 3000	5.7	85.7	87.7	88.6	89.1	89.1	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 2500	5.7	86.6	88.8	89.9	90.6	90.6	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 2000	5.7	87.3	89.7	90.9	91.8	91.8	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1800	6.7	87.3	89.7	90.9	91.9	92.0	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1500	6.7	87.6	91.0	91.3	92.6	92.7	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1200	6.7	88.6	91.1	92.7	94.1	94.3	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1000	6.7	88.7	91.3	92.9	94.6	94.8	95.3	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 900	6.7	88.8	91.6	93.1	94.8	95.0	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 800	6.7	88.8	91.6	93.1	94.9	95.1	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 700	6.7	88.8	91.6	93.1	95.2	95.4	96.0	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 600	6.7	88.9	91.7	93.2	95.4	95.8	96.6	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 500	6.7	88.9	91.7	93.2	95.8	96.1	97.1	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 400	6.7	89.1	91.9	93.4	96.0	96.3	97.4	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	6.7	89.1	91.9	93.4	96.0	96.3	97.6	99.0	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	6.7	89.1	91.9	93.4	96.0	96.3	97.6	99.0	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	5.7	89.1	91.9	93.4	96.0	96.3	97.6	99.0	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	5.7	89.1	91.9	93.4	96.0	96.3	97.6	99.0	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS





# 10238



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

137.5

ANDREWS AFB MD

70,73-81

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

1530-1700  
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥¾	≥5/16	≥¼	≥0
NO CEILING	6.3	47.0	47.4	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 20000	6.6	55.6	56.4	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 18000	6.6	55.9	56.8	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 16000	6.7	56.2	57.1	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 14000	6.7	57.2	58.1	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 12000	6.7	59.1	60.0	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 10000	7.0	63.9	65.0	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 9000	7.0	64.9	66.0	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 8000	7.3	68.6	69.7	70.0	70.2	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 7000	7.3	70.0	71.1	71.4	71.7	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 6000	7.3	71.4	72.8	73.1	73.3	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 5000	7.9	75.4	76.8	77.1	77.3	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 4500	8.3	76.8	78.1	78.4	78.7	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 4000	8.4	81.7	83.1	83.4	83.9	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 3500	8.4	82.9	84.3	84.7	85.1	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 3000	8.9	86.2	87.7	88.4	88.9	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 2500	8.9	87.2	88.7	89.4	89.9	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2000	8.9	88.0	89.4	90.6	91.1	91.3	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1800	8.9	88.2	89.7	90.9	91.4	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1500	8.9	88.9	90.3	91.6	92.1	92.4	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1200	8.9	89.2	90.7	92.0	92.7	93.0	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1000	8.9	89.4	90.9	92.2	93.2	93.7	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 900	8.9	89.6	91.3	92.8	93.8	94.2	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 800	8.9	89.9	91.7	93.4	94.7	95.1	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 700	8.9	90.0	91.8	93.8	95.0	95.6	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 600	8.9	90.0	91.8	93.8	95.0	95.6	96.3	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 500	8.9	90.0	91.8	93.8	95.2	96.2	97.3	97.9	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 400	8.9	90.0	91.8	93.8	95.2	96.2	97.4	98.1	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 300	8.9	90.0	91.8	93.8	95.2	96.4	97.8	98.6	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	8.9	90.0	91.8	93.8	95.2	96.4	97.8	98.6	99.0	99.3	99.6	99.7	99.8	99.9	99.9	99.9
≥ 100	8.9	90.0	91.8	93.8	95.2	96.4	97.8	98.6	99.0	99.4	99.7	99.8	99.9	100.0	100.0	100.0
≥ 0	8.9	90.0	91.8	93.8	95.2	96.4	97.8	98.6	99.0	99.4	99.7	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13715

ANDREWS AFB MD

70,73-81

APR

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	¾	≥0
NO CEILING	5.6	56.2	56.3	56.6	56.8	56.8	57.1	57.4	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 20000	5.7	62.1	62.2	62.4	62.7	62.7	63.0	63.3	63.3	63.6	63.6	63.6	63.6	63.6	63.6	63.6
IV 18000	5.9	62.8	62.9	63.1	63.3	63.3	63.7	64.0	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2
IV 16000	5.9	63.0	63.1	63.3	63.6	63.6	63.9	64.2	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4
IV 14000	5.9	63.4	63.6	63.8	64.0	64.0	64.3	64.7	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9
IV 12000	5.9	66.2	66.6	66.8	67.0	67.0	67.3	67.7	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9
IV 10000	6.0	70.3	70.7	70.9	71.1	71.1	71.4	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0
IV 9000	6.0	70.9	71.2	71.4	71.7	71.7	72.0	72.3	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 8000	6.1	74.6	75.1	75.6	75.8	75.8	76.1	76.7	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 7000	6.1	76.4	77.0	77.4	77.7	77.7	78.0	78.6	78.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 6000	6.1	77.4	78.0	78.4	78.7	78.7	79.0	79.6	79.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 5000	6.1	79.2	79.9	80.3	80.6	80.6	80.9	81.4	81.4	81.8	81.8	81.8	81.8	81.8	81.8	81.8
IV 4500	6.1	80.3	81.0	81.4	81.7	81.7	82.0	82.6	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 4000	6.1	84.1	85.0	85.4	85.7	85.7	86.0	86.6	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 3500	6.1	84.9	86.1	86.6	87.0	87.0	87.3	87.9	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 3000	6.1	85.9	87.4	88.0	88.6	88.7	89.0	89.6	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 2500	6.1	86.8	88.4	89.2	89.9	90.0	90.3	90.9	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 2000	6.1	87.9	89.6	90.3	91.0	91.1	91.7	92.2	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 1800	6.1	88.2	89.9	90.7	91.3	91.4	92.0	92.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 1500	6.1	88.8	90.4	91.2	92.1	92.2	92.8	93.3	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 1200	6.1	89.0	90.8	91.8	92.9	93.0	93.6	94.1	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 1000	6.1	89.3	91.1	92.7	93.9	94.1	94.7	95.2	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 900	6.1	89.3	91.1	92.8	94.0	94.2	94.8	95.3	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 800	6.1	89.3	91.1	92.8	94.2	94.6	95.1	95.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 700	6.1	89.3	91.1	92.8	94.2	94.7	95.2	95.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 600	6.1	89.3	91.1	92.9	94.7	95.3	95.9	96.7	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 500	6.1	89.3	91.1	92.9	94.8	95.4	96.0	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 400	6.1	89.8	91.6	93.4	95.4	96.1	97.0	98.0	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 300	6.1	89.9	91.8	93.7	95.7	96.4	97.3	98.4	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 200	6.1	89.9	91.8	93.7	95.8	96.6	97.4	98.7	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6
IV 100	6.1	89.9	91.8	93.7	95.8	96.6	97.6	98.8	99.0	99.6	99.7	99.7	99.7	99.7	99.8	99.8
IV 0	6.1	89.9	91.8	93.7	95.8	96.6	97.6	98.8	99.0	99.6	99.7	99.7	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

137 5  
STATION

ANDREWS AFB MD  
STATION NAME

70,73-81  
YEARS

APR  
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	6.1	50.4	51.1	51.3	51.4	51.4	51.5	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 20000	6.4	57.0	57.8	58.1	58.2	58.2	58.3	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5
IV 18000	6.5	57.6	58.4	58.7	58.8	58.8	58.9	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.2
IV 16000	6.5	57.9	58.7	59.0	59.1	59.2	59.2	59.3	59.4	59.4	59.4	59.4	59.4	59.5	59.5	59.5
IV 14000	6.5	59.0	59.8	60.1	60.2	60.3	60.4	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6
IV 12000	6.5	61.1	62.1	62.4	62.5	62.6	62.6	62.7	62.8	62.8	62.8	62.8	62.9	62.9	62.9	62.9
IV 10000	6.7	65.5	66.6	66.9	67.1	67.1	67.2	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.6
IV 9000	6.7	66.3	67.3	67.7	67.8	67.9	68.0	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.4
IV 8000	6.9	70.2	71.4	71.9	72.1	72.2	72.4	72.6	72.6	72.7	72.7	72.7	72.7	72.8	72.8	72.8
IV 7000	6.9	71.8	73.0	73.5	73.7	73.8	74.0	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.4
IV 6000	7.0	73.0	74.3	74.8	75.0	75.1	75.3	75.5	75.5	75.6	75.6	75.6	75.6	75.7	75.7	75.7
IV 5000	7.1	75.4	76.9	77.5	77.7	77.9	78.0	78.2	78.3	78.4	78.4	78.4	78.4	78.5	78.5	78.5
IV 4500	7.2	76.4	78.0	78.6	78.9	79.0	79.2	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.7
IV 4000	7.4	80.4	82.2	82.8	83.2	83.4	83.6	83.8	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0
IV 3500	7.4	82.0	83.8	84.5	84.9	85.1	85.3	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.8
IV 3000	7.5	83.7	85.8	86.6	87.1	87.4	87.6	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.1
IV 2500	7.5	84.5	86.8	87.8	88.4	88.6	88.9	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 2000	7.5	85.5	87.8	88.9	89.6	89.8	90.1	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.6
IV 1800	7.5	85.7	88.3	89.2	89.8	90.1	90.3	90.6	90.6	90.7	90.8	90.8	90.8	90.8	90.8	90.8
IV 1500	7.5	86.2	88.7	89.8	90.6	90.9	91.1	91.4	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6
IV 1200	7.5	86.7	89.3	90.5	91.4	91.7	92.0	92.3	92.3	92.4	92.5	92.5	92.5	92.5	92.5	92.5
IV 1000	7.5	87.0	89.6	91.0	92.0	92.3	92.7	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.3
IV 900	7.5	87.3	89.9	91.3	92.3	92.7	93.1	93.4	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.6
IV 800	7.5	87.5	90.2	91.7	92.9	93.3	93.8	94.1	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3
IV 700	7.5	87.6	90.4	92.0	93.3	93.8	94.3	94.6	94.7	94.8	94.8	94.8	94.8	94.9	94.9	94.9
IV 600	7.5	87.7	90.5	92.1	93.6	94.2	94.9	95.3	95.4	95.5	95.5	95.5	95.6	95.6	95.6	95.6
IV 500	7.5	87.8	90.6	92.3	93.9	94.6	95.5	96.0	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4
IV 400	7.5	88.0	90.8	92.5	94.2	95.1	96.2	96.9	97.1	97.4	97.5	97.5	97.5	97.5	97.5	97.6
IV 300	7.5	88.0	90.9	92.6	94.3	95.3	96.5	97.3	97.6	98.0	98.1	98.1	98.2	98.2	98.2	98.3
IV 200	7.5	88.0	90.9	92.6	94.3	95.3	96.6	97.5	97.8	98.3	98.6	98.7	98.8	98.9	99.0	99.1
IV 100	7.5	88.0	90.9	92.6	94.3	95.3	96.6	97.5	97.8	98.4	98.7	98.8	99.0	99.2	99.3	99.7
IV 0	7.5	88.0	90.9	92.6	94.3	95.3	96.6	97.5	97.8	98.4	98.7	98.8	99.0	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

137.5

ANDREWS AFB MD

70,73-81

MAY

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	2.8	51.8	52.9	53.7	53.8	53.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.3
≥ 20000	2.9	55.8	57.4	58.6	58.9	59.0	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.6
≥ 18000	2.9	56.0	57.7	58.9	59.2	59.4	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.9
≥ 16000	2.9	56.2	58.0	59.1	59.5	59.6	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.1
≥ 14000	2.9	56.9	58.6	59.8	60.1	60.2	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.8
≥ 12000	2.9	58.7	60.5	61.7	62.0	62.2	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.7
≥ 10000	3.0	61.5	63.8	65.4	65.9	66.1	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.7
≥ 9000	3.0	61.8	64.1	65.7	66.2	66.5	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.0
≥ 8000	3.0	66.5	69.5	71.4	71.9	72.3	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.8
≥ 7000	3.0	67.6	70.6	72.8	73.5	74.2	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.7
≥ 6000	3.0	68.5	71.8	74.0	74.8	75.5	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1
≥ 5000	3.0	70.4	74.0	76.1	77.1	77.7	78.2	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.6
≥ 4500	3.0	71.3	75.1	77.4	78.4	79.0	79.5	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.9
≥ 4000	3.0	74.0	78.0	80.4	81.9	82.6	83.0	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.5
≥ 3500	3.0	74.6	78.6	81.2	82.7	83.3	83.8	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.3
≥ 3000	3.0	76.0	80.2	82.8	84.4	85.1	85.5	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	86.0
≥ 2500	3.0	76.3	80.6	83.2	84.9	85.6	86.1	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.7
≥ 2000	3.0	76.7	81.3	84.1	85.8	86.5	87.0	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.5
≥ 1800	3.0	76.9	81.6	84.4	86.1	86.9	87.4	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	88.0
≥ 1500	3.0	77.3	82.2	85.1	87.1	88.0	88.5	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	89.0
≥ 1200	3.0	78.0	83.0	85.9	88.0	88.8	89.6	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.1
≥ 1000	3.0	78.6	83.8	86.7	88.7	89.6	90.3	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.9
≥ 900	3.0	78.6	84.0	86.9	88.9	89.8	90.5	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.1
≥ 800	3.0	78.7	84.3	87.3	89.4	90.2	91.0	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.8
≥ 700	3.0	78.8	84.4	87.7	90.3	91.2	91.9	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.8
≥ 600	3.0	79.0	84.7	88.4	91.5	92.4	93.1	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.2
≥ 500	3.0	79.0	84.7	88.7	92.5	93.5	94.6	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.1
≥ 400	3.0	79.4	85.3	89.5	93.4	94.6	95.8	97.3	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.8
≥ 300	3.0	79.4	85.3	89.5	93.8	94.9	96.1	97.7	98.1	98.7	98.8	98.8	98.8	98.8	98.8	99.0
≥ 200	3.0	79.4	85.4	89.6	93.9	95.1	96.2	97.8	98.2	99.0	99.1	99.1	99.2	99.2	99.4	99.6
≥ 100	3.0	79.4	85.4	89.6	93.9	95.1	96.2	97.8	98.2	99.0	99.1	99.1	99.2	99.5	99.8	100.0
≥ 0	3.0	79.4	85.4	89.6	93.9	95.1	96.2	97.8	98.2	99.0	99.1	99.1	99.2	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1375

ANDREWS AFB MD

70,73-81

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	¾	≥5/16	¾	≥0
NO CEILING	2.6	43.4	45.5	47.3	48.6	48.6	49.4	49.8	49.9	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 20000	2.7	48.3	50.6	52.9	54.5	54.5	55.3	55.7	55.8	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0
IV 18000	2.7	48.4	50.8	53.0	54.6	54.6	55.4	55.8	55.9	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1
IV 16000	2.7	48.5	50.9	53.1	54.7	54.7	55.5	55.9	56.0	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2
IV 14000	2.7	48.9	51.3	53.5	55.2	55.2	55.9	56.3	56.5	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7
IV 12000	2.7	49.9	52.4	54.6	56.2	56.3	57.1	57.5	57.6	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8
IV 10000	2.7	53.8	56.6	59.4	61.3	61.4	62.5	62.9	63.0	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2
IV 9000	2.7	54.2	57.0	59.8	61.7	61.8	62.9	63.3	63.4	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7
IV 8000	2.7	57.7	60.6	63.5	65.5	65.6	66.8	67.2	67.3	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5
IV 7000	2.7	59.8	62.7	65.6	67.7	67.8	69.1	69.6	69.7	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9
IV 6000	2.7	61.0	63.9	66.9	69.0	69.1	70.4	71.2	71.3	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5
IV 5000	2.7	62.8	65.8	69.4	71.6	71.7	73.1	73.9	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IV 4500	2.7	63.5	66.7	70.2	72.5	72.6	74.0	74.7	74.8	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 4000	2.7	65.7	69.1	73.0	75.7	75.8	77.3	78.1	78.2	78.3	78.4	78.4	78.5	78.5	78.5	78.5	78.5
IV 3500	2.7	66.1	69.6	73.5	76.3	76.5	78.0	78.7	78.8	78.9	79.0	79.0	79.1	79.1	79.1	79.1	79.1
IV 3000	2.7	66.8	70.4	74.5	77.5	77.6	79.2	80.0	80.2	80.3	80.4	80.4	80.5	80.5	80.5	80.5	80.5
IV 2500	2.7	67.0	70.9	75.1	78.1	78.4	80.0	80.8	81.0	81.1	81.2	81.2	81.3	81.3	81.3	81.3	81.3
IV 2000	2.7	67.4	71.3	75.9	79.0	79.5	81.1	81.8	82.0	82.2	82.3	82.3	82.4	82.4	82.4	82.4	82.4
IV 1800	2.7	67.6	71.6	76.2	79.4	79.8	81.4	82.2	82.4	82.5	82.6	82.6	82.7	82.7	82.7	82.7	82.7
IV 1500	2.7	68.2	72.2	76.8	80.3	80.8	82.4	83.1	83.3	83.4	83.5	83.5	83.7	83.7	83.7	83.7	83.7
IV 1200	2.7	68.6	73.0	77.6	81.3	81.7	83.7	84.4	84.6	84.7	84.8	84.8	84.9	84.9	84.9	84.9	84.9
IV 1000	2.7	69.6	74.0	78.7	82.5	83.2	85.4	86.1	86.3	86.6	86.7	86.7	86.8	86.8	86.8	86.8	86.8
IV 900	2.7	69.6	74.0	78.8	82.6	83.3	85.5	86.2	86.5	86.7	86.8	86.8	86.9	86.9	86.9	86.9	86.9
IV 800	2.7	69.8	74.2	79.1	82.9	83.7	85.8	86.9	87.1	87.3	87.4	87.4	87.5	87.5	87.5	87.5	87.5
IV 700	2.7	70.1	74.7	79.8	84.0	85.1	87.4	88.8	89.0	89.4	89.5	89.5	89.6	89.6	89.6	89.6	89.6
IV 600	2.7	70.2	74.8	80.2	85.2	86.6	89.0	90.4	90.8	91.1	91.2	91.2	91.3	91.3	91.3	91.3	91.3
IV 500	2.7	70.2	74.8	80.6	86.5	88.2	90.9	92.4	92.7	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3
IV 400	2.7	70.3	75.1	81.0	87.2	88.9	92.5	94.2	94.7	95.3	95.4	95.4	95.6	95.6	95.6	95.6	95.6
IV 300	2.7	70.3	75.1	81.0	87.2	89.2	93.0	95.2	95.9	96.6	96.7	96.7	96.9	96.9	96.9	96.9	96.9
IV 200	2.7	70.3	75.1	81.0	87.3	89.6	93.5	96.2	97.1	98.3	98.4	98.4	98.7	98.8	98.8	98.8	98.8
IV 100	2.7	70.3	75.1	81.0	87.3	89.6	93.5	96.2	97.1	98.4	98.6	98.6	99.0	99.4	99.6	100.0	100.0
IV 0	2.7	70.3	75.1	81.0	87.3	89.6	93.5	96.2	97.1	98.4	98.6	98.6	99.0	99.4	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1375  
STATION

ANDREWS AFB MD  
STATION NAME

70,73-81  
YEARS

MAY  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3600-0600  
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0	
NO CEILING	1.8	42.0	46.2	48.4	48.6	49.1	49.5	49.8	49.8	49.8	49.8	49.8	49.8	49.9	49.9	49.9	50.1
≥ 20000	1.9	46.1	50.4	53.3	53.8	54.5	55.1	55.5	55.5	55.5	55.5	55.6	55.6	55.7	55.7	55.7	55.9
IV 18000	1.9	46.6	50.9	53.8	54.2	54.9	55.5	55.9	55.9	55.9	56.0	56.0	56.0	56.1	56.1	56.1	56.3
IV 16000	1.9	46.7	51.0	53.9	54.3	55.1	55.6	56.0	56.0	56.0	56.1	56.1	56.1	56.2	56.2	56.2	56.5
IV 14000	1.9	47.2	51.5	54.4	54.8	55.6	56.1	56.6	56.6	56.6	56.7	56.7	56.7	56.8	56.8	56.8	57.0
IV 12000	1.9	48.1	52.6	55.6	56.0	56.9	57.5	58.0	58.0	58.0	58.1	58.1	58.1	58.2	58.2	58.2	58.4
IV 10000	1.9	50.6	55.7	59.0	59.9	61.0	61.8	62.5	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	63.0
IV 9000	1.9	51.3	56.5	59.8	60.6	61.7	62.6	63.2	63.2	63.2	63.3	63.3	63.3	63.4	63.4	63.4	63.8
IV 8000	1.9	54.0	59.2	62.8	63.7	64.7	65.9	66.8	66.8	66.8	66.9	66.9	66.9	67.0	67.0	67.0	67.3
IV 7000	1.9	55.2	60.4	64.0	64.9	66.1	67.4	68.3	68.3	68.3	68.4	68.4	68.4	68.5	68.5	68.5	68.8
IV 6000	1.9	56.1	61.4	65.1	66.0	67.2	68.5	69.4	69.4	69.4	69.5	69.5	69.5	69.6	69.6	69.6	69.9
IV 5000	1.9	57.6	63.0	67.0	68.1	69.2	70.8	71.6	71.6	71.6	71.7	71.7	71.7	71.8	71.8	71.8	72.2
IV 4500	1.9	58.0	63.4	67.5	68.6	69.8	71.3	72.3	72.3	72.3	72.4	72.4	72.4	72.5	72.5	72.5	72.8
IV 4000	1.9	60.1	65.9	70.5	71.8	73.0	74.5	75.8	75.9	76.0	76.1	76.1	76.1	76.2	76.2	76.2	76.7
IV 3500	1.9	60.3	66.2	70.9	72.3	73.4	75.1	76.3	76.5	76.6	76.7	76.7	76.7	76.8	76.8	76.8	77.2
IV 3000	1.9	61.1	67.1	71.9	73.7	74.8	76.5	77.7	77.8	78.0	78.1	78.1	78.1	78.2	78.2	78.2	78.6
IV 2500	1.9	61.1	67.1	72.0	73.9	75.1	76.8	78.1	78.2	78.3	78.4	78.4	78.4	78.5	78.5	78.5	78.9
IV 2000	1.9	61.5	67.5	72.5	74.3	75.5	77.2	78.5	78.8	78.9	79.0	79.0	79.0	79.1	79.1	79.1	79.6
IV 1800	1.9	61.6	67.6	72.7	74.5	75.8	77.5	78.8	79.1	79.2	79.4	79.4	79.4	79.5	79.5	79.5	79.9
IV 1500	1.9	61.8	67.8	73.0	74.8	76.5	78.3	79.6	79.9	80.0	80.1	80.1	80.1	80.2	80.2	80.2	80.6
IV 1200	1.9	62.5	69.0	74.6	76.6	78.2	80.1	81.4	81.7	81.8	81.9	81.9	81.9	82.0	82.0	82.0	82.5
IV 1000	1.9	63.1	69.7	75.5	77.6	79.5	81.6	83.0	83.3	83.5	83.8	83.8	83.8	83.9	83.9	83.9	84.3
IV 900	1.9	63.4	70.0	75.8	78.0	79.8	82.3	83.7	84.0	84.2	84.4	84.4	84.4	84.5	84.5	84.5	84.9
IV 800	1.9	64.0	70.8	76.8	78.9	80.9	83.5	84.9	85.3	85.5	85.7	85.7	85.7	85.8	85.8	85.8	86.2
IV 700	1.9	64.2	71.1	77.0	79.5	81.8	84.7	86.2	86.6	86.9	87.1	87.1	87.1	87.2	87.2	87.2	87.6
IV 600	1.9	64.3	71.4	77.6	80.9	83.3	86.6	88.4	88.8	89.2	89.5	89.5	89.5	89.6	89.6	89.6	90.0
IV 500	1.9	64.3	71.5	77.8	81.4	84.3	88.1	90.4	90.9	91.3	91.5	91.5	91.5	91.6	91.6	91.6	92.0
IV 400	1.9	64.3	71.6	78.2	81.8	85.4	90.1	93.3	93.8	94.6	94.9	95.1	95.1	95.2	95.2	95.2	95.6
IV 300	1.9	64.3	71.6	78.2	82.2	85.7	91.2	94.5	95.2	96.7	97.0	97.2	97.2	97.3	97.4	97.4	97.8
IV 200	1.9	64.3	71.6	78.3	82.3	85.8	91.6	95.2	95.9	97.5	98.0	98.2	98.2	98.6	98.8	98.8	99.4
IV 100	1.9	64.3	71.6	78.3	82.3	85.8	91.6	95.3	96.0	97.7	98.3	98.5	98.5	99.0	99.2	99.4	99.9
IV 0	1.9	64.3	71.6	78.3	82.3	85.8	91.6	95.3	96.0	97.7	98.3	98.5	98.5	99.0	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1375

ANDREWS AFB MD

70,73-81

MAY

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	≥5/16	≥¼	≥0
NO CEILING	2.4	45.9	47.5	48.1	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 20000	2.5	50.3	52.4	53.2	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 18000	2.5	50.8	52.8	53.7	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 16000	2.5	51.2	53.2	54.1	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 14000	2.5	51.9	54.0	54.8	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 12000	2.5	54.2	56.2	57.1	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 10000	2.5	58.4	60.9	62.2	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 9000	2.5	58.5	61.0	62.3	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 8000	2.5	60.4	63.2	64.9	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 7000	2.5	61.7	64.6	66.3	67.2	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 6000	2.5	62.7	65.8	67.7	68.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 5000	2.6	64.6	68.0	70.1	71.2	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 4500	2.6	65.1	68.5	70.6	71.7	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 4000	2.9	68.1	71.9	74.2	75.4	75.7	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 3500	2.9	68.6	72.6	74.8	76.0	76.3	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 3000	2.9	71.4	75.5	77.7	78.9	79.2	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 2500	2.9	72.3	76.8	79.1	80.5	80.9	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2000	2.9	73.3	78.0	80.5	81.9	82.5	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 1800	2.9	73.9	78.5	81.1	82.5	83.0	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 1500	2.9	74.7	79.7	82.8	84.9	85.5	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1200	2.9	75.3	81.1	84.7	87.3	88.2	88.7	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1000	3.0	76.1	82.0	86.3	89.2	90.1	90.9	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 900	3.0	76.1	82.4	86.7	89.9	90.8	91.6	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 800	3.0	76.5	82.8	87.4	90.9	91.9	92.9	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 700	3.0	76.8	83.1	88.1	91.7	92.9	94.1	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 600	3.0	76.8	83.1	88.4	92.0	93.4	94.9	95.4	95.5	95.7	95.8	95.8	95.8	95.8	95.8	95.8
≥ 500	3.0	76.8	83.1	88.6	92.5	94.5	96.2	96.8	96.9	97.2	97.3	97.3	97.3	97.3	97.3	97.3
≥ 400	3.0	76.8	83.1	88.6	92.9	94.9	96.7	97.4	97.5	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 300	3.0	76.8	83.1	88.6	93.0	95.2	97.0	97.8	98.1	98.7	98.9	98.9	98.9	99.0	99.0	99.0
≥ 200	3.0	76.8	83.1	88.6	93.0	95.2	97.1	98.1	98.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	3.0	76.8	83.1	88.6	93.0	95.2	97.1	98.1	98.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	3.0	76.8	83.1	88.6	93.0	95.2	97.1	98.1	98.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

137 5

ANDREWS AFB MD

70,73-81

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	¾	¾	≥5/16	¾	≥0
NO CEILING	3.7	43.7	44.7	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥ 20000	3.0	51.3	52.0	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 18000	3.0	51.5	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 16000	3.0	51.7	52.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 14000	3.0	52.2	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 12000	3.0	54.5	55.7	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
≥ 10000	3.0	58.4	59.8	60.2	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 9000	3.0	58.5	59.9	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
≥ 8000	3.1	62.0	63.7	64.3	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 7000	3.1	63.1	64.7	65.4	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 6000	3.1	64.4	66.2	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 5000	3.5	67.1	68.9	70.5	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 4500	3.9	68.0	69.8	71.4	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 4000	4.2	72.2	74.1	76.3	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 3500	4.2	73.1	75.1	77.3	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 3000	4.3	76.5	78.6	81.0	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.4
≥ 2500	4.3	78.3	80.6	83.1	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.8	84.8
≥ 2000	4.3	78.8	81.8	84.8	86.7	86.9	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.3	87.3
≥ 1800	4.3	79.0	82.2	85.2	87.0	87.2	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.6
≥ 1500	4.3	79.7	83.3	87.0	89.8	90.1	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.6	90.6
≥ 1200	4.3	80.1	83.9	88.2	91.2	91.6	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.2	92.2
≥ 1000	4.3	81.4	85.2	90.0	93.3	93.9	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.5	94.5
≥ 900	4.3	81.4	85.2	90.0	93.7	94.2	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9
≥ 800	4.3	81.6	85.5	90.3	94.2	94.8	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.9	95.9
≥ 700	4.3	82.0	85.9	90.9	94.9	95.9	97.1	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6
≥ 600	4.3	82.0	86.0	91.0	95.2	96.2	97.6	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3
≥ 500	4.3	82.2	86.1	91.2	95.5	96.7	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8
≥ 400	4.3	82.2	86.1	91.3	95.6	96.8	98.3	98.7	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0
≥ 300	4.3	82.2	86.1	91.3	95.6	96.9	98.4	99.0	99.2	99.4	99.6	99.6	99.6	99.6	99.7	99.7
≥ 200	4.3	82.2	86.1	91.3	95.6	96.9	98.4	99.1	99.4	99.6	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	4.3	82.2	86.1	91.3	95.6	96.9	98.4	99.1	99.4	99.6	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	4.3	82.2	86.1	91.3	95.6	96.9	98.4	99.1	99.4	99.6	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 936

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

137 S

ANDREWS AFB MD

70,73-81

MAY

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	≥½	≥5/16	≥¼	≥0
NO CEILING	2.6	42.7	43.0	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 20000	2.8	52.6	52.9	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
≥ 18000	2.9	52.8	53.1	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 16000	2.9	53.2	53.5	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 14000	2.9	54.0	54.5	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 2000	2.9	56.2	56.8	57.2	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 10000	2.9	59.1	59.8	60.6	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 9000	2.9	59.8	60.4	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 8000	3.0	64.6	65.5	66.6	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 7000	3.0	66.3	67.2	68.5	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 6000	3.0	67.4	68.3	69.6	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 5000	3.3	70.6	71.6	73.4	74.2	74.3	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 4500	3.7	71.8	72.8	74.8	75.6	75.7	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 4000	3.7	75.7	77.2	79.9	80.6	80.8	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 3500	3.7	77.0	78.5	81.3	82.0	82.3	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 3000	3.8	80.0	82.0	84.9	85.7	85.9	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 2500	3.8	81.3	83.5	86.9	87.7	88.1	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 2000	3.8	82.0	84.5	88.2	89.4	89.8	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1800	3.8	82.3	84.8	88.5	89.9	90.3	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1500	3.8	83.0	85.9	89.8	92.2	92.6	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1200	3.8	83.3	86.2	90.3	92.9	93.3	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1000	3.8	83.8	86.9	91.1	94.0	94.4	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 900	3.8	83.8	86.9	91.1	94.1	94.5	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 800	3.8	83.8	86.9	91.1	94.3	94.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 700	3.8	83.9	87.0	91.2	94.5	95.1	96.2	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 600	3.8	83.9	87.1	91.3	94.7	95.3	96.9	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 500	3.8	83.9	87.1	91.3	94.7	95.3	97.2	98.3	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400	3.8	83.9	87.1	91.3	94.7	95.3	97.3	98.6	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	3.8	83.9	87.1	91.3	94.7	95.3	97.3	98.7	98.9	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	3.8	83.9	87.1	91.3	94.7	95.3	97.3	98.8	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	3.8	83.9	87.1	91.3	94.7	95.3	97.3	98.8	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	3.8	83.9	87.1	91.3	94.7	95.3	97.3	98.8	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13795

ANDREWS AFB MD

70,73-81

MAY

STATION

STATION NAME

YEARS

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	4.1	49.4	50.4	51.3	51.5	51.5	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
IV 20000	4.3	59.9	61.3	62.3	62.7	62.7	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
IV 18000	4.3	60.0	61.4	62.4	62.8	62.8	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 16000	4.3	60.0	61.4	62.4	62.8	62.8	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 14000	4.3	60.6	62.0	63.0	63.5	63.5	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
IV 12000	4.3	62.6	64.1	65.4	65.8	65.8	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
IV 10000	4.3	66.4	67.9	69.7	70.5	70.5	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 9000	4.3	67.2	68.9	70.7	71.4	71.4	71.8	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
IV 8000	4.3	70.6	72.4	74.4	75.3	75.3	75.6	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
IV 7000	4.3	71.8	73.6	75.5	76.5	76.5	76.8	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 6000	4.4	73.3	75.2	77.3	78.3	78.3	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
IV 5000	4.4	75.0	77.5	79.6	80.9	81.1	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
IV 4500	4.4	75.2	77.7	80.0	81.3	81.5	81.8	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
IV 4000	4.4	78.1	81.5	84.2	85.7	86.0	86.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 3500	4.4	78.7	82.0	84.7	86.2	86.5	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 3000	4.4	79.7	83.2	86.2	88.0	88.5	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 2500	4.4	80.3	83.8	86.9	88.8	89.2	89.9	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 2000	4.4	80.8	84.4	87.7	89.8	90.6	91.3	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 1800	4.4	80.8	84.4	87.7	89.8	90.6	91.3	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 1500	4.4	81.4	84.9	88.5	90.8	92.0	92.8	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 1200	4.4	81.8	85.3	89.1	91.7	92.9	93.6	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 1000	4.4	82.0	85.6	89.4	92.2	93.5	94.3	94.8	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 900	4.4	82.0	85.6	89.4	92.2	93.8	94.5	95.0	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 800	4.4	82.0	85.6	89.5	92.5	94.0	94.8	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 700	4.4	82.0	85.6	89.7	92.7	94.2	95.0	95.8	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 600	4.4	82.0	85.6	89.7	92.8	94.3	95.2	96.0	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 500	4.4	82.2	85.8	89.9	93.0	94.6	95.6	96.7	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6
IV 400	4.4	82.2	85.8	89.9	93.1	94.8	96.3	97.7	98.6	99.1	99.2	99.2	99.2	99.2	99.2	99.2
IV 300	4.4	82.2	85.8	89.9	93.1	94.8	96.3	97.8	98.7	99.5	99.6	99.6	99.6	99.6	99.6	99.6
IV 200	4.4	82.2	85.8	89.9	93.1	94.8	96.3	97.8	98.8	99.7	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	4.4	82.2	85.8	89.9	93.1	94.8	96.3	97.8	98.8	99.7	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	4.4	82.2	85.8	89.9	93.1	94.8	96.3	97.8	98.8	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 928

GLOBAL CLIMATOLOGY BRANCH  
 US AFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1375

ANDREWS AFB MD

70,73-81

MAY

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2130-2300

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	3.9	53.7	55.0	55.6	56.0	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 20000	4.0	60.6	62.6	63.2	63.8	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
IV 18000	4.0	60.8	62.8	63.4	64.0	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
IV 16000	4.0	60.9	62.9	63.5	64.1	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
IV 14000	4.0	61.1	63.0	63.8	64.3	64.6	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
IV 12000	4.0	62.9	64.8	65.7	66.2	66.6	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
IV 10000	4.0	66.9	69.0	70.0	71.4	71.8	72.0	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
IV 9000	4.0	67.3	69.5	70.4	71.8	72.3	72.4	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 8000	4.0	70.9	73.6	74.6	76.1	76.5	76.6	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 7000	4.0	71.8	74.5	75.6	77.0	77.5	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV 6000	4.0	73.1	76.1	77.1	78.5	79.0	79.1	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
IV 5000	4.0	74.9	78.1	79.4	81.0	81.4	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
IV 4500	4.0	75.8	79.2	80.5	82.2	82.6	82.7	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
IV 4000	4.0	78.3	82.2	83.6	85.5	86.1	86.2	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IV 3500	4.0	79.7	82.6	84.0	86.1	86.6	86.7	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 3000	4.0	80.3	84.6	86.1	88.3	88.9	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 2500	4.0	80.6	85.1	86.9	89.3	89.9	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 2000	4.0	80.8	85.8	87.8	90.4	90.9	91.0	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 1800	4.0	80.8	85.8	87.8	90.4	90.9	91.0	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 1500	4.0	81.0	86.3	88.7	91.3	91.8	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
IV 1200	4.0	81.6	86.9	89.5	92.2	92.8	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 1000	4.0	82.0	87.5	90.4	93.2	93.7	93.9	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 900	4.0	82.1	87.7	90.6	93.4	94.1	94.2	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 800	4.0	82.2	88.0	90.9	93.9	94.5	94.6	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 700	4.0	82.4	88.2	91.2	94.2	94.8	94.9	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 600	4.0	82.4	88.2	91.2	94.6	95.3	95.6	96.1	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 500	4.0	82.5	88.3	91.3	95.0	95.8	96.1	96.7	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 400	4.0	82.5	88.3	91.3	95.1	96.0	96.7	97.2	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 300	4.0	82.5	88.3	91.3	95.4	96.2	97.0	98.0	98.9	99.6	99.6	99.6	99.6	99.7	99.7	99.7
IV 200	4.0	82.5	88.3	91.3	95.4	96.2	97.0	98.0	98.9	99.6	99.6	99.6	99.6	99.7	99.7	99.7
IV 100	4.0	82.5	88.3	91.3	95.4	96.2	97.0	98.0	98.9	99.7	99.8	99.8	99.8	100.0	100.0	100.0
IV 0	4.0	82.5	88.3	91.3	95.4	96.2	97.0	98.0	98.9	99.7	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

927

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1375

ANDREWS AFB MD

70,73-81

MAY

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	¾	≥0
NO CEILING	2.9	46.6	48.1	49.0	49.3	49.4	49.6	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 20000	3.0	53.1	55.0	56.1	56.6	56.7	57.0	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2
IV 18000	3.0	53.4	55.2	56.4	56.8	57.0	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.5
IV 16000	3.0	53.6	55.4	56.6	57.0	57.2	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.7
IV 14000	3.0	54.1	56.0	57.2	57.7	57.8	58.1	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3
IV 12000	3.0	55.9	57.9	59.2	59.7	59.9	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.4	60.4	60.4
IV 10000	3.0	59.4	61.7	63.3	64.2	64.4	64.7	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.1
IV 9000	3.0	59.8	62.1	63.8	64.6	64.9	65.2	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.6
IV 8000	3.1	63.3	66.3	67.8	68.7	69.0	69.4	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.8
IV 7000	3.1	64.7	67.3	69.2	70.2	70.6	71.0	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.4
IV 6000	3.1	65.8	68.6	70.6	71.6	72.0	72.4	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8
IV 5000	3.2	67.9	70.9	73.2	74.4	74.8	75.3	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.8
IV 4500	3.3	68.6	71.6	74.1	75.3	75.7	76.2	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.7
IV 4000	3.3	71.5	75.0	77.8	79.2	79.6	80.2	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.8
IV 3500	3.3	72.1	75.6	78.5	80.0	80.4	81.0	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.6
IV 3000	3.4	74.0	77.7	80.6	82.3	82.6	83.4	83.8	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0
IV 2500	3.4	74.6	78.6	81.7	83.5	84.0	84.6	85.0	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.3
IV 2000	3.4	75.2	79.3	82.7	84.7	85.3	86.0	86.4	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.7
IV 1800	3.4	75.4	79.6	82.9	84.9	85.6	86.3	86.7	86.8	86.8	86.9	86.9	86.9	86.9	86.9	87.0
IV 1500	3.4	75.9	80.3	83.9	86.4	87.1	87.9	88.3	88.4	88.5	88.5	88.5	88.5	88.6	88.6	88.6
IV 1200	3.4	76.4	81.0	85.0	87.6	88.4	89.3	89.7	89.8	89.9	89.9	89.9	90.0	90.0	90.0	90.0
IV 1000	3.4	77.1	81.8	86.0	88.9	89.7	90.7	91.2	91.3	91.4	91.4	91.4	91.5	91.5	91.5	91.6
IV 900	3.4	77.1	82.0	86.2	89.1	90.0	91.1	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.9
IV 800	3.4	77.3	82.2	86.6	89.6	90.6	91.8	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.7	92.7
IV 700	3.4	77.5	82.5	86.9	90.2	91.4	92.7	93.5	93.7	93.8	93.8	93.8	93.9	93.9	93.9	93.9
IV 600	3.4	77.6	82.6	87.2	90.9	92.1	93.6	94.5	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.1
IV 500	3.4	77.6	82.7	87.4	91.4	92.9	94.6	95.7	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.4
IV 400	3.4	77.7	82.8	87.6	91.7	93.3	95.5	96.8	97.2	97.6	97.7	97.7	97.8	97.8	97.8	97.8
IV 300	3.4	77.7	82.8	87.6	91.9	93.5	95.8	97.4	97.9	98.5	98.7	98.7	98.8	98.8	98.8	98.9
IV 200	3.4	77.7	82.8	87.6	91.9	93.6	95.9	97.6	98.3	99.1	99.4	99.4	99.5	99.5	99.6	99.7
IV 100	3.4	77.7	82.8	87.6	91.9	93.6	95.9	97.6	98.3	99.2	99.4	99.5	99.6	99.7	99.8	100.0
IV 0	3.4	77.7	82.8	87.6	91.9	93.6	95.9	97.6	98.3	99.2	99.4	99.5	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS

7435

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1875

ANDREWS AFB MD

69-70,73-80

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	¾	¾	≥5/16	¾	≥0
NO CEILING	2.9	49.9	54.4	55.9	57.1	57.6	57.8	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7
IV 20000	3.0	54.9	60.6	62.4	63.8	64.2	64.6	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8
IV 18000	3.0	55.6	61.2	63.1	64.4	64.9	65.2	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4
IV 16000	3.0	55.6	61.2	63.1	64.4	64.9	65.2	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4
IV 14000	3.0	56.7	62.3	64.2	65.6	66.0	66.3	67.4	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6
IV 12000	3.0	57.6	63.2	65.1	66.4	66.9	67.2	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4
IV 10000	3.0	62.6	68.4	71.1	72.7	73.2	73.6	74.7	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 9000	3.3	63.4	69.3	72.0	73.6	74.1	74.4	75.6	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8
IV 8000	3.3	65.7	71.7	74.4	76.0	76.6	76.9	78.0	78.0	78.2	78.3	78.3	78.3	78.3	78.3	78.3
IV 7000	3.7	67.0	73.0	75.8	77.3	77.9	78.2	79.3	79.3	79.7	79.8	79.8	79.8	79.8	79.8	79.8
IV 6000	3.7	68.0	74.0	76.8	78.3	78.9	79.2	80.3	80.4	80.7	80.8	80.8	80.8	80.8	80.8	80.8
IV 5000	3.7	69.9	75.9	78.7	80.3	80.9	81.2	82.4	82.6	82.8	82.9	82.9	82.9	82.9	82.9	82.9
IV 4500	3.9	70.7	76.9	79.8	81.4	82.0	82.3	83.6	83.7	83.9	84.0	84.0	84.0	84.0	84.0	84.0
IV 4000	3.9	72.9	79.6	82.7	84.9	85.7	86.0	87.2	87.3	87.6	87.7	87.7	87.7	87.7	87.7	87.7
IV 3500	3.9	73.3	80.1	83.3	85.8	86.6	86.9	88.1	88.2	88.4	88.6	88.6	88.6	88.6	88.6	88.6
IV 3000	3.9	74.3	81.3	84.7	87.3	88.1	88.4	89.7	89.8	90.0	90.1	90.1	90.1	90.1	90.1	90.1
IV 2500	3.9	74.8	81.8	85.1	87.8	88.6	88.9	90.1	90.2	90.4	90.6	90.6	90.6	90.6	90.6	90.6
IV 2000	4.0	75.8	83.1	86.8	89.4	90.2	90.6	91.8	91.9	92.1	92.3	92.3	92.3	92.3	92.3	92.3
IV 1800	4.0	76.2	83.7	87.4	90.1	90.9	91.2	92.4	92.6	92.8	93.0	93.0	93.0	93.0	93.0	93.0
IV 1500	4.2	76.6	84.1	88.0	90.7	91.4	91.9	93.1	93.2	93.4	93.7	93.7	93.7	93.7	93.7	93.7
IV 1200	4.2	77.1	84.8	88.9	91.6	92.3	92.8	94.0	94.1	94.3	94.6	94.6	94.6	94.6	94.6	94.6
IV 1000	4.2	77.8	85.6	89.9	92.8	93.6	94.2	95.4	95.6	95.8	96.0	96.0	96.0	96.0	96.0	96.0
IV 900	4.2	77.9	85.7	90.0	92.9	93.7	94.4	95.7	95.8	96.0	96.2	96.2	96.2	96.2	96.2	96.2
IV 800	4.2	78.2	86.1	90.6	93.6	94.3	95.1	96.3	96.4	96.8	97.0	97.0	97.0	97.0	97.0	97.0
IV 700	4.2	78.2	86.1	90.6	93.8	94.6	95.3	96.6	96.7	97.0	97.2	97.2	97.2	97.2	97.2	97.2
IV 600	4.2	78.2	86.1	90.6	93.9	94.7	95.4	96.8	96.9	97.2	97.4	97.4	97.4	97.4	97.4	97.4
IV 500	4.2	78.2	86.3	91.0	94.3	95.1	96.0	97.4	97.6	97.9	98.1	98.1	98.1	98.1	98.1	98.1
IV 400	4.2	78.4	86.6	91.2	94.8	95.6	96.7	98.1	98.2	98.6	98.8	98.8	98.8	98.8	98.8	98.8
IV 300	4.2	78.4	86.6	91.2	94.8	95.6	96.7	98.1	98.2	98.6	98.9	98.9	98.9	98.9	98.9	98.9
IV 200	4.2	78.4	86.6	91.2	94.8	95.7	96.9	98.3	98.4	99.1	99.4	99.4	99.4	99.4	99.4	99.4
IV 100	4.2	78.4	86.6	91.2	94.8	95.7	96.9	98.3	98.4	99.1	99.4	99.4	99.8	99.8	99.9	99.9
IV 0	4.2	78.4	86.6	91.2	94.8	95.7	96.9	98.3	98.4	99.1	99.4	99.4	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1375

ANDREWS AFB MD

69-70,73-80

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	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	3.7	44.0	48.3	51.3	54.0	54.7	55.3	56.0	56.0	56.1	56.2	56.2	56.2	56.2	56.2	56.2
≥ 20000	3.7	47.3	52.4	55.8	58.6	59.2	60.0	60.8	60.8	61.0	61.1	61.1	61.1	61.1	61.1	61.1
IV 18000	3.0	47.8	52.9	56.2	59.0	59.7	60.4	61.2	61.2	61.4	61.6	61.6	61.6	61.6	61.6	61.6
IV 16000	3.7	47.8	52.9	56.2	59.0	59.7	60.4	61.2	61.2	61.4	61.6	61.6	61.6	61.6	61.6	61.6
IV 14000	3.0	48.4	53.6	56.9	59.7	60.3	61.1	61.9	62.0	62.2	62.3	62.3	62.3	62.3	62.3	62.3
IV 12000	3.1	49.8	55.7	58.4	61.2	61.9	62.7	63.4	63.6	63.8	63.9	63.9	63.9	63.9	63.9	63.9
IV 10000	3.1	54.3	59.8	63.9	66.9	67.6	68.4	69.3	69.4	69.7	69.9	69.9	69.9	69.9	69.9	70.0
IV 9000	3.2	55.1	60.7	64.9	67.9	68.6	69.4	70.3	70.4	70.7	70.9	70.9	70.9	70.9	70.9	71.0
IV 8000	3.2	57.2	63.1	67.4	70.6	71.2	72.1	73.0	73.1	73.3	73.6	73.6	73.7	73.7	73.9	73.9
IV 7000	3.4	58.0	63.9	68.2	71.3	72.0	73.0	73.9	74.0	74.2	74.4	74.4	74.6	74.6	74.8	74.8
IV 6000	3.4	59.0	64.9	69.2	72.3	73.0	74.0	74.9	75.1	75.3	75.6	75.6	75.7	75.7	75.9	75.9
IV 5000	3.4	61.1	67.0	71.3	74.4	75.2	76.2	77.3	77.6	77.8	78.0	78.0	78.1	78.1	78.3	78.3
IV 4500	3.4	62.2	68.1	72.6	75.7	76.4	77.4	78.8	79.0	79.2	79.4	79.4	79.6	79.6	79.8	79.8
IV 4000	3.4	64.9	71.1	75.8	79.2	80.1	81.6	83.1	83.3	83.7	83.9	83.9	84.0	84.0	84.2	84.2
IV 3500	3.4	65.3	71.7	76.6	80.1	81.1	82.6	84.1	84.3	84.8	85.0	85.0	85.1	85.1	85.4	85.4
IV 3000	3.4	66.0	72.3	77.2	81.2	82.2	83.8	85.4	85.7	86.1	86.3	86.3	86.4	86.4	86.8	86.9
IV 2500	3.4	66.2	72.6	77.6	81.7	82.7	84.2	85.9	86.1	86.6	86.8	86.8	86.9	86.9	87.2	87.3
IV 2000	3.4	67.0	73.6	78.6	82.8	83.8	85.4	87.1	87.4	87.9	88.1	88.1	88.2	88.2	88.7	88.8
IV 1800	3.4	67.2	73.8	78.8	83.0	84.0	85.7	87.3	87.7	88.1	88.3	88.3	88.4	88.4	88.9	89.0
IV 1500	3.4	68.0	74.8	79.8	84.0	85.1	86.9	88.6	88.9	89.3	89.6	89.6	89.7	89.7	90.1	90.2
IV 1200	3.4	68.4	75.2	80.2	84.4	85.7	87.4	89.2	89.6	90.0	90.2	90.2	90.3	90.3	90.8	90.9
IV 1000	3.4	69.1	76.3	81.4	85.9	87.2	89.0	91.0	91.4	91.9	92.1	92.1	92.2	92.2	92.7	92.8
IV 900	3.4	69.4	76.8	81.9	86.4	87.8	89.7	91.7	92.1	92.6	92.8	92.8	92.9	92.9	93.3	93.4
IV 800	3.4	69.6	76.9	82.2	86.9	88.2	90.1	92.3	92.9	93.3	93.6	93.6	93.7	93.7	94.1	94.2
IV 700	3.4	69.8	77.1	82.6	87.2	88.8	90.8	93.1	93.7	94.1	94.3	94.3	94.4	94.4	94.9	95.0
IV 600	3.4	69.9	77.3	82.9	87.8	89.3	91.6	93.9	94.4	94.9	95.1	95.1	95.2	95.2	95.7	95.8
IV 500	3.4	70.0	77.4	83.0	88.0	89.6	91.8	94.3	94.9	95.3	95.6	95.6	95.7	95.7	96.1	96.2
IV 400	3.4	70.0	77.4	83.1	88.2	90.0	92.4	95.2	95.9	96.3	96.6	96.6	96.7	96.7	97.1	97.2
IV 300	3.4	70.0	77.4	83.1	88.2	90.0	92.7	95.6	96.2	96.7	96.9	96.9	97.0	97.0	97.4	97.6
IV 200	3.4	70.0	77.4	83.1	88.2	90.0	92.7	95.6	96.2	96.8	97.1	97.1	97.4	97.4	98.0	98.2
IV 100	3.4	70.0	77.4	83.1	88.2	90.0	92.7	95.6	96.2	96.8	97.1	97.2	98.1	98.1	98.8	99.4
IV 0	3.4	70.0	77.4	83.1	88.2	90.0	92.7	95.6	96.2	96.8	97.1	97.2	98.1	98.1	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900



GLOEAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

137 5

ANDREWS AFB MD

69-70,73-80

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

600-0800  
 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	3.1	38.1	42.6	45.9	49.0	49.6	50.8	51.3	51.4	51.7	51.9	51.9	51.9	51.9	52.0	52.0
≥ 20000	3.2	43.0	47.9	51.3	54.8	55.3	57.0	57.6	57.7	58.0	58.2	58.2	58.2	58.2	58.3	58.3
IV 18000	3.2	43.2	48.1	51.6	55.0	55.6	57.2	57.8	57.9	58.2	58.4	58.4	58.4	58.4	58.6	58.6
IV 16000	3.2	43.3	48.2	51.7	55.1	55.7	57.3	57.9	58.0	58.3	58.6	58.6	58.6	58.6	58.7	58.7
IV 14000	3.2	44.2	49.1	52.6	56.0	56.6	58.2	58.8	58.9	59.2	59.4	59.4	59.4	59.4	59.6	59.6
IV 12000	3.3	45.7	50.7	54.2	57.7	58.2	59.9	60.4	60.7	61.0	61.2	61.2	61.2	61.2	61.3	61.3
IV 10000	3.3	50.8	56.8	60.6	64.6	65.2	67.1	67.9	68.1	68.4	68.8	68.8	68.8	68.8	68.9	68.9
IV 9000	3.3	51.1	57.3	61.1	65.1	65.8	67.8	68.6	68.8	69.1	69.4	69.4	69.4	69.4	69.6	69.6
IV 8000	3.3	55.1	61.7	65.8	69.9	70.6	73.2	74.0	74.2	74.6	74.9	74.9	74.9	74.9	75.0	75.0
IV 7000	3.3	55.7	62.2	66.4	70.6	71.2	73.9	74.8	75.0	75.3	75.7	75.7	75.7	75.7	75.8	75.8
IV 6000	3.4	56.1	62.7	66.9	71.0	71.7	74.4	75.3	75.6	75.9	76.2	76.2	76.3	76.3	76.4	76.4
IV 5000	3.4	56.9	63.7	68.0	72.1	72.9	75.7	76.6	76.8	77.1	77.4	77.4	77.6	77.6	77.7	77.7
IV 4500	3.4	57.2	64.0	68.6	72.7	73.4	76.2	77.1	77.3	77.7	78.0	78.0	78.1	78.1	78.2	78.2
IV 4000	3.4	58.9	65.9	70.6	75.0	75.8	79.0	79.9	80.1	80.4	80.8	80.8	80.9	80.9	81.0	81.0
IV 3500	3.4	59.2	66.2	70.9	75.7	76.4	79.7	80.6	80.8	81.1	81.4	81.4	81.6	81.6	81.7	81.7
IV 3000	3.4	60.0	67.0	71.7	76.8	77.6	81.1	82.0	82.2	82.7	83.0	83.0	83.1	83.1	83.2	83.2
IV 2500	3.4	60.3	67.4	72.3	77.6	78.3	81.9	82.8	83.0	83.4	83.8	83.8	83.9	83.9	84.0	84.0
IV 2000	3.4	61.1	68.4	73.6	79.0	80.0	83.7	84.6	84.8	85.2	85.6	85.6	85.7	85.7	85.8	85.8
IV 1800	3.4	61.1	68.4	73.6	79.0	80.0	83.7	84.6	84.8	85.2	85.6	85.6	85.7	85.7	85.8	85.8
IV 1500	3.4	61.9	69.3	74.4	80.1	81.1	84.8	85.7	85.9	86.3	86.7	86.7	86.8	86.8	86.9	86.9
IV 1200	3.4	62.6	70.3	75.7	81.6	82.7	86.6	87.4	87.7	88.1	88.4	88.4	88.6	88.6	88.7	88.7
IV 1000	3.4	62.9	71.1	76.8	83.4	84.8	88.7	89.6	89.8	90.2	90.6	90.6	90.7	90.7	90.8	90.8
IV 900	3.4	63.0	71.2	77.0	83.8	85.1	89.1	90.2	90.4	90.9	91.2	91.2	91.3	91.3	91.4	91.4
IV 800	3.4	63.0	71.2	77.2	84.6	86.0	90.2	91.6	91.8	92.2	92.6	92.6	92.7	92.7	92.8	92.8
IV 700	3.4	63.2	71.8	77.8	85.2	86.9	91.3	92.7	92.9	93.3	93.7	93.7	93.8	93.8	93.9	93.9
IV 600	3.4	63.2	71.8	78.1	85.6	87.3	91.9	93.3	93.6	94.0	94.3	94.3	94.4	94.4	94.6	94.6
IV 500	3.4	63.7	72.6	79.0	86.6	88.4	93.1	94.8	95.0	95.4	95.8	95.8	95.9	95.9	96.0	96.0
IV 400	3.4	63.7	72.7	79.2	86.9	89.0	94.3	96.2	96.6	97.2	97.6	97.6	97.7	97.7	97.8	97.8
IV 300	3.4	63.7	72.7	79.2	86.9	89.0	94.4	96.6	97.0	97.7	98.1	98.1	98.2	98.2	98.3	98.3
IV 200	3.4	63.7	72.7	79.2	86.9	89.0	94.4	96.8	97.2	98.0	98.6	98.6	98.8	98.9	99.1	99.1
IV 100	3.4	63.7	72.7	79.2	86.9	89.0	94.6	96.9	97.3	98.1	98.7	98.7	98.9	99.0	99.3	99.6
IV 0	3.4	63.7	72.7	79.2	86.9	89.0	94.6	96.9	97.3	98.1	98.7	98.7	98.9	99.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

137 5

ANDREWS AFB MD

69-70,73-80

JUN

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	≥5/16	¾	≥0
NO CEILING	4.4	46.6	49.7	51.6	53.0	53.3	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 20000	4.4	52.6	56.2	58.6	60.4	60.8	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
IV 18000	4.4	52.7	56.4	58.8	60.7	61.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IV 16000	4.4	53.0	56.8	59.1	61.0	61.3	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
IV 14000	4.4	54.2	58.0	60.3	62.2	62.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
IV 12000	4.4	55.4	59.2	61.6	63.9	64.3	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
IV 10000	4.4	59.7	63.8	66.3	68.8	69.2	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
IV 9000	4.4	59.7	63.8	66.3	68.8	69.2	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
IV 8000	4.4	62.7	67.4	70.0	72.6	73.2	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
IV 7000	4.4	62.9	67.7	70.2	72.8	73.4	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
IV 6000	4.4	63.0	67.8	70.6	73.1	73.8	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 5000	4.6	64.7	69.6	72.3	75.0	75.7	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
IV 4500	4.6	65.2	70.2	73.1	75.9	76.6	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 4000	4.6	67.0	72.2	75.3	78.2	78.9	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 3500	4.6	67.4	72.7	75.8	78.7	79.3	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 3000	4.6	69.7	75.1	78.6	82.0	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 2500	4.6	70.6	76.2	79.8	83.3	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 2000	4.6	71.9	77.9	81.6	85.2	86.0	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 1800	4.6	72.0	78.0	81.7	85.3	86.1	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 1500	4.6	73.6	79.8	83.8	87.7	88.6	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 1200	4.6	75.7	82.2	86.4	90.7	91.8	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 1000	4.6	76.4	83.8	88.3	92.9	94.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 900	4.6	76.4	83.8	88.3	92.9	94.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 800	4.6	76.4	84.0	88.7	93.3	95.0	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 700	4.6	76.7	84.2	89.0	94.0	95.8	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 600	4.6	76.7	84.2	89.0	94.0	95.8	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 500	4.6	76.9	84.7	89.7	94.7	96.6	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 400	4.6	76.9	84.8	89.8	94.8	96.8	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 300	4.6	76.9	84.8	89.8	94.8	96.8	99.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	4.6	76.9	84.8	89.8	94.8	96.8	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	4.6	76.9	84.8	89.8	94.8	96.8	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	4.6	76.9	84.8	89.8	94.8	96.8	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1375

ANDREWS AFB MD

69-70, 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	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	5.2	43.6	47.3	48.2	49.4	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 20000	5.3	50.6	55.3	56.7	58.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 18000	5.3	50.6	55.3	56.7	58.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 16000	5.3	50.6	55.3	56.7	58.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 14000	5.3	52.2	57.1	58.4	59.8	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 12000	5.4	53.7	58.6	60.3	61.8	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 10000	5.4	57.7	62.7	64.7	66.2	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 9000	5.4	57.7	62.7	64.7	66.2	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 8000	5.4	61.7	67.0	69.2	70.8	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 7000	5.6	62.1	67.4	69.7	71.3	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 6000	5.6	62.9	68.2	70.4	72.1	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 5000	5.6	64.3	69.9	72.1	73.8	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 4500	5.7	64.9	70.4	72.7	74.7	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 4000	5.8	69.4	75.9	78.4	80.7	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2
≥ 3500	5.8	70.7	77.3	80.2	82.6	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4
≥ 3000	5.8	76.1	83.3	86.3	89.1	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2500	5.8	76.7	83.7	87.1	90.0	90.8	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9
≥ 2000	5.8	78.0	85.2	88.7	91.8	92.7	92.7	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1800	5.8	78.3	85.8	89.2	92.3	93.2	93.2	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1500	5.8	79.1	86.7	90.1	93.3	94.2	94.2	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1200	5.8	79.8	87.8	92.1	95.6	96.4	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1000	5.8	80.1	88.1	92.4	96.3	97.4	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8
≥ 900	5.8	80.2	88.2	92.7	96.8	97.9	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 800	5.8	80.2	88.2	92.7	96.9	98.1	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 700	5.8	80.3	88.3	92.8	97.2	98.4	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	5.8	80.3	88.3	92.8	97.2	98.4	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	5.8	80.3	88.3	92.8	97.3	98.8	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	5.8	80.3	88.3	92.8	97.3	98.8	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	5.8	80.3	88.4	92.9	97.4	98.9	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	5.8	80.3	88.4	92.9	97.4	98.9	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	5.8	80.3	88.4	92.9	97.4	98.9	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	5.8	80.3	88.4	92.9	97.4	98.9	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1775  
 STATION

ANDREWS AFB MD  
 STATION NAME

69-70,73-80  
 YEARS

JUN  
 MONTH  
 1500-1700  
 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	¾	¾	≥5/16	¾	≥0
NO CEILING	4.7	46.7	49.9	50.9	52.1	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥20000	4.7	56.1	60.9	61.9	63.2	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
IV 18000	4.7	56.4	61.2	62.2	63.6	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
IV 16000	4.7	56.7	61.4	62.4	63.8	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
IV 14000	4.8	57.8	62.7	63.7	65.0	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 12000	4.9	59.1	64.2	65.2	66.6	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
IV 10000	5.1	62.9	68.6	69.7	71.0	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 9000	5.1	63.0	68.7	70.0	71.3	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
IV 8000	5.2	66.2	72.1	73.8	75.1	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
IV 7000	5.2	67.3	73.3	75.0	76.3	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 6000	5.2	69.0	75.0	76.8	78.2	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 5000	5.3	70.1	76.7	78.8	80.2	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IV 4500	5.3	70.9	77.7	79.8	81.3	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV 4000	5.3	75.0	81.9	84.2	86.0	86.6	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 3500	5.4	76.4	83.4	86.0	87.8	88.6	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 3000	5.4	79.1	86.1	88.7	90.4	91.2	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 2500	5.4	79.4	86.8	89.4	91.2	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 2000	5.4	80.2	88.3	91.2	93.3	94.2	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.1	95.1	95.1
IV 1800	5.4	80.4	88.7	91.6	93.8	94.7	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.6	95.6	95.6
IV 1500	5.4	80.6	89.0	91.9	94.3	95.2	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2
IV 1200	5.4	81.0	89.6	92.7	95.4	96.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6
IV 1000	5.4	81.7	90.2	93.4	96.3	97.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4
IV 900	5.4	81.7	90.3	93.6	96.6	97.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8
IV 800	5.4	81.7	90.3	93.7	96.8	97.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1
IV 700	5.4	81.7	90.4	93.8	96.9	98.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4
IV 600	5.4	81.7	90.4	93.8	97.0	98.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6
IV 500	5.4	81.8	90.6	93.9	97.1	98.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
IV 400	5.4	81.8	90.6	93.9	97.1	98.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV 300	5.4	81.8	90.6	93.9	97.1	98.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV 200	5.4	81.8	90.6	93.9	97.1	98.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV 100	5.4	81.8	90.6	93.9	97.1	98.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
IV 0	5.4	81.8	90.6	93.9	97.1	98.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

137 S

ANDREWS AFB MD

69-70,73-80

JUN

STATION

STATION NAME

YEARS

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	3.3	48.1	52.4	52.9	53.9	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 20000	3.6	57.3	62.8	63.8	65.	65.6	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 18000	3.6	57.7	63.1	64.1	65.6	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 16000	3.6	57.9	63.3	64.3	65.8	66.1	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 14000	3.7	58.6	64.1	65.1	66.7	67.0	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 12000	3.9	60.6	66.3	67.6	69.3	69.7	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 10000	3.9	64.8	71.0	72.6	74.6	75.0	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 9000	3.9	65.7	72.0	73.7	75.7	76.1	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 8000	3.9	67.8	74.3	76.2	78.3	78.8	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 7000	4.0	68.6	75.3	77.2	79.3	79.8	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 6000	4.0	69.1	75.9	77.9	80.0	80.4	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 5000	4.1	70.3	77.6	79.6	82.1	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 4500	4.1	70.4	78.0	80.1	82.7	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4000	4.3	74.4	82.4	84.7	87.4	88.1	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 3500	4.3	75.0	83.1	85.6	88.4	89.2	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 3000	4.3	76.4	84.7	87.3	91.4	91.2	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2500	4.3	76.9	85.3	88.1	91.3	92.1	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 2000	4.3	77.8	86.6	89.4	92.9	94.0	95.1	95.4	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1800	4.3	77.9	86.7	89.6	93.0	94.1	95.2	95.6	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1500	4.3	78.0	86.8	89.9	93.6	94.8	96.0	96.3	96.3	96.4	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1200	4.3	78.2	87.1	90.3	94.1	95.3	96.8	97.1	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1000	4.3	78.6	87.4	90.8	94.6	95.9	97.7	98.1	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 900	4.3	78.6	87.4	90.8	94.7	96.0	97.9	98.3	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	4.3	78.6	87.4	90.8	94.7	96.0	97.9	98.3	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	4.3	78.7	87.6	91.0	95.0	96.4	98.4	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	4.3	78.7	87.6	91.0	95.0	96.4	98.6	99.0	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	4.3	78.7	87.6	91.0	95.2	96.8	98.9	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	4.3	78.7	87.6	91.0	95.2	96.8	98.9	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	4.3	78.7	87.6	91.0	95.2	96.9	99.0	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	4.3	78.7	87.6	91.0	95.2	96.9	99.0	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	4.3	78.7	87.6	91.0	95.2	96.9	99.0	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	4.3	78.7	87.6	91.0	95.2	96.9	99.0	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1375

ANDREWS AFB MD

69-70,73-80

JUN

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	¾	≥0	
NO CEILING	3.3	54.3	56.8	57.8	59.4	59.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 20000	3.7	59.4	63.6	65.6	67.4	67.8	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 18000	3.7	59.8	63.9	65.9	67.8	68.1	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 16000	3.7	59.8	63.9	65.9	67.8	68.1	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 14000	3.7	60.3	64.4	66.4	68.3	68.7	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 12000	3.9	61.9	66.1	68.1	70.1	70.4	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 10000	3.9	67.9	72.2	74.4	77.2	77.6	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 9000	3.9	68.3	72.7	74.9	77.7	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 8000	4.0	69.9	74.3	76.6	79.3	79.7	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 7000	4.0	70.4	74.9	77.1	79.9	80.2	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 6000	4.0	71.4	75.9	78.1	81.0	81.3	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 5000	4.0	70.4	74.9	77.1	79.9	80.2	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 4500	4.2	74.1	79.2	81.8	84.7	85.0	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 4000	4.2	76.4	82.2	85.1	88.2	88.6	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 3500	4.2	76.9	82.7	85.8	89.0	89.3	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 3000	4.2	78.2	84.6	88.0	91.3	91.8	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 2500	4.2	79.0	85.3	88.8	92.1	92.6	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2000	4.4	80.3	86.7	90.1	93.4	94.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1800	4.4	80.3	86.8	90.2	93.6	94.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1500	4.4	80.7	87.2	90.9	94.3	95.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1200	4.4	80.9	87.4	91.2	94.7	95.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1000	4.4	81.1	87.9	91.7	95.1	95.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 900	4.4	81.2	88.0	91.8	95.2	96.0	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 800	4.4	81.4	88.2	92.0	95.4	96.2	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 700	4.4	81.6	88.6	92.3	95.9	96.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 600	4.4	81.8	88.8	92.7	96.3	97.2	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	4.4	81.8	88.8	92.7	96.6	97.4	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	4.4	81.8	88.8	92.7	96.8	97.8	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	4.4	81.8	88.8	92.7	96.8	97.8	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	4.4	81.8	88.8	92.7	96.8	97.8	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	4.4	81.8	88.8	92.7	96.8	97.8	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	4.4	81.8	88.8	92.7	96.8	97.8	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

137 5

ANDREWS AFB MD

69-70,73-80

JUN

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	¾	≥0
NO CEILING	3.8	46.4	50.2	51.8	53.5	57.9	54.3	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6
IV 20000	3.9	52.7	57.5	59.5	61.4	61.8	62.4	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8
IV 18000	3.9	53.0	57.8	59.8	61.8	62.2	62.7	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.2
IV 16000	3.9	53.1	57.9	59.9	61.8	62.3	62.8	63.1	63.1	63.2	63.3	63.3	63.3	63.3	63.3	63.3
IV 14000	3.9	54.1	58.9	61.0	62.9	63.3	63.8	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3
IV 12000	4.0	55.5	60.4	62.6	64.6	65.1	65.6	65.9	65.9	66.0	66.1	66.1	66.1	66.1	66.1	66.1
IV 10000	4.0	60.1	65.4	67.9	70.2	70.7	71.3	71.6	71.7	71.8	71.8	71.8	71.8	71.8	71.9	71.9
IV 9000	4.1	60.5	65.9	68.4	70.8	71.3	71.9	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.5	72.5
IV 8000	4.1	63.3	69.0	71.7	74.1	74.6	75.3	75.7	75.7	75.8	75.9	75.9	75.9	75.9	76.0	76.0
IV 7000	4.2	64.0	69.7	72.5	74.9	75.4	76.2	76.5	76.6	76.7	76.8	76.8	76.8	76.8	76.8	76.8
IV 6000	4.2	64.8	70.5	73.3	75.8	76.3	77.1	77.4	77.5	77.6	77.7	77.7	77.7	77.7	77.8	77.8
IV 5000	4.3	66.4	72.4	75.3	77.8	78.3	79.1	79.5	79.6	79.7	79.8	79.8	79.8	79.8	79.8	79.8
IV 4500	4.3	67.0	73.1	76.0	78.6	79.2	80.0	80.4	80.5	80.6	80.7	80.7	80.7	80.7	80.7	80.7
IV 4000	4.4	69.9	76.4	79.6	82.5	83.1	84.1	84.5	84.6	84.7	84.8	84.8	84.8	84.8	84.9	84.9
IV 3500	4.4	70.5	77.2	80.5	83.5	84.2	85.2	85.7	85.7	85.9	86.0	86.0	86.0	86.0	86.0	86.0
IV 3000	4.4	72.5	79.3	82.8	86.1	86.8	87.9	88.4	88.4	88.6	88.7	88.7	88.7	88.7	88.8	88.8
IV 2500	4.4	73.0	79.9	83.5	86.9	87.6	88.7	89.2	89.2	89.4	89.5	89.5	89.5	89.5	89.6	89.6
IV 2000	4.4	74.0	81.2	85.0	88.5	89.4	90.6	91.1	91.2	91.3	91.4	91.5	91.5	91.5	91.6	91.6
IV 1800	4.4	74.2	81.5	85.3	88.8	89.7	90.8	91.4	91.4	91.6	91.7	91.7	91.8	91.8	91.8	91.8
IV 1500	4.5	74.8	82.2	86.1	89.8	90.7	91.9	92.4	92.5	92.7	92.8	92.8	92.8	92.8	92.9	92.9
IV 1200	4.5	75.5	83.1	87.2	91.0	92.0	93.3	93.9	94.0	94.1	94.2	94.2	94.3	94.3	94.3	94.4
IV 1000	4.5	76.0	83.8	88.1	92.2	93.3	94.7	95.3	95.4	95.6	95.7	95.7	95.7	95.7	95.8	95.8
IV 900	4.5	76.1	83.9	88.3	92.4	93.5	95.0	95.7	95.8	95.9	96.1	96.1	96.1	96.1	96.2	96.2
IV 800	4.5	76.1	84.1	88.5	92.8	94.0	95.5	96.3	96.4	96.6	96.7	96.7	96.7	96.7	96.8	96.8
IV 700	4.5	76.3	84.3	88.7	93.2	94.4	96.1	96.8	97.0	97.1	97.3	97.3	97.3	97.3	97.4	97.4
IV 600	4.5	76.3	84.3	88.8	93.3	94.7	96.4	97.2	97.3	97.5	97.7	97.7	97.7	97.7	97.8	97.8
IV 500	4.5	76.4	84.5	89.1	93.7	95.1	97.0	97.9	98.1	98.3	98.4	98.4	98.4	98.4	98.5	98.5
IV 400	4.5	76.4	84.6	89.2	93.9	95.4	97.4	98.5	98.6	98.8	99.0	99.0	99.0	99.0	99.1	99.1
IV 300	4.5	76.4	84.6	89.2	93.9	95.4	97.6	98.6	98.8	99.0	99.2	99.2	99.2	99.2	99.3	99.3
IV 200	4.5	76.4	84.6	89.2	93.9	95.4	97.6	98.7	98.9	99.2	99.4	99.4	99.4	99.5	99.6	99.6
IV 100	4.5	76.4	84.6	89.2	93.9	95.4	97.6	98.7	98.9	99.2	99.4	99.4	99.6	99.6	99.7	99.8
IV 0	4.5	76.4	84.6	89.2	93.9	95.4	97.6	98.7	98.9	99.2	99.4	99.4	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1375

ANDREWS AFB MD

69-70,73-80

JUL

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	3.1	44.9	50.9	55.4	57.3	58.4	59.2	59.5	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.8	59.8
≥ 20000	3.3	49.8	56.3	62.2	64.6	65.8	66.9	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.4	67.4
≥ 18000	3.3	49.9	56.5	62.3	64.7	65.9	67.0	67.2	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.5	67.5
≥ 16000	3.3	50.0	56.6	62.4	64.8	66.0	67.1	67.3	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.6	67.6
≥ 14000	3.3	51.3	57.8	63.7	66.5	67.6	68.8	69.0	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.4	69.4
≥ 12000	3.3	51.9	58.8	64.6	67.4	68.6	69.8	70.0	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.4	70.4
≥ 10000	3.3	56.1	64.4	70.8	74.1	75.4	76.9	77.1	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.5	77.5
≥ 9500	3.3	56.5	64.8	71.2	74.6	75.9	77.5	77.7	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.2	78.2
≥ 8000	3.3	58.8	67.3	73.9	77.5	78.8	80.4	80.6	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1
≥ 7000	3.3	59.4	67.8	74.5	78.2	79.5	81.2	81.4	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.8	81.8
≥ 6000	3.3	59.8	68.4	75.2	78.8	80.1	81.9	82.2	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.6	82.6
≥ 5000	3.3	61.3	70.0	77.4	81.2	82.5	84.5	84.7	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.2
≥ 4500	3.3	61.8	70.5	78.1	81.9	83.3	85.4	85.6	85.7	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.0
≥ 4000	3.3	63.5	72.5	80.4	84.3	86.0	88.1	88.3	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.7	88.7
≥ 3500	3.3	64.4	73.4	81.4	85.3	87.0	89.0	89.2	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.7	89.7
≥ 3000	3.3	65.1	75.1	83.3	87.2	89.0	91.2	91.4	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.9	91.9
≥ 2500	3.3	65.6	75.6	84.2	88.3	90.1	92.3	92.5	92.7	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.0
≥ 2000	3.3	65.7	75.8	85.2	89.7	91.5	93.8	94.0	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.7	94.7
≥ 1800	3.3	65.7	75.8	85.2	89.7	91.5	93.8	94.0	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.7	94.7
≥ 1500	3.3	66.0	76.1	86.0	90.5	92.4	94.7	94.9	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.7
≥ 1200	3.3	66.3	76.5	86.3	90.9	92.7	95.1	95.5	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2
≥ 1000	3.3	66.6	76.7	86.6	91.2	93.0	95.5	95.9	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7
≥ 900	3.3	66.6	76.7	86.6	91.2	93.0	95.5	95.9	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7
≥ 800	3.3	66.6	76.7	86.6	91.2	93.0	95.7	96.1	96.3	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9
≥ 700	3.3	66.6	76.7	86.6	91.3	93.2	95.9	96.3	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1
≥ 600	3.3	66.7	76.8	86.7	91.5	93.4	96.1	96.6	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3
≥ 500	3.3	66.9	77.0	86.9	91.9	93.9	96.7	97.2	97.5	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1
≥ 400	3.3	67.0	77.2	87.1	92.4	94.4	97.3	98.0	98.5	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0
≥ 300	3.3	67.0	77.2	87.1	92.4	94.4	97.4	98.2	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2
≥ 200	3.3	67.0	77.2	87.1	92.4	94.4	97.4	98.2	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5
≥ 100	3.3	67.0	77.2	87.1	92.4	94.4	97.4	98.3	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7
≥ 0	3.3	67.0	77.2	87.1	92.4	94.4	97.4	98.3	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 93



GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1375

ANDREWS AFB MD

69-70,73-80

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

0300-0500  
HOURS (L.M.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	2.7	35.8	41.1	44.8	48.9	50.0	51.9	53.0	53.2	53.7	53.7	53.7	53.7	53.7	53.8	53.8
≥ 20000	2.2	39.8	46.2	50.9	56.0	57.2	59.2	60.5	60.8	61.4	61.4	61.4	61.4	61.4	61.5	61.5
IV 18000	2.2	40.1	46.6	51.2	56.3	57.5	59.6	60.9	61.1	61.7	61.7	61.7	61.7	61.7	61.8	61.8
IV 16000	2.2	40.1	46.6	51.2	56.3	57.5	59.6	60.9	61.1	61.7	61.7	61.7	61.7	61.7	61.8	61.8
IV 14000	2.2	40.8	47.4	52.4	57.6	58.8	61.0	62.3	62.5	63.1	63.1	63.1	63.1	63.1	63.2	63.2
IV 12000	2.2	41.5	48.3	53.2	58.6	59.8	61.9	63.2	63.4	64.1	64.1	64.1	64.1	64.1	64.2	64.2
IV 10000	2.2	44.4	53.2	59.0	64.9	66.3	68.9	70.5	70.8	71.5	71.6	71.6	71.6	71.6	71.7	71.7
IV 9000	2.2	44.8	53.8	59.6	65.5	66.9	69.6	71.3	71.5	72.3	72.4	72.4	72.4	72.4	72.5	72.5
IV 8000	2.2	47.1	56.5	62.6	68.8	70.3	73.1	75.1	75.3	76.1	76.2	76.2	76.2	76.2	76.3	76.3
IV 7000	2.3	48.5	58.2	64.4	70.6	72.3	75.4	77.3	77.5	78.4	78.5	78.5	78.5	78.5	78.6	78.6
IV 6000	2.3	49.0	58.8	65.2	71.6	73.2	76.5	78.4	78.6	79.5	79.6	79.6	79.6	79.6	79.7	79.7
IV 5000	2.4	50.2	60.1	66.9	73.5	75.2	78.5	80.5	80.8	81.6	81.7	81.7	81.7	81.7	81.8	81.8
IV 4500	2.4	51.0	60.9	67.7	74.5	76.1	79.6	81.6	81.8	82.7	82.8	82.8	82.8	82.8	82.9	82.9
IV 4000	2.4	52.3	62.4	69.6	76.3	78.1	81.7	83.8	84.0	84.8	84.9	84.9	85.1	85.1	85.2	85.2
IV 3500	2.4	53.1	63.2	70.4	77.2	78.9	82.6	84.6	84.8	85.7	85.8	85.8	85.9	85.9	86.0	86.0
IV 3000	2.4	53.5	63.7	71.3	78.2	79.9	83.7	85.7	85.9	86.8	86.9	86.9	87.0	87.0	87.1	87.1
IV 2500	2.4	54.0	64.2	71.8	78.7	80.4	84.2	86.2	86.5	87.3	87.4	87.4	87.5	87.5	87.6	87.6
IV 2000	2.4	54.1	64.5	72.7	79.7	81.4	85.3	87.4	87.7	88.6	88.7	88.7	88.8	88.8	88.9	88.9
IV 1800	2.4	54.1	64.5	72.7	79.8	81.5	85.4	87.5	87.8	88.7	88.8	88.8	88.9	88.9	89.0	89.0
IV 1500	2.4	54.3	64.8	73.4	80.8	82.7	86.9	89.0	89.4	90.2	90.3	90.3	90.4	90.4	90.5	90.5
IV 1200	2.4	54.9	65.7	74.3	81.7	83.8	88.2	90.4	90.8	91.6	91.7	91.7	91.8	91.8	91.9	91.9
IV 1000	2.4	55.6	66.3	74.9	82.5	84.9	89.5	91.7	92.0	92.9	93.0	93.0	93.1	93.1	93.2	93.2
IV 900	2.4	55.6	66.5	75.1	82.7	85.2	89.7	91.9	92.3	93.1	93.2	93.2	93.3	93.3	93.4	93.4
IV 800	2.4	55.7	66.7	75.3	82.9	85.5	90.2	92.6	92.9	93.8	93.9	93.9	94.0	94.0	94.1	94.1
IV 700	2.4	55.7	66.7	75.3	83.0	85.6	90.3	92.8	93.1	94.0	94.1	94.1	94.2	94.2	94.3	94.3
IV 600	2.4	55.7	66.8	75.6	83.3	85.9	90.9	93.4	93.8	94.6	94.7	94.7	94.8	94.8	94.9	94.9
IV 500	2.4	55.7	66.9	75.8	83.7	86.3	91.5	94.4	94.7	95.6	95.7	95.7	95.8	95.8	95.9	95.9
IV 400	2.4	55.7	66.9	75.8	83.7	86.3	91.9	95.3	95.6	96.5	96.6	96.6	96.7	96.7	96.8	96.8
IV 300	2.4	55.7	66.9	75.9	83.9	86.6	92.2	95.7	96.2	97.2	97.4	97.5	97.6	97.6	97.7	97.7
IV 200	2.4	55.7	66.9	75.9	83.9	86.6	92.2	95.9	96.5	97.5	98.1	98.2	98.5	98.5	98.6	98.6
IV 100	2.4	55.7	66.9	75.9	83.9	86.6	92.2	96.2	96.8	98.0	98.5	98.7	99.0	99.0	99.5	99.7
IV 0	2.4	55.7	66.9	75.9	83.9	86.6	92.2	96.2	96.8	98.0	98.5	98.7	99.0	99.0	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS

935

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1375

ANDREWS AFB MD

69-70,73-80

JUL

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	≥¼	≥0
NO CEILING	3.1	31.7	37.2	41.1	46.0	48.1	51.0	52.2	52.5	52.7	52.9	52.9	53.0	53.0	53.0	53.1
≥ 20000	3.1	34.1	41.2	45.9	51.5	53.7	57.7	59.2	59.6	59.9	60.1	60.1	60.2	60.3	60.3	60.4
≥ 18000	3.1	34.1	41.2	45.9	51.5	53.7	57.7	59.2	59.6	59.9	60.1	60.1	60.2	60.3	60.3	60.4
≥ 16000	3.1	34.1	41.2	45.9	51.5	53.8	57.8	59.4	59.7	60.0	60.2	60.2	60.3	60.4	60.4	60.5
≥ 14000	3.1	35.4	42.9	47.7	53.5	56.0	60.1	61.7	62.0	62.4	62.6	62.6	62.7	62.8	62.8	62.9
≥ 12000	3.1	36.7	44.3	49.4	55.5	58.0	62.2	63.9	64.2	64.5	64.7	64.7	64.8	64.9	64.9	65.1
≥ 10000	3.1	40.3	49.2	54.4	60.6	63.4	68.2	69.9	70.2	70.5	70.8	70.8	70.9	71.0	71.1	71.2
≥ 9000	3.1	41.0	49.9	55.1	61.3	64.1	68.9	70.8	71.1	71.4	71.6	71.6	71.7	71.8	71.9	72.0
≥ 8000	3.1	42.9	52.2	58.3	64.9	68.0	73.7	75.7	76.0	76.3	76.6	76.6	76.7	76.8	76.9	77.0
≥ 7000	3.1	43.8	53.2	59.4	66.0	69.1	75.1	77.1	77.6	78.0	78.2	78.2	78.4	78.5	78.6	78.7
≥ 6000	3.1	44.2	53.8	59.9	66.6	69.7	75.6	77.6	78.2	78.5	78.7	78.7	78.9	79.0	79.1	79.2
≥ 5000	3.2	45.4	55.3	61.5	68.4	72.0	78.4	80.6	81.2	81.5	81.7	81.7	81.9	82.0	82.2	82.3
≥ 4500	3.2	45.6	55.5	61.8	68.7	72.4	78.7	81.0	81.5	81.8	82.0	82.0	82.3	82.4	82.5	82.6
≥ 4000	3.2	46.1	56.0	62.5	69.7	73.3	79.8	82.2	82.9	83.2	83.4	83.4	83.7	83.8	83.9	84.0
≥ 3500	3.2	46.7	56.7	63.2	70.4	74.1	80.5	82.9	83.7	84.0	84.2	84.2	84.4	84.5	84.6	84.7
≥ 3000	3.2	46.9	56.9	63.8	71.4	75.1	81.6	84.1	84.8	85.2	85.4	85.4	85.6	85.7	85.8	85.9
≥ 2500	3.2	46.9	56.9	64.0	71.9	75.6	82.4	84.8	85.6	85.9	86.1	86.1	86.3	86.5	86.6	86.7
≥ 2000	3.2	47.0	57.1	64.2	72.3	76.1	83.2	85.9	86.7	87.1	87.3	87.3	87.5	87.6	87.7	87.8
≥ 1800	3.2	47.0	57.1	64.2	72.3	76.1	83.2	85.9	86.7	87.1	87.3	87.3	87.5	87.6	87.7	87.8
≥ 1500	3.2	47.2	57.3	64.4	72.7	76.6	83.9	86.6	87.3	87.7	88.0	88.0	88.2	88.3	88.4	88.5
≥ 1200	3.2	47.5	58.0	65.3	73.7	77.5	84.9	87.6	88.4	88.8	89.0	89.0	89.2	89.4	89.5	89.6
≥ 1000	3.2	48.0	58.5	66.3	74.9	78.8	86.3	89.0	89.8	90.2	90.4	90.4	90.6	90.8	90.9	91.0
≥ 900	3.2	48.1	58.6	66.6	75.4	79.4	87.1	89.8	90.5	91.0	91.2	91.2	91.4	91.5	91.6	91.7
≥ 800	3.2	48.5	59.0	67.3	76.2	80.5	88.6	91.3	92.0	92.5	92.7	92.7	92.9	93.0	93.1	93.2
≥ 700	3.2	48.7	59.2	67.5	76.6	81.1	89.4	92.2	92.9	93.4	93.8	93.8	94.0	94.1	94.2	94.3
≥ 600	3.2	48.7	59.4	67.7	77.0	81.5	90.0	92.8	93.5	94.2	94.5	94.5	94.7	94.8	94.9	95.1
≥ 500	3.2	48.7	59.5	68.0	77.6	82.6	91.6	94.5	95.3	95.9	96.2	96.2	96.5	96.6	96.7	96.8
≥ 400	3.2	48.7	59.5	68.0	77.6	82.6	91.8	95.3	96.0	97.0	97.3	97.3	97.5	97.6	97.7	97.8
≥ 300	3.2	48.7	59.5	68.0	77.6	82.6	92.2	95.8	96.7	97.8	98.2	98.2	98.4	98.5	98.6	98.8
≥ 200	3.2	48.7	59.5	68.0	77.6	82.6	92.2	95.9	96.8	98.1	98.4	98.4	98.6	98.7	98.9	99.4
≥ 100	3.2	48.7	59.5	68.0	77.6	82.6	92.2	95.9	96.8	98.1	98.4	98.4	98.6	98.9	99.2	100.0
≥ 0	3.2	48.7	59.5	68.0	77.6	82.6	92.2	95.9	96.8	98.1	98.4	98.4	98.6	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

137 5

ANDREWS AFB MD

69-70, 73-80

JUL

STATION

STATION NAME

YEARS

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	≥5/16	¾	≥0
NO CEILING	5.1	43.3	48.9	53.5	55.9	56.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 20000	5.2	48.0	54.7	60.2	63.2	64.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
IV 18000	5.2	48.1	54.8	60.3	63.3	64.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
IV 16000	5.2	48.3	55.2	60.6	63.7	64.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
IV 14000	5.2	48.8	55.7	61.2	64.2	65.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
IV 12000	5.2	50.0	57.4	63.1	66.3	67.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
IV 10000	5.2	51.9	60.5	66.9	70.5	72.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
IV 9000	5.2	52.3	60.9	67.2	70.9	72.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
IV 8000	5.2	53.8	62.8	69.7	73.8	75.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IV 7000	5.2	54.2	63.4	70.3	74.6	76.6	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IV 6000	5.3	54.6	64.0	70.9	75.2	77.2	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 5000	5.3	55.8	65.2	72.3	76.8	78.8	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
IV 4500	5.3	55.9	65.3	72.4	76.9	78.9	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
IV 4000	5.3	57.1	66.7	74.2	78.7	80.8	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 3500	5.3	57.4	67.0	74.6	79.2	81.3	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 3000	5.3	58.5	68.5	77.1	82.4	84.5	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 2500	5.3	59.1	69.5	78.1	83.3	85.5	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 2000	5.3	59.8	70.3	79.2	84.6	86.9	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 1800	5.3	61.0	70.5	79.5	84.9	87.2	89.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 1500	5.3	61.2	71.1	80.3	86.2	88.4	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 1200	5.3	61.0	71.8	81.1	87.5	89.9	92.4	92.8	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0
IV 1000	5.3	61.5	72.7	82.4	89.6	92.3	94.9	95.5	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7
IV 900	5.3	61.6	72.8	82.7	90.1	92.9	95.9	96.6	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8
IV 800	5.3	61.9	73.1	83.2	91.1	93.9	97.0	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8
IV 700	5.3	61.9	73.2	83.4	91.5	94.4	97.7	98.4	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7
IV 600	5.3	62.2	73.4	83.8	92.0	94.9	98.3	99.0	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4
IV 500	5.3	62.2	73.4	83.9	92.2	95.4	98.7	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	5.3	62.2	73.4	83.9	92.2	95.4	98.9	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	5.3	62.2	73.4	83.9	92.2	95.4	98.9	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	5.3	62.2	73.4	83.9	92.2	95.4	98.9	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	5.3	62.2	73.4	83.9	92.2	95.4	98.9	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	5.3	62.2	73.4	83.9	92.2	95.4	98.9	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1775  
STATION

ANDREWS AFB MD  
STATION NAME

69-70,73-80  
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	¾	¾	≥5/16	¾	≥0
NO CEILING	5.2	42.7	45.9	48.1	50.6	51.5	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 20000	5.2	49.2	53.5	56.5	59.6	60.9	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
IV 18000	5.4	49.6	53.9	56.8	59.9	61.2	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
IV 16000	5.4	49.7	54.1	56.9	60.0	61.3	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
IV 14000	5.4	51.8	55.1	58.1	61.2	62.6	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 12000	5.4	52.3	56.7	59.7	62.9	64.3	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
IV 10000	5.4	55.3	60.0	63.4	66.9	68.3	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
IV 9000	5.4	55.8	60.6	64.1	67.6	69.0	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
IV 8000	5.4	57.8	63.8	67.5	71.5	73.0	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
IV 7000	5.4	58.0	63.9	67.6	71.7	73.2	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
IV 6000	5.4	58.1	64.1	68.1	72.2	73.7	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
IV 5000	5.4	59.0	65.1	69.2	73.5	75.1	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
IV 4500	5.4	59.5	65.6	70.4	74.7	76.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 4000	5.4	62.5	69.4	74.9	79.9	81.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 3500	5.4	63.7	71.6	76.3	81.4	83.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 3000	5.4	66.8	75.8	82.7	88.4	90.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 2500	5.4	67.3	76.9	83.9	89.8	91.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 2000	5.4	68.1	78.1	85.2	91.4	93.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 1800	5.4	68.1	78.1	85.3	91.5	93.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 1500	5.4	69.0	79.1	86.8	93.1	95.5	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 1200	5.4	69.4	79.7	87.4	94.0	96.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 1000	5.4	69.6	79.9	87.6	94.4	96.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 900	5.4	69.6	79.9	87.6	94.4	96.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 800	5.4	69.6	80.0	87.7	94.5	97.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 700	5.4	69.6	81.0	87.8	94.7	97.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 600	5.4	69.6	81.0	87.8	94.7	97.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 500	5.4	69.6	81.0	87.8	94.8	97.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	5.4	69.6	81.0	87.8	94.8	97.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	5.4	69.6	80.0	87.8	94.8	97.3	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	5.4	69.6	80.0	87.8	94.8	97.3	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	5.4	69.6	80.0	87.8	94.8	97.3	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	5.4	69.6	80.0	87.8	94.8	97.3	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 US AFETAC  
 AF WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1775

ANDREWS AFB MD

69-70, 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	¾	¾	≥5/16	¾	≥0
NO CEILING	4.3	42.7	46.3	49.5	51.4	52.4	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 20000	5.3	49.4	54.2	58.6	61.2	62.5	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 18000	5.3	49.6	54.4	58.8	61.4	62.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 16000	5.3	49.7	54.5	58.9	61.5	62.8	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 14000	5.3	50.2	55.1	59.6	62.4	63.7	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 12000	5.3	52.2	57.3	61.8	64.6	65.9	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 10000	5.3	54.8	60.9	65.9	69.1	70.6	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 9000	5.3	55.4	61.5	66.7	69.9	71.4	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 8000	5.3	57.4	64.5	69.7	73.4	74.9	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 7000	5.3	57.6	64.7	69.9	73.8	75.3	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 6000	5.3	57.8	64.9	70.1	74.2	75.7	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 5000	5.3	59.0	66.3	71.7	76.0	77.5	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 4500	5.3	59.9	67.2	72.8	77.2	78.7	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 4000	5.6	63.5	71.3	77.2	82.2	83.7	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 3500	5.6	64.8	72.9	79.0	84.3	85.8	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 3000	5.6	67.4	76.1	83.2	89.0	90.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 2500	5.6	67.7	76.6	84.2	90.3	92.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 2000	5.6	68.3	77.4	84.8	91.6	93.3	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1800	5.6	68.4	77.5	84.9	91.8	93.5	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1500	5.6	68.8	78.0	85.4	92.3	94.3	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1200	5.6	69.4	79.0	86.5	93.3	95.4	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1000	5.6	69.6	79.2	86.7	93.5	95.6	97.5	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 900	5.6	69.9	79.6	87.0	93.9	95.9	97.8	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	5.6	69.9	79.6	87.0	94.1	96.1	98.2	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	5.6	69.9	79.6	87.0	94.1	96.1	98.2	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	5.6	69.9	79.6	87.0	94.1	96.1	98.2	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	5.6	69.9	79.6	87.0	94.2	96.2	98.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	5.6	69.9	79.6	87.0	94.2	96.2	98.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	5.6	69.9	79.6	87.0	94.2	96.2	98.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	5.6	69.9	79.6	87.0	94.2	96.2	98.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	5.6	69.9	79.6	87.0	94.2	96.2	98.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	5.6	69.9	79.6	87.0	94.2	96.2	98.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1775

ANDREWS AFB MD

69-70,73-80

JUL

STATION

STATION NAME

YEARS

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	≥5/16	≥¼	≥0
NO CEILING	4.1	41.1	45.1	48.7	50.6	51.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 20000	4.6	48.5	54.6	59.4	62.3	63.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
IV 18000	4.6	48.7	54.8	59.7	62.6	63.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
IV 16000	4.6	49.3	55.2	60.0	62.9	63.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IV 14000	4.6	49.2	55.6	60.4	63.4	64.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
IV 12000	4.6	51.3	58.4	63.2	66.2	67.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
IV 10000	4.6	54.9	62.8	68.3	71.6	73.0	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
IV 9000	4.6	55.6	63.7	69.1	72.5	73.9	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
IV 8000	4.6	58.2	66.7	72.4	76.5	78.1	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
IV 7000	4.6	58.4	67.0	72.7	76.8	78.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
IV 6000	4.6	59.9	67.5	73.3	77.4	79.0	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 5000	4.6	59.8	68.8	74.7	79.1	81.0	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 4500	4.6	60.1	69.5	75.6	80.1	82.0	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IV 4000	4.6	62.2	72.5	79.1	84.4	86.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 3500	4.6	62.9	73.3	80.2	85.5	87.7	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 3000	4.8	64.1	75.1	82.8	88.8	91.2	93.3	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 2500	4.8	64.1	75.4	83.3	89.8	92.4	94.6	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 2000	4.8	64.4	75.7	83.8	90.4	93.1	95.7	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 1800	4.8	64.4	76.0	84.1	90.8	93.4	96.0	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 1500	4.8	64.5	76.2	84.4	91.1	94.0	96.9	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 1200	4.8	64.9	76.9	85.1	91.7	94.6	97.5	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1000	4.8	64.9	76.9	85.2	91.9	94.8	98.0	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 900	4.8	65.1	77.0	85.3	92.0	94.9	98.1	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 800	4.8	65.1	77.0	85.3	92.0	94.9	98.2	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 700	4.8	65.1	77.0	85.3	92.0	94.9	98.2	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 600	4.8	65.1	77.0	85.3	92.0	94.9	98.3	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 500	4.8	65.1	77.1	85.4	92.2	95.1	98.4	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	4.8	65.2	77.2	85.6	92.4	95.3	98.6	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	4.8	65.2	77.2	85.6	92.4	95.3	98.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	4.8	65.2	77.2	85.6	92.4	95.3	98.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	4.8	65.2	77.2	85.6	92.4	95.3	98.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	4.8	65.2	77.2	85.6	92.4	95.3	98.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12715  
 STATION

ANDREWS AFB MD  
 STATION NAME

69-70,73-80  
 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	¾	¾	≥5/16	¾	≥0
NO CEILING	3.8	44.1	50.3	54.1	55.8	56.8	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 20000	3.8	48.7	55.8	61.7	64.2	65.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 18000	3.8	48.8	55.9	61.8	64.3	65.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 16000	3.8	49.1	56.1	62.0	64.5	65.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 14000	3.8	49.2	56.5	62.4	64.8	65.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 12000	3.8	50.9	58.8	64.7	67.2	68.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 10000	3.8	55.4	64.4	71.3	74.6	75.8	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 9000	3.8	55.9	65.2	72.0	75.4	76.6	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 8000	3.8	57.4	67.1	74.2	77.8	79.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 7000	3.8	57.8	67.5	74.6	78.3	79.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 6000	3.8	59.2	69.0	76.3	80.2	81.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 5000	3.8	61.1	70.9	78.7	82.9	84.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 4500	3.8	61.7	71.6	79.9	84.1	85.3	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 4000	3.8	63.0	74.3	83.4	88.0	89.1	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 3500	3.8	63.4	74.8	84.3	88.9	90.1	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 3000	3.8	63.8	75.5	85.5	90.8	91.9	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 2500	3.8	64.1	75.9	86.1	91.5	92.7	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2000	3.8	65.2	77.1	87.4	92.9	94.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1800	3.8	65.2	77.1	87.4	92.9	94.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1500	3.8	65.2	77.1	87.4	92.9	94.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	3.8	65.5	77.4	88.0	93.5	94.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1000	3.8	65.6	77.5	88.3	94.0	95.3	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 900	3.8	65.6	77.5	88.3	94.0	95.3	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 800	3.8	65.6	77.5	88.3	94.0	95.3	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 700	3.8	65.6	77.5	88.3	94.0	95.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 600	3.8	65.6	77.5	88.3	94.0	95.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 500	3.8	65.6	77.5	88.4	94.2	95.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 400	3.8	65.7	77.6	88.5	94.3	95.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	3.8	65.8	77.7	88.6	94.4	95.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 200	3.8	65.8	77.7	88.6	94.4	95.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 100	3.8	65.8	77.7	88.6	94.4	95.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 0	3.8	65.8	77.7	88.6	94.4	95.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

137 5

ANDREWS AFB MD

69-70,73-80

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	¾	¾	≥0
NO CEILING	3.9	40.8	45.7	49.4	52.1	53.2	54.4	54.7	54.8	54.9	54.9	54.9	55.0	55.0	55.0	55.0
≥ 20000	4.1	45.9	52.1	56.9	60.3	61.6	63.1	63.5	63.6	63.7	63.8	63.8	63.8	63.8	63.8	63.8
IV ≥ 18000	4.1	46.1	52.3	57.1	60.5	61.8	63.3	63.7	63.8	63.9	63.9	63.9	64.0	64.0	64.0	64.0
IV ≥ 16000	4.1	46.2	52.4	57.2	60.7	61.9	63.5	63.9	63.9	64.1	64.1	64.1	64.1	64.1	64.2	64.2
IV ≥ 14000	4.1	47.0	53.3	58.2	61.7	63.0	64.6	65.0	65.1	65.2	65.2	65.2	65.3	65.3	65.3	65.3
IV ≥ 12000	4.1	48.3	55.0	60.0	63.6	65.0	66.5	66.9	67.0	67.2	67.2	67.2	67.3	67.3	67.3	67.3
IV ≥ 10000	4.1	51.7	59.4	65.0	69.1	70.6	72.5	72.9	73.0	73.2	73.2	73.2	73.2	73.2	73.3	73.3
IV ≥ 9000	4.1	52.2	60.0	65.6	69.7	71.3	73.2	73.7	73.8	73.9	74.0	74.0	74.0	74.0	74.0	74.0
IV ≥ 8000	4.1	54.2	62.6	68.5	73.0	74.7	76.8	77.3	77.4	77.6	77.6	77.6	77.6	77.6	77.7	77.7
IV ≥ 7000	4.1	54.7	63.2	69.2	73.8	75.5	77.6	78.2	78.3	78.5	78.5	78.5	78.5	78.5	78.6	78.6
IV ≥ 6000	4.1	55.2	63.8	69.9	74.5	76.3	78.5	79.0	79.1	79.3	79.3	79.3	79.4	79.4	79.4	79.4
IV ≥ 5000	4.2	56.5	65.2	71.6	76.4	78.3	80.6	81.2	81.3	81.5	81.5	81.5	81.6	81.6	81.6	81.6
IV ≥ 4500	4.2	56.9	65.8	72.3	77.3	79.1	81.5	82.1	82.2	82.4	82.4	82.4	82.5	82.5	82.5	82.5
IV ≥ 4000	4.2	58.8	68.1	75.2	80.4	82.4	84.9	85.5	85.6	85.8	85.9	85.9	85.9	85.9	86.0	86.0
IV ≥ 3500	4.2	59.6	69.0	76.2	81.5	83.5	86.0	86.6	86.8	86.9	87.0	87.0	87.0	87.0	87.1	87.1
IV ≥ 3000	4.2	60.7	70.8	78.7	84.5	86.5	89.2	89.8	89.8	90.0	90.2	90.2	90.3	90.3	90.3	90.3
IV ≥ 2500	4.2	61.1	71.4	79.4	85.5	87.5	90.3	90.9	91.1	91.3	91.3	91.3	91.4	91.4	91.4	91.4
IV ≥ 2000	4.2	61.5	72.1	80.3	86.6	88.8	91.7	92.4	92.6	92.9	92.9	92.9	92.9	93.0	93.0	93.0
IV ≥ 1800	4.2	61.6	72.1	80.4	86.7	88.9	91.8	92.6	92.8	93.0	93.0	93.0	93.1	93.1	93.1	93.1
IV ≥ 1500	4.2	61.9	72.5	81.0	87.4	89.7	92.8	93.6	93.8	94.1	94.1	94.1	94.2	94.2	94.2	94.2
IV ≥ 1200	4.2	62.4	73.1	81.7	88.3	90.6	93.9	94.7	94.9	95.2	95.2	95.2	95.3	95.3	95.3	95.3
IV ≥ 1000	4.2	62.7	73.5	82.2	89.0	91.4	94.8	95.8	96.0	96.3	96.3	96.3	96.3	96.4	96.4	96.4
IV ≥ 900	4.2	62.7	73.6	82.4	89.2	91.7	95.1	96.1	96.3	96.6	96.6	96.6	96.6	96.7	96.7	96.7
IV ≥ 800	4.2	62.8	73.7	82.6	89.5	92.0	95.6	96.6	96.8	97.1	97.2	97.2	97.2	97.2	97.3	97.3
IV ≥ 700	4.2	62.9	73.7	82.6	89.7	92.2	95.9	96.9	97.2	97.5	97.5	97.5	97.5	97.6	97.6	97.6
IV ≥ 600	4.2	62.9	73.8	82.8	89.8	92.4	96.2	97.2	97.5	97.8	97.8	97.8	97.8	97.9	97.9	97.9
IV ≥ 500	4.2	62.9	73.9	82.9	90.1	92.8	96.7	97.8	98.1	98.4	98.5	98.5	98.5	98.5	98.6	98.6
IV ≥ 400	4.2	63.0	73.9	83.0	90.2	92.9	96.9	98.2	98.5	98.9	99.0	99.0	99.0	99.0	99.1	99.1
IV ≥ 300	4.2	63.0	73.9	83.0	90.2	92.9	97.1	98.5	98.8	99.2	99.3	99.3	99.3	99.4	99.4	99.4
IV ≥ 200	4.2	63.0	73.9	83.0	90.2	92.9	97.1	98.5	98.8	99.3	99.5	99.5	99.5	99.6	99.6	99.7
IV ≥ 100	4.2	63.0	73.9	83.0	90.2	92.9	97.1	98.6	98.9	99.4	99.5	99.5	99.6	99.7	99.7	99.8
IV ≥ 0	4.2	63.0	73.9	83.0	90.2	92.9	97.1	98.6	98.9	99.4	99.5	99.6	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 744



GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

17705

ANDREWS AFB MD

69-70,73-80

AUG

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	≥5/16	¼	≥0
NO CEILING	5.5	45.1	51.3	57.6	60.9	61.0	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 20000	5.5	48.5	55.9	62.6	66.1	66.3	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
IV 18000	5.5	48.5	55.9	62.6	66.1	66.3	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
IV 16000	5.5	48.5	55.9	62.6	66.1	66.3	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
IV 14000	5.5	49.1	56.6	63.3	66.9	67.1	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
IV 12000	5.5	50.9	58.6	65.5	69.4	69.6	70.6	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
IV 10000	5.5	54.9	64.4	72.4	76.2	76.5	77.5	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IV 9000	5.5	55.2	64.6	72.7	76.6	76.8	77.8	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IV 8000	5.5	57.8	67.6	75.8	79.8	80.1	81.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 7000	5.5	58.6	68.6	76.8	80.8	81.1	82.2	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 6000	5.5	59.4	69.4	77.6	81.9	82.3	83.3	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IV 5000	5.5	60.3	70.5	78.8	83.5	84.1	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 4500	5.5	61.9	71.1	79.4	84.1	84.6	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 4000	5.5	62.4	73.2	81.9	87.0	87.5	88.8	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 3500	5.5	63.1	74.2	83.0	88.2	88.7	90.0	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 3000	5.5	63.5	74.7	83.5	89.0	89.6	91.9	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 2500	5.5	63.8	75.1	84.0	89.5	90.0	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 2000	5.5	63.9	75.2	84.1	89.8	90.4	91.9	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 1800	5.5	63.9	75.2	84.1	89.9	90.5	92.0	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 1500	5.5	64.3	75.6	84.5	90.4	91.1	92.6	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 1200	5.5	64.9	76.5	85.4	91.3	92.0	93.5	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 1000	5.5	65.6	77.1	86.3	92.3	93.2	94.8	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 900	5.5	65.6	77.1	86.3	92.3	93.4	95.1	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 800	5.5	65.8	77.4	86.7	92.7	94.0	95.6	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 700	5.5	66.0	77.7	87.0	93.0	94.3	96.1	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 600	5.5	66.0	77.7	87.2	93.3	94.6	96.5	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 500	5.5	66.0	77.7	87.3	93.8	95.1	97.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 400	5.5	66.1	77.8	87.4	94.1	95.5	97.6	98.7	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0
IV 300	5.5	66.1	77.8	87.4	94.2	95.6	97.8	98.9	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5
IV 200	5.5	66.1	77.8	87.4	94.2	95.7	98.0	99.1	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7
IV 100	5.5	66.1	77.8	87.4	94.2	95.7	98.0	99.1	99.2	99.6	99.9	99.9	99.9	100.0	100.0	100.0
IV 0	5.5	66.1	77.8	87.4	94.2	95.7	98.0	99.1	99.2	99.6	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1775

ANDREWS AFB MD

69-70,73-80

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	¾	¾	≥5/16	¾	≥0
NO CEILING	3.9	40.5	46.8	53.9	58.4	59.7	60.5	61.0	61.4	61.5	61.6	61.6	61.6	61.6	61.6	61.6
≥ 20000	3.9	43.7	50.4	58.2	63.1	64.5	65.8	66.2	66.7	66.8	66.9	66.9	66.9	66.9	66.9	66.9
IV 18000	3.9	43.7	50.4	58.2	63.1	64.5	65.8	66.2	66.7	66.8	66.9	66.9	66.9	66.9	66.9	66.9
IV 16000	3.9	43.7	50.4	58.2	63.1	64.5	65.8	66.2	66.7	66.8	66.9	66.9	66.9	66.9	66.9	66.9
IV 14000	3.9	44.0	50.9	58.6	63.5	64.9	66.2	66.7	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3
IV 12000	3.9	45.4	52.9	61.1	66.2	67.7	69.1	69.6	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.2
IV 10000	4.2	48.7	57.6	66.3	71.9	73.4	74.8	75.3	75.7	75.9	76.0	76.0	76.0	76.0	76.0	76.0
IV 9000	4.2	48.8	58.1	66.8	72.4	73.9	75.3	75.7	76.1	76.3	76.5	76.5	76.5	76.5	76.5	76.5
IV 8000	4.5	50.6	60.2	69.2	75.1	76.7	78.3	78.7	79.1	79.4	79.5	79.5	79.5	79.5	79.5	79.5
IV 7000	4.5	51.4	61.0	70.0	75.8	77.5	79.1	79.6	80.0	80.2	80.3	80.3	80.3	80.3	80.3	80.3
IV 6000	4.5	51.8	61.8	71.1	77.2	78.9	80.5	81.0	81.4	81.6	81.7	81.7	81.7	81.7	81.7	81.7
IV 5000	4.5	53.1	63.1	72.4	78.6	80.3	81.9	82.4	82.8	83.0	83.1	83.1	83.1	83.1	83.1	83.1
IV 4500	4.5	53.2	63.5	72.9	79.2	81.1	82.7	83.2	83.7	83.9	84.0	84.0	84.0	84.0	84.0	84.0
IV 4000	4.5	54.2	65.3	74.9	81.7	83.8	85.4	85.9	86.3	86.6	86.7	86.7	86.7	86.7	86.7	86.7
IV 3500	4.5	54.4	65.7	75.4	82.3	84.3	86.0	86.6	87.0	87.2	87.3	87.3	87.3	87.3	87.3	87.3
IV 3000	4.5	54.6	66.0	75.7	82.8	84.8	86.6	87.2	87.6	87.8	88.0	88.0	88.0	88.0	88.0	88.0
IV 2500	4.5	54.6	66.0	75.8	82.9	84.9	86.7	87.5	88.0	88.2	88.3	88.3	88.3	88.3	88.3	88.3
IV 2000	4.5	54.8	66.2	76.1	83.2	85.5	87.2	88.1	88.5	88.7	88.8	88.8	88.8	88.8	88.8	88.8
IV 1800	4.5	55.1	66.5	76.3	83.4	85.7	87.4	88.3	88.7	88.9	89.0	89.0	89.0	89.0	89.0	89.0
IV 1500	4.5	55.3	66.9	76.9	84.1	86.6	88.3	89.1	89.7	89.9	90.0	90.0	90.0	90.0	90.0	90.0
IV 1200	4.5	55.6	67.3	77.4	84.7	87.2	89.1	90.0	90.5	90.9	91.0	91.0	91.0	91.0	91.0	91.0
IV 1000	4.5	55.8	67.7	78.0	85.3	87.7	89.9	90.9	91.5	91.8	92.0	92.0	92.0	92.0	92.0	92.0
IV 900	4.5	55.8	67.7	78.1	85.8	88.4	90.5	91.5	92.2	92.5	92.7	92.7	92.7	92.7	92.7	92.7
IV 800	4.5	56.1	68.1	78.4	86.1	88.7	90.9	91.9	92.6	92.9	93.1	93.1	93.1	93.1	93.1	93.1
IV 700	4.5	56.2	68.3	78.6	86.6	89.4	91.8	93.0	93.7	94.1	94.3	94.3	94.3	94.3	94.3	94.3
IV 600	4.5	56.2	68.3	78.6	86.7	89.5	91.9	93.1	93.8	94.2	94.4	94.4	94.4	94.4	94.4	94.4
IV 500	4.5	56.2	68.5	79.4	88.0	90.8	93.3	94.5	95.2	95.6	95.8	95.8	95.8	95.8	95.8	95.8
IV 400	4.5	56.5	68.9	79.8	88.5	91.4	94.0	95.2	95.8	96.6	96.8	96.8	96.9	96.9	96.9	96.9
IV 300	4.5	56.5	68.9	80.0	88.8	91.7	94.3	95.7	96.3	97.5	97.8	97.8	98.1	98.1	98.1	98.1
IV 200	4.5	56.5	68.9	80.0	89.0	91.9	94.5	96.3	97.0	98.5	98.9	98.9	99.1	99.1	99.4	99.5
IV 100	4.5	56.5	68.9	80.0	89.0	91.9	94.5	96.5	97.1	98.7	99.2	99.2	99.5	99.5	99.8	100.0
IV 0	4.5	56.5	68.9	80.0	89.0	91.9	94.5	96.5	97.1	98.7	99.2	99.2	99.5	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1375

ANDREWS AFB MD

69-70,73-80

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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	¾	¾	≥0
NO CEILING	3.3	28.4	34.1	40.9	48.1	51.9	54.2	54.4	54.4	54.6	54.8	54.9	55.1	55.1	55.1	55.1
≥ 20000	3.4	32.6	38.6	45.7	54.1	58.3	61.3	61.5	61.5	61.7	61.9	62.0	62.2	62.2	62.2	62.2
IV 18000	3.4	32.8	38.8	45.9	54.3	58.5	61.5	61.7	61.7	61.9	62.2	62.3	62.4	62.4	62.4	62.4
IV 16000	3.4	32.8	38.8	45.9	54.3	58.5	61.6	61.8	61.8	62.2	62.4	62.5	62.6	62.6	62.6	62.6
IV 14000	3.4	33.3	39.5	47.1	55.9	60.1	63.2	63.4	63.4	63.8	64.0	64.1	64.2	64.2	64.2	64.2
IV 12000	3.4	34.4	40.9	49.2	58.9	63.2	66.6	66.8	66.8	67.2	67.4	67.5	67.6	67.6	67.6	67.7
IV 10000	3.9	38.1	45.6	55.4	65.9	70.5	74.7	75.3	75.6	76.0	76.2	76.3	76.5	76.5	76.5	76.7
IV 9000	3.9	38.2	45.7	55.7	66.5	71.1	75.3	75.8	76.1	76.6	76.8	76.9	77.0	77.0	77.0	77.2
IV 8000	3.9	39.4	47.3	57.4	68.3	73.1	77.8	78.5	78.8	79.2	79.5	79.6	79.7	79.7	79.7	79.9
IV 7000	3.9	39.6	47.6	58.0	68.8	73.7	78.4	79.0	79.4	79.8	80.0	80.1	80.2	80.2	80.2	80.4
IV 6000	3.9	40.0	48.2	58.6	69.6	74.6	79.5	80.1	80.4	80.9	81.1	81.2	81.3	81.3	81.3	81.5
IV 5000	3.9	40.3	48.7	59.4	70.3	75.5	80.3	81.0	81.3	81.7	81.9	82.0	82.2	82.2	82.2	82.4
IV 4500	3.9	40.5	48.9	59.6	70.5	75.7	80.5	81.2	81.5	81.9	82.2	82.3	82.4	82.4	82.4	82.6
IV 4000	3.9	41.7	50.2	61.1	72.7	78.0	83.1	84.0	84.3	84.7	84.9	85.1	85.2	85.2	85.2	85.4
IV 3500	3.9	42.0	50.6	61.5	73.1	78.4	83.5	84.4	84.7	85.2	85.4	85.5	85.6	85.6	85.6	85.8
IV 3000	3.9	42.2	50.8	61.6	73.3	78.6	83.8	84.6	84.9	85.4	85.6	85.7	85.8	85.8	85.8	86.0
IV 2500	3.9	42.2	50.8	61.7	73.4	78.7	83.9	84.7	85.1	85.5	85.7	85.8	85.9	85.9	85.9	86.1
IV 2000	3.9	42.3	51.0	61.9	73.8	79.0	84.2	85.3	85.8	86.2	86.5	86.6	86.7	86.7	86.7	86.9
IV 1800	3.9	42.4	51.1	62.0	73.9	79.1	84.3	85.4	86.0	86.5	86.7	86.8	86.9	86.9	86.9	87.1
IV 1500	3.9	42.9	51.7	62.8	74.6	79.9	85.1	86.1	86.8	87.4	87.7	87.8	88.0	88.0	88.0	88.2
IV 1200	3.9	43.1	51.9	63.1	75.3	80.6	85.8	86.9	87.5	88.2	88.5	88.6	88.7	88.7	88.7	88.9
IV 1000	3.9	43.9	52.7	64.0	76.5	82.0	87.6	88.7	89.4	90.1	90.4	90.5	90.6	90.6	90.6	90.9
IV 900	3.9	44.2	53.1	64.6	77.4	83.0	88.7	89.9	90.5	91.3	91.6	91.7	91.8	91.8	91.8	92.0
IV 800	3.9	44.6	53.5	65.2	78.0	83.8	89.0	91.4	92.0	92.8	93.2	93.3	93.4	93.4	93.4	93.7
IV 700	3.9	44.7	53.7	65.6	78.6	84.6	91.0	92.6	93.3	94.1	94.5	94.6	94.7	94.7	94.7	94.9
IV 600	3.9	44.9	53.9	65.9	79.1	85.5	91.9	93.5	94.3	95.1	95.5	95.6	95.7	95.7	95.7	95.9
IV 500	3.9	44.9	53.9	66.2	79.5	86.0	92.7	94.8	95.6	96.5	96.9	97.0	97.1	97.1	97.1	97.3
IV 400	3.9	44.9	53.9	66.3	79.6	86.2	92.9	95.2	95.9	97.0	97.5	97.6	97.7	97.7	97.7	98.0
IV 300	3.9	44.9	53.9	66.3	79.6	86.2	92.9	95.3	96.2	97.6	98.2	98.3	98.4	98.4	98.4	98.7
IV 200	3.9	44.9	53.9	66.3	79.6	86.2	92.9	95.3	96.3	98.0	98.6	98.7	98.8	98.9	99.1	99.5
IV 100	3.9	44.9	53.9	66.3	79.6	86.2	92.9	95.3	96.3	98.0	98.6	98.7	98.9	99.0	99.4	99.9
IV 0	3.9	44.9	53.9	66.3	79.6	86.2	92.9	95.3	96.3	98.0	98.6	98.7	98.9	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

177.5

ANDREWS AFB MD

69-70,73-80

AUG

STATION

STATION NAME

YEARS

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	≥5/16	≥¼	≥0
NO CEILING	5.4	39.7	46.7	51.5	55.5	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 20000	5.6	43.7	52.2	57.6	61.9	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
IV 18000	5.9	44.2	52.7	58.2	62.5	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
IV 16000	5.9	44.2	52.7	58.2	62.5	63.4	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
IV 14000	5.9	45.6	54.2	59.9	64.2	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 12000	5.9	47.4	56.3	62.3	66.9	67.8	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
IV 10000	6.5	51.2	61.9	68.8	73.8	74.7	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
IV 9000	6.5	51.6	62.4	69.2	74.2	75.2	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
IV 8000	6.5	52.4	63.8	71.2	76.5	77.6	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IV 7000	6.5	52.6	64.0	71.4	76.7	77.8	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
IV 6000	6.5	52.6	64.2	71.7	77.0	78.2	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 5000	6.5	53.1	64.8	72.6	77.8	79.0	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
IV 4500	6.5	53.3	65.1	72.8	78.1	79.2	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV 4000	6.5	54.5	66.7	74.9	80.5	81.7	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 3500	6.5	54.7	67.1	75.4	81.0	82.3	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 3000	6.5	56.0	68.7	77.6	83.7	84.9	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 2500	6.5	56.5	69.2	78.4	84.4	86.2	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 2000	6.5	57.6	70.5	80.0	86.1	88.1	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 1800	6.5	57.7	70.6	80.1	86.2	88.2	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 1500	6.5	58.6	71.5	81.4	87.7	89.8	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 1200	6.5	59.7	72.8	83.5	90.5	92.8	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 1000	6.5	61.4	73.7	84.9	92.4	94.8	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 900	6.5	60.4	73.7	85.2	92.7	95.3	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 800	6.5	60.6	73.9	85.6	93.3	96.0	97.7	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 700	6.5	60.8	74.1	85.8	93.8	96.7	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 600	6.5	60.8	74.1	86.0	94.0	96.9	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 500	6.5	60.9	74.3	86.2	94.3	97.2	99.0	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8
IV 400	6.5	60.9	74.3	86.2	94.3	97.2	99.2	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 300	6.5	60.9	74.3	86.2	94.3	97.2	99.2	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 200	6.5	60.9	74.3	86.2	94.3	97.2	99.2	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 100	6.5	60.9	74.3	86.2	94.3	97.2	99.2	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
IV 0	6.5	60.9	74.3	86.2	94.3	97.2	99.2	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1775

ANDREWS AFB MD

69-70,73-80

AUG

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	¼	≥0
NO CEILING	5.2	41.9	46.9	49.6	51.9	51.9	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 20000	6.1	49.4	54.8	58.4	61.5	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 18000	6.1	49.4	54.8	58.4	61.5	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 16000	6.1	49.5	54.9	58.6	61.8	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 14000	6.1	50.6	56.3	60.0	63.3	63.4	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 12000	6.2	53.3	59.9	63.5	67.1	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 10000	6.6	57.7	65.3	69.4	73.1	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 9000	6.6	57.8	65.4	69.5	73.2	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 8000	6.6	59.9	67.7	72.2	76.2	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 7000	6.6	60.3	68.2	72.7	76.8	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 6000	6.8	60.9	68.8	73.4	77.5	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 5000	6.8	61.1	69.0	73.8	77.8	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 4500	6.8	61.3	69.2	74.0	78.1	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 4000	6.8	64.6	72.9	78.6	83.2	83.5	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 3500	6.8	66.0	74.8	81.2	86.0	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 3000	7.2	69.7	79.0	85.5	90.6	91.0	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 2500	7.2	71.2	80.5	87.3	93.0	93.5	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 2000	7.2	72.0	81.7	88.9	94.7	95.4	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1800	7.2	72.2	81.8	89.0	94.8	95.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1500	7.2	72.6	82.3	89.6	95.6	96.2	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1200	7.2	72.8	82.7	90.0	96.2	97.0	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	7.2	72.8	82.9	90.2	96.6	97.4	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	7.2	72.8	82.9	90.2	96.6	97.4	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	7.2	72.8	82.9	90.2	96.6	97.5	99.2	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5
≥ 700	7.2	72.8	83.0	90.4	96.8	97.7	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	7.2	72.8	83.0	90.4	96.8	97.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	7.2	72.8	83.0	90.4	96.8	97.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	7.2	72.8	83.0	90.4	96.8	97.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	7.2	72.8	83.0	90.4	96.8	97.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	7.2	72.8	83.0	90.4	96.8	97.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	7.2	72.8	83.0	90.4	96.8	97.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	7.2	72.8	83.0	90.4	96.8	97.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1775  
 STATION

ANDREWS AFB MD  
 STATION NAME

69-70,73-80  
 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	≥½	≥¼	≥5/16	≥¼	≥0	
NO CEILING ≥ 20000	5.6	42.9	46.8	49.6	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0	52.0
IV ≥ 18000	5.9	50.3	55.1	58.8	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.0
IV 16000	5.9	51.4	55.2	58.9	61.6	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.2	62.2
IV 14000	5.9	51.6	55.7	59.7	62.4	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.9	62.9
IV 12000	6.0	51.4	56.8	61.2	63.9	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.5	64.5
IV 10000	6.3	54.7	60.6	65.1	67.7	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.4	68.4
IV 9000	6.5	57.7	64.4	70.0	73.0	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.0
IV 8000	6.5	58.2	64.9	70.5	73.5	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.5	74.5
IV 7000	6.5	60.5	68.7	74.7	77.7	78.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.9	78.9
IV 6000	6.5	61.1	69.5	75.5	78.6	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8
IV 5000	6.5	62.2	70.6	76.7	79.8	80.5	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.0
IV 4500	6.6	63.4	72.0	78.1	81.2	81.9	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.6	82.6
IV 4000	6.7	64.1	72.7	78.7	81.8	82.6	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.2
IV 3500	6.8	67.7	77.0	83.9	87.7	88.6	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.6	89.6
IV 3000	6.9	68.5	78.0	84.9	88.9	89.8	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.8	90.8
IV 2500	6.9	71.5	81.8	88.9	93.1	94.0	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5
IV 2000	6.9	71.5	81.8	89.4	93.7	94.5	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2
IV 1800	6.9	72.3	82.6	90.2	94.7	95.6	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.8
IV 1500	6.9	72.6	83.0	90.6	95.2	96.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.5
IV 1200	6.9	72.6	83.0	90.6	95.3	96.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.6
IV 1000	6.9	72.8	83.2	90.9	95.6	96.5	98.6	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.2
IV 900	6.9	72.8	83.2	90.9	95.6	96.5	98.6	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.2
IV 800	6.9	72.8	83.2	91.0	95.7	96.6	98.7	99.1	99.1	99.1	99.1	99.4	99.4	99.4	99.5	99.5	99.6
IV 700	6.9	72.8	83.2	91.0	95.7	96.6	98.7	99.1	99.1	99.1	99.1	99.4	99.4	99.4	99.5	99.5	99.6
IV 600	6.9	72.8	83.2	91.0	95.7	96.6	98.7	99.1	99.1	99.1	99.1	99.4	99.4	99.4	99.5	99.5	99.6
IV 500	6.9	72.8	83.2	91.1	95.8	96.7	98.9	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.8
IV 400	6.9	72.8	83.2	91.1	95.8	96.7	99.1	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.8
IV 300	6.9	72.8	83.2	91.1	95.8	96.7	99.1	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.8
IV 200	6.9	72.8	83.2	91.1	95.8	96.7	99.1	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.8
IV 100	6.9	72.8	83.2	91.1	95.8	96.7	99.1	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.8
IV 0	6.9	72.8	83.2	91.1	95.8	96.7	99.1	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

137 5

ANDREWS AFB MD

69-70,73-80

AUG

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2400  
 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	5.5	47.2	44.8	48.8	51.1	51.2	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
IV 20000	5.9	48.1	53.9	59.1	62.0	62.3	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 18000	5.8	48.3	54.1	59.4	62.3	62.5	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
IV 16000	5.8	48.3	54.2	59.5	62.4	62.6	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 14000	6.1	57.3	56.3	61.6	64.6	64.8	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
IV 12000	6.1	53.7	67.4	66.0	69.2	69.6	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
IV 10000	6.1	58.9	66.9	73.7	77.2	77.5	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 9000	6.1	60.0	68.1	74.8	78.4	78.7	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 8000	6.2	62.4	71.5	78.4	81.9	82.5	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 7000	6.3	63.2	72.5	79.5	83.0	83.5	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 6000	6.3	64.0	73.2	80.3	83.9	84.4	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 5000	6.3	64.7	74.2	81.5	85.3	85.8	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 4500	6.3	64.8	74.4	81.8	85.6	86.1	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 4000	6.3	66.5	76.6	84.5	88.8	89.8	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 3500	6.3	67.1	77.2	85.2	89.6	90.6	93.0	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 3000	6.3	68.2	78.6	86.8	91.3	92.5	95.1	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 2500	6.3	68.8	79.6	87.7	92.8	94.0	96.8	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 2000	6.3	68.9	79.7	88.1	93.2	94.7	97.5	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 1800	6.3	69.0	79.8	88.2	93.3	94.8	97.6	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 1500	6.3	69.4	80.1	88.5	93.7	95.2	98.0	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1200	6.3	69.8	80.5	89.1	94.3	95.8	98.7	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 1000	6.3	69.8	80.5	89.1	94.3	95.8	98.7	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 900	6.3	69.8	80.5	89.1	94.3	95.8	98.7	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 800	6.3	69.8	80.8	89.6	94.7	96.2	99.2	99.4	99.5	99.7	99.7	99.7	99.7	99.8	99.9	99.9
IV 700	6.3	69.8	80.8	89.6	94.7	96.2	99.2	99.4	99.5	99.7	99.7	99.7	99.7	99.8	99.9	99.9
IV 600	6.3	69.8	80.9	89.7	94.8	96.3	99.4	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.9	100.0
IV 500	6.3	69.8	80.9	89.7	94.8	96.3	99.4	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.9	100.0
IV 400	6.3	69.8	80.9	89.7	94.8	96.3	99.4	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.9	100.0
IV 300	6.3	69.8	80.9	89.7	94.8	96.3	99.4	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.9	100.0
IV 200	6.3	69.8	80.9	89.7	94.8	96.3	99.4	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.9	100.0
IV 100	6.3	69.8	80.9	89.7	94.8	96.3	99.4	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.9	100.0
IV 0	6.3	69.8	80.9	89.7	94.8	96.3	99.4	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1375

ANDREWS AFB MD

69-70,73-80

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¼	≥0
NO CEILING	5.6	44.9	51.4	55.5	57.8	58.3	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 20000	5.8	49.5	56.5	62.7	65.7	66.2	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
IV 18000	5.8	49.5	56.5	62.7	65.7	66.2	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
IV 16000	5.8	49.5	56.5	62.7	65.7	66.2	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
IV 14000	5.9	50.3	57.3	63.5	66.6	67.1	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
IV 12000	5.9	52.6	60.1	66.6	69.8	70.5	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
IV 10000	6.1	58.3	66.5	73.7	77.2	78.0	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IV 9000	6.1	59.0	67.3	74.5	78.1	78.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 8000	6.1	61.5	70.4	78.0	81.7	82.5	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
IV 7000	6.1	62.5	71.5	79.0	82.8	83.5	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IV 6000	6.1	62.7	71.7	79.4	83.1	83.9	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 5000	6.1	63.5	72.9	80.9	84.8	85.6	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 4500	6.1	63.9	73.2	81.2	85.2	85.9	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 4000	6.1	65.3	75.3	83.9	88.3	89.1	90.1	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
IV 3500	6.1	65.9	76.1	84.7	89.6	90.4	91.4	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 3000	6.1	67.5	78.1	87.0	91.9	92.8	93.8	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 2500	6.1	68.1	78.6	87.5	92.6	93.4	94.4	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 2000	6.1	68.7	79.2	88.5	93.5	94.4	95.4	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 1800	6.1	68.9	79.5	88.7	93.8	94.6	95.6	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 1500	6.1	69.2	79.9	89.1	94.2	95.2	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 1200	6.1	69.6	80.3	89.8	94.8	95.8	96.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 1000	6.1	69.7	80.4	90.0	95.1	96.0	97.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 900	6.1	69.9	80.6	90.2	95.4	96.3	97.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 800	6.1	70.1	81.0	90.6	96.1	97.1	98.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 700	6.1	70.2	81.1	90.8	96.2	97.4	98.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 600	6.1	70.2	81.1	90.8	96.3	97.5	98.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 500	6.1	70.3	81.2	90.9	96.7	97.8	98.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	6.1	70.3	81.2	90.9	96.7	97.8	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	6.1	70.3	81.2	90.9	96.7	97.8	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	6.1	70.3	81.2	90.9	96.7	97.8	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	6.1	70.3	81.2	90.9	96.7	97.8	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	6.1	70.3	81.2	90.9	96.7	97.8	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930



GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

127 5

ANDREWS AFB MD

69-70, 73-83

AUG

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	
NO CEILING	5.0	40.5	46.0	50.9	54.4	55.2	55.9	56.0	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2
≥ 20000	5.3	45.7	52.2	57.9	62.0	63.0	63.9	64.0	64.0	64.1	64.1	64.1	64.1	64.2	64.2	64.2
IV 18000	5.3	45.8	52.3	58.0	62.1	63.1	64.0	64.1	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3
IV 16000	5.3	45.9	52.4	58.2	62.3	63.3	64.2	64.3	64.4	64.4	64.4	64.4	64.5	64.5	64.5	64.5
IV 14000	5.4	46.8	53.5	59.4	63.6	64.6	65.5	65.7	65.7	65.8	65.8	65.8	65.9	65.9	65.9	65.9
IV 12000	5.4	49.0	56.2	62.4	66.9	68.0	69.0	69.2	69.2	69.3	69.3	69.3	69.4	69.4	69.4	69.4
IV 10000	5.7	53.2	61.6	68.7	73.5	74.7	75.9	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.4	76.4
IV 9000	5.7	53.6	62.1	69.2	74.1	75.2	76.5	76.7	76.7	76.8	76.9	76.9	76.9	76.9	76.9	76.9
IV 8000	5.7	55.6	64.7	72.1	77.2	78.4	79.8	80.0	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.3
IV 7000	5.7	56.2	65.3	72.8	77.9	79.2	80.5	80.7	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0
IV 6000	5.9	56.7	66.1	73.6	78.8	80.1	81.4	81.6	81.7	81.8	81.8	81.9	81.9	81.9	81.9	81.9
IV 5000	5.9	57.5	66.9	74.7	79.9	81.3	82.7	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.2
IV 4500	5.9	57.8	67.3	75.0	80.3	81.7	83.1	83.3	83.4	83.5	83.5	83.6	83.6	83.6	83.6	83.6
IV 4000	5.9	59.6	69.6	78.0	83.8	85.3	86.9	87.2	87.3	87.4	87.4	87.5	87.5	87.5	87.5	87.5
IV 3500	5.9	60.2	70.5	78.9	84.8	86.4	88.0	88.4	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.7
IV 3000	5.9	61.7	72.2	80.8	87.0	88.5	90.3	90.7	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0
IV 2500	5.9	62.1	72.7	81.5	87.8	89.4	91.3	91.7	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0
IV 2000	5.9	62.6	73.3	82.2	88.6	90.4	92.3	92.8	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.2
IV 1800	5.9	62.7	73.4	82.3	88.8	90.5	92.5	93.0	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3
IV 1500	5.9	63.1	73.9	82.9	89.4	91.2	93.3	93.8	93.9	94.1	94.1	94.1	94.2	94.2	94.2	94.2
IV 1200	5.9	63.5	74.4	83.6	90.3	92.2	94.3	94.9	95.0	95.2	95.2	95.2	95.3	95.3	95.3	95.3
IV 1000	5.9	63.8	74.8	84.2	91.0	92.9	95.3	95.8	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3
IV 900	5.9	63.9	74.9	84.3	91.3	93.3	95.6	96.2	96.4	96.5	96.6	96.6	96.6	96.7	96.7	96.7
IV 800	5.9	64.1	75.1	84.7	91.7	93.7	96.2	96.8	97.0	97.2	97.3	97.3	97.4	97.4	97.4	97.4
IV 700	5.9	64.2	75.2	84.8	91.9	94.1	96.6	97.3	97.5	97.7	97.8	97.8	97.9	97.9	97.9	97.9
IV 600	5.9	64.2	75.3	84.9	92.1	94.3	96.9	97.6	97.8	98.0	98.1	98.1	98.2	98.2	98.2	98.2
IV 500	5.9	64.2	75.3	85.1	92.4	94.7	97.4	98.1	98.3	98.5	98.7	98.7	98.7	98.7	98.8	98.8
IV 400	5.9	64.3	75.4	85.2	92.6	94.9	97.6	98.5	98.7	99.0	99.1	99.1	99.2	99.2	99.2	99.2
IV 300	5.9	64.3	75.4	85.3	92.6	94.9	97.7	98.6	98.8	99.2	99.4	99.4	99.4	99.5	99.5	99.5
IV 200	5.9	64.3	75.4	85.3	92.6	95.0	97.7	98.7	98.9	99.4	99.6	99.6	99.7	99.7	99.8	99.8
IV 100	5.9	64.3	75.4	85.3	92.6	95.0	97.7	98.7	98.9	99.4	99.7	99.7	99.7	99.8	99.9	100.0
IV 0	5.9	64.3	75.4	85.3	92.6	95.0	97.7	98.7	98.9	99.4	99.7	99.7	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1775  
 STATION

ANDREWS AFB MD  
 STATION NAME

69-70,73-80  
 YEARS

SEP  
 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	3.3	50.9	55.9	58.3	60.1	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 20000	3.3	54.0	59.2	62.0	64.0	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 18000	3.3	54.3	59.6	62.3	64.3	65.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
IV 16000	3.3	54.4	59.7	62.4	64.4	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 14000	3.3	55.2	60.6	63.4	65.4	66.1	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
IV 12000	3.4	57.3	62.7	65.6	67.6	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
IV 10000	3.4	61.2	66.9	70.3	72.4	73.1	73.4	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 9000	3.6	61.6	67.2	70.7	72.8	73.4	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
IV 8000	3.6	63.9	69.7	73.3	75.7	76.4	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 7000	3.6	65.6	71.4	75.1	77.6	78.3	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 6000	3.7	66.6	72.4	76.1	78.6	79.3	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 5000	3.7	67.7	74.0	77.8	80.2	81.0	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 4500	3.7	67.8	74.3	78.1	80.6	81.3	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 4000	3.7	69.3	76.0	80.3	82.9	83.9	84.6	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
IV 3500	3.7	69.6	76.4	80.9	83.7	84.7	85.3	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 3000	3.7	70.6	77.7	82.1	85.0	86.0	86.8	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 2500	3.7	71.3	78.4	82.9	85.9	86.9	87.8	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 2000	3.7	72.6	80.1	84.6	87.7	88.7	89.6	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 1800	3.7	72.9	80.4	84.9	88.0	89.0	89.9	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 1500	3.7	73.6	81.2	85.7	88.8	90.0	90.9	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 1200	3.7	74.1	82.0	86.4	89.7	90.9	91.9	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 1000	3.7	74.3	82.4	87.1	90.4	91.7	92.8	93.1	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 900	3.7	74.6	82.9	87.6	90.9	92.1	93.2	93.6	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 800	3.7	74.7	83.1	87.9	91.9	93.2	94.3	94.7	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 700	3.7	74.7	83.3	88.2	92.3	93.7	94.8	95.1	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 600	3.7	74.8	83.4	88.6	92.8	94.1	95.3	95.8	95.9	96.2	96.3	96.3	96.3	96.3	96.3	96.3
IV 500	3.7	74.8	83.6	88.8	93.1	94.8	96.2	96.7	96.8	97.2	97.3	97.3	97.3	97.3	97.3	97.3
IV 400	3.7	74.8	83.6	88.9	93.3	95.0	96.6	97.2	97.3	97.8	97.9	97.9	97.9	97.9	97.9	97.9
IV 300	3.7	74.9	83.7	89.0	93.7	95.3	97.0	97.8	97.9	98.4	98.6	98.6	98.6	98.6	98.6	98.6
IV 200	3.7	74.9	83.7	89.0	93.7	95.3	97.1	98.1	98.3	98.9	99.0	99.0	99.1	99.1	99.1	99.1
IV 100	3.7	74.9	83.7	89.0	93.7	95.3	97.1	98.1	98.3	98.9	99.0	99.0	99.1	99.2	99.4	99.8
IV 0	3.7	74.9	83.7	89.0	93.7	95.3	97.1	98.1	98.3	98.9	99.0	99.0	99.1	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

CLIMATE CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1375 ANDREWS AFB MD

69-70, 73-81

SEP

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	3.2	44.0	48.4	53.1	54.6	55.6	55.8	56.7	56.9	57.0	57.0	57.0	57.0	57.0	57.1	57.2
≥ 2000	3.3	46.6	51.0	55.9	57.8	58.8	59.1	60.0	60.2	60.3	60.3	60.3	60.3	60.3	60.4	60.6
≥ 1800	3.3	46.8	51.2	56.1	58.0	59.0	59.3	60.2	60.4	60.6	60.6	60.6	60.6	60.6	60.7	60.8
≥ 1600	3.3	46.9	51.3	56.2	58.1	59.1	59.4	60.3	60.6	60.7	60.7	60.7	60.7	60.7	60.8	60.9
≥ 1400	3.3	46.9	51.4	56.4	58.3	59.3	59.7	60.6	60.8	60.9	60.9	60.9	60.9	60.9	61.0	61.1
≥ 1200	3.3	43.3	52.9	58.0	59.9	60.9	61.2	62.1	62.3	62.4	62.4	62.4	62.4	62.4	62.6	62.7
≥ 1000	3.6	52.9	58.2	63.4	65.4	66.6	66.9	67.9	68.1	68.2	68.2	68.2	68.2	68.2	68.3	68.4
≥ 900	3.6	53.2	58.6	63.9	66.0	67.1	67.4	68.4	68.7	68.8	68.8	68.8	68.8	68.8	68.9	69.0
≥ 800	3.6	55.0	60.8	66.3	69.0	70.1	70.4	71.4	71.7	71.9	71.9	71.9	71.9	71.9	72.0	72.1
≥ 700	3.6	56.3	62.2	67.8	70.4	71.6	71.9	72.9	73.1	73.3	73.3	73.3	73.3	73.3	73.4	73.6
≥ 600	3.6	57.3	63.2	68.8	71.4	72.6	72.9	73.9	74.1	74.3	74.3	74.3	74.3	74.3	74.4	74.6
≥ 500	3.6	59.9	66.0	71.6	74.2	75.3	75.7	76.7	76.9	77.1	77.1	77.1	77.1	77.1	77.2	77.3
≥ 450	3.6	59.9	66.0	71.6	74.2	75.3	75.7	76.7	76.9	77.1	77.1	77.1	77.1	77.1	77.2	77.3
≥ 400	3.6	62.1	68.4	74.6	77.3	78.6	78.9	79.9	80.1	80.3	80.3	80.3	80.3	80.3	80.4	80.6
≥ 350	3.6	62.2	68.7	74.9	77.9	79.1	79.4	80.4	80.7	80.9	80.9	80.9	80.9	80.9	81.0	81.1
≥ 300	3.6	62.9	69.3	75.6	78.7	79.9	80.2	81.2	81.4	81.7	81.7	81.7	81.7	81.7	81.8	81.9
≥ 250	3.6	63.8	70.6	76.8	80.0	81.2	81.6	82.6	82.8	83.0	83.0	83.0	83.0	83.0	83.1	83.2
≥ 200	3.6	64.9	71.9	78.1	81.3	82.6	82.9	83.9	84.1	84.3	84.3	84.3	84.3	84.3	84.4	84.6
≥ 1800	3.6	65.0	72.1	78.3	81.8	83.0	83.3	84.3	84.6	84.8	84.8	84.8	84.8	84.8	84.9	85.0
≥ 1500	3.6	66.3	73.3	80.1	83.8	85.0	85.3	86.6	86.8	87.0	87.0	87.0	87.0	87.0	87.1	87.2
≥ 1200	3.6	67.3	74.4	81.4	85.1	86.3	86.7	87.9	88.1	88.3	88.3	88.3	88.3	88.3	88.4	88.6
≥ 1000	3.6	67.6	74.8	82.1	85.8	87.0	87.3	88.8	89.0	89.2	89.2	89.2	89.2	89.3	89.4	89.6
≥ 900	3.6	68.1	75.3	82.7	86.3	87.6	87.9	89.3	89.6	89.8	89.8	89.8	89.8	90.0	90.1	90.2
≥ 800	3.6	68.1	75.4	83.1	87.0	88.3	88.7	90.2	90.4	90.7	90.7	90.7	90.7	90.9	91.0	91.1
≥ 700	3.6	68.3	75.8	83.6	87.7	89.0	89.4	91.0	91.2	91.4	91.4	91.4	91.4	91.7	91.8	91.9
≥ 600	3.6	68.4	75.9	84.1	88.2	89.7	90.2	92.0	92.3	92.6	92.6	92.6	92.6	92.8	92.9	93.0
≥ 500	3.6	68.4	75.9	84.1	88.6	90.0	90.7	92.6	93.0	93.2	93.2	93.2	93.2	93.4	93.6	93.7
≥ 400	3.6	68.4	75.9	84.1	88.7	90.6	91.4	93.7	94.2	94.4	94.6	94.6	94.6	94.8	94.9	95.0
≥ 300	3.6	68.4	75.9	84.1	88.7	90.9	92.1	94.3	95.4	95.9	96.0	96.0	96.1	96.3	96.4	96.7
≥ 200	3.6	68.4	75.9	84.1	88.7	90.9	92.3	94.8	96.2	96.8	97.0	97.0	97.1	97.3	97.4	97.7
≥ 100	3.6	68.4	75.9	84.1	88.7	90.9	92.3	94.9	96.4	97.0	97.2	97.2	97.3	97.7	98.2	99.0
≥ 0	3.6	68.4	75.9	84.1	88.7	90.9	92.3	94.9	96.4	97.0	97.2	97.2	97.3	97.7	98.2	99.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1775      ANDREWS AFB MD

69-70, 73-87

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

6600-8800  
 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	2.4	36.3	43.4	48.1	50.9	51.4	52.7	53.8	54.2	54.3	54.4	54.4	54.4	54.4	54.4	54.4
≥ 20000	2.4	40.0	47.2	52.1	55.2	56.1	57.6	58.8	59.2	59.3	59.4	59.4	59.4	59.4	59.4	59.4
IV 18000	2.4	40.3	47.6	52.4	55.6	56.4	57.9	59.1	59.6	59.7	59.8	59.8	59.8	59.8	59.8	59.8
IV 16000	2.4	40.4	47.7	52.6	55.7	56.6	58.0	59.2	59.7	59.8	59.9	59.9	59.9	59.9	59.9	59.9
IV 14000	2.6	41.9	48.2	53.1	56.2	57.1	58.6	59.8	60.2	60.3	60.4	60.4	60.4	60.4	60.4	60.4
IV 12000	2.3	43.0	50.4	55.6	58.8	59.8	61.3	62.6	63.7	63.1	63.2	63.2	63.2	63.2	63.2	63.2
IV 10000	2.8	46.4	54.3	60.0	63.3	64.3	66.0	67.2	67.7	67.8	67.9	67.9	67.9	67.9	67.9	67.9
IV 9000	2.8	46.8	54.7	60.6	63.9	64.9	66.8	68.1	68.6	68.7	68.8	68.8	68.8	68.8	68.8	68.8
IV 8000	2.8	48.3	56.6	63.1	66.7	67.7	69.6	70.9	71.3	71.4	71.6	71.6	71.6	71.6	71.6	71.6
IV 7000	2.2	49.7	58.0	64.7	68.2	69.2	71.1	72.4	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.1
IV 6000	2.3	51.1	58.9	65.6	69.1	70.1	72.1	73.4	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.1
IV 5000	2.3	51.4	60.3	67.4	71.1	72.1	74.1	75.4	75.9	76.0	76.1	76.1	76.1	76.1	76.1	76.1
IV 4500	2.8	51.9	60.8	67.9	71.6	72.6	74.6	75.9	76.3	76.4	76.6	76.6	76.6	76.6	76.6	76.6
IV 4000	2.8	53.2	62.2	69.7	73.6	74.7	77.1	78.4	78.9	79.0	79.1	79.1	79.1	79.1	79.1	79.1
IV 3500	2.8	54.1	63.1	70.9	74.8	76.0	78.4	79.9	80.3	80.6	80.7	80.7	80.7	80.7	80.7	80.7
IV 3000	2.8	54.8	63.8	71.7	75.6	77.0	79.6	81.0	81.4	81.7	81.8	81.8	81.8	81.8	81.8	81.8
IV 2500	3.0	55.1	64.1	72.2	76.3	77.8	80.3	81.8	82.2	82.4	82.6	82.6	82.6	82.6	82.6	82.6
IV 2000	3.0	56.3	65.3	73.4	77.6	79.1	81.8	83.3	83.8	84.0	84.1	84.1	84.1	84.1	84.1	84.1
IV 1800	3.0	56.4	65.7	73.8	77.9	79.4	82.1	83.7	84.1	84.3	84.4	84.4	84.4	84.4	84.4	84.4
IV 1500	3.0	57.6	67.0	75.4	80.0	81.7	84.7	86.2	86.8	87.0	87.1	87.1	87.1	87.1	87.1	87.1
IV 1200	3.0	58.2	67.7	76.2	81.0	82.8	85.9	87.6	88.1	88.4	88.6	88.6	88.6	88.6	88.6	88.6
IV 1000	3.0	58.6	68.1	76.7	81.7	83.7	86.8	88.7	89.2	89.6	89.7	89.7	89.7	89.7	89.7	89.7
IV 900	3.0	59.0	68.7	77.2	82.3	84.3	87.4	89.3	89.9	90.2	90.3	90.3	90.3	90.3	90.3	90.3
IV 800	3.0	59.3	69.2	77.9	83.1	85.1	88.2	90.1	90.7	91.0	91.1	91.1	91.1	91.1	91.1	91.1
IV 700	3.0	59.3	69.3	78.0	83.4	85.4	88.8	90.8	91.4	91.8	91.9	91.9	91.9	91.9	91.9	91.9
IV 600	3.0	59.3	69.3	78.1	83.7	85.7	89.8	91.9	92.7	93.0	93.2	93.2	93.2	93.2	93.2	93.2
IV 500	3.0	59.3	69.3	78.1	83.8	86.2	90.4	92.7	93.8	94.1	94.3	94.3	94.3	94.3	94.3	94.3
IV 400	3.0	59.3	69.4	78.2	84.0	86.8	91.3	94.1	95.3	96.2	96.4	96.4	96.4	96.6	96.6	96.6
IV 300	3.0	59.3	69.4	78.2	84.0	86.9	91.4	94.2	95.6	96.7	97.0	97.0	97.0	97.2	97.2	97.2
IV 200	3.0	59.3	69.4	78.2	84.0	86.9	91.8	94.8	96.1	97.3	98.0	98.0	98.0	98.3	98.3	98.3
IV 100	3.0	59.3	69.4	78.2	84.0	86.9	91.8	94.8	96.1	97.4	98.1	98.1	98.1	98.8	98.9	99.8
IV 0	3.0	59.3	69.4	78.2	84.0	86.9	91.8	94.8	96.1	97.4	98.1	98.1	98.1	98.8	98.9	99.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1375

ANDREWS AFB MD

69-70, 73-80

SEP

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	≥5/16	¾	≥0
NO CEILING	4.2	46.8	52.6	54.4	55.9	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 29000	4.6	53.3	57.2	59.3	60.9	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 18000	4.6	53.7	57.7	59.9	61.4	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 16000	4.6	53.7	57.7	60.0	61.6	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 14000	4.6	54.1	58.1	60.4	62.0	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 12000	4.6	55.8	59.8	62.1	63.8	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 10000	5.0	60.1	64.6	67.2	69.1	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 9000	5.0	60.1	64.6	67.2	69.3	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 8000	5.0	62.2	67.0	69.8	72.0	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 7000	5.0	63.7	68.4	71.2	73.4	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 6000	5.0	64.2	69.0	71.8	74.0	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 5000	5.0	65.7	70.4	73.7	75.9	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 4500	5.0	66.1	70.9	74.3	76.6	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 4000	5.0	67.4	72.4	76.1	78.4	79.3	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 3500	5.0	68.2	73.4	77.1	79.7	80.7	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 3000	5.0	70.6	76.1	79.9	82.4	83.4	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 2500	5.0	71.6	77.4	81.2	83.9	84.9	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 2000	5.0	72.4	78.3	82.4	85.1	86.1	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1800	5.0	72.9	78.9	83.0	85.8	86.9	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1500	5.0	74.1	80.9	85.8	88.7	89.8	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1200	5.0	75.1	82.1	87.0	90.1	91.3	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1000	5.0	75.6	82.7	87.9	92.0	93.6	94.7	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 900	5.0	75.7	82.8	88.1	92.3	93.9	95.2	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 800	5.0	76.2	83.3	88.7	93.1	94.7	96.2	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 700	5.0	76.3	83.7	89.1	93.6	95.2	96.8	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 600	5.0	76.3	83.8	89.4	94.1	95.9	97.4	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 500	5.0	76.4	83.9	89.7	94.4	96.3	98.0	98.2	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400	5.0	76.4	83.9	89.7	94.7	96.7	98.3	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	5.0	76.4	83.9	89.7	94.7	96.8	98.4	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	5.0	76.4	83.9	89.7	94.7	96.8	98.6	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	5.0	76.4	83.9	89.7	94.7	96.8	98.6	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	5.0	76.4	83.9	89.7	94.7	96.8	98.6	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1375

ANDREWS AFB MD

69-70,73-80

SEP

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	≥½	≥5/16	≥¼	≥0
NO CEILING	4.2	46.3	49.1	49.9	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 20000	5.2	54.9	57.9	58.7	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 18000	5.2	55.3	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
≥ 16000	5.2	55.6	58.6	59.3	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 14000	5.2	56.0	59.7	59.8	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 12000	5.2	58.1	61.1	62.0	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 10000	5.7	62.7	65.9	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
≥ 9000	5.7	63.2	66.4	67.4	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 8000	5.7	65.4	69.2	70.4	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 7000	5.7	67.1	71.0	72.3	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 6000	5.7	68.1	72.0	73.3	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 5000	5.7	70.2	74.2	75.7	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 4500	5.7	71.0	75.0	76.4	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 4000	6.0	75.7	79.8	81.4	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 3500	6.2	77.8	82.3	84.2	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 3000	6.2	80.7	85.9	88.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 2500	6.2	81.7	87.1	89.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 2000	6.2	83.1	88.9	91.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1800	6.2	83.1	89.0	91.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1500	6.2	83.9	89.8	92.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1200	6.2	84.3	90.3	93.3	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1000	6.2	84.8	91.1	94.2	95.8	95.9	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 900	6.2	84.8	91.3	94.4	96.0	96.1	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 800	6.2	84.9	91.7	94.8	96.3	96.6	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
≥ 700	6.2	84.9	92.1	95.2	96.9	97.1	98.0	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 600	6.2	84.9	92.1	95.2	96.9	97.1	98.0	98.3	98.3	98.3	98.4	98.6	98.6	98.7	98.7	98.7
≥ 500	6.2	85.0	92.3	95.4	97.1	97.3	98.2	98.7	98.7	98.7	98.9	99.0	99.0	99.1	99.1	99.1
≥ 400	6.2	85.0	92.3	95.4	97.1	97.3	98.2	99.1	99.1	99.1	99.3	99.4	99.4	99.6	99.6	99.6
≥ 300	6.2	85.1	92.4	95.6	97.2	97.4	98.3	99.6	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0
≥ 200	6.2	85.1	92.4	95.6	97.2	97.4	98.3	99.6	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0
≥ 100	6.2	85.1	92.4	95.6	97.2	97.4	98.3	99.6	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0
≥ 0	6.2	85.1	92.4	95.6	97.2	97.4	98.3	99.6	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
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# CEILING VERSUS VISIBILITY

1375

ANDREWS AFB MD

69-70,73-80

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	4.9	51.1	53.2	54.7	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 20000	6.3	59.2	62.2	63.7	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
IV ≥ 18000	6.3	59.7	62.7	64.1	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
IV ≥ 16000	6.0	59.9	62.9	64.3	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 ≥ 14000	6.7	60.6	63.6	65.0	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
IV ≥ 12000	6.0	62.1	65.2	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 ≥ 10000	6.3	66.2	69.8	71.4	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 ≥ 9000	6.3	66.6	70.1	71.9	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 ≥ 8000	6.3	70.0	74.1	75.9	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 ≥ 7000	6.3	71.4	75.9	77.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV ≥ 6000	6.3	72.3	76.8	79.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
IV ≥ 5000	6.3	74.9	79.6	81.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV ≥ 4500	6.3	75.1	79.8	82.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV ≥ 4000	6.7	78.6	83.8	86.8	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV ≥ 3500	6.7	81.0	85.2	88.3	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV ≥ 3000	6.7	81.7	87.3	90.4	91.6	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV ≥ 2500	6.7	82.1	87.9	91.0	92.1	92.2	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV ≥ 2000	6.7	82.8	88.8	92.2	93.6	93.7	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV ≥ 1800	6.7	82.8	88.8	92.2	93.6	93.8	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV ≥ 1500	6.7	82.9	89.1	92.7	94.0	94.2	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV ≥ 1200	6.7	83.3	89.7	93.2	94.6	94.8	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV ≥ 1000	6.7	83.7	90.0	93.8	95.2	95.4	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV ≥ 900	6.7	83.7	90.1	94.2	95.7	96.0	96.4	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV ≥ 800	6.7	83.9	90.7	94.8	96.2	96.6	97.0	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV ≥ 700	6.7	83.9	90.9	95.0	96.4	96.8	97.2	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV ≥ 600	6.7	84.0	91.0	95.1	96.6	97.0	97.4	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV ≥ 500	6.7	84.0	91.0	95.1	96.6	97.0	97.8	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV ≥ 400	6.7	84.0	91.0	95.2	96.7	97.1	97.9	98.8	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV ≥ 300	6.7	84.0	91.0	95.2	96.7	97.1	98.0	99.0	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV ≥ 200	6.7	84.0	91.0	95.2	96.7	97.1	98.1	99.1	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 100	6.7	84.0	91.0	95.2	96.7	97.1	98.1	99.1	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 0	6.7	84.0	91.0	95.2	96.7	97.1	98.1	99.1	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1875

ANDREWS AFB MD

69-70,73-80

SEP

STATION

STATION NAME

YEARS

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	5.1	53.1	56.0	57.6	58.1	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 20000	5.4	59.4	63.2	65.1	65.8	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 18000	5.4	59.7	63.4	65.3	66.0	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 16000	5.4	59.8	63.6	65.4	66.1	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 14000	5.4	60.8	64.6	66.4	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 12000	5.4	62.4	66.3	68.2	68.9	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 10000	5.6	67.1	71.3	73.8	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 9000	5.6	67.4	71.7	74.1	74.9	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 8000	5.6	71.1	75.3	77.8	78.8	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 7000	5.7	71.9	76.2	78.8	79.9	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 6000	5.8	72.8	77.1	80.0	81.1	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 5000	5.8	76.7	80.4	83.3	84.6	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 4500	5.8	76.4	80.9	83.8	85.1	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 4000	5.8	79.3	83.6	86.9	88.3	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 3500	5.8	79.9	84.3	87.7	89.1	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 3000	5.3	80.4	85.0	88.4	90.0	90.6	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 2500	5.8	80.4	85.1	88.6	90.1	90.7	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 2000	5.8	80.7	85.3	89.0	91.0	91.6	91.9	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1800	5.8	80.8	85.4	89.1	91.1	91.7	92.0	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1500	5.8	81.6	86.2	89.9	92.1	92.7	93.3	93.3	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1200	5.8	82.1	87.0	90.7	93.1	93.8	94.4	94.4	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1000	5.8	82.2	87.2	91.2	93.9	94.7	95.4	95.4	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 900	5.8	82.6	87.6	91.6	94.2	95.0	95.8	95.8	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 800	5.8	82.6	87.6	91.6	94.2	95.0	96.0	96.1	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 700	5.8	82.6	87.7	91.9	94.7	95.6	96.7	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 600	5.8	82.7	87.8	92.0	94.8	95.7	96.8	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 500	5.8	82.8	87.9	92.2	95.2	96.1	97.6	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 400	5.8	82.9	88.0	92.4	95.4	96.4	97.9	98.3	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 300	5.8	82.9	88.0	92.4	95.4	96.4	98.1	98.7	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	5.8	82.9	88.0	92.4	95.6	96.6	98.2	99.0	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	5.8	82.9	88.0	92.4	95.6	96.6	98.2	99.0	99.4	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	5.8	82.9	88.0	92.4	95.6	96.6	98.2	99.0	99.4	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900



GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

137.5

ANDREWS AFB MD

69-70,73-80

SEP

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	¾	≥0
NO CEILING	4.2	54.6	58.1	60.6	61.6	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 20000	4.4	58.1	62.1	65.0	66.0	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
IV 18000	4.4	58.2	62.2	65.1	66.1	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
IV 16000	4.4	58.4	62.4	65.3	66.3	66.4	66.4	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
IV 14000	4.8	59.7	63.7	66.6	67.6	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
IV 12000	5.1	61.7	65.7	68.6	69.6	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
IV 10000	5.2	65.8	69.9	73.0	74.0	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IV 9000	5.3	66.2	70.3	73.4	74.4	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 8000	5.4	69.6	73.8	76.9	78.0	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IV 7000	5.4	70.3	74.6	77.7	78.8	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
IV 6000	5.4	71.3	75.7	78.8	79.9	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IV 5000	5.4	73.6	78.0	81.6	82.8	82.9	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 4500	5.4	74.1	78.6	82.1	83.3	83.4	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 4000	5.7	75.4	81.6	84.6	85.9	86.2	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 3500	5.7	76.3	81.4	85.4	86.8	87.1	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 3000	5.7	77.2	83.0	87.4	88.9	89.3	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 2500	5.7	78.1	83.9	88.3	89.8	90.2	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 2000	5.7	78.4	84.4	88.9	90.3	90.8	91.0	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 1800	5.7	78.6	84.6	89.0	90.4	90.9	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 1500	5.7	78.7	84.9	89.3	90.8	91.2	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 1200	5.7	79.9	86.1	90.6	92.1	92.6	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1
IV 1000	5.7	80.0	86.3	90.9	92.7	93.2	93.4	93.7	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9
IV 900	5.7	81.0	86.3	90.9	92.8	93.3	93.6	93.8	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.0
IV 800	5.7	80.2	86.8	91.4	93.3	94.0	94.3	94.6	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.8
IV 700	5.7	80.2	86.8	91.6	93.8	94.7	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4
IV 600	5.7	80.2	86.8	91.7	93.9	94.8	95.3	95.6	95.7	95.7	95.7	95.7	95.7	95.9	95.9	95.9
IV 500	5.7	80.2	86.8	92.0	94.6	95.7	96.3	96.6	96.7	96.7	96.7	96.7	96.7	96.9	96.9	96.9
IV 400	5.7	80.3	86.9	92.7	95.3	96.4	97.1	97.4	97.7	97.7	97.7	97.7	97.7	97.9	97.9	97.9
IV 300	5.7	80.3	86.9	92.7	95.3	96.6	97.3	97.8	98.3	98.3	98.3	98.3	98.3	98.6	98.6	98.6
IV 200	5.7	80.3	86.9	92.7	95.3	96.6	97.3	97.9	98.4	98.6	98.7	98.7	98.7	99.0	99.0	99.1
IV 100	5.7	80.3	86.9	92.7	95.3	96.6	97.3	97.9	98.4	98.6	98.8	98.8	98.8	99.1	99.2	99.6
IV 0	5.7	80.3	86.9	92.7	95.3	96.6	97.3	97.9	98.4	98.6	98.8	98.8	98.8	99.1	99.2	99.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1375

ANDREWS AFB MD

69-70,73-87

SEP

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	4.0	48.1	52.1	54.6	55.8	56.2	56.4	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 20000	4.3	53.2	57.5	60.2	61.6	62.0	62.3	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.8
≥ 18000	4.3	53.5	57.8	60.6	62.0	62.4	62.7	62.9	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV ≥ 16000	4.3	53.6	58.0	60.7	62.1	62.5	62.8	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.3
IV ≥ 14000	4.4	54.3	58.6	61.4	62.8	63.2	63.5	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
IV ≥ 12000	4.5	56.1	60.5	63.3	64.8	65.2	65.5	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
IV ≥ 10000	4.7	60.3	65.1	68.3	69.8	70.3	70.6	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV ≥ 9000	4.7	60.6	65.4	68.7	70.3	70.8	71.1	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.6
IV ≥ 8000	4.7	63.2	68.3	71.7	73.5	74.0	74.4	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9
IV ≥ 7000	4.8	64.5	69.7	73.2	75.0	75.5	75.9	76.2	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4
IV ≥ 6000	4.8	65.3	70.6	74.2	76.0	76.5	76.9	77.2	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV ≥ 5000	4.8	67.4	72.9	76.6	78.5	79.0	79.4	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV ≥ 4500	4.8	67.8	73.3	77.0	79.0	79.5	79.9	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.4
IV ≥ 4000	4.9	70.1	75.9	80.0	82.1	82.7	83.2	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.8
IV ≥ 3500	4.9	71.0	76.9	81.2	83.3	84.0	84.5	84.9	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1
IV ≥ 3000	4.9	72.3	78.5	83.0	85.2	85.9	86.5	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.1	87.1
IV ≥ 2500	4.9	73.0	79.3	83.8	86.1	86.8	87.4	87.8	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV ≥ 2000	4.9	73.9	80.4	85.0	87.4	88.2	88.8	89.2	89.3	89.4	89.4	89.4	89.4	89.4	89.5	89.5
IV ≥ 1800	4.9	74.1	80.6	85.3	87.7	88.5	89.1	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.8	89.8
IV ≥ 1500	4.9	74.8	81.6	86.4	89.0	89.8	90.6	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.3	91.3
IV ≥ 1200	4.9	75.6	82.4	87.4	90.1	90.9	91.8	92.2	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV ≥ 1000	4.9	75.8	82.8	88.0	90.9	91.9	92.9	93.4	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.8
IV ≥ 900	4.9	76.0	83.1	88.3	91.3	92.3	93.3	93.8	94.0	94.1	94.1	94.1	94.1	94.1	94.2	94.2
IV ≥ 800	4.9	76.2	83.5	88.8	91.9	92.9	94.0	94.6	94.7	94.9	94.9	94.9	94.9	94.9	95.0	95.0
IV ≥ 700	4.9	76.3	83.7	89.1	92.3	93.4	94.6	95.2	95.4	95.5	95.5	95.5	95.5	95.6	95.6	95.6
IV ≥ 600	4.9	76.3	83.8	89.3	92.6	93.7	95.0	95.7	95.9	96.1	96.2	96.2	96.2	96.3	96.3	96.3
IV ≥ 500	4.9	76.4	83.8	89.4	92.9	94.2	95.7	96.4	96.7	96.9	97.0	97.0	97.0	97.1	97.1	97.1
IV ≥ 400	4.9	76.4	83.9	89.6	93.2	94.5	96.1	97.2	97.6	97.9	98.0	98.0	98.1	98.1	98.1	98.1
IV ≥ 300	4.9	76.4	83.9	89.6	93.2	94.7	96.3	97.6	98.1	98.5	98.6	98.6	98.7	98.7	98.7	98.8
IV ≥ 200	4.9	76.4	83.9	89.6	93.2	94.7	96.5	97.8	98.4	98.9	99.0	99.0	99.2	99.2	99.2	99.3
IV ≥ 100	4.9	76.4	83.9	89.6	93.2	94.7	96.5	97.8	98.4	98.9	99.1	99.1	99.3	99.4	99.6	99.8
IV ≥ 0	4.9	76.4	83.9	89.6	93.2	94.7	96.5	97.8	98.4	98.9	99.1	99.1	99.3	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1775

ANDREWS AFB MD

69-70,73-80

OCT

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	≥ 1/16	≥ 0	
NO CEILING	5.9	54.7	57.1	58.3	58.8	59.0	59.2	59.5	59.5	59.5	59.7	59.7	59.7	59.8	59.9	59.9
≥ 20000	6.0	57.5	59.9	61.1	61.8	62.0	62.3	62.5	62.5	62.5	62.7	62.7	62.7	62.8	62.9	62.9
IV 18000	6.0	57.5	59.9	61.1	61.8	62.0	62.3	62.5	62.5	62.5	62.7	62.7	62.7	62.8	62.9	62.9
IV 16000	6.0	57.5	59.9	61.1	61.8	62.0	62.3	62.5	62.5	62.5	62.7	62.7	62.7	62.8	62.9	62.9
IV 14000	6.0	58.1	60.4	61.6	62.4	62.6	62.8	63.0	63.0	63.0	63.2	63.2	63.2	63.3	63.4	63.4
IV 12000	6.1	59.6	61.9	63.1	63.9	64.1	64.3	64.5	64.5	64.5	64.7	64.7	64.7	64.8	64.9	64.9
IV 10000	6.5	65.1	67.5	68.7	69.5	69.7	69.9	70.1	70.1	70.1	70.3	70.3	70.3	70.4	70.5	70.5
IV 9000	6.5	65.3	67.7	69.2	70.0	70.2	70.5	70.8	70.8	70.8	71.0	71.0	71.0	71.1	71.2	71.2
IV 8000	6.5	68.0	70.5	72.4	73.1	73.3	73.7	74.0	74.0	74.0	74.2	74.2	74.2	74.3	74.4	74.4
IV 7000	6.5	69.5	72.0	73.9	74.8	75.1	75.4	75.7	75.7	75.7	75.9	75.9	75.9	76.0	76.1	76.1
IV 6000	6.5	70.8	73.4	75.4	76.3	76.6	76.9	77.2	77.2	77.2	77.4	77.4	77.4	77.5	77.6	77.6
IV 5000	6.5	72.9	75.7	77.6	78.6	78.8	79.1	79.5	79.5	79.5	79.7	79.7	79.7	79.8	79.9	79.9
IV 4500	6.5	73.4	76.3	78.3	79.4	79.6	79.9	80.2	80.2	80.2	80.4	80.4	80.4	80.5	80.6	80.6
IV 4000	6.5	76.1	79.2	81.2	82.4	82.6	82.9	83.2	83.2	83.2	83.4	83.4	83.4	83.5	83.7	83.7
IV 3500	6.5	77.4	80.6	82.6	83.9	84.1	84.4	84.7	84.7	84.7	84.9	84.9	84.9	85.1	85.2	85.2
IV 3000	6.5	78.3	82.0	84.1	85.4	85.6	85.9	86.2	86.2	86.2	86.5	86.5	86.5	86.6	86.7	86.7
IV 2500	6.5	79.4	83.3	85.6	87.1	87.3	87.7	88.1	88.1	88.1	88.3	88.3	88.3	88.4	88.5	88.5
IV 2000	6.5	80.1	84.2	86.6	88.1	88.4	88.8	89.1	89.1	89.1	89.4	89.4	89.4	89.5	89.6	89.6
IV 1800	6.5	80.1	84.2	86.7	88.2	88.5	88.9	89.2	89.2	89.2	89.5	89.5	89.5	89.6	89.7	89.7
IV 1500	6.5	80.4	84.6	87.2	88.8	89.1	89.6	89.9	89.9	89.9	90.1	90.1	90.1	90.2	90.3	90.3
IV 1200	6.5	80.9	85.2	87.7	89.5	89.8	90.3	90.6	90.6	90.6	90.9	90.9	90.9	91.0	91.1	91.1
IV 1000	6.5	81.0	85.3	88.1	89.9	90.2	90.8	91.1	91.1	91.1	91.3	91.3	91.3	91.4	91.5	91.5
IV 900	6.5	81.0	85.3	88.2	90.0	90.3	90.9	91.2	91.2	91.2	91.4	91.4	91.4	91.5	91.6	91.6
IV 800	6.5	81.1	85.5	88.5	90.4	90.8	91.3	91.6	91.6	91.6	91.8	91.8	91.8	91.9	92.0	92.0
IV 700	6.5	81.1	85.5	88.8	90.9	91.2	91.7	92.0	92.0	92.0	92.3	92.3	92.3	92.4	92.5	92.5
IV 600	6.5	81.1	85.5	89.0	91.3	91.7	92.3	92.7	92.7	92.7	92.9	92.9	92.9	93.0	93.1	93.1
IV 500	6.5	81.2	85.8	89.4	91.6	92.2	93.1	93.9	93.9	94.0	94.2	94.2	94.2	94.3	94.4	94.4
IV 400	6.5	81.2	85.8	89.4	91.7	92.7	93.9	94.6	94.6	95.1	95.3	95.3	95.3	95.4	95.5	95.5
IV 300	6.5	81.2	85.8	89.4	91.8	93.0	94.3	95.5	95.7	96.2	96.5	96.5	96.5	96.6	96.7	96.7
IV 200	6.5	81.2	85.8	89.5	92.0	93.2	94.9	96.2	96.6	97.6	98.0	98.0	98.0	98.1	98.2	98.3
IV 100	6.5	81.2	85.8	89.5	92.0	93.2	94.9	96.3	96.8	97.8	98.3	98.3	98.3	98.4	98.5	98.6
IV 0	6.5	81.2	85.8	89.5	92.0	93.2	94.9	96.3	96.8	97.8	98.3	98.3	98.3	98.4	98.5	98.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

137 5

ANDREWS AFB MD

69-70,73-80

OCT

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1300-1500  
 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	4.0	51.9	54.9	56.6	57.5	57.5	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.2	58.2	58.5
≥ 20000	4.0	53.9	56.9	58.6	59.6	59.6	60.2	60.4	60.5	60.5	60.5	60.5	60.5	60.6	60.6	61.0
≥ 18000	4.0	53.9	56.9	58.6	59.6	59.6	60.2	60.4	60.5	60.5	60.5	60.5	60.5	60.6	60.6	61.0
≥ 16000	4.0	53.9	56.9	58.6	59.6	59.6	60.2	60.4	60.5	60.5	60.5	60.5	60.5	60.6	60.6	61.0
≥ 14000	4.0	54.6	57.6	59.4	60.3	60.3	61.0	61.2	61.3	61.3	61.3	61.3	61.3	61.4	61.4	61.7
≥ 12000	4.0	55.6	58.6	60.3	61.3	61.3	61.9	62.2	62.3	62.3	62.3	62.3	62.3	62.4	62.4	62.7
≥ 10000	4.0	60.0	63.0	64.7	65.7	65.7	66.3	66.6	66.7	66.7	66.7	66.7	66.7	66.8	66.8	67.1
≥ 9000	4.1	60.4	63.4	65.2	66.1	66.1	66.8	67.0	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.5
≥ 8000	4.1	63.5	66.7	68.8	69.9	69.9	70.5	70.8	70.9	71.0	71.1	71.1	71.1	71.2	71.2	71.5
≥ 7000	4.2	65.1	68.2	70.3	71.5	71.5	72.4	72.6	72.7	72.8	72.9	72.9	73.0	73.0	73.2	73.3
≥ 6000	4.2	65.8	68.9	71.1	72.3	72.3	73.1	73.3	73.4	73.5	73.7	73.7	73.8	73.8	74.0	74.1
≥ 5000	4.2	67.5	70.9	73.0	74.2	74.2	75.1	75.3	75.4	75.5	75.6	75.6	75.7	75.7	75.9	76.0
≥ 4500	4.3	68.1	71.5	73.7	74.8	74.8	75.7	75.9	76.0	76.1	76.2	76.2	76.3	76.3	76.6	76.7
≥ 4000	4.3	71.3	74.9	77.1	78.3	78.3	79.1	79.4	79.5	79.6	79.7	79.7	79.8	79.8	80.0	80.1
≥ 3500	4.3	72.3	76.0	78.3	79.6	79.6	80.4	80.6	80.8	80.9	81.0	81.0	81.2	81.2	81.4	81.5
≥ 3000	4.3	73.8	77.7	80.1	81.4	81.5	82.4	82.6	82.7	82.8	82.9	82.9	83.1	83.1	83.3	83.4
≥ 2500	4.3	74.7	78.7	81.1	82.5	82.6	83.4	83.7	83.9	84.0	84.1	84.1	84.3	84.3	84.5	84.6
≥ 2000	4.3	75.4	79.6	81.9	83.5	83.7	84.5	84.7	84.9	85.1	85.2	85.2	85.4	85.4	85.6	85.7
≥ 1800	4.3	75.5	79.7	82.0	83.8	83.9	84.7	85.2	85.4	85.5	85.6	85.6	85.8	85.8	86.0	86.1
≥ 1500	4.3	75.9	80.1	82.6	84.4	84.5	85.4	85.8	86.0	86.1	86.2	86.2	86.5	86.5	86.7	86.8
≥ 1200	4.3	76.9	81.3	83.8	85.6	85.7	86.7	87.1	87.3	87.4	87.5	87.5	87.7	87.7	88.0	88.1
≥ 1000	4.3	77.0	81.5	84.1	86.1	86.3	87.3	87.7	88.0	88.1	88.2	88.2	88.4	88.4	88.6	88.7
≥ 900	4.3	77.0	81.5	84.3	86.3	86.6	87.5	88.0	88.2	88.3	88.4	88.4	88.6	88.6	88.8	88.9
≥ 800	4.3	77.1	81.6	84.5	86.7	87.0	88.0	88.5	88.7	88.8	88.9	88.9	89.1	89.1	89.4	89.5
≥ 700	4.3	77.1	81.7	84.7	87.3	87.6	88.6	89.1	89.4	89.5	89.6	89.6	89.8	89.8	90.0	90.1
≥ 600	4.3	77.2	81.8	85.1	87.8	88.2	89.2	89.9	90.1	90.2	90.3	90.3	90.5	90.5	90.8	90.9
≥ 500	4.3	77.2	81.8	85.4	88.4	88.7	89.9	90.9	91.1	91.2	91.3	91.3	91.5	91.5	91.7	91.8
≥ 400	4.3	77.2	81.9	85.5	88.6	89.5	91.0	92.0	92.6	93.1	93.2	93.2	93.4	93.4	93.7	93.8
≥ 300	4.3	77.2	81.9	85.5	88.8	89.8	91.5	93.2	94.0	94.7	94.9	94.9	95.2	95.2	95.4	95.5
≥ 200	4.3	77.2	81.9	85.5	88.8	89.8	91.6	93.7	94.6	95.4	95.7	95.7	96.1	96.1	96.3	96.7
≥ 100	4.3	77.2	81.9	85.5	88.8	89.8	91.6	93.8	94.9	95.7	96.1	96.1	96.2	96.8	97.1	97.8
≥ 0	4.3	77.2	81.9	85.5	88.8	89.8	91.6	93.8	94.9	95.7	96.1	96.2	96.8	97.1	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1975

ANDREWS AFB MD

69-70,73-85

OCT

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0200  
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	3.9	43.1	48.8	50.5	52.5	52.8	53.5	53.9	53.9	53.9	54.3	54.3	54.3	54.3	54.8	55.1
≥ 20000	3.9	46.6	52.8	54.8	56.8	57.1	57.8	58.2	58.2	58.2	58.6	58.6	58.6	58.6	59.2	59.5
≥ 18000	3.9	46.7	52.9	54.9	56.9	57.2	58.0	58.3	58.3	58.3	58.7	58.7	58.7	58.7	59.4	59.6
≥ 16000	3.9	46.7	52.9	54.9	56.9	57.2	58.0	58.3	58.3	58.3	58.7	58.7	58.7	58.7	59.4	59.6
≥ 14000	3.9	47.2	53.4	55.5	57.4	57.7	58.5	58.8	58.8	58.8	59.2	59.2	59.2	59.2	59.9	60.1
≥ 12000	3.9	47.8	54.7	56.9	58.8	59.1	59.9	60.2	60.2	60.2	60.6	60.6	60.6	60.6	61.3	61.5
≥ 10000	3.9	50.5	57.5	60.0	62.3	62.6	63.4	63.8	63.9	64.0	64.4	64.4	64.4	64.4	65.1	65.3
≥ 9000	4.0	51.2	58.2	60.6	63.0	63.3	64.2	64.5	64.6	64.7	65.2	65.2	65.2	65.2	65.8	66.0
≥ 8000	4.0	54.3	61.5	64.1	66.5	66.8	67.6	68.0	68.1	68.2	68.6	68.6	68.6	68.6	69.2	69.5
≥ 7000	4.0	55.4	62.7	65.3	67.7	68.1	69.0	69.4	69.5	69.6	70.0	70.0	70.0	70.0	70.6	70.9
≥ 6000	4.0	56.5	63.9	66.6	69.0	69.4	70.3	70.8	70.9	71.0	71.4	71.4	71.4	71.4	72.0	72.3
≥ 5000	4.1	59.0	66.6	69.5	72.2	72.5	73.4	73.9	74.0	74.1	74.5	74.5	74.5	74.5	75.2	75.4
≥ 4500	4.1	60.0	67.7	70.6	73.3	73.7	74.8	75.3	75.4	75.5	75.9	75.9	75.9	75.9	76.6	76.8
≥ 4000	4.7	62.4	70.4	73.7	76.6	77.0	78.3	78.7	78.8	78.9	79.4	79.4	79.4	79.5	80.1	80.3
≥ 3500	4.7	63.1	71.2	74.4	77.5	78.0	79.2	79.7	79.8	79.9	80.3	80.3	80.4	80.4	81.1	81.3
≥ 3000	4.8	64.3	72.6	76.0	79.1	79.6	81.0	81.5	81.7	82.0	82.5	82.5	82.6	82.6	83.2	83.4
≥ 2500	4.8	64.8	73.4	76.9	80.0	80.4	81.8	82.5	82.7	83.0	83.4	83.4	83.5	83.5	84.2	84.4
≥ 2000	4.8	65.3	74.1	77.6	81.0	81.5	83.1	83.8	84.1	84.4	84.8	84.8	84.9	84.9	85.6	85.8
≥ 1800	4.8	65.6	74.4	78.0	81.3	81.8	83.4	84.1	84.4	84.7	85.2	85.2	85.3	85.3	85.9	86.1
≥ 1500	4.8	65.9	74.7	78.3	81.7	82.3	84.1	84.8	85.2	85.5	85.9	85.9	86.1	86.1	86.8	87.0
≥ 1200	4.9	66.6	75.6	79.2	82.7	83.2	85.2	85.9	86.5	86.9	87.3	87.3	87.5	87.5	88.2	88.4
≥ 1000	4.9	66.7	75.8	79.6	83.0	83.5	85.6	86.3	86.9	87.3	87.8	87.8	88.1	88.1	88.7	88.9
≥ 900	4.9	66.9	76.0	79.8	83.2	83.9	85.9	86.7	87.2	87.6	88.2	88.2	88.4	88.4	89.0	89.2
≥ 800	4.9	67.0	76.1	79.9	83.3	84.1	86.5	87.3	87.8	88.3	88.8	88.8	89.0	89.0	89.7	89.9
≥ 700	4.9	67.2	76.3	80.3	83.9	84.7	87.1	88.2	88.7	89.1	89.7	89.7	89.9	89.9	90.5	90.8
≥ 600	4.9	67.2	76.3	80.3	83.9	84.7	87.4	88.5	89.0	89.5	90.0	90.0	90.2	90.2	90.9	91.1
≥ 500	4.9	67.5	76.7	80.6	84.5	85.6	88.7	90.1	90.6	91.2	91.7	91.7	91.9	91.9	92.6	92.9
≥ 400	4.9	67.6	76.8	80.9	84.7	85.8	89.7	91.2	92.3	92.9	93.4	93.4	93.7	93.7	94.3	94.6
≥ 300	4.9	67.6	76.8	80.9	84.8	86.0	90.1	91.8	93.0	94.1	94.7	94.7	95.1	95.1	95.7	96.0
≥ 200	4.9	67.6	76.8	80.9	84.8	86.0	90.2	91.9	93.1	94.4	95.3	95.3	95.8	95.8	96.6	97.2
≥ 100	4.9	67.6	76.8	80.9	84.8	86.0	90.4	92.3	93.4	94.8	95.9	95.9	96.7	96.7	96.9	97.6
≥ 0	4.9	67.6	76.8	80.9	84.8	86.0	90.4	92.3	93.4	94.8	95.9	95.9	96.7	96.7	96.9	97.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13775

ANDREWS AFB MD

69-70, 73-80

OCT

STATION

STATION NAME

YEARS

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	≥5/16	¾	≥0
NO CEILING	5.4	50.8	52.9	54.0	54.3	54.4	54.5	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.8
≥ 20000	5.7	56.8	59.5	60.6	61.0	61.1	61.3	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.6
≥ 18000	5.7	56.8	59.5	60.6	61.0	61.1	61.3	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.6
≥ 16000	5.7	56.8	59.5	60.6	61.0	61.1	61.3	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.6
≥ 14000	5.7	58.6	60.6	61.8	62.2	62.3	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.8
≥ 12000	5.7	58.6	61.3	62.5	62.8	62.9	63.1	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.4
≥ 10000	5.8	61.2	64.3	65.5	65.9	66.0	66.2	66.3	66.3	66.3	66.5	66.5	66.5	66.5	66.5	66.6
≥ 9500	5.3	62.0	65.5	66.7	67.1	67.3	67.5	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.8
≥ 8000	6.0	65.5	69.0	70.4	70.9	71.1	71.3	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.6
≥ 7000	6.7	66.6	70.3	71.7	72.2	72.4	72.6	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.9
≥ 6000	6.7	67.0	70.8	72.2	72.6	72.8	73.0	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.3
≥ 5000	6.5	68.9	72.7	74.2	74.8	75.1	75.3	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.6
≥ 4500	6.5	69.8	73.5	75.3	75.9	76.1	76.3	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.7
≥ 4000	6.5	72.9	77.1	79.3	80.1	80.4	80.8	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.1
≥ 3500	6.7	73.9	78.2	80.2	81.3	81.6	81.9	82.0	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.3
≥ 3000	6.7	75.2	80.2	82.4	83.5	84.0	84.3	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.6
≥ 2500	6.7	75.6	80.9	83.0	84.3	84.7	85.1	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.4
≥ 2000	6.7	76.7	82.0	84.2	85.7	86.2	86.6	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.1
≥ 1800	6.7	77.1	82.5	84.6	86.1	86.7	87.0	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.5
≥ 1500	6.7	77.6	83.2	85.5	87.0	87.5	88.0	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.5
≥ 1200	6.7	78.2	83.8	86.0	87.6	88.3	88.9	89.4	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.7
≥ 1000	6.7	78.6	84.3	86.6	88.4	89.5	90.3	90.8	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.1
≥ 900	6.7	78.8	84.5	86.8	88.6	89.8	90.9	91.3	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.6
≥ 800	6.7	79.1	84.7	87.1	88.9	90.2	91.4	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.3
≥ 700	6.7	79.5	85.2	87.6	89.5	90.8	92.0	92.7	92.8	92.8	92.9	92.9	92.9	92.9	92.9	93.1
≥ 600	6.7	79.6	85.3	87.7	89.6	91.0	93.1	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.4
≥ 500	6.7	79.6	85.5	88.2	90.2	91.9	94.2	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.6
≥ 400	6.7	79.6	85.5	88.4	90.4	92.3	95.1	96.1	96.3	96.3	96.6	96.8	96.8	96.9	96.9	97.2
≥ 300	6.7	79.6	85.5	88.4	90.4	92.4	95.5	97.0	97.2	97.2	97.6	98.3	98.3	98.6	98.6	98.9
≥ 200	6.7	79.6	85.5	88.4	90.4	92.4	95.6	97.3	97.5	97.5	98.3	98.9	98.9	99.5	99.5	99.9
≥ 100	6.7	79.6	85.5	88.4	90.4	92.5	95.7	97.4	97.6	97.6	98.4	99.0	99.0	99.6	99.6	100.0
≥ 0	6.7	79.6	85.5	88.4	90.4	92.5	95.7	97.4	97.6	97.6	98.4	99.0	99.0	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1375

ANDREWS AFB MD

69-70, 73-80

OCT

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	6.5	52.2	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 20000	7.5	59.1	60.0	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
IV 18000	7.5	59.6	60.4	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
IV 16000	7.5	59.6	60.4	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
IV 14000	7.7	61.5	62.4	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
IV 12000	7.7	62.5	63.3	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
IV 10000	7.8	65.6	66.6	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
IV 9000	7.8	66.9	68.2	68.5	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 8000	7.8	70.4	71.7	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 7000	7.8	71.3	72.6	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
IV 6000	7.8	71.8	73.1	73.5	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 5000	8.2	74.3	76.1	76.6	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 4500	8.2	75.2	77.0	77.5	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IV 4000	8.3	78.8	80.9	81.5	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 3500	8.4	80.3	82.4	83.0	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 3000	8.4	83.0	85.3	86.1	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 2500	8.4	83.9	86.3	87.3	87.7	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 2000	8.5	85.3	88.0	89.4	89.9	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 1800	8.5	85.3	88.0	89.4	89.9	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 1500	8.5	86.0	88.8	90.8	91.3	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 1200	8.5	87.0	90.0	92.3	92.8	93.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 1000	8.5	87.2	91.2	92.6	93.3	93.8	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 900	8.5	87.2	90.2	92.7	93.4	93.9	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 800	8.5	87.5	90.5	93.0	93.8	94.2	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 700	8.5	87.5	91.8	93.2	94.1	94.5	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 600	8.5	87.6	90.9	93.3	94.3	95.1	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 500	8.5	87.7	91.1	93.7	95.1	95.9	97.1	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 400	8.5	87.8	91.2	93.8	95.2	96.2	97.4	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 300	8.5	87.8	91.2	93.8	95.2	96.3	98.1	98.9	99.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	8.5	87.8	91.2	93.8	95.2	96.3	98.1	98.9	99.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	8.5	87.8	91.2	93.8	95.2	96.3	98.1	98.9	99.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	8.5	87.8	91.2	93.8	95.2	96.3	98.1	98.9	99.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIM. OLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1775

ANDREWS AFB MD

69-70,73-80

OCT

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	≥5/16	≥¼	≥0
NO CEILING	7.1	54.3	54.9	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
≥ 20000	7.5	61.2	61.8	62.4	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
≥ 18000	8.1	62.6	63.2	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 16000	8.1	62.9	63.5	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 14000	9.2	64.7	64.7	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 12000	8.5	65.4	66.1	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 10000	8.6	68.1	68.8	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 9500	8.6	68.5	69.6	70.1	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
≥ 8000	8.5	71.8	73.1	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
≥ 7000	8.9	73.8	75.1	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 6000	8.9	74.9	76.2	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 5000	9.1	77.1	78.8	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 4500	9.1	78.3	80.0	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
≥ 4000	9.6	83.2	85.1	85.7	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 3500	9.6	84.3	86.5	87.2	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 3000	9.7	86.5	89.1	89.8	90.2	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 2500	9.7	87.7	90.3	91.4	91.8	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2000	9.7	88.4	91.1	92.4	93.1	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1800	9.7	88.4	91.1	92.6	93.3	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1500	9.7	88.8	91.5	93.1	94.0	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1200	9.7	89.7	92.5	94.2	95.2	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1000	9.7	90.1	92.9	94.6	95.6	96.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 900	9.7	90.1	93.7	94.7	95.7	96.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	9.7	90.1	93.0	94.7	95.9	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 700	9.7	90.1	93.2	94.9	96.3	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 600	9.7	90.1	93.2	94.9	96.3	97.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 500	9.7	90.2	93.3	95.1	96.6	97.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400	9.7	90.2	93.3	95.1	96.6	97.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 300	9.7	90.2	93.3	95.2	96.8	97.8	99.1	99.4	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	9.7	90.2	93.3	95.2	96.8	97.8	99.1	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	9.7	90.2	93.3	95.2	96.8	97.8	99.1	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	9.7	90.2	93.3	95.2	96.8	97.8	99.1	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

53



CEILING CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1975

ANDREWS AFB MD

69-70,73-80

OCT

STATION

STATION NAME

YEARS

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	5.7	58.4	59.4	59.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 20000	5.8	62.7	63.7	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
≥ 18000	5.9	63.3	64.3	64.6	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 16000	5.9	63.4	64.4	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
≥ 14000	5.9	64.7	65.7	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
≥ 12000	6.1	66.1	67.1	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 10000	6.3	69.4	70.5	71.1	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 9000	6.5	69.9	71.3	71.8	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 8000	6.5	72.0	73.4	74.0	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 7000	6.5	74.0	75.4	75.9	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 6000	6.5	74.8	76.3	76.9	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 5000	6.5	77.7	79.2	79.8	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 4500	6.5	79.3	80.6	81.2	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 4000	7.0	83.2	85.1	85.8	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 3500	7.3	85.1	86.9	87.7	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 3000	7.3	86.7	88.7	90.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 2500	7.3	87.5	89.7	91.0	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2000	7.3	88.1	90.5	91.8	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1800	7.3	88.1	90.5	91.8	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1500	7.3	88.6	91.1	92.6	94.0	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1200	7.3	89.2	91.7	93.2	94.7	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1000	7.3	89.6	92.0	93.7	95.5	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 900	7.3	89.7	92.2	93.8	95.6	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 800	7.3	89.8	92.3	94.0	95.8	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 700	7.3	89.8	92.4	94.2	96.1	96.5	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 600	7.3	89.8	92.4	94.2	96.2	96.7	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 500	7.3	90.0	92.6	94.5	96.8	97.3	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 400	7.3	90.0	92.6	94.5	96.8	97.3	97.7	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 300	7.3	90.0	92.6	94.5	97.0	97.5	98.0	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 200	7.3	90.1	92.7	94.6	97.2	97.7	98.2	98.8	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	7.3	90.1	92.7	94.6	97.2	97.7	98.2	98.8	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	7.3	90.1	92.7	94.6	97.2	97.7	98.2	98.8	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1975  
STATION

ANDREWS AFB MD  
STATION NAME

69-70,73-80  
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	5.3	58.6	59.7	60.0	60.3	60.3	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 20000	5.4	63.0	64.1	64.4	64.9	64.9	64.9	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 18000	5.4	63.1	64.2	64.5	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 16000	5.4	63.1	64.2	64.5	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 14000	5.4	64.5	65.6	65.9	66.5	66.5	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 12000	5.8	66.9	68.0	68.3	68.8	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 10000	6.1	70.1	71.3	71.6	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 9000	6.1	70.4	71.6	72.0	72.7	72.8	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 8000	6.2	72.0	73.2	73.8	74.5	74.6	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 7000	6.2	73.3	74.7	75.3	76.0	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 6000	6.2	74.3	75.7	76.2	77.0	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 5000	6.2	75.9	77.8	78.6	79.4	79.5	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 4500	6.2	77.2	79.5	80.2	81.0	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 4000	6.2	79.9	82.5	83.4	84.2	84.4	84.4	84.4	84.4	84.5	84.6	84.6	84.6	84.6	84.6	84.6
≥ 3500	6.8	81.1	83.7	84.6	85.5	85.7	85.7	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 3000	6.8	82.9	85.6	86.8	87.7	88.1	88.3	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 2500	6.8	84.1	86.8	88.3	89.4	89.7	89.9	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 2000	6.8	84.3	87.1	88.6	89.7	90.0	90.3	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 1800	6.8	84.5	87.4	88.9	90.0	90.3	90.6	90.6	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1500	6.8	85.6	88.6	90.1	91.3	91.7	92.0	92.0	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1200	6.8	86.8	89.8	91.3	92.5	92.9	93.2	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1000	6.8	87.1	90.2	92.3	93.4	93.9	94.2	94.2	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5
≥ 900	6.8	87.2	90.3	92.4	93.5	94.0	94.3	94.3	94.4	94.5	94.6	94.6	94.6	94.6	94.6	94.6
≥ 800	6.8	87.3	90.5	92.7	93.9	94.3	94.6	94.6	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9
≥ 700	6.8	87.5	91.1	93.1	94.3	94.7	95.1	95.1	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5
≥ 600	6.8	87.7	91.2	93.5	94.9	95.4	95.7	95.9	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3
≥ 500	6.8	87.7	91.2	93.5	95.1	95.7	96.2	96.5	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9
≥ 400	6.8	87.8	91.3	93.7	95.2	95.9	96.7	97.2	97.5	97.8	98.0	98.0	98.0	98.0	98.0	98.0
≥ 300	6.8	87.8	91.3	93.7	95.2	95.9	96.8	97.8	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	6.8	87.8	91.3	93.7	95.2	95.9	96.8	97.8	98.4	98.8	99.0	99.0	99.1	99.1	99.2	99.2
≥ 100	6.8	87.8	91.3	93.7	95.2	95.9	96.8	98.0	98.5	98.9	99.1	99.1	99.5	99.6	99.8	99.9
≥ 0	6.8	87.8	91.3	93.7	95.2	95.9	96.8	98.0	98.5	98.9	99.1	99.1	99.5	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

15775

ANDREWS AFB MD

69-70,73-80

OCT

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	¾	≥0
NO CEILING ≥ 20000	5.5	53.0	55.1	55.9	56.5	56.6	56.8	56.8	56.9	56.9	57.0	57.0	57.0	57.0	57.1	57.2
IV 18000	5.7	57.6	59.8	60.8	61.4	61.5	61.7	61.8	61.8	61.8	61.9	61.9	61.9	61.9	62.1	62.1
IV 16000	5.8	57.9	60.2	61.1	61.7	61.8	62.0	62.1	62.2	62.2	62.3	62.3	62.3	62.3	62.4	62.5
IV 14000	5.8	58.0	60.2	61.1	61.8	61.9	62.1	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.5	62.5
IV 12000	5.8	59.1	61.3	62.2	62.9	63.0	63.2	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.6	63.6
IV 10000	6.1	60.3	62.6	63.6	64.2	64.3	64.5	64.6	64.6	64.7	64.7	64.7	64.8	64.8	64.9	64.9
IV 9000	6.1	63.7	66.2	67.2	67.9	68.3	68.2	68.3	68.4	68.4	68.5	68.5	68.5	68.5	68.6	68.7
IV 8000	6.2	64.3	66.9	68.0	68.8	68.9	69.1	69.2	69.3	69.3	69.4	69.4	69.4	69.4	69.5	69.6
IV 7000	6.2	67.2	69.9	71.2	71.9	72.0	72.3	72.4	72.4	72.5	72.6	72.6	72.6	72.6	72.7	72.8
IV 6000	6.3	68.6	71.4	72.6	73.4	73.5	73.8	74.0	74.0	74.0	74.1	74.1	74.2	74.2	74.3	74.3
IV 5000	6.3	69.5	72.3	73.6	74.4	74.5	74.8	74.9	75.0	75.0	75.1	75.1	75.1	75.1	75.3	75.3
IV 4500	6.4	71.7	74.7	76.1	77.0	77.1	77.4	77.5	77.6	77.6	77.7	77.7	77.7	77.7	77.8	77.9
IV 4000	6.4	72.6	75.8	77.2	78.1	78.2	78.5	78.7	78.7	78.8	78.9	78.9	78.9	78.9	79.0	79.1
IV 3500	6.6	76.0	79.4	80.9	82.0	82.1	82.5	82.7	82.7	82.7	82.8	82.8	82.9	82.9	83.0	83.1
IV 3000	6.8	77.2	80.7	82.3	83.4	83.5	83.9	84.1	84.1	84.2	84.3	84.3	84.3	84.3	84.4	84.5
IV 2500	6.8	78.8	82.6	84.4	85.7	85.9	86.3	86.5	86.5	86.6	86.7	86.7	86.7	86.7	86.9	86.9
IV 2000	6.8	79.7	83.7	85.6	86.9	87.1	87.6	87.7	87.8	87.8	88.0	88.0	88.0	88.0	88.1	88.2
IV 1800	6.8	80.6	84.7	86.7	88.2	88.5	89.0	89.2	89.3	89.4	89.5	89.5	89.5	89.5	89.6	89.7
IV 1500	6.8	81.1	85.3	87.5	89.1	89.3	89.9	90.1	90.2	90.3	90.4	90.4	90.5	90.5	90.6	90.6
IV 1200	6.9	81.9	86.2	88.5	90.1	90.4	91.1	91.3	91.4	91.5	91.6	91.6	91.7	91.7	91.8	91.9
IV 1000	6.9	82.2	86.5	88.9	90.7	91.1	91.8	92.1	92.2	92.3	92.4	92.4	92.5	92.5	92.6	92.7
IV 900	6.9	82.2	86.6	89.1	90.8	91.3	92.1	92.3	92.5	92.5	92.7	92.7	92.7	92.7	92.9	92.9
IV 800	6.9	82.4	86.8	89.3	91.1	91.7	92.5	92.8	92.9	93.0	93.1	93.1	93.2	93.2	93.3	93.4
IV 700	6.9	82.5	87.0	89.6	91.5	92.1	93.0	93.4	93.5	93.6	93.7	93.7	93.8	93.8	93.9	94.0
IV 600	6.9	82.5	87.1	89.8	91.8	92.5	93.6	94.0	94.2	94.2	94.4	94.4	94.4	94.4	94.6	94.6
IV 500	6.9	82.6	87.2	90.0	92.3	93.1	94.4	95.1	95.2	95.3	95.5	95.5	95.5	95.6	95.7	95.8
IV 400	6.9	82.7	87.3	90.1	92.4	93.4	95.0	95.8	96.1	96.5	96.6	96.6	96.7	96.7	96.8	96.9
IV 300	6.9	82.7	87.3	90.1	92.5	93.6	95.4	96.5	96.9	97.5	97.7	97.7	97.8	97.8	98.0	98.1
IV 200	6.9	82.7	87.3	90.2	92.6	93.7	95.6	96.8	97.3	98.0	98.3	98.3	98.5	98.5	98.7	98.9
IV 100	6.9	82.7	87.3	90.2	92.6	93.7	95.6	96.9	97.4	98.1	98.5	98.5	98.8	98.8	98.9	99.3
IV 0	6.9	82.7	87.3	90.2	92.6	93.7	95.6	96.9	97.4	98.1	98.5	98.5	98.8	98.9	99.3	99.8

TOTAL NUMBER OF OBSERVATIONS

7440

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13715

ANDREWS AFB MD

69-70,73-80

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	1.2	53.2	53.8	54.1	54.2	54.3	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.7	54.8	55.0
≥ 20000	1.2	55.7	56.4	56.8	56.9	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.3	57.4	57.7
IV 18000	1.2	55.8	56.6	56.9	57.0	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.4	57.6	57.8
IV 16000	1.2	55.9	56.7	57.0	57.1	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.6	57.7	57.9
IV 14000	1.2	56.4	57.2	57.6	57.7	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.1	58.2	58.4
IV 12000	1.2	57.7	58.4	58.8	58.9	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.3	59.4	59.7
IV 10000	1.2	62.3	63.4	64.3	64.4	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.9	65.0	65.2
IV 9000	1.2	62.6	63.7	64.6	64.7	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.1	65.2	65.4
IV 8000	1.2	65.0	66.3	67.2	67.4	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.9	68.0	68.2
IV 7000	1.2	66.3	67.7	68.6	68.8	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.2	69.3	69.6
≥ 6000	1.2	69.1	70.4	71.3	71.9	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.3	72.4	72.7
IV 5000	1.4	71.2	72.7	73.6	74.1	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.6	74.7	74.9
IV 4500	1.4	71.9	73.6	74.4	75.0	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.6	75.8
IV 4000	1.6	74.1	76.7	77.2	77.9	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3	78.4	78.7
IV 3500	1.6	75.9	78.1	79.3	80.0	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.6	80.7
IV 3000	1.6	77.2	79.4	80.8	81.6	81.7	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.2	82.4
IV 2500	1.6	78.2	80.7	82.1	82.9	83.0	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.4	83.6	83.7
IV 2000	1.6	79.0	81.7	83.2	84.0	84.1	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.6	84.7	84.9
IV 1800	1.6	79.1	81.9	83.7	84.4	84.6	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.0	85.1	85.2
IV 1500	1.6	79.7	82.4	84.3	85.1	85.2	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.8	86.0
IV 1200	1.6	79.9	82.7	84.6	85.3	85.4	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9	86.0	86.1
IV 1000	1.6	80.9	83.7	85.7	86.4	86.6	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.0	87.1	87.2
IV 900	1.6	80.9	83.9	85.9	86.7	86.8	87.2	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.6	87.7	87.8
IV 800	1.6	80.9	84.3	86.7	87.6	87.9	88.8	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.1	89.2	89.3
IV 700	1.6	81.3	84.9	87.4	88.4	88.9	89.8	89.9	89.9	90.0	90.0	90.0	90.1	90.1	90.2	90.3	90.4
IV 600	1.6	81.4	85.0	87.6	89.0	89.4	90.3	90.6	90.6	90.7	90.7	90.8	90.8	90.8	90.9	91.0	91.1
IV 500	1.6	81.7	85.4	88.1	89.8	90.4	91.7	92.0	92.0	92.3	92.3	92.4	92.4	92.6	92.7	92.7	92.8
IV 400	1.6	81.7	85.4	88.4	90.8	91.7	93.1	94.1	94.1	94.4	94.4	94.6	94.6	94.7	94.8	95.0	95.1
IV 300	1.6	81.7	85.4	88.4	91.0	91.9	93.9	94.9	95.0	95.6	95.7	95.8	95.8	95.9	96.0	96.2	96.3
IV 200	1.6	81.7	85.4	88.4	91.1	92.1	94.4	95.4	95.6	96.6	96.9	97.0	97.1	97.2	97.3	97.6	97.7
IV 100	1.6	81.7	85.4	88.4	91.1	92.1	94.4	95.8	96.0	97.4	97.9	98.0	98.4	98.6	99.1	99.6	99.7
IV 0	1.6	81.7	85.4	88.4	91.1	92.1	94.4	95.8	96.0	97.4	98.1	98.2	98.7	98.8	99.3	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1375

ANDREWS AFB MD

69-70,73-80

NOV

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	2.4	53.2	54.1	54.7	55.3	55.6	55.8	56.0	56.0	56.1	56.2	56.2	56.3	56.4	56.6	56.6
IV 20000	2.4	55.7	56.6	57.1	57.8	58.0	58.2	58.4	58.4	58.6	58.7	58.7	58.8	58.9	59.0	59.0
IV 18000	2.4	55.8	56.7	57.2	57.9	58.1	58.3	58.6	58.6	58.7	58.8	58.8	58.9	59.0	59.1	59.1
IV 16000	2.4	55.8	56.7	57.2	57.9	58.1	58.3	58.6	58.6	58.7	58.8	58.8	58.9	59.0	59.1	59.1
IV 14000	2.4	56.0	56.9	57.4	58.1	58.3	58.6	58.8	58.8	58.9	59.0	59.0	59.1	59.2	59.3	59.3
IV 12000	2.4	57.7	58.6	59.1	59.8	60.0	60.2	60.4	60.4	60.6	60.7	60.7	60.8	60.9	61.1	61.1
IV 10000	2.4	61.2	62.1	62.8	63.4	63.7	63.9	64.1	64.1	64.2	64.3	64.3	64.4	64.6	64.8	64.8
IV 9000	2.4	61.7	62.6	63.2	63.9	64.1	64.3	64.6	64.6	64.7	64.8	64.8	64.9	65.0	65.2	65.2
IV 8000	2.4	63.6	64.4	65.4	66.1	66.3	66.6	66.8	66.8	66.9	67.0	67.0	67.1	67.2	67.4	67.4
IV 7000	2.4	64.8	65.7	66.7	67.3	67.6	67.8	68.0	68.0	68.1	68.2	68.2	68.3	68.4	68.7	68.7
IV 6000	2.4	67.3	68.3	69.3	70.2	70.4	70.7	70.9	70.9	71.0	71.1	71.1	71.2	71.3	71.6	71.6
IV 5000	2.4	70.3	71.4	72.4	73.3	73.6	73.8	74.1	74.1	74.2	74.3	74.3	74.4	74.6	74.8	74.8
IV 4500	2.4	70.9	72.1	73.1	74.0	74.2	74.4	74.8	74.8	74.9	75.0	75.0	75.1	75.2	75.4	75.4
IV 4000	2.4	73.0	74.2	75.2	76.1	76.3	76.6	76.9	76.9	77.0	77.1	77.1	77.2	77.3	77.6	77.6
IV 3500	2.4	73.7	75.7	76.7	77.6	77.8	78.0	78.3	78.3	78.4	78.6	78.6	78.7	78.8	79.0	79.0
IV 3000	2.4	75.3	77.4	78.4	79.3	79.6	79.8	80.1	80.1	80.2	80.4	80.4	80.6	80.7	80.9	80.9
IV 2500	2.4	76.8	79.4	80.6	81.6	81.8	82.0	82.3	82.3	82.4	82.7	82.7	82.8	82.9	83.1	83.1
IV 2000	2.4	77.3	80.0	81.1	82.2	82.6	82.9	83.2	83.2	83.3	83.6	83.6	83.7	83.8	84.0	84.0
IV 1800	2.4	77.3	80.0	81.1	82.2	82.6	82.9	83.2	83.2	83.3	83.6	83.6	83.7	83.8	84.0	84.0
IV 1500	2.4	78.4	81.3	82.4	83.7	84.0	84.3	84.7	84.7	84.8	85.0	85.0	85.1	85.2	85.4	85.4
IV 1200	2.4	79.0	82.0	83.2	84.4	84.8	85.3	85.7	85.7	85.8	86.0	86.0	86.1	86.2	86.4	86.4
IV 1000	2.4	79.3	82.6	83.9	85.2	85.6	86.1	86.4	86.4	86.6	86.8	86.8	86.9	87.0	87.2	87.2
IV 900	2.4	79.3	82.6	83.9	85.2	85.6	86.3	86.7	86.7	86.8	87.0	87.0	87.1	87.2	87.4	87.4
IV 800	2.4	79.4	82.9	84.9	86.2	86.6	87.4	87.8	87.8	88.0	88.3	88.3	88.4	88.6	88.8	88.8
IV 700	2.4	79.6	83.4	85.7	87.2	87.6	88.7	89.1	89.1	89.3	89.7	89.7	89.8	89.9	90.1	90.1
IV 600	2.4	79.8	83.8	86.0	87.7	88.0	89.1	89.6	89.6	89.8	90.2	90.2	90.3	90.4	90.7	90.7
IV 500	2.4	80.1	84.2	86.6	88.7	89.0	90.2	90.8	90.8	91.1	91.6	91.6	91.7	91.8	92.0	92.0
IV 400	2.4	80.2	84.3	86.7	89.1	89.4	90.8	91.4	91.8	92.3	92.9	93.0	93.1	93.2	93.4	93.4
IV 300	2.4	80.2	84.3	86.7	89.2	89.6	91.4	92.4	93.0	94.1	94.7	94.9	95.0	95.1	95.3	95.3
IV 200	2.4	80.2	84.3	86.7	89.3	89.7	91.8	93.1	93.9	95.6	96.2	96.4	96.7	96.8	97.0	97.0
IV 100	2.4	80.2	84.3	86.7	89.3	89.7	91.8	93.3	94.1	96.0	96.8	97.0	97.3	97.6	98.7	99.0
IV 0	2.4	80.2	84.3	86.7	89.3	89.7	91.8	93.3	94.1	96.0	96.8	97.0	97.3	97.6	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13.5

ANDREWS AFB MD

69-70,73-80

NOV

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	≥5/16	≥¼	≥0
NO CEILING	2.9	46.2	48.7	49.8	50.7	51.0	51.2	51.6	51.6	51.7	51.8	51.8	51.8	51.8	52.0	53.0
IV 20000	2.7	49.6	52.4	53.9	54.8	55.1	55.3	55.8	55.9	56.0	56.1	56.1	56.1	56.1	56.3	57.3
IV 18000	2.7	49.9	52.8	54.2	55.1	55.4	55.7	56.1	56.2	56.3	56.4	56.4	56.4	56.4	56.7	57.7
IV 16000	2.7	50.2	53.1	54.6	55.4	55.8	56.0	56.4	56.6	56.7	56.8	56.8	56.8	56.8	57.0	58.0
IV 14000	2.7	50.9	53.8	55.2	56.1	56.4	56.7	57.1	57.2	57.3	57.4	57.4	57.4	57.4	57.7	58.7
IV 12000	2.7	52.6	55.6	57.1	58.0	58.3	58.8	59.2	59.4	59.6	59.7	59.7	59.7	59.7	59.9	60.9
IV 10000	2.9	55.7	58.9	60.7	61.7	62.0	62.4	63.0	63.2	63.3	63.6	63.6	63.6	63.6	63.8	64.9
IV 9000	2.9	56.4	59.8	61.6	62.6	63.0	63.4	64.0	64.2	64.3	64.6	64.6	64.6	64.6	64.8	65.9
IV 8000	3.0	60.1	63.6	65.9	67.1	67.6	68.0	68.7	68.9	69.0	69.2	69.2	69.2	69.2	69.4	70.6
IV 7000	3.0	60.4	63.9	66.2	67.4	67.9	68.3	69.0	69.2	69.3	69.6	69.6	69.6	69.6	69.8	70.9
IV 6000	3.0	61.3	64.8	67.1	68.3	68.8	69.2	69.9	70.1	70.2	70.4	70.4	70.4	70.4	70.7	71.8
IV 5000	3.0	63.9	67.7	70.3	71.7	72.1	72.6	73.2	73.4	73.6	73.8	73.8	73.8	73.8	74.0	75.1
IV 4500	3.0	65.3	69.1	71.8	73.1	73.6	74.0	74.7	74.9	75.0	75.2	75.2	75.2	75.2	75.4	76.6
IV 4000	3.0	67.7	71.8	74.4	75.8	76.2	76.7	77.3	77.6	77.7	77.9	77.9	77.9	77.9	78.1	79.2
IV 3500	3.0	68.3	72.8	75.7	77.0	77.4	78.0	78.7	78.9	79.0	79.2	79.2	79.2	79.2	79.4	80.6
IV 3000	3.0	69.0	73.9	76.9	78.3	78.9	79.4	80.1	80.3	80.4	80.7	80.7	80.7	80.7	80.9	82.0
IV 2500	3.0	70.7	75.7	78.7	80.3	80.9	81.6	82.2	82.4	82.6	82.8	82.8	82.8	82.8	83.0	84.1
IV 2000	3.0	70.8	75.9	79.0	80.7	81.2	82.0	82.7	82.9	83.0	83.2	83.2	83.2	83.2	83.4	84.6
IV 1800	3.0	70.8	75.9	79.1	80.8	81.3	82.1	82.8	83.0	83.1	83.3	83.3	83.3	83.3	83.6	84.7
IV 1500	3.0	71.3	76.8	80.2	81.9	82.6	83.4	84.1	84.3	84.4	84.7	84.7	84.7	84.7	84.9	86.0
IV 1200	3.0	71.6	77.2	80.9	82.7	83.4	84.3	85.0	85.2	85.3	85.6	85.6	85.6	85.6	85.8	86.9
IV 1000	3.0	71.8	77.8	81.6	83.4	84.2	85.1	85.8	86.0	86.1	86.3	86.3	86.3	86.3	86.6	87.7
IV 900	3.0	71.8	77.8	81.6	83.4	84.2	85.2	86.0	86.2	86.3	86.6	86.6	86.6	86.6	86.8	87.9
IV 800	3.0	71.8	77.9	81.9	83.8	84.6	85.7	86.7	86.9	87.0	87.2	87.2	87.2	87.2	87.4	88.6
IV 700	3.0	71.9	78.2	82.3	84.2	85.0	86.4	87.6	87.8	87.9	88.1	88.1	88.1	88.1	88.3	89.4
IV 600	3.0	72.0	78.3	82.6	84.7	85.6	87.1	88.2	88.4	88.6	88.8	88.8	88.8	88.8	89.0	90.1
IV 500	3.0	72.3	78.7	82.9	85.3	86.6	88.1	89.2	89.7	89.9	90.1	90.1	90.1	90.1	90.3	91.4
IV 400	3.0	72.3	78.7	83.0	85.6	86.8	88.7	90.2	90.7	91.0	91.2	91.2	91.2	91.2	91.4	92.6
IV 300	3.0	72.4	78.9	83.3	86.0	87.3	89.9	91.9	92.3	93.0	93.4	93.4	93.4	93.4	93.7	94.8
IV 200	3.0	72.4	78.9	83.3	86.0	87.3	90.1	92.4	93.1	94.1	95.0	95.1	96.0	96.0	96.3	97.6
IV 100	3.0	72.4	78.9	83.3	86.0	87.3	90.1	92.4	93.1	94.2	95.2	95.3	96.6	96.6	97.1	98.9
IV 0	3.0	72.4	78.9	83.3	86.0	87.3	90.1	92.4	93.1	94.2	95.2	95.3	96.6	96.6	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1375

ANDREWS AFB MD

69-70,73-80

NOV

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	≥5/16	¾	≥0
NO CEILING	3.4	48.0	50.0	51.0	51.6	51.8	51.9	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.3
≥ 20000	3.8	53.0	55.2	56.4	57.0	57.2	57.3	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.8
≥ 18000	3.8	53.2	55.4	56.8	57.3	57.6	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.1
≥ 16000	3.8	53.4	55.7	57.0	57.6	57.8	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.3
≥ 14000	3.8	54.1	56.3	57.8	58.3	58.6	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.1
≥ 12000	4.0	56.0	58.2	59.7	60.2	60.4	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	61.0
≥ 10000	4.3	60.7	63.0	64.4	65.3	65.6	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.6
≥ 9000	4.3	61.1	63.6	65.0	65.9	66.1	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	67.1
≥ 8000	4.3	65.0	67.6	69.2	70.2	70.4	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.4
≥ 7000	4.3	66.4	69.0	70.8	71.8	72.0	72.4	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	73.0
≥ 6000	4.3	66.9	69.4	71.2	72.2	72.4	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.4
≥ 5000	4.7	69.2	72.0	74.3	75.3	75.6	76.1	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.8
≥ 4500	4.7	69.8	72.6	74.9	75.9	76.1	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.3
≥ 4000	4.7	71.2	74.3	76.8	77.8	78.4	79.0	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.8
≥ 3500	4.7	71.8	74.9	77.6	78.8	79.6	80.2	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	81.0
≥ 3000	4.7	72.7	76.0	78.7	79.9	80.7	81.3	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	82.1
≥ 2500	4.7	73.1	76.9	79.6	80.8	81.7	82.4	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.3
≥ 2000	4.7	73.4	77.4	80.1	81.4	82.3	83.2	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	84.1
≥ 1800	4.7	73.4	77.6	80.2	81.6	82.4	83.3	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.2
≥ 1500	4.7	73.9	78.0	80.8	82.2	83.3	84.2	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	85.1
≥ 1200	4.7	74.3	78.7	81.7	83.2	84.3	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	86.1
≥ 1000	4.7	74.9	79.3	82.7	84.2	85.3	86.3	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.3
≥ 900	4.7	75.0	79.7	83.0	84.7	85.8	86.8	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.8
≥ 800	4.7	75.4	80.1	83.4	85.1	86.3	87.6	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.7
≥ 700	4.7	75.6	80.2	83.7	85.6	86.9	88.1	88.9	88.9	89.0	89.0	89.0	89.0	89.1	89.1	89.4
≥ 600	4.7	75.7	80.4	84.0	86.6	88.1	89.3	90.2	90.2	90.3	90.3	90.3	90.3	90.4	90.4	90.8
≥ 500	4.7	75.7	80.4	84.1	87.1	89.1	90.8	91.9	92.1	92.2	92.2	92.2	92.3	92.3	92.3	92.7
≥ 400	4.7	75.7	80.4	84.1	87.3	89.4	92.0	93.6	93.8	93.9	93.9	94.0	94.1	94.1	94.1	94.4
≥ 300	4.7	75.7	80.4	84.1	87.7	89.9	92.7	94.8	95.4	96.0	96.2	96.3	96.7	96.7	96.8	97.1
≥ 200	4.7	75.7	80.4	84.1	87.7	89.9	92.7	95.1	96.0	97.1	97.6	97.8	98.6	98.6	98.7	99.1
≥ 100	4.7	75.7	80.4	84.1	87.7	89.9	92.7	95.1	96.0	97.1	97.6	97.8	98.7	98.7	98.8	99.8
≥ 0	4.7	75.7	80.4	84.1	87.7	89.9	92.7	95.1	96.0	97.1	97.6	97.8	98.7	98.7	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12775

ANDREWS AFB MD

69-70,73-80

NOV

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	≥¼	≥0
NO CEILING	3.4	44.9	46.1	46.1	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ 20000	4.3	51.2	52.6	52.6	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 18000	4.3	52.1	53.4	53.4	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 16000	4.3	52.6	53.9	53.9	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 14000	4.3	52.8	54.1	54.1	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 12000	4.4	54.9	56.2	56.2	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 10000	5.0	59.3	60.7	60.8	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 9000	5.0	59.4	60.8	60.9	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 8000	5.1	63.4	65.2	65.6	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 7000	5.1	64.4	66.3	66.8	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 6000	5.2	65.4	67.6	68.0	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 5000	5.6	68.9	71.1	71.7	71.9	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 4500	5.9	70.0	72.2	72.8	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 4000	6.1	75.1	77.6	78.1	78.4	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 3500	6.2	76.7	79.1	79.9	80.2	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 3000	6.4	79.3	81.9	82.8	83.4	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 2500	6.4	79.9	82.8	83.9	84.6	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 2000	6.4	81.2	84.2	85.8	86.6	86.9	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1800	6.4	81.6	84.7	86.3	87.1	87.4	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1500	6.4	82.8	86.1	87.9	88.7	89.1	89.4	89.4	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6
≥ 1200	6.4	83.1	86.7	88.6	89.3	89.9	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1000	6.4	83.3	87.1	89.0	89.9	90.6	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1
≥ 900	6.4	83.4	87.2	89.1	90.1	90.9	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4
≥ 800	6.4	83.6	87.7	89.6	90.6	91.6	92.1	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3
≥ 700	6.4	83.6	87.7	89.8	91.0	92.6	93.3	93.4	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6
≥ 600	6.4	83.6	87.9	90.0	91.6	93.7	94.6	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8
≥ 500	6.4	83.6	87.9	90.1	91.7	94.2	95.9	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3
≥ 400	6.4	83.7	88.0	90.2	91.8	94.7	96.6	97.4	97.4	97.4	97.8	97.8	97.8	97.8	97.8	97.8
≥ 300	6.4	83.7	88.0	90.2	91.8	94.8	96.8	97.9	98.1	98.1	98.6	98.6	98.6	98.6	98.7	98.7
≥ 200	6.4	83.7	88.0	90.2	91.8	94.8	96.8	98.0	98.2	98.2	99.0	99.2	99.2	99.3	99.4	99.7
≥ 100	6.4	83.7	88.0	90.2	91.8	94.8	96.8	98.0	98.2	98.2	99.0	99.2	99.2	99.4	99.6	100.0
≥ 0	6.4	83.7	88.0	90.2	91.8	94.8	96.8	98.0	98.2	98.2	99.0	99.2	99.2	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900



GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1775

ANDREWS AFB MD

69-70,73-80

NOV

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	≥½	≥5/16	≥¼	≥0
NO CEILING	3.2	45.0	45.3	45.8	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 20000	4.3	53.7	54.0	54.4	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 18000	4.3	53.9	54.2	54.7	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 16000	4.3	54.6	54.9	55.3	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 14000	4.3	55.7	56.0	56.4	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 12000	4.3	57.4	58.0	58.6	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 10000	4.8	62.4	63.0	63.7	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 9000	4.8	63.2	63.8	64.4	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 8000	4.8	65.9	67.0	68.0	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 7000	4.8	67.7	68.9	69.9	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 6000	4.9	68.3	69.8	70.9	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 5000	5.0	70.4	72.3	73.4	73.8	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 4500	5.3	71.6	73.7	74.8	75.1	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 4000	5.6	75.7	77.8	79.1	79.4	79.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 3500	5.6	77.0	79.3	81.8	81.1	81.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 3000	5.6	79.0	82.3	84.2	84.8	84.9	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 2500	5.6	80.0	83.3	85.3	86.3	86.4	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 2000	5.6	80.9	84.3	86.4	87.7	87.9	88.3	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 1800	5.6	81.2	84.8	87.0	88.2	88.4	88.9	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1500	5.6	81.4	85.1	87.6	89.2	89.6	90.0	90.3	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1200	5.6	81.8	85.8	88.4	90.6	91.0	91.4	91.8	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1000	5.6	82.0	86.1	88.9	91.2	91.8	92.2	92.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 900	5.6	82.1	86.1	88.9	91.4	92.0	92.7	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 800	5.6	82.1	86.3	89.1	91.7	92.4	93.1	93.4	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 700	5.6	82.2	86.7	89.4	92.1	92.9	93.8	94.4	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 600	5.6	82.2	86.7	89.4	92.1	93.0	94.0	94.7	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 500	5.6	82.2	86.7	89.4	92.1	93.3	94.6	95.6	95.8	96.2	96.3	96.3	96.3	96.3	96.3	96.3
≥ 400	5.6	82.3	86.8	89.6	92.2	93.7	95.2	96.6	96.9	97.4	97.6	97.6	97.6	97.6	97.6	97.6
≥ 300	5.6	82.3	86.8	89.6	92.2	93.7	95.4	96.9	97.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 200	5.6	82.3	86.8	89.6	92.2	93.8	95.8	97.4	97.8	98.8	99.0	99.1	99.1	99.1	99.4	99.4
≥ 100	5.6	82.3	86.8	89.6	92.2	93.8	95.8	97.4	97.8	98.8	99.0	99.1	99.1	99.1	99.4	99.9
≥ 0	5.6	82.3	86.8	89.6	92.2	93.8	95.8	97.4	97.8	98.8	99.0	99.1	99.1	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1775

ANDREWS AFB MD

69-70,73-80

NOV

STATION

STATION NAME

YEARS

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	3.2	52.6	52.8	53.8	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.2
≥ 20000	3.2	58.9	59.1	60.2	60.4	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.7
IV 18000	3.2	59.0	59.2	60.3	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.8
IV 16000	3.2	59.3	59.6	60.7	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.1
IV 14000	3.2	60.2	60.6	61.7	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.1
IV 12000	3.3	62.4	63.1	64.2	64.4	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.7
IV 10000	3.6	66.2	67.2	68.4	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9
IV 9000	3.6	67.0	68.0	69.2	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.7
IV 8000	3.6	68.9	70.3	71.8	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4
IV 7000	3.6	70.4	72.0	73.6	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.2
IV 6000	3.6	71.1	72.8	74.8	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.4
IV 5000	3.6	74.2	75.9	77.9	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.6
IV 4500	3.6	75.1	76.8	78.8	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.4
IV 4000	3.6	78.3	80.1	82.6	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.3
IV 3500	3.6	79.7	81.4	83.9	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.7
IV 3000	3.6	80.9	83.0	85.6	86.3	86.3	86.4	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.8
IV 2500	3.6	81.3	83.6	86.2	87.2	87.2	87.3	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.7
IV 2000	3.6	81.9	84.3	87.2	88.3	88.3	88.4	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.8
IV 1800	3.6	81.9	84.3	87.2	88.3	88.3	88.4	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.8
IV 1500	3.6	82.3	84.8	87.9	89.3	89.3	90.0	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.3
IV 1200	3.6	82.4	85.1	88.4	90.1	90.2	91.0	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.6
IV 1000	3.6	82.4	85.2	88.9	90.6	90.9	91.8	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.3
IV 900	3.6	82.6	85.4	89.1	90.8	91.1	92.0	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.6
IV 800	3.6	82.6	85.6	89.3	91.1	91.6	92.4	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.1
IV 700	3.6	82.6	85.6	89.3	91.4	91.9	92.9	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.6
IV 600	3.6	82.6	85.6	89.4	91.6	92.2	93.2	93.6	93.7	93.9	94.0	94.0	94.0	94.0	94.0	94.1
IV 500	3.6	82.6	85.6	89.7	91.9	92.8	93.9	94.3	94.4	94.7	94.9	94.9	94.9	94.9	94.9	95.0
IV 400	3.6	82.7	85.7	89.8	92.2	93.3	94.8	95.4	95.6	95.9	96.4	96.4	96.4	96.4	96.4	96.6
IV 300	3.6	82.7	85.7	89.8	92.3	93.6	95.1	96.1	96.4	96.8	97.3	97.3	97.3	97.3	97.3	97.4
IV 200	3.6	82.7	85.7	89.8	92.4	93.7	95.7	96.8	97.2	98.0	98.7	98.7	98.7	98.8	98.8	98.9
IV 100	3.6	82.7	85.7	89.8	92.4	93.7	95.7	96.8	97.2	98.2	98.9	98.9	98.9	98.9	99.0	99.8
IV 0	3.6	82.7	85.7	89.8	92.4	93.7	95.7	96.8	97.2	98.2	98.9	98.9	98.9	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
 US AFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

175  
 STATION

ANDREWS AFB MD  
 STATION NAME

69-70,73-80  
 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	≥5/16	¾	≥0
NO CEILING	2.2	56.2	57.0	57.6	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.1
≥ 20000	2.3	60.1	63.9	61.4	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	62.1
≥ 18000	2.3	63.2	61.1	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.3
≥ 16000	2.3	60.6	61.4	62.0	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.7
≥ 14000	2.3	62.1	63.2	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.4
≥ 12000	2.4	62.9	64.0	64.6	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.2
≥ 10000	2.9	65.8	67.4	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.9
≥ 9000	2.9	66.0	67.7	68.4	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	69.1
≥ 8000	2.9	68.1	69.9	70.9	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.8
≥ 7000	2.9	70.1	71.9	72.9	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.8
≥ 6000	2.9	71.7	73.4	74.4	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.3
≥ 5000	2.9	74.0	75.8	76.8	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.7
≥ 4500	2.9	74.9	76.8	77.8	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.7
≥ 4000	2.9	77.0	79.1	80.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.9
≥ 3500	2.9	77.8	81.2	81.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.2
≥ 3000	2.9	79.2	81.9	83.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.3
≥ 2500	2.9	79.9	83.1	85.1	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.8
≥ 2000	2.9	80.0	83.6	86.0	87.2	87.3	87.4	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.9
≥ 1800	2.9	80.0	83.7	86.1	87.3	87.4	87.6	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	88.1
≥ 1500	2.9	80.2	84.0	86.6	87.8	87.9	88.0	88.0	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.7
≥ 1200	2.9	80.3	84.6	87.3	88.6	88.7	88.9	88.9	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.6
≥ 1000	2.9	80.3	84.6	87.3	88.6	88.7	88.9	88.9	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.6
≥ 900	2.9	80.8	85.0	87.8	89.0	89.1	89.3	89.3	89.4	89.7	89.7	89.7	89.7	89.7	89.7	90.0
≥ 800	2.9	81.3	85.7	88.9	90.1	90.2	90.7	90.8	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.4
≥ 700	2.9	81.3	85.7	88.9	90.2	90.3	90.9	91.0	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.7
≥ 600	2.9	81.4	85.8	89.4	91.1	91.3	91.9	92.0	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.7
≥ 500	2.9	81.7	86.0	89.9	91.7	92.0	92.7	92.8	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.4
≥ 400	2.9	81.7	86.1	90.2	92.3	92.8	94.3	95.2	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.9
≥ 300	2.9	81.7	86.1	90.2	92.4	92.9	94.8	96.0	96.2	96.9	97.0	97.0	97.0	97.0	97.0	97.3
≥ 200	2.9	81.7	86.1	90.2	92.4	93.1	95.2	96.7	96.9	98.0	98.1	98.1	98.1	98.2	98.2	98.6
≥ 100	2.9	81.7	86.1	90.2	92.4	93.2	95.4	96.9	97.1	98.2	98.3	98.3	98.3	98.6	98.6	99.6
≥ 0	2.9	81.7	86.1	90.2	92.4	93.2	95.4	96.9	97.1	98.2	98.3	98.3	98.3	98.6	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1775

ANDREWS AFB MD

69-70,73-80

NOV

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	¾	≥0
NO CEILING	2.7	49.9	51.0	51.6	52.0	52.1	52.2	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.5	52.7
≥ 20000	3.0	54.7	55.9	56.6	57.0	57.1	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.5	57.8
≥ 18000	3.0	55.0	56.2	56.9	57.3	57.4	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.8	57.8	58.1
≥ 16000	3.0	55.3	56.5	57.2	57.6	57.7	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.1	58.1	58.4
≥ 14000	3.0	56.0	57.3	58.0	58.4	58.5	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.9	58.9	59.2
≥ 12000	3.1	57.7	59.0	59.8	60.2	60.3	60.4	60.6	60.6	60.6	60.6	60.6	60.7	60.7	60.8	61.0
≥ 10000	3.4	61.7	63.7	64.2	64.6	64.8	64.9	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.3	65.5
≥ 9000	3.4	62.2	63.7	64.7	65.1	65.3	65.5	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.8	66.1
≥ 8000	3.4	65.0	66.8	68.0	68.6	68.7	68.9	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.3	69.5
≥ 7000	3.4	66.3	68.2	69.4	70.0	70.2	70.3	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.7	70.9
≥ 6000	3.4	67.7	69.6	70.9	71.5	71.7	71.9	72.0	72.0	72.1	72.1	72.1	72.1	72.2	72.2	72.5
≥ 5000	3.4	70.3	72.4	73.8	74.5	74.6	74.9	75.0	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.5
≥ 4500	3.7	71.2	73.3	74.8	75.5	75.6	75.8	76.0	76.0	76.1	76.1	76.1	76.1	76.2	76.2	76.5
≥ 4000	3.7	74.0	76.4	78.0	78.8	79.0	79.2	79.4	79.4	79.5	79.5	79.5	79.5	79.6	79.6	79.9
≥ 3500	3.7	75.1	77.7	79.5	80.3	80.5	80.8	80.9	81.0	81.0	81.0	81.0	81.1	81.1	81.2	81.4
≥ 3000	3.8	76.6	79.5	81.4	82.3	82.6	82.9	83.1	83.1	83.2	83.2	83.2	83.2	83.3	83.3	83.6
≥ 2500	3.8	77.5	81.7	82.7	83.8	84.0	84.4	84.6	84.6	84.7	84.7	84.7	84.7	84.8	84.8	85.1
≥ 2000	3.8	78.1	81.4	83.6	84.8	85.1	85.5	85.7	85.8	85.8	85.9	85.9	85.9	85.9	86.0	86.3
≥ 1800	3.8	78.2	81.6	83.8	85.0	85.3	85.7	86.0	86.0	86.1	86.2	86.2	86.2	86.2	86.3	86.5
≥ 1500	3.8	78.8	82.3	84.7	86.0	86.4	86.9	87.1	87.2	87.3	87.3	87.3	87.4	87.4	87.5	87.7
≥ 1200	3.8	79.1	82.8	85.3	86.7	87.2	87.7	88.0	88.0	88.2	88.2	88.2	88.2	88.3	88.3	88.6
≥ 1000	3.8	79.4	83.3	86.0	87.4	87.9	88.5	88.8	88.9	89.0	89.0	89.0	89.1	89.1	89.2	89.4
≥ 900	3.8	79.5	83.5	86.2	87.7	88.2	88.9	89.2	89.2	89.3	89.4	89.4	89.4	89.5	89.5	89.8
≥ 800	3.8	79.6	83.8	86.7	88.3	88.9	89.7	90.1	90.2	90.3	90.4	90.4	90.4	90.5	90.5	90.8
≥ 700	3.8	79.8	84.1	87.1	88.8	89.5	90.5	90.9	91.0	91.2	91.3	91.3	91.3	91.3	91.4	91.7
≥ 600	3.8	79.8	84.2	87.3	89.3	90.2	91.2	91.7	91.8	92.0	92.1	92.1	92.1	92.1	92.2	92.5
≥ 500	3.8	80.0	84.4	87.6	89.8	90.9	92.2	92.8	93.0	93.2	93.4	93.4	93.4	93.4	93.5	93.8
≥ 400	3.8	80.0	84.4	87.8	90.2	91.5	93.2	94.3	94.4	94.8	95.0	95.0	95.0	95.1	95.1	95.4
≥ 300	3.8	80.0	84.5	87.8	90.3	91.7	93.8	95.1	95.5	96.1	96.4	96.5	96.5	96.6	96.6	96.9
≥ 200	3.8	80.0	84.5	87.8	90.4	91.8	94.1	95.6	96.1	97.1	97.6	97.7	98.0	98.0	98.2	98.5
≥ 100	3.8	80.0	84.5	87.8	90.4	91.8	94.1	95.7	96.2	97.4	97.9	98.0	98.4	98.5	98.9	99.6
≥ 0	3.8	80.0	84.5	87.8	90.4	91.8	94.1	95.7	96.2	97.4	97.9	98.0	98.4	98.5	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1375

ANDREWS AFB MD

69-70,73-80

DEC

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	4.0	53.4	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.3
≥ 20000	4.0	56.1	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.7	56.7	56.7	56.7	57.0
≥ 18000	4.0	56.3	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9	57.2
IV 16000	4.0	56.3	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9	57.2
IV 14000	4.0	56.9	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.7
IV 12000	4.0	58.3	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.8	58.8	58.8	58.8	59.1
IV 10000	4.2	63.0	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.9
IV 9000	4.2	63.7	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.5
IV 8000	4.3	65.4	65.7	65.8	65.9	65.9	66.0	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.5
IV 7000	4.3	66.7	67.0	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.7
IV 6000	4.3	67.8	68.2	68.3	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.6	68.6	68.6	68.6	68.9
IV 5000	4.4	71.9	72.4	72.5	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.8	72.8	72.8	72.8	73.1
IV 4500	4.4	73.1	73.5	73.7	73.8	73.8	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.3
IV 4000	4.4	76.8	77.6	78.1	78.3	78.3	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.8
IV 3500	4.4	78.2	79.0	79.6	79.8	79.8	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.3
IV 3000	4.4	79.4	80.2	81.2	81.5	81.5	81.6	81.7	81.8	81.8	81.9	81.9	81.9	81.9	81.9	82.3
IV 2500	4.4	80.5	81.6	82.7	83.0	83.0	83.1	83.2	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.8
IV 2000	4.4	82.9	84.1	85.3	85.6	85.6	85.7	85.8	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.3
IV 1800	4.4	82.9	84.2	85.5	85.8	85.8	85.9	86.0	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.5
IV 1500	4.4	83.3	84.6	86.1	86.5	86.5	86.7	86.8	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.3
IV 1200	4.4	83.8	85.3	86.9	87.3	87.3	87.5	87.6	87.7	87.7	87.8	87.8	87.8	87.8	87.8	88.2
IV 1000	4.4	84.0	85.5	87.1	87.7	87.7	88.0	88.3	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.9
IV 900	4.4	84.3	86.1	87.8	88.5	88.5	88.7	89.0	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.7
IV 800	4.4	84.7	86.6	88.3	88.9	88.9	89.1	89.5	89.7	89.7	89.8	89.8	89.8	89.8	89.8	90.1
IV 700	4.4	84.8	86.7	88.4	89.0	89.0	89.2	89.6	89.8	89.8	89.9	89.9	89.9	89.9	89.9	90.2
IV 600	4.4	85.4	87.2	88.9	89.7	89.7	89.9	90.2	90.4	90.8	90.9	90.9	90.9	90.9	90.9	91.2
IV 500	4.4	85.5	87.4	89.2	90.3	90.3	90.8	91.1	91.3	91.6	91.7	91.7	91.7	91.7	91.7	92.0
IV 400	4.4	85.5	87.4	89.7	91.4	91.4	91.9	92.5	92.7	93.0	93.1	93.1	93.1	93.1	93.1	93.4
IV 300	4.4	85.8	87.7	90.0	91.7	91.8	93.1	94.1	94.5	94.9	95.1	95.1	95.1	95.1	95.1	95.7
IV 200	4.4	85.8	87.8	90.1	91.8	91.9	93.2	94.2	95.2	96.0	96.2	96.2	96.2	96.2	96.2	97.1
IV 100	4.4	85.8	87.8	90.1	91.8	91.9	93.2	94.2	95.2	96.3	97.0	97.0	97.0	97.5	97.6	99.0
IV 0	4.4	85.8	87.8	90.1	91.8	91.9	93.2	94.2	95.2	96.3	97.0	97.0	97.0	97.5	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS

930

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

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1775  
STATION

ANDREWS AFB MD  
STATION NAME

69-70,73-80  
YEARS

DEC  
MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1300-0500  
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	4.6	53.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 20000	4.6	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 18000	4.6	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 16000	4.6	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 14000	4.6	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 12000	4.6	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 10000	4.8	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
≥ 9000	4.8	63.4	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
≥ 8000	4.9	66.0	66.3	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 7000	4.9	67.0	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 6000	4.9	68.4	68.7	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 5000	5.1	71.2	71.7	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 4500	5.1	72.2	72.8	73.1	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 4000	5.1	75.8	76.9	77.2	77.7	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 3500	5.1	77.5	78.6	78.9	79.5	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 3000	5.1	78.7	80.1	80.6	81.3	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 2500	5.1	79.6	81.1	81.7	82.4	82.5	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 2000	5.1	81.0	82.6	83.4	84.1	84.2	84.3	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 1800	5.1	81.3	82.9	83.8	84.4	84.5	84.6	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1500	5.1	82.0	83.7	84.5	85.2	85.3	85.5	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1200	5.1	82.4	84.3	85.3	85.9	86.0	86.2	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 1000	5.1	83.1	85.1	86.2	87.1	87.2	87.6	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 900	5.1	83.3	85.3	86.8	87.6	87.7	88.2	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 800	5.1	84.1	85.9	87.5	88.4	88.5	88.9	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 700	5.1	84.6	86.8	88.5	89.7	89.8	90.4	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 600	5.1	85.1	87.2	88.9	90.3	90.4	91.1	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 500	5.1	85.1	87.3	89.1	90.6	90.9	91.6	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4
≥ 400	5.1	85.2	87.4	89.2	91.2	91.7	92.7	93.8	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2
≥ 300	5.1	85.5	88.0	89.8	91.7	92.3	93.3	94.8	95.2	95.2	95.6	95.6	95.6	95.6	95.6	95.6
≥ 200	5.1	85.5	88.0	89.8	91.7	92.3	93.5	95.4	95.8	96.5	96.9	96.9	97.0	97.0	97.0	97.3
≥ 100	5.1	85.5	88.0	89.8	91.7	92.3	93.5	95.4	95.8	96.6	97.4	97.4	98.0	98.0	98.2	98.8
≥ 0	5.1	85.5	88.0	89.8	91.7	92.3	93.5	95.4	95.8	96.6	97.4	97.4	98.0	98.0	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 931

GENERAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1775  
 STATION

ANDREWS AFB MD  
 STATION NAME

69-70,73-87  
 YEARS

DEC  
 MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0600  
 HOUR (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	3.8	48.3	48.9	49.1	49.5	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 20000	3.8	52.3	53.3	53.7	54.0	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 18000	3.8	52.4	53.4	53.8	54.1	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 16000	3.8	52.6	53.7	54.0	54.3	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 14000	3.8	53.4	54.5	54.8	55.2	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 12000	3.9	54.7	55.8	56.2	56.6	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 10000	4.2	60.5	61.6	62.0	62.4	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 9000	4.2	61.1	62.2	62.6	62.9	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 8000	4.2	64.2	65.5	65.9	66.2	66.3	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 7000	4.2	64.5	66.2	66.7	67.0	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 6000	4.2	67.4	68.7	69.1	69.5	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 5000	4.4	70.3	71.8	72.4	72.8	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 4500	4.4	71.7	73.2	73.8	74.2	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 4000	4.4	74.6	76.1	76.9	77.6	77.8	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 3500	4.4	75.5	77.1	77.8	78.6	78.8	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 3000	4.4	76.5	78.6	79.6	80.4	80.8	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 2500	4.4	77.7	80.1	81.2	82.0	82.4	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 2000	4.4	77.8	80.3	81.8	82.7	83.0	83.7	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 1800	4.4	78.1	80.5	82.0	82.9	83.2	83.9	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1500	4.4	78.4	80.9	82.5	83.4	83.9	84.7	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 1200	4.4	79.2	82.0	83.8	84.8	85.3	86.2	86.7	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1000	4.4	80.2	83.0	84.7	85.9	86.6	87.6	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 900	4.4	81.1	84.1	85.7	87.0	87.6	88.7	89.1	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 800	4.4	81.4	84.3	86.0	87.3	88.0	89.0	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 700	4.4	82.4	85.4	87.5	88.9	89.6	90.8	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 600	4.4	82.4	85.7	88.1	89.8	90.4	91.8	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 500	4.4	82.6	85.9	88.3	90.1	91.2	92.7	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 400	4.4	82.6	86.1	88.8	91.0	92.2	93.7	94.7	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 300	4.4	82.6	86.1	88.8	91.0	92.3	94.3	95.5	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 200	4.4	82.6	86.1	88.8	91.1	92.4	94.5	95.8	96.9	97.6	97.7	97.7	97.7	97.7	97.7	98.1
≥ 100	4.4	82.6	86.1	88.8	91.1	92.4	94.5	95.8	97.0	97.8	98.2	98.2	98.2	98.2	98.3	99.0
≥ 0	4.4	82.6	86.1	88.8	91.1	92.4	94.5	95.8	97.0	97.8	98.2	98.2	98.2	98.2	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 931

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

137.5

ANDREWS AFB MD

69-70,73-80

DEC

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

900-1100  
 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	4.2	44.2	44.8	45.7	45.8	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥20000	4.4	50.1	51.0	51.8	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥18000	4.4	50.2	51.1	51.9	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
IV:16000	4.4	50.3	51.2	52.0	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
IV:14000	4.5	51.9	52.8	53.7	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
IV:12000	4.6	54.1	54.9	55.8	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
IV:10000	4.9	60.3	61.3	62.3	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV:9000	4.9	60.9	61.8	62.8	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV:8000	4.9	65.3	66.3	67.3	67.4	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
IV:7000	4.9	67.1	68.3	69.2	69.4	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
IV:6000	4.9	69.4	71.0	72.0	72.3	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV:5000	5.1	72.5	74.1	75.2	75.4	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
IV:4500	5.1	73.7	75.3	76.3	76.6	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IV:4000	5.1	74.7	76.5	78.0	78.4	78.6	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV:3500	5.1	75.4	77.1	78.6	79.0	79.2	79.2	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
IV:3000	5.1	77.0	78.7	80.3	80.9	81.1	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IV:2500	5.1	77.5	79.7	81.3	81.8	82.0	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV:2000	5.1	78.2	80.5	82.3	83.0	83.2	83.5	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IV:1800	5.1	78.4	80.8	82.6	83.3	83.5	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IV:1500	5.1	79.0	81.6	83.4	84.3	84.5	84.8	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV:1200	5.1	79.2	82.2	84.0	84.8	85.2	85.5	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV:1000	5.1	80.6	83.5	85.5	86.5	86.9	87.3	87.5	87.6	87.8	87.8	87.8	87.8	88.0	88.0	88.0
IV:900	5.1	81.2	84.2	86.1	87.2	87.6	88.1	88.3	88.4	88.6	88.6	88.6	88.6	88.6	88.7	88.7
IV:800	5.1	81.3	84.5	86.5	87.5	88.0	88.4	88.8	88.9	89.1	89.1	89.1	89.1	89.1	89.2	89.2
IV:700	5.1	81.5	84.9	87.1	88.6	89.1	89.6	90.1	90.3	90.6	90.6	90.6	90.6	90.6	90.8	90.8
IV:600	5.1	81.5	85.2	87.6	89.5	90.0	90.9	91.5	91.9	92.3	92.3	92.3	92.3	92.3	92.4	92.4
IV:500	5.1	81.6	85.3	87.7	90.1	91.1	91.9	92.9	93.3	93.8	93.8	93.8	93.8	93.8	93.9	93.9
IV:400	5.1	81.6	85.4	87.8	90.3	91.4	92.5	93.8	94.4	94.8	94.8	94.8	94.8	94.8	94.9	94.9
IV:300	5.1	81.6	85.4	88.0	90.8	92.0	93.7	95.5	96.2	97.0	97.2	97.2	97.2	97.3	97.3	97.3
IV:200	5.1	81.6	85.4	88.0	90.8	92.0	93.7	95.5	96.7	97.5	97.8	97.8	97.8	98.2	98.6	98.6
IV:100	5.1	81.6	85.4	88.0	90.8	92.0	93.7	95.6	96.8	97.6	98.1	98.1	98.1	98.4	98.8	98.9
IV:0	5.1	81.6	85.4	88.0	90.8	92.0	93.7	95.6	96.8	97.6	98.1	98.1	98.1	98.4	98.8	98.9

TOTAL NUMBER OF OBSERVATIONS

93



GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1375

ANDREWS AFB MD

69-70,73-80

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	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	5.5	44.1	44.4	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
≥ 20000	5.8	51.9	52.3	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 18000	5.8	52.2	52.5	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
≥ 16000	5.8	52.8	53.1	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 14000	5.8	53.8	54.4	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 12000	6.1	57.1	57.7	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 10000	6.2	60.9	61.6	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
≥ 9000	6.2	62.4	63.2	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 8000	6.2	66.1	67.2	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 7000	6.2	67.8	68.9	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
≥ 6000	6.2	69.5	71.0	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 5000	6.2	71.4	73.0	74.0	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 4500	6.2	72.0	73.8	74.9	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 4000	6.2	74.6	76.5	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
≥ 3500	6.3	76.6	78.6	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 3000	6.3	78.9	81.1	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 2500	6.3	79.1	81.4	83.1	83.4	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 2000	6.3	79.2	81.8	83.8	84.4	84.4	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 1800	6.3	79.2	81.9	83.9	84.5	84.5	84.7	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1500	6.3	80.3	83.3	85.5	86.1	86.1	86.5	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1200	6.3	80.4	83.5	85.9	86.6	86.7	87.0	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1000	6.3	80.9	84.4	86.9	87.8	88.1	88.5	88.6	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 900	6.3	81.0	84.6	87.1	88.2	88.5	89.0	89.1	89.1	89.4	89.5	89.5	89.5	89.5	89.5	89.5
≥ 800	6.3	81.0	84.6	87.5	88.8	89.1	89.8	90.0	90.1	90.4	90.5	90.5	90.5	90.5	90.5	90.5
≥ 700	6.3	81.0	84.7	88.2	90.0	90.6	91.5	91.7	91.8	92.3	92.5	92.6	92.6	92.6	92.6	92.6
≥ 600	6.3	81.0	84.7	88.3	90.3	91.2	92.2	92.4	92.6	93.2	93.4	93.5	93.5	93.5	93.5	93.5
≥ 500	6.3	81.0	84.8	88.6	90.8	91.9	92.9	93.2	93.5	94.2	94.4	94.5	94.5	94.5	94.5	94.5
≥ 400	6.3	81.0	84.8	88.7	91.0	92.3	93.9	94.4	94.8	95.7	95.9	96.1	96.1	96.1	96.1	96.1
≥ 300	6.3	81.0	84.8	88.7	91.1	92.6	94.6	95.6	96.1	97.4	98.1	98.3	98.3	98.3	98.3	98.3
≥ 200	6.3	81.0	84.8	88.7	91.1	92.8	94.8	95.9	96.5	97.8	98.8	99.1	99.2	99.2	99.4	99.4
≥ 100	6.3	81.0	84.8	88.7	91.1	92.8	94.8	95.9	96.5	98.1	99.0	99.4	99.5	99.6	99.9	100.0
≥ 0	6.3	81.0	84.8	88.7	91.1	92.8	94.8	95.9	96.5	98.1	99.0	99.4	99.5	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

137.5

ANDREWS AFB MD

69-70,73-80

DEC

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	≥¼	≥0
NO CEILING	3.4	43.2	43.7	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 20000	3.7	51.2	51.6	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 18000	4.7	51.8	52.3	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 16000	4.3	52.2	52.7	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 14000	4.0	53.2	53.8	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 12000	4.1	55.5	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 10000	4.1	58.6	59.1	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
≥ 9000	4.1	59.5	60.0	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 8000	4.2	63.5	64.3	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 7000	4.2	65.1	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	66.3
≥ 6000	4.3	67.0	68.4	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
≥ 5000	4.3	69.9	71.3	72.0	72.4	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5
≥ 4500	4.3	70.5	72.0	73.1	73.4	73.4	73.4	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 4000	4.7	73.5	75.4	76.8	77.2	77.2	77.2	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 3500	4.7	76.5	78.7	80.3	80.8	80.8	80.8	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 3000	4.7	78.4	80.6	82.4	82.8	82.9	83.0	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 2500	4.7	78.9	81.2	83.0	83.5	83.7	83.8	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 2000	4.7	79.4	81.8	83.9	84.4	84.5	84.7	84.8	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1800	4.7	79.4	81.8	84.0	84.5	84.6	84.8	84.9	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 1500	4.7	79.9	82.5	85.1	86.1	86.3	86.6	86.8	87.0	87.2	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1200	4.7	80.3	83.0	85.9	87.1	87.4	87.6	88.1	88.4	88.7	88.8	88.8	88.8	88.8	88.8	88.8
≥ 1000	4.7	80.3	83.0	86.2	87.7	88.1	88.3	88.7	89.0	89.4	89.5	89.6	89.7	89.7	89.7	89.7
≥ 900	4.7	80.4	83.2	86.8	88.4	88.7	88.9	89.4	89.7	90.0	90.1	90.2	90.3	90.3	90.3	90.3
≥ 800	4.7	80.6	83.4	87.2	88.8	89.2	89.6	90.0	90.3	90.8	90.9	91.0	91.1	91.1	91.1	91.1
≥ 700	4.7	80.9	83.7	87.7	89.5	90.0	90.3	91.0	91.3	91.7	91.8	91.9	92.0	92.0	92.0	92.0
≥ 600	4.7	80.9	83.8	88.0	89.9	90.9	91.3	91.9	92.3	92.8	93.0	93.1	93.3	93.3	93.3	93.3
≥ 500	4.7	80.9	83.9	88.2	90.1	91.2	91.9	92.7	93.1	93.7	93.9	94.0	94.2	94.2	94.2	94.2
≥ 400	4.7	80.9	83.9	88.6	90.6	91.7	92.6	93.5	94.2	95.3	95.8	95.9	96.1	96.1	96.1	96.1
≥ 300	4.7	80.9	83.9	88.6	90.8	91.8	93.2	94.7	95.8	97.1	97.7	97.8	98.2	98.2	98.2	98.2
≥ 200	4.7	80.9	83.9	88.6	90.8	91.8	93.2	94.9	96.1	97.8	98.8	98.9	99.4	99.5	99.5	99.5
≥ 100	4.7	80.9	83.9	88.6	90.8	91.8	93.2	94.9	96.1	98.0	98.9	99.1	99.6	99.8	99.9	100.0
≥ 0	4.7	80.9	83.9	88.6	90.8	91.8	93.2	94.9	96.1	98.0	98.9	99.1	99.6	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 ATR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1375

ANDREWS AFB MD

69-70,73-80

DEC

STATION

STATION NAME

YEARS

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	3.9	50.1	57.8	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 20000	4.1	54.5	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
IV 18000	4.1	54.5	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
IV 16000	4.1	54.6	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
IV 14000	4.1	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
IV 12000	4.2	58.0	58.6	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 10000	4.2	62.1	62.7	62.9	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 9000	4.2	62.4	63.0	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	4.2	64.8	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 7000	4.2	66.4	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
IV 6000	4.2	67.7	68.3	68.6	68.6	68.6	68.6	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 5000	4.2	70.8	72.2	72.5	72.5	72.5	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 4500	4.2	71.7	73.1	73.6	73.6	73.6	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
IV 4000	4.3	75.2	77.3	77.9	77.9	77.9	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IV 3500	4.3	76.8	78.9	79.5	79.5	79.5	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 3000	4.3	78.9	81.4	82.3	82.7	82.7	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 2500	4.3	80.4	83.1	84.2	84.5	84.5	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 2000	4.3	80.9	83.6	84.8	85.1	85.1	85.2	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 1800	4.3	81.1	83.9	85.1	85.5	85.5	85.6	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 1500	4.3	81.7	84.8	86.5	87.0	87.0	87.1	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 1200	4.3	82.2	85.6	87.5	88.3	88.3	88.5	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 1000	4.3	82.3	85.8	87.9	88.8	88.8	89.0	89.3	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 900	4.3	82.8	86.2	88.5	89.3	89.3	89.5	89.9	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 800	4.3	83.1	86.5	88.9	89.9	89.9	90.1	90.4	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 700	4.3	83.2	86.7	89.2	90.8	90.9	91.2	91.5	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 600	4.3	83.3	86.9	89.4	91.3	91.5	91.8	92.2	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 500	4.3	83.3	86.9	89.5	91.5	91.9	92.3	92.9	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 400	4.3	83.3	86.9	89.5	91.6	92.0	93.0	94.1	94.6	95.2	95.3	95.3	95.3	95.3	95.3	95.3
IV 300	4.3	83.3	86.9	89.5	91.7	92.3	94.0	95.4	96.1	96.8	97.3	97.3	97.3	97.3	97.3	97.3
IV 200	4.3	83.3	86.9	89.5	91.7	92.3	94.1	95.8	97.1	98.3	99.4	99.4	99.4	99.4	99.5	99.5
IV 100	4.3	83.3	86.9	89.5	91.7	92.3	94.1	95.8	97.1	98.5	99.6	99.6	99.7	99.8	99.9	100.0
IV 0	4.3	83.3	86.9	89.5	91.7	92.3	94.1	95.8	97.1	98.5	99.6	99.6	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 928

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1375

ANDREWS AFB MD

69-70,73-80

DEC

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	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	4.0	53.1	53.1	53.4	53.4	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.7
IV 20000	4.0	56.7	56.7	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.4
IV 18000	4.0	56.7	56.7	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.4
IV 16000	4.0	56.7	56.7	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.4
IV 14000	4.0	57.2	57.2	57.5	57.5	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.8
IV 12000	4.0	58.6	58.6	58.9	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.2
IV 10000	4.0	62.5	62.5	62.8	62.8	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.1
IV 9000	4.0	63.3	63.3	63.6	63.6	63.6	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	64.0
IV 8000	4.0	64.7	64.7	65.3	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.6
IV 7000	4.0	65.8	65.8	66.3	66.3	66.3	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.7
IV 6000	4.0	66.6	66.6	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.4
IV 5000	4.0	70.3	70.6	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.4
IV 4500	4.0	71.7	72.0	72.5	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.8
IV 4000	4.0	75.2	75.6	76.5	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.1
IV 3500	4.0	76.9	77.5	78.5	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.2
IV 3000	4.0	79.1	79.9	81.3	81.7	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.1
IV 2500	4.0	80.3	81.7	83.1	83.5	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.9
IV 2000	4.0	82.3	84.1	85.5	86.0	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.4
IV 1800	4.0	82.3	84.1	85.5	86.0	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.4
IV 1500	4.0	83.3	85.1	86.7	87.2	87.2	87.2	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.7	87.9
IV 1200	4.0	83.6	85.5	87.5	87.9	87.9	87.9	88.1	88.1	88.2	88.2	88.2	88.2	88.5	88.6	88.8
IV 1000	4.0	84.1	86.3	88.5	88.9	88.9	88.9	89.1	89.1	89.4	89.4	89.4	89.4	89.6	89.8	90.0
IV 900	4.0	84.4	86.5	88.7	89.1	89.1	89.1	89.3	89.3	89.6	89.6	89.6	89.6	89.9	90.0	90.2
IV 800	4.0	84.7	86.9	89.2	89.6	89.6	89.6	89.9	89.9	90.2	90.2	90.2	90.2	90.4	90.5	90.7
IV 700	4.0	84.7	87.2	89.4	89.9	89.9	90.2	90.4	90.4	90.7	90.7	90.7	90.7	90.9	91.0	91.3
IV 600	4.0	84.8	87.3	89.5	90.4	90.4	90.7	90.9	90.9	91.3	91.3	91.3	91.3	91.5	91.6	91.8
IV 500	4.0	84.9	87.6	90.1	91.5	91.6	91.9	92.1	92.1	92.4	92.4	92.4	92.4	92.7	92.8	93.0
IV 400	4.0	84.9	87.7	90.3	92.2	92.4	93.3	93.9	93.9	94.5	94.5	94.5	94.5	94.7	94.9	95.1
IV 300	4.0	84.9	87.8	90.4	92.4	92.9	93.7	94.3	94.4	95.3	95.3	95.3	95.3	95.7	95.9	96.4
IV 200	4.0	84.9	87.8	90.4	92.6	93.2	94.1	95.0	95.4	96.9	97.2	97.2	97.2	97.6	97.8	98.4
IV 100	4.0	84.9	87.8	90.4	92.6	93.2	94.1	95.0	95.5	97.2	97.8	97.8	97.8	98.6	98.8	99.6
IV 0	4.0	84.9	87.8	90.4	92.6	93.2	94.1	95.0	95.5	97.2	97.8	97.8	97.8	98.6	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1375

ANDREWS AFB MD

69-70,73-80

DEC

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL  
 HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	4.2	48.7	49.2	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6
≥ 20000	4.3	53.7	54.2	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.7
IV 18000	4.3	53.9	54.4	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.9
IV 16000	4.3	54.1	54.6	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.1
IV 14000	4.3	55.0	55.5	55.8	55.9	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
IV 12000	4.4	56.9	57.4	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.0
IV 10000	4.6	61.3	61.9	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.5
IV 9000	4.6	62.1	62.6	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2
IV 8000	4.6	65.0	65.7	66.1	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.4
IV 7000	4.6	66.3	67.1	67.5	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.8
IV 6000	4.6	68.0	68.9	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.6
IV 5000	4.7	71.0	72.1	72.7	72.9	73.0	73.0	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1
IV 4500	4.7	72.1	73.2	73.9	74.1	74.1	74.1	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3
IV 4000	4.8	75.1	76.5	77.4	77.8	77.8	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.1
IV 3500	4.8	76.7	78.2	79.2	79.6	79.6	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9
IV 3000	4.8	78.3	80.1	81.3	81.8	81.9	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.2
IV 2500	4.8	79.3	81.2	82.5	83.0	83.1	83.3	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5
IV 2000	4.8	80.2	82.4	83.8	84.4	84.5	84.7	84.9	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.2
IV 1800	4.8	80.3	82.5	84.0	84.6	84.7	84.9	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.4
IV 1500	4.8	81.0	83.3	85.0	85.7	85.8	86.1	86.4	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.7
IV 1200	4.8	81.4	83.9	85.8	86.6	86.8	87.1	87.3	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.7
IV 1000	4.8	82.0	84.6	86.6	87.6	87.8	88.2	88.5	88.6	88.8	88.8	88.8	88.8	88.9	88.9	89.0
IV 900	4.8	82.3	85.0	87.2	88.2	88.4	88.8	89.1	89.3	89.4	89.5	89.5	89.5	89.5	89.5	89.6
IV 800	4.8	82.6	85.4	87.6	88.7	88.9	89.3	89.7	89.9	90.0	90.1	90.1	90.1	90.2	90.2	90.2
IV 700	4.8	82.9	85.8	88.3	89.5	89.9	90.4	90.8	91.0	91.2	91.3	91.3	91.3	91.4	91.4	91.4
IV 600	4.8	83.0	86.0	88.6	90.1	90.6	91.2	91.7	91.9	92.2	92.3	92.3	92.4	92.4	92.4	92.5
IV 500	4.8	83.1	86.1	88.9	90.6	91.3	92.0	92.6	92.9	93.2	93.3	93.3	93.3	93.4	93.4	93.4
IV 400	4.8	83.1	86.2	89.1	91.2	91.9	92.9	93.8	94.2	94.7	94.9	94.9	95.0	95.0	95.0	95.1
IV 300	4.8	83.2	86.3	89.2	91.4	92.3	93.7	95.0	95.6	96.3	96.6	96.6	96.7	96.8	96.8	96.9
IV 200	4.8	83.2	86.3	89.2	91.4	92.3	93.9	95.3	96.2	97.3	97.9	97.9	98.1	98.2	98.2	98.5
IV 100	4.8	83.2	86.3	89.2	91.4	92.3	93.9	95.3	96.2	97.5	98.3	98.3	98.7	98.8	98.8	99.5
IV 0	4.8	83.2	86.3	89.2	91.4	92.3	93.9	95.3	96.2	97.5	98.3	98.3	98.7	98.8	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7435

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1575

ANDREWS AFB MD

69-70,73-81

ALL

STATION

STATION NAME

YEARS

MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	4.4	47.2	49.4	50.8	51.7	51.9	52.2	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.5
≥ 20000	4.6	52.8	55.4	57.0	58.1	58.4	58.8	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.1
IV 18000	4.6	53.2	55.7	57.4	58.5	58.8	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.4	59.4	59.4
IV 16000	4.6	53.4	56.0	57.6	58.7	59.0	59.4	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.7
IV 14000	4.7	54.3	56.9	58.6	59.7	60.0	60.4	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.7
IV 12000	4.7	56.0	58.7	60.5	61.6	62.0	62.3	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.7
IV 10000	4.9	61.0	63.0	65.0	66.3	66.7	67.1	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.5	67.5
IV 9000	4.9	60.6	63.7	65.7	67.0	67.4	67.8	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.2
IV 8000	4.9	63.5	66.8	69.0	70.4	70.9	71.3	71.5	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.8
IV 7000	5.3	64.8	68.2	70.4	71.9	72.3	72.8	73.0	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.2
IV 6000	5.1	65.9	69.4	71.6	73.1	73.6	74.1	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.5	74.5
IV 5000	5.0	68.0	71.7	74.1	75.7	76.1	76.7	76.9	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.2
IV 4500	5.1	68.9	72.6	75.1	76.7	77.2	77.7	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.2	78.2
IV 4000	5.2	71.7	75.8	78.5	80.3	80.8	81.5	81.7	81.8	81.9	81.9	81.9	81.9	81.9	82.0	82.0
IV 3500	5.2	72.8	76.9	79.8	81.6	82.2	82.8	83.1	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.4
IV 3000	5.2	74.4	78.9	82.0	84.0	84.6	85.3	85.6	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.9
IV 2500	5.2	75.2	79.8	83.0	85.1	85.7	86.5	86.8	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.1
IV 2000	5.2	76.0	80.8	84.1	86.3	87.0	87.9	88.2	88.3	88.4	88.4	88.4	88.5	88.5	88.5	88.6
IV 1800	5.2	76.1	80.9	84.3	86.6	87.2	88.1	88.5	88.5	88.6	88.7	88.7	88.7	88.7	88.7	88.8
IV 1500	5.2	76.7	81.6	85.1	87.5	88.2	89.2	89.5	89.6	89.8	89.8	89.8	89.8	89.8	89.9	89.9
IV 1200	5.2	77.2	82.3	85.9	88.5	89.2	90.2	90.6	90.8	90.9	90.9	90.9	91.0	91.0	91.0	91.1
IV 1000	5.2	77.5	82.8	86.5	89.3	90.1	91.2	91.7	91.8	91.9	92.0	92.0	92.0	92.1	92.1	92.1
IV 900	5.2	77.7	82.9	86.8	89.5	90.4	91.6	92.0	92.2	92.3	92.4	92.4	92.4	92.4	92.5	92.5
IV 800	5.2	77.8	83.2	87.1	90.0	90.9	92.2	92.7	92.9	93.0	93.1	93.1	93.2	93.2	93.2	93.3
IV 00	5.2	78.0	83.4	87.5	90.5	91.5	92.9	93.5	93.6	93.8	93.9	93.9	94.0	94.0	94.0	94.1
IV 600	5.2	78.0	83.5	87.7	90.8	91.9	93.4	94.1	94.3	94.5	94.6	94.6	94.7	94.7	94.7	94.8
IV 500	5.2	78.1	83.6	87.9	91.3	92.5	94.2	95.1	95.3	95.6	95.7	95.7	95.8	95.8	95.8	95.9
IV 400	5.2	78.1	83.7	88.1	91.6	93.0	94.9	96.0	96.3	96.7	96.9	96.9	97.0	97.0	97.1	97.1
IV 300	5.2	78.1	83.7	88.1	91.7	93.1	95.3	96.6	97.0	97.6	97.8	97.8	98.0	98.0	98.0	98.1
IV 200	5.2	78.2	83.7	88.1	91.7	93.2	95.4	96.8	97.3	98.1	98.4	98.5	98.7	98.8	98.9	99.0
IV 100	5.2	78.2	83.7	88.1	91.7	93.2	95.4	96.8	97.4	98.2	98.6	98.7	99.0	99.1	99.4	99.7
IV 0	5.2	78.2	83.7	88.1	91.7	93.2	95.4	96.8	97.4	98.2	98.6	98.7	99.0	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 87638

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

TOTAL SKY COVER

FOR AIRWAYS STATIONS THE SYMBOLS OF CLEAR, SCATTERED,  
BROKEN, OVERCAST, & OBLSCURED WERE USED AS INPUT FOR THE  
TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBLSCURED WAS CONVERTED TO 10/10

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

SKY COVER

13705

ANDREWS AFB MD

70,73-81

JAN

STATION

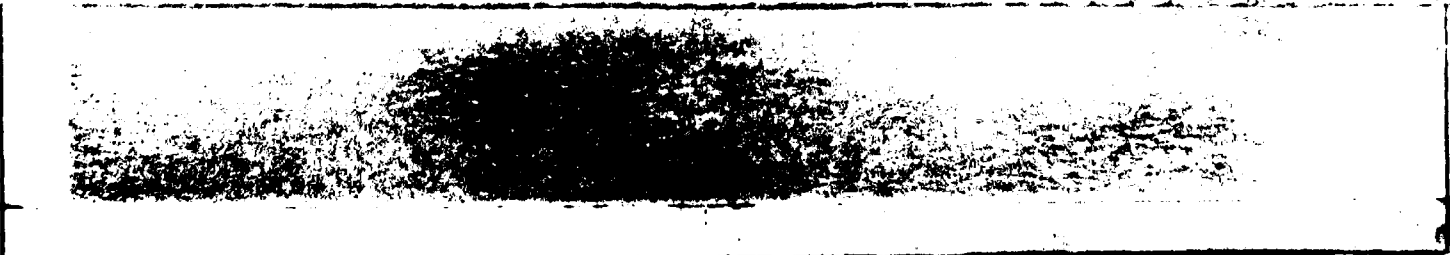
STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JAN	00-02	31.6			19.0						11.2	38.2	5.4	930
	03-05	28.2			18.9						12.6	40.3	5.7	930
	06-08	17.8			22.8						17.3	42.0	6.4	930
	09-11	11.8			22.3						20.3	45.6	7.1	930
	12-14	8.0			23.5						23.4	45.1	7.3	930
	15-17	9.4			25.7						20.6	44.3	7.1	930
	18-20	20.9			24.4						16.8	38.0	6.0	930
	21-23	30.8			17.3						15.0	36.9	5.6	928
TOTALS		19.8			21.7						17.2	41.3	6.3	7438





GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

SKY COVER

1375 ANDREWS AFB MD

70,73-81

FEB

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
FEB	00-02	32.1			21.1						10.5	36.3	5.2	842
	03-05	33.2			20.5						12.7	33.6	5.1	844
	06-08	21.7			25.3						16.0	37.0	5.9	845
	09-11	15.4			24.5						20.2	40.0	6.5	846
	12-14	12.4			26.7						17.5	43.3	6.7	845
	15-17	11.9			28.0						18.2	41.8	6.7	846
	18-20	24.0			25.8						15.0	35.2	5.6	846
	21-23	33.8			21.0						11.5	33.7	5.0	846
TOTALS		23.1			24.1						15.2	37.6	5.8	6760

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**SKY COVER**

137.5      ANDREWS AFB MD

70,73-81

MAR

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.		
		0	1	2	3	4	5	6	7	8	9			10	
MAR	00-02	28.3			18.3							11.8	41.6	5.8	930
	03-05	25.5			20.5							11.7	42.4	5.9	923
	06-08	12.1			25.1							17.0	45.9	6.9	929
	09-11	8.1			21.9							23.8	46.2	7.4	930
	12-14	7.1			19.4							27.7	45.8	7.7	930
	15-17	10.4			19.1							25.2	45.3	7.4	930
	18-20	15.3			24.0							18.0	42.7	6.6	929
	21-23	25.1			21.6							12.1	41.2	5.9	929
	TOTALS	16.5			21.2							18.4	43.9	6.7	7430

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

SKY COVER

13745

ANDREWS AFB MD

70,73-81

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	29.9			20.5							18.9	30.7	5.4	899
	03-05	26.1			24.8							15.5	33.6	5.5	899
	06-08	16.9			24.3							20.6	38.2	6.4	900
	09-11	14.2			25.7							22.2	37.9	6.6	900
	12-14	11.5			26.0							23.7	38.8	6.8	899
	15-17	10.8			26.7							24.5	38.0	6.8	899
	18-20	14.8			27.3							20.3	37.6	6.4	900
	21-23	27.4			22.7							18.3	31.6	5.5	898
	TOTALS	19.0			24.8							20.5	35.8	6.2	7194









FEDERAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**SKY COVER**

1975 ANDREWS AFB MD

69-70,73-80

SEP

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN % OF SKY COVER	TOTAL NO OF OBS		
		0	1	2	3	4	5	6	7	8	9			10	
	00-02	32.4			22.5							16.7	28.4	5.0	890
	03-05	30.7			21.9							16.3	31.1	5.2	885
	06-08	15.2			30.8							22.0	32.1	6.1	891
	09-11	14.0			31.5							23.4	31.1	6.2	899
	12-14	7.1			32.7							26.3	33.9	6.7	899
	15-17	6.8			36.3							25.8	31.1	6.5	898
	18-20	14.2			36.1							21.1	28.6	5.8	895
	21-23	29.5			26.1							17.0	27.4	5.1	893
TOTALS		18.7			29.7							21.1	30.5	5.8	7150





GLOBAL CLIMATOLOGY BRANCH  
 US AFETAC  
 AIR WEATHER SERVICE/MAC

**SKY COVER**

137.5 ANDREWS AFB MD

69-70,73-80

OCT

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
T	00-02	40.4			17.0						14.1	28.5	4.6	925
	03-05	40.4			15.9						12.6	31.2	4.7	921
	06-08	18.4			30.6						18.3	32.7	5.8	914
	09-11	16.3			31.4						19.9	32.4	6.0	924
	12-14	13.7			31.6						27.1	27.6	6.2	930
	15-17	14.4			32.4						23.7	29.6	6.1	930
	18-20	24.3			28.1						19.1	28.5	5.4	924
	21-23	36.1			19.8						14.5	29.6	4.9	927
TOTALS		25.5			25.9						18.7	30.0	5.5	7397



GENERAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/HAC

SKY COVER

137.5 ANDREWS AFB MD

69-70,73-80

DEC

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS		
		0	1	2	3	4	5	6	7	8	9			10	
DEC	00-02	27.3			21.8							14.1	36.7	5.6	926
	03-05	24.8			21.4							12.6	37.2	5.5	930
	06-08	17.8			27.1							18.2	36.9	6.1	929
	09-11	11.0			28.3							23.1	37.6	6.7	930
	12-14	8.9			29.0							22.8	39.2	6.8	930
	15-17	9.5			28.8							23.6	38.1	6.8	927
	18-20	24.4			22.3							14.0	39.3	5.9	928
	21-23	29.8			20.0							13.2	38.1	5.6	925
<b>TOTALS</b>		<b>19.6</b>			<b>24.8</b>							<b>17.7</b>	<b>37.9</b>	<b>6.1</b>	<b>7425</b>

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**SKY COVER**

137 5

ANDREWS AFB MD

69-70,73-81

ALL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS		
		0	1	2	3	4	5	6	7	8	9			10	
JAN	ALL	19.8			21.7							17.2	41.3	6.3	7438
FEB		23.1			24.1							15.2	37.6	5.8	6760
MAR		16.5			21.2							18.4	43.9	6.7	7430
APR		19.0			24.8							20.5	35.8	6.2	7194
MAY		14.5			25.1							22.1	38.3	6.6	7393
JUN		11.8			29.9							25.3	33.0	6.5	7132
JUL		11.8			29.8							24.6	33.9	6.5	7328
AUG		15.6			30.9							25.3	28.2	6.0	7325
SEP		18.7			29.7							21.1	30.5	5.8	7150
OCT		25.5			25.9							18.7	30.0	5.5	7397
NOV		20.4			26.2							17.8	35.6	5.9	7166
DEC		19.6			24.8							17.7	37.9	6.1	7425
TOTALS		18.0			26.2							20.3	35.5	6.2	87138

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

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

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC

AIR WEATHER SERVICE/MAC

177 S STATION ANDREWS AFB MD  
STATION NAME

# DAILY TEMPERATURES

43-81

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
100						.2	.5	.1	.1				.1
95				.1	.1	2.3	4.5	3.8	1.2				1.0
90				1.1	2.0	16.8	24.8	21.8	7.6	.3			6.2
85			.3	4.6	12.1	40.7	59.5	50.6	22.3	2.2			16.1
80		.1	2.0	11.6	28.9	61.9	85.8	78.2	43.8	9.2	.8		27.0
75	.2	.7	5.1	19.7	48.2	81.8	96.9	93.7	66.6	21.3	3.5	.1	36.6
70	1.4	2.5	11.2	34.4	68.9	94.4	99.4	99.4	84.5	41.9	10.8	1.5	46.0
65	3.6	5.3	18.9	49.7	83.7	98.7	100.0	99.9	94.4	61.8	21.8	4.4	53.7
60	8.3	9.9	30.5	67.6	94.2	99.7		100.0	98.5	82.1	37.2	11.0	61.6
55	14.0	19.0	43.5	82.9	98.6	100.0			99.9	92.6	55.4	20.5	69.0
50	22.9	30.4	58.5	93.8	99.9				100.0	98.2	71.6	32.3	75.8
45	37.0	45.8	73.9	98.6	100.0					99.7	85.4	48.5	82.5
40	55.9	64.7	89.5	99.8						100.0	95.7	68.7	89.6
35	74.2	81.3	96.9	100.0							99.2	84.0	94.7
30	88.0	92.1	99.3								99.9	94.1	97.8
25	95.2	97.3	99.8								100.0	99.0	99.3
20	98.6	99.1	99.9									99.7	99.8
15	99.8	99.8	100.0									100.0	100.0
10	99.9	100.0											100.0
5	100.0												100.0
0													
MEAN	41.9	44.4	53.4	65.2	73.8	81.8	85.6	84.4	77.9	67.3	56.0	45.1	64.7
S.D.	11.256	11.349	11.938	10.788	8.795	7.603	5.704	6.093	8.171	8.812	10.244	10.627	18.274
TOTAL OBS.	117	174	1178	1140	1178	1122	1177	1177	1140	1178	1140	1178	13860

GLOBAL CLIMATOLOGY BRANCH

DAILY TEMPERATURES

USAFETAC

AIR WEATHER SERVICE/MAC

17715  
STATION

ANDREWS AFB MD  
STATION NAME

43-81

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
75						1.4	4.2	2.8	.5				.0
71					.6	15.5	38.8	33.4	10.8	.4			8.4
65			.1	.7	8.0	43.7	74.6	68.0	30.1	2.9	.5		19.1
61		.1	.3	4.0	26.9	69.2	94.0	88.9	53.0	11.0	2.0	.1	29.3
55	.7	.3	2.5	12.9	48.6	87.6	99.6	97.9	75.0	24.8	6.1	.9	38.2
51	1.4	1.4	6.5	28.6	72.8	97.5	99.9	99.9	90.2	44.9	13.0	1.8	46.6
45	2.3	3.3	14.3	51.4	89.9	99.3	100.0	100.0	97.8	66.1	25.5	5.1	54.9
41	3.4	11.1	28.6	73.8	98.2	100.0			99.6	85.1	41.9	12.9	63.4
35	17.5	22.4	50.6	92.6	99.5				100.0	95.6	65.4	29.4	73.1
31	26.7	31.3	52.4	95.1	100.0					98.3	74.8	37.1	77.3
25	40.2	45.2	76.7	97.9						99.7	86.5	52.5	83.3
21	62.3	66.7	92.4	99.9						100.0	96.7	73.3	91.0
21	77.5	32.6	97.8	100.0							99.5	88.1	95.5
15	89.1	92.2	29.4								99.9	96.2	98.1
10	95.8	97.3	100.0								100.0	99.4	99.4
5		96.7	99.3									100.0	99.8
0		99.9	99.9										100.0
-5	100.0	100.0											100.0
MEAN	26.3	29.0	35.5	45.0	54.2	62.7	67.5	66.5	59.8	48.5	38.8	29.8	46.9
S. D.	6.685	9.282	8.587	7.918	7.328	6.485	4.687	5.257	7.514	8.413	8.973	8.799	16.518
TOTAL OBS.	117	174	117	114	117	112	117	117	114	117	114	117	1366



CENTRAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC  
 17.00  
 STATION ADDRESS AFB MD

# DAILY TEMPERATURES

43-81

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
10						1.2	4.0	2.5	.6				.0
11					.5	15.5	29.9	24.0	7.4	.2			.7
12				1.1	8.4	41.1	67.4	59.2	23.6	1.9	.1		6.5
13		.1	1.3	6.4	25.6	66.8	93.3	87.3	48.3	7.5	.9		17.0
14	.1	.3	2.9	15.4	48.5	86.7	99.4	98.0	72.7	21.7	3.4	.2	28.3
15	.2	.9	7.4	29.8	72.1	98.2	100.0	100.0	89.6	43.3	10.0	1.4	37.6
16	1.7	4.0	16.7	48.8	89.6	99.9			97.6	65.4	23.9	3.7	46.3
17	6.4	8.9	28.8	73.4	98.0	100.0			99.6	85.7	40.3	10.7	54.5
18	15.2	17.9	44.8	90.9	99.9				100.0	96.6	59.7	22.7	62.8
19	28.6	36.6	69.4	98.2	100.0					99.3	80.3	40.1	70.8
20	56.4	57.1	86.8	99.7						100.0	94.5	62.7	79.5
21	64.4	77.0	96.4	100.0							98.9	80.3	87.6
22	84.8	83.8	98.7								99.7	92.0	93.6
23	3.5	96.0	99.8								100.0	98.2	97.0
24	1.1	99.0	99.9									99.9	99.0
25	99.9	99.8	1.0.0									100.0	99.9
26	99.9	100.0											100.0
27	100.0												100.0
28													100.0
29													100.0
30													100.0
31													100.0
32													100.0
33													100.0
34													100.0
35													100.0
36													100.0
37													100.0
38													100.0
39													100.0
40													100.0
41													100.0
42													100.0
43													100.0
44													100.0
45													100.0
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80													100.0
81													100.0
82													100.0
83													100.0
84													100.0
85													100.0
86													100.0
87													100.0
88													100.0
89													100.0
90													100.0
91													100.0
92													100.0
93													100.0
94													100.0
95													100.0
96													100.0
97													100.0
98													100.0
99													100.0
100													100.0
MEAN	34.5	36.3	44.6	55.2	64.1	72.4	76.7	75.6	69.0	58.1	47.6	37.6	56.0
S D	9.918	9.689	9.613	8.604	7.320	6.488	4.612	5.113	7.261	7.839	8.995	9.224	17.043
TOTAL OBS	1174	1074	1178	1140	1178	1122	1177	1177	1140	1178	1140	1178	13860

FEDERAL CLIMATOLOGY BRANCH  
USAFETAC

**DAILY TEMPERATURES**

AIR WEATHER SERVICE/MAC

13795  
STATION

ANDREWS AFB MD  
STATION NAME

43-81

YEARS

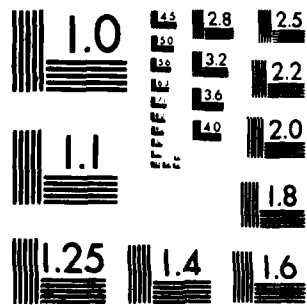
CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
75						1.4	4.2	2.8	.5				.8
72					.5	15.5	38.8	33.4	10.8				8.4
69					8.0	43.7	74.6	68.0	30.1	2.9	.5		19.1
66		.1	.8	4.6	26.9	69.2	94.0	88.9	53.0	11.0	2.0	.1	29.3
63	.7	.5	2.5	12.9	48.6	87.6	99.6	97.9	75.0	24.8	6.1	.9	38.2
60	1.4	1.4	6.5	28.6	72.8	97.5	99.9	99.9	90.2	44.9	13.0	1.8	46.6
57	2.8	3.8	14.3	51.4	89.8	99.8	100.0	100.0	97.8	66.1	25.5	5.1	54.9
54	8.4	10.0	28.6	73.8	98.1	100.0			99.6	85.1	41.9	12.9	63.4
51	19.5	22.4	50.6	92.6	99.4				100.0	95.8	65.4	29.4	73.1
48	26.7	31.3	62.4	95.1	99.9					98.3	74.8	37.1	77.3
45	40.2	45.2	76.7	97.9						99.7	86.5	52.5	83.3
42	62.3	66.7	92.4	99.9						100.0	96.7	73.3	91.0
39	77.5	82.6	97.8	100.0							99.5	88.1	95.5
36	89.1	92.2	99.4								99.9	96.2	98.1
33	95.8	97.3	100.0								100.0	99.4	99.4
30	98.7	99.3										100.0	99.8
27	99.9	99.9			100.0								100.0
24	100.0	100.0											100.0
21													
18													
15													
12													
9													
6													
3													
0													
MEAN	26.0	28.0	35.5	45.0	54.1	62.7	67.5	66.5	59.8	48.5	38.8	29.8	41.0
S.D.	9.685	9.282	8.587	7.918	7.468	6.485	4.687	5.257	7.514	8.413	6.973	6.790	7.700
TOTAL OBS	1178	1174	1178	1140	1178	1132	1177	1177	1148	1178	1140	1178	1178



10238



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

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC  
13705 ANDREWS AFB MD

DAILY TEMPERATURES

43-81

YEARS

STATION

STATION NAME

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
90						.1							.0
85						1.2	4.0	2.5	.6				.7
80					.5	15.5	29.9	24.0	7.4	.2			6.5
75				1.8	8.4	41.1	67.4	59.2	23.6	1.9	.1		17.0
70		.1	1.3	6.5	25.6	66.8	93.3	87.3	48.3	7.5	.9		28.3
65	.3	.3	2.9	15.4	48.5	86.7	99.4	98.0	72.7	21.7	3.4	.2	37.6
60	.9	.9	7.4	29.8	72.1	98.2	100.0	100.0	89.6	43.3	10.0	1.4	46.3
55	2.7	4.0	16.7	48.8	89.5	99.9			97.6	65.4	23.9	3.7	54.5
50	6.6	8.8	28.8	73.4	97.9	100.0			99.6	85.7	40.3	10.7	62.8
45	15.5	17.9	44.8	90.9	99.8				100.0	96.6	59.7	22.7	70.8
40	28.8	36.6	69.4	98.2	99.9					99.3	80.3	40.1	79.5
35	49.4	57.1	86.8	99.7	100.0					100.0	94.5	62.7	87.6
30	69.5	77.0	96.4	100.0							98.9	80.3	93.6
25	84.8	88.8	98.7								99.7	92.0	97.0
20	93.5	96.0	99.8								100.0	98.2	99.0
15	98.0	99.0	99.9									99.9	99.7
10	99.8	99.8	100.0									100.0	100.0
5	99.9	100.0											100.0
0	100.0												100.0
MEAN	34.5	36.3	44.6	55.2	64.1	72.4	76.7	75.6	69.0	58.1	47.6	37.6	56.0
S.D.	9.918	9.689	9.613	8.604	7.359	6.488	4.612	5.113	7.261	7.839	8.995	9.224	17.044
TOTAL OBS.	1178	1074	1178	1140	1178	1122	1177	1177	1140	1178	1140	1178	13860

USAFETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
JUL 64

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**EXTREME VALUES**  
 MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

137.5 STATION ANDREWS AFB MD 43-81 YEARS

WHOLE DEGREES FAHRENHEIT

YEAR	MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43							* 96	93	98	95	82	72	63	
44		69	67	80	81	91	96	95	94	91	84	71	57	96
45		57	64	87	86	88	96	98	94	90	80	77	56	98
46		64	71	79	88	87	92	96	90	94	84	76	71	96
47		73	55	68	84	90	94	93	97	92	86	65	60	97
48		59	79	87	84	90	94	93	99	89	79	78	67	99
49		70	74	81	84	89	94	96	97	88	85	75	64	97
50		77	54	79	81	90	93	93	91	90	83	84	70	93
51		69	71	70	87	89	96	95	96	93	92	73	73	96
52		73	58	82	88	85	100	98	90	94	85	70	62	100
53		70	70	69	86	89	93	98	100	100	82	76	67	100
54		70	75	80	86	88	99	102	95	99	92	68	64	102
55		62	66	79	82	90	92	98	97	89	83	78	63	98
56		62	66	71	88	93	96	94*	93	93	80	72	75	96
57		69	69	73	92	90	97	100	97	92	74	73	63	100
58		59	62	56	85	86	93	94	92	92	85	76	59	94
59		70	67	79	88	90	100	92	95	91	90	76	63	100
60		58	67	79	93	86	90	93	93	87	81	73	68	93
61		53	70	80	88	86	90	95	92	95	81	81	60	95
62		60	68	77	86	92	93	92	94	93	84	63	64	94
63		61	55	84	88	93	92	94	92	89	83	72	54	94
64		64	60	76	85	90	96	92	91	92	75	74	69	96
65		69	67	70	79	91	93	93	95	92	77	73	70	95
66		66	65	82	84	89	96	100	92	93	77	74	72	100
67		72	69	75	85	82	91	90	90	83	85	72	62	91
68		61	50	83	83	85	94	95	95	86	83	77	66	95
69		60	49	67	89	96	98	97	89	89	84	71	60	98
70		61	60	70	82	89	93	91	92	96	85	66	70	96
71		51	71	72	84	88	91	92	90	86	80	83	72	92
72		65	73	78	85	81	87	94	94	89	75	72	65	94
MEAN														
S. D.														
TOTAL OBS														

NOTES \* (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

**EXTREME VALUES**  
 MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13705      ANDREWS AFB MD      43-81  
STATION                      STATION NAME                                      YEARS

**WHOLE DEGREES FAHRENHEIT**

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
73	64	63	71	86	83	94	94	96	95	84	77	68	96
74	69	72	79	90	89	90	93	92	87	80	84	63	93
75	74	71	67	79	89	98	92	98	86	86	82	70	98
76	59	80	81	96	85	94	93	91	91	76	71	57	96
77	47	72	82	86	89	92	98	96	92	80	75	59	98
78	60	49	77	87	85	93*	97	92	90	83	76	73	* 97
79	64	54	84	78	87	86	90	94	87	88	76	72	94
80	56	59	70	80	90	94	100	97	98	83	72	73	100
81	60	71	80	87	88								
MEAN	63.6	65.3	76.4	85.8	88.4	93.8	94.8	94.0	91.3	82.5	74.3	65.4	96.4
S.D.	6.721	8.014	6.554	3.825	3.044	3.172	2.985	2.882	3.761	4.260	4.788	5.528	2.703
TOTAL OBS	1178	1074	1178	1140	1178	1122	1177	1177	1140	1178	1140	1178	13860

NOTES \* (BASED ON LESS THAN FULL MONTHS)

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



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**EXTREME VALUES**  
 MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13705 ANDREWS AFB MD  
 STATION STATION NAME

43-81  
 YEARS

WHOLE DEGREES FAHRENHEIT

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

NOTES \* (BASED ON LESS THAN FULL MONTHS)

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



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

**EXTREME VALUES**

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13705  
STATION

ANDREWS AFB MD  
STATION NAME

43-81  
YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
73	14	9	28	29	39	55	60	59	52	37	26	20	9
74	17	9	25	30	41	53	56	56	42	33	24	26	9
75	19	19	25	30	46	55	61	61	48	35	30	17	17
76	7	12	22	30	40	50	60	52	45	30	17	12	7
77	2	13	27	27	39	42	54	55	47	34	23	9	2
78	8	13	13	36	41	47*	55	59	45	36	31	19	8
79	10	-4	19	32	38	45	48	52	48	33	26	21	-4
80	18	9	10	31	42	47	60	59	46	35	25	9	9
81	3	13	22	31	4								
MEAN	10.1	11.9	21.3	30.9	40.0	50.2	57.8	55.7	45.7	34.4	24.2	14.9	7.3
S. D.	6.240	6.166	4.700	3.138	7.092	3.804	2.958	3.136	3.533	3.775	4.443	4.660	5.349
TOTAL OBS	1178	1074	1178	1140	1178	1122	1177	1177	1140	1178	1140	1178	13860

NOTES \* (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13705' ANDREWS AFB MD STATION NAME

70,73-81 YEARS

JAN 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		.1	.4															5	5		
62/ 61		.1																1	1	1	
60/ 59		.5	.3															8	8	5	2
58/ 57		.3		.1														4	4	6	7
56/ 55		.1	.3					.2	.2									8	8	5	3
4/ 53			.1	.2	.2			.1										6	6	1	4
52/ 51		.2		.2	.2	.2												8	8	5	2
50/ 49		.1	.2	.3	.2	.1												9	9	2	2
48/ 47		1.0	.3	.2	.2	.2												18	18	6	5
46/ 45		1.1	.4	.4	.6	.2												26	26	20	4
44/ 43		1.2	.4	.8	.5													27	27	16	13
42/ 41		1.0	.4	1.4	.1													27	27	29	14
40/ 39	.6	1.7	1.8	1.0	.1													49	49	28	24
38/ 37	.2	1.6	1.6	2.4	.6													60	60	32	11
36/ 35	.4	2.5	2.8	2.7	.2													80	80	62	24
34/ 33	.4	2.5	2.7	.6	.4													62	62	72	34
32/ 31	.5	3.2	3.3	3.0														94	94	66	54
30/ 29	.3	3.5	3.4	1.0														77	77	86	39
28/ 27	.1	3.2	2.2	.5														56	56	75	61
26/ 25	.1	2.4	2.7	.3														51	51	91	72
24/ 23		1.5	2.8	.5														45	45	40	41
22/ 21		1.3	4.1	.2														52	52	52	44
20/ 19	.3	2.2	3.9															59	59	60	76
18/ 17	.1	1.5	.8															22	22	59	48
16/ 15	.1	.6	.8															14	14	33	45
14/ 13	.1	1.3	.9															21	21	14	41
12/ 11	.1	1.9	.2															21	21	21	43
10/ 9		.8	.3															10	10	24	47
8/ 7		.4																4	4	10	45
6/ 5		.2																2	2	3	25
4/ 3		.3																3	3	2	24
2/ 1		.1																1	1	4	20
0/ -1																					20
-2/ -3																					17
Element (X)	Σ <sub>H</sub> <sup>1</sup>	Σ <sub>H</sub>	X	σ <sub>H</sub>	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13705      ANDREWS AFB MD      70,73-81      JAN

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	
64/ 63			.3														3	3				
62/ 61			.3														3	3				
61/ 59			.3														3	3	6			
60/ 57		.3				.1											4	4	3	5		
56/ 55					.1												1	1	3	5		
54/ 53		.4	.1	.1													6	6	1	3		
52/ 51		.1		.3	.1		.1										6	6	3	2		
50/ 49		.2	.1	.4		.2											9	9	3	1		
48/ 47	.2	1.0	.2	.2	.2												17	17	7	4		
46/ 45		.9	.2	.1	.1	.2											14	14	14	6		
44/ 43		.3	.3	1.0	.2	.1											18	18	15	7		
42/ 41	.1	1.8	.5	1.3	.4												39	39	19	13		
40/ 39	.2	1.7	1.7	.6	.5												45	45	25	15		
38/ 37	.3	2.7	1.6	2.4	.3												68	68	29	22		
36/ 35	.2	3.0	1.7	1.4	.2												61	61	64	26		
34/ 33	.8	2.6	3.4	1.6	.1												79	79	76	28		
32/ 31	.4	3.3	3.1	2.0													83	83	67	51		
30/ 29	.4	3.5	2.9	.3													67	67	83	52		
28/ 27	1.3	2.4	2.2	.4													58	58	89	59		
26/ 25	.4	2.7	3.3	.3													63	63	67	58		
24/ 23		2.0	2.2	.2													41	41	50	40		
22/ 21	.1	1.2	4.1	.1													51	51	55	57		
20/ 19	.1	3.5	2.3														55	55	44	70		
18/ 17	.1	1.8	1.9														36	36	59	61		
16/ 15	.8	1.0	1.0														25	25	45	35		
14/ 13	.1	1.4	.9														22	22	27	40		
12/ 11	.3	2.0	.1														23	23	20	49		
10/ 9		1.5	.2														16	16	29	51		
8/ 7		.9															5	5	13	27		
6/ 5		.2															2	2	6	23		
4/ 3		.6															6	6	3	23		
2/ 1		.1															1	1	5	36		
0/ -1																				15		
-2/ -3																				24		
Element (X)	$\Sigma X'$	$\Sigma X$	X	$\sigma_n$	No. Obs.												Mean No. of Hours with Temperature					
Rel. Hum.					$\leq 0 F$	$\leq 32 F$	$\leq 47 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total											
Dry Bulb																						
Wet Bulb																						
Dew Point																						

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



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13705      ANDREWS AFB MD      70,73-81      JAN

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
66/ 65			.2														2	2		
64/ 63			.1														1	1		
62/ 61																			2	
60/ 59																			1	1
58/ 57		.3	.2	.3													8	8	2	2
56/ 55		.1		.1													2	2	1	3
54/ 53		.6															6	6	4	2
52/ 51	.1	.1	.1	.2													5	5	9	3
50/ 49		.2	.2	.5		.1											10	10	2	5
48/ 47	.1	.1	.1	.1	.1	.1											6	6	5	2
46/ 45		1.2	.8	.2	.1												21	21	8	9
44/ 43		1.0	.6	.6		.1											22	22	16	4
42/ 41		1.6	.4	.4													23	23	23	12
40/ 39	.5	1.7	1.0	1.3	.8												49	49	29	21
38/ 37	.2	2.7	1.2	2.4	.3												63	63	29	25
36/ 35	.4	2.8	1.6	2.4	.3												70	70	51	23
34/ 33	.6	3.3	3.5	1.6													85	85	61	32
32/ 31	.2	4.4	3.9	1.6													94	94	75	45
30/ 29	.3	2.4	2.7	.6													56	56	98	50
28/ 27	1.1	2.8	2.2	.3													59	59	89	46
26/ 25	.2	2.8	1.5	.2													44	44	60	54
24/ 23	.2	1.6	2.4	.1													40	40	51	41
22/ 21	.1	2.2	1.7	.3													40	40	40	71
20/ 19		3.5	3.1														62	62	49	56
18/ 17	.1	1.9	1.8														36	36	53	64
16/ 15	.4	2.5	1.2														38	38	44	48
14/ 13	.3	2.4	.8														32	32	42	33
12/ 11	.2	1.2	.4														17	17	27	47
10/ 9	.1	2.0	.1														21	21	18	55
8/ 7	.3	.5															8	8	26	29
6/ 5																			5	22
4/ 3	.1	.4															5	5	5	16
2/ 1		.3															3	3	1	48
0/ -1	.1																1	1	3	12

Element (X)	$\Sigma g^1$	$\Sigma g$	X	$\sigma^2$	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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB MD STATION NAME

70,73-81 YEARS

JAN 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																	1	1	1	26		
-4/-5																					12		
-6/-7																					6		
-8/-9																					2		
-11/-15																					3		
TOTAL	6.0	46.8	31.8	13.4	1.6	.3												930		930	930		
Element (X)	Σ X'		Σ X			X			Σ X			No. Obs.			Mean No. of Hours with Temperature								
Rel. Hum.	4652874		64242			69.1			15.220			930			≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total		
Dry Bulb	896848		27118			29.2			10.687			930			.2	55.7						93	
Wet Bulb	750384		24622			26.9			10.298			930			.4	68.7						93	
Dew Point	516908		18414			19.8			12.804			930			6.1	78.6						93	

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







GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13705      ANDREWS AFB MD      70,73-81      JAN

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
74/ 73						.1												1	1	
72/ 71				.1														1	1	
70/ 69				.1			.2											3	3	
68/ 67						.1	.1											2	2	
66/ 65							.1											1	1	2
64/ 63			.1		.1	.2		.1										5	5	1
62/ 61			.1		.3		.1											5	5	2
60/ 59			.2			.2	.2	.4										10	10	2
58/ 57		.3	.2	.2	.2	.1	.4											14	14	5
56/ 55		.6	.3	.2	.3	.3	.1		.2									20	20	8
54/ 53		.5		.3	.8	.1	.1	.1										18	18	16
52/ 51				.3	.5	.3												11	11	7
50/ 49		.2	.1	1.1	.4	1.0	.2											28	28	10
48/ 47		.5	.3	1.0	1.2	.6												34	34	11
46/ 45		.9	.2	1.6	1.4	1.4												51	51	28
44/ 43	.1	1.0	.8	.8	1.1	1.3	.1											47	47	29
42/ 41	.2	1.6	.8	1.4	2.3	.3												61	61	39
40/ 39	.2	.5	.9	1.3	3.0	.8												62	62	61
38/ 37	.1	.9	2.5	2.4	1.4	.5												72	72	36
36/ 35	.1	1.7	3.0	2.4	1.5	.2												83	83	69
34/ 33	.2	1.8	1.3	2.2	1.0	.2												62	62	95
32/ 31		2.2	1.9	3.2	1.9	.1												87	87	92
30/ 29	.2	1.2	1.8	3.2	.6													66	66	67
28/ 27		.8	1.9	3.0														53	53	68
26/ 25	.3	.4	2.3	1.5														42	42	68
24/ 23		.1	1.5	1.1														25	25	74
22/ 21		.2	1.9	.5														25	25	42
20/ 19		.2	1.0	.2														13	13	43
18/ 17			1.4															13	13	18
16/ 15			.8															7	7	11
14/ 13			.1															1	1	16
12/ 11		.2																2	2	4
10/ 9		.3																3	3	3
8/ 7		.1																1	1	4
Element (X)	$\Sigma X'$	$\Sigma X$		$\bar{X}$	$\sigma^2$	No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.								$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total						
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13705      ANDREWS AFB MD

70,73-81

YEARS

JAN

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
74/ 73								.2										2	2	
72/ 71							.1	.2										3	3	
70/ 69								.1										1	1	
68/ 67								.5										5	5	
66/ 65								.1	.1									2	2	
64/ 63				.2				.2										4	4	
62/ 61		.1	.3					.2		.2								8	8	5
60/ 59		.1						.3	.4									8	8	3
58/ 57		.4	.2			.2	.4	.2	.2									16	16	7
56/ 55		.4	.4			.1	.3			.2			.2					14	14	8
54/ 53		.1	.1	.1	.2	.2	.2	.1										10	10	10
52/ 51			.1	.1	.8	.6	.2											17	17	3
50/ 49		.2		1.2	.2	.4	.4											23	23	8
48/ 47		.3	.2	1.3	1.0	.9	.5											39	39	15
46/ 45		1.8	.6	1.3	.5	1.5	.2											56	56	19
44/ 43		1.4	1.1	1.1	1.4	1.1	.1											57	57	44
42/ 41		1.1	.8	1.6	1.3	.6												50	50	41
40/ 39	.2	.3	1.4	2.5	1.7	1.1												67	67	53
38/ 37	.1	1.5	1.8	2.9	1.5	.3												76	76	43
36/ 35	.4	1.9	2.2	2.7	1.1	.5												82	82	78
34/ 33	.2	.6	1.1	2.9	1.5	.2												61	61	85
32/ 31	.3	2.5	2.8	3.4	2.5													107	107	88
30/ 29	.1	.4	1.6	3.3	.6													57	57	75
28/ 27		1.0	1.1	2.9	.1													47	47	68
26/ 25	.1	.8	2.3	1.8														46	46	82
24/ 23			1.4	1.0														22	22	70
22/ 21	.3		1.0															12	12	49
20/ 19			1.7	.4														20	20	31
18/ 17			.9															8	8	8
16/ 15			.4															4	4	20
14/ 13			.1															1	1	10
12/ 11		.1																1	1	1
10/ 9		.4																4	4	2
8/ 7																		4	4	4
Element (X)	Σ x <sup>1</sup>		Σ x		Σ	σ <sub>n</sub>	No. Obs.		Mean No. of Hours with Temperature								TOTAL			
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB MD  
 STATION STATION NAME

70,73-81  
 YEARS

JAN  
 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				
74/ 73							.1											1	1					
72/ 71							.1											1	1					
70/ 69							.1											1	1					
66/ 65						.2												2	2					
64/ 63				.1	.1													2	2					
62/ 61			.2		.3	.1		.1	.1									8	8	2				
60/ 59		.1			.1		.1											3	3	1				
58/ 57		.8	.1															8	8	5				
56/ 55		.4		.2		.1	.1											8	8	12				
54/ 53		.1			.1	.1												3	3	6				
52/ 51		.3	.4		.2	.1												10	10	2				
50/ 49		.5	.3	.2	.4	.3												17	17	8				
48/ 47		.4	.5	.8	.2	.3												21	21	9				
46/ 45		.8	.9	.5	.6	.5												31	31	11				
44/ 43		1.0	1.2	1.4	1.2													44	44	24				
42/ 41	.1	.6	1.4	1.7	.6	.2												44	44	28				
40/ 39	.6	1.4	1.0	1.1	1.2	.1												50	50	42				
38/ 37	.3	1.5	2.3	2.4	.6	.1												67	67	47				
36/ 35	.5	1.2	3.0	2.8	1.1													80	80	57				
34/ 33	.5	2.8	3.3	3.1	.1													92	92	68				
32/ 31	.1	2.9	4.0	3.4	.6													103	103	88				
30/ 29	.1	1.0	3.2	2.4	.1													63	63	94				
28/ 27	.1	.9	2.7	2.7														59	59	76				
26/ 25		2.2	3.8	1.8														72	72	79				
24/ 23		.5	2.8	.4														35	35	79				
22/ 21	.1	.5	3.6	.1														40	40	54				
20/ 19	.4	.3	1.6															22	22	54				
18/ 17		.1	1.3															13	13	30				
16/ 15		.1	.6															7	7	13				
14/ 13		.4	.9															12	12	13				
12/ 11		.1																1	1	13				
10/ 9		.5	.2															7	7	5				
8/ 7		.1	.1															2	2	5				
6/ 5																				4				
Element (X)	Z <sub>1</sub>	Z <sub>2</sub>	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 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

### PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB MD

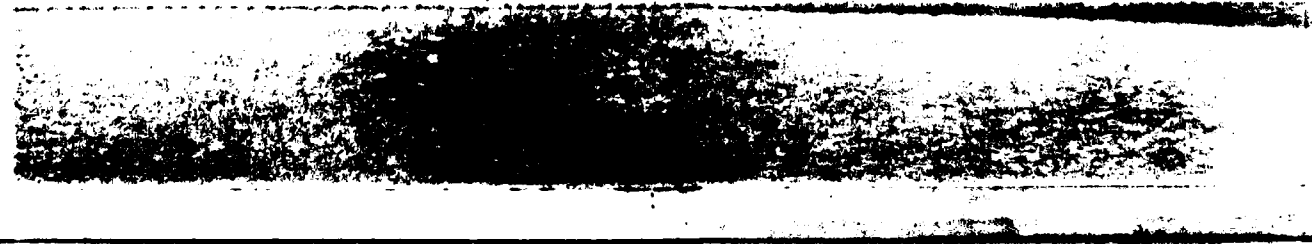
70,73-81

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/ 3																							13	
2/ 1																							24	
1/ -1																							14	
-2/ -3																							11	
-4/ -5																							8	
-6/ -7																							5	
-8/ -9																							1	
-10/ -11																							1	
-12/ -13																							2	
TOTAL	3.0	21.6	39.4	25.2	7.8	2.3	.5	.1	.1												929	929	929	
																						929	929	929
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma^2$	No. Obs.	Mean No. of Hours with Temperature					Total													
Rel. Num.	3806176	57410	61.8	16.686	929	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total												
Dry Bulb	1148752	31354	33.8	9.878	929		43.6	.3	.1			93												
Wet Bulb	906903	27688	29.8	8.392	929		60.8					93												
Dew Point	568347	19773	21.3	12.607	929	4.2	76.2					93												

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



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13705      ANDREWS AFB MD      70,73-81      JAN

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				
72/ 71									.1									1	1						
64/ 63			.3															3	3						
62/ 61					.2		.1	.1										4	4						
60/ 59		.2	.1		.1			.1										5	5	3					
58/ 57		.4	.2	.1				.1										8	8	3					
56/ 55		.6	.1	.2			.1											10	10	7	9				
54/ 53		.2	.1	.1		.2												6	6	9	5				
52/ 51			.4	.3	.1	.2												10	10	4	4				
50/ 49			.3	.3	.2	.2												10	10	5	3				
48/ 47		.6	.5	.3	.3													14	14	6	2				
46/ 45		.1	1.2	1.0	.5	.5												31	31	17	6				
44/ 43		1.2	.8	.6	1.2	.1												36	36	12	10				
42/ 41	.1	.5	1.1	1.4	.5													34	34	32	13				
40/ 39	.8	.8	1.1	1.3	.4													40	40	32	23				
38/ 37	.4	1.4	1.3	2.8	.6	.1												62	62	38	14				
36/ 35	.8	1.6	2.3	1.9	.2													63	63	61	29				
34/ 33	.4	3.2	4.2	1.3	.4													89	89	55	34				
32/ 31	.2	3.0	5.8	2.8	.2													112	112	82	42				
30/ 29		1.5	3.7	1.6														63	63	92	45				
28/ 27	.1	2.6	2.3	1.2														57	57	75	43				
26/ 25	.1	2.2	2.9	.6														54	54	91	64				
24/ 23	.3	1.0	3.2	.6														48	48	55	61				
22/ 21	.1	1.3	4.9	.1														60	60	50	58				
20/ 19	.2	1.8	2.9															46	46	71	91				
18/ 17		.5	.9															13	13	60	39				
16/ 15		.4	1.0															13	13	13	38				
14/ 13		1.2	.9															19	19	17	45				
12/ 11		.6	.1															7	7	16	43				
10/ 9		.3																3	3	12	42				
8/ 7		.8																7	7	3	54				
6/ 5		.2																2	2	7	28				
4/ 3																				2	25				
2/ 1																					15				
0/ -1																					17				
Element (X)	Σ X <sup>1</sup>	Σ X <sup>2</sup>	Σ X	Σ X <sup>2</sup>	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Mean No. of Hours with Temperature							
Rel. Hum.																		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-5 (OL A) REVISED SEPTEMBER 1964 USE PREVIOUS EDITIONS OF THIS FORM AIR OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

13705      ANDREWS AFB MD      70,73-81      JAN

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/-3																					10
-4/-5																					11
-6/-7																					3
-10/-11																					1
-12/-13																					1
-14/-15																					1
-16/-17																					1
TOTAL	3.5	28.4	42.5	18.4	5.2	1.5	.1	.3	.1								930	930	930	930	

Element (X)	$\Sigma H'$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	4068902	59752	64.215	730	930	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Dry Bulb	1053937	29815	32.110	276	930		50.4	.1				93
Wet Bulb	846039	26569	28.6	9.677	930		64.6					93
Dew Point	543168	19276	20.712	534	930	4.5	77.8					93

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



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13705      ANDREWS AFB MD      70,73-81      JAN  
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															
74/ 73						.0	.0	.0																					4	4					
72/ 71				.0		.0	.0		.0																				6	6					
70/ 69				.0			.1																						5	5					
68/ 67			.0				.1																						8	9					
66/ 65			.0				.0		.0																				8	8	2				
64/ 63		.0	.2	.1	.0		.0		.0																				25	25	2				
62/ 61		.0	.1		.1	.0	.1	.0	.0																				30	30	12	3			
60/ 59		.1	.1	.0	.0	.0	.1	.1																					42	42	21	5			
58/ 57		.4	.1	.1	.1	.1	.1	.1	.0																				66	66	34	17			
56/ 55		.3	.2	.1	.1	.1	.1	.1		.1																			73	73	47	37			
54/ 53		.3	.1	.1	.2	.1	.1	.0																					69	69	54	43			
52/ 51	.0	.1	.2	.2	.2	.3	.1																						84	84	42	40			
50/ 49		.2	.2	.6	.2	.3	.1																						117	117	49	34			
48/ 47	.0	.6	.3	.5	.5	.3	.1																						167	167	70	33			
46/ 45		.9	.6	.7	.6	.6	.0																						255	255	131	61			
44/ 43	.0	1.0	.7	.9	.8	.3	.0																						286	286	176	70			
42/ 41	.1	1.2	.8	1.3	.8	.2																							317	317	237	123			
40/ 39	.5	1.2	1.4	1.3	1.2	.3																							431	431	298	178			
38/ 37	.3	1.8	1.7	2.5	.8	.1																							543	543	307	148			
36/ 35	.4	2.1	2.5	2.3	.6	.1																							598	598	501	228			
34/ 33	.4	2.5	2.7	1.9	.5	.1																							610	610	584	273			
32/ 31	.2	3.1	3.5	2.7	.7	.0																							764	764	664	377			
30/ 29	.2	1.9	2.8	1.7	.2																								502	502	675	373			
28/ 27	.4	1.9	2.2	1.5	.0																								446	446	607	418			
26/ 25	.2	1.8	2.9	1.0																									435	435	611	484			
24/ 23	.1	.9	2.3	.6																									293	293	467	348			
22/ 21	.1	1.0	3.0	.2																									321	321	402	431			
20/ 19	.1	1.6	2.4	.1																									320	320	402	583			
18/ 17	.0	.8	1.3																										161	161	324	415			
16/ 15	.2	.6	.9																										123	123	211	376			
14/ 13	.1	1.0	.6																										122	122	160	308			
12/ 11	.1	.8	.1																										79	79	118	378			
10/ 9	.0	.8	.1																										68	68	102	377			
8/ 7	.0	.4	.0																										31	31	72	297			
Element (X)	Σ X <sup>2</sup>		Σ X		Σ X	Σ X <sup>2</sup>	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 AIR 34 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13775      ANDREWS AFB MD      70,73-81      JAN

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
6/ 5		.1																7	7	29	176
4/ 3	.0	.2																15	15	12	152
/ 1		.1																5	5	11	251
L/ -1	.0																	1	1	3	127
-2/ -3	.0																	1	1	1	130
-4/ -5																					70
-6/ -7																					36
-8/ -9																					14
-10/ -11																					8
-12/ -13																					4
-14/ -15																					11
-16/ -17																					1
TOTAL	3.6	29.7	34.2	20.5	7.7	3.0	.8	.3	.1									7438	7438	7438	7438
Element (X)	$\Sigma X'$	$\Sigma X$	$\bar{X}$	$\sigma^2$	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	31903029	469963	63.2	17.234	7438	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total									
Dry Bulb	8886352	244336	32.8	10.753	7438	.2	369.5	2.3	.4			744									
Wet Bulb	7034610	216356	29.1	9.984	7438	.4	487.2					744									
Dew Point	4465500	155264	20.9	12.831	7438	40.3	614.7					744									

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB MD STATION STATION NAME

70,73-81 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			
66/ 67							.4											3	3					
62/ 61			.2															2	2					
60/ 59		.1	.1	.1					.6									8	8					
58/ 57		.1			.2	.1	.1	.1										6	6	4				
57/ 55		.5	.4	.4	.2	.1	.1											14	14	5 2				
54/ 53		.4	.7	.4	.2	.1												15	15	4 6				
52/ 51		.5	.6	.4	.7	.2												20	20	12 6				
50/ 49		.2	.5	.5	.6	.8												22	22	11 5				
48/ 47		.4	.4	.7	.4	.1	.2											18	18	16 9				
46/ 45	.1	.4	.5	.1	.5	.6	.1											19	19	19 5				
44/ 43	.2	1.7	.4	.4	.7	.1												29	29	25 19				
42/ 41	.4	.2	1.3	1.1	.6	.1												31	31	29 20				
40/ 39	.4	.4	.9	1.5	.4													30	30	23 14				
38/ 37		1.9	2.5	1.8	.1													53	53	24 12				
36/ 35	.1	2.0	2.5	1.4	.1													52	52	58 16				
34/ 33		2.5	3.2	2.1														66	66	58 31				
32/ 31		2.4	4.1	1.4	.1													68	68	54 42				
30/ 29	.2	1.8	4.0	1.2	.5													65	65	64 36				
28/ 27	.1	1.9	3.9	2.1	.1													69	69	64 51				
26/ 25		2.2	3.9	.8														59	59	65 55				
24/ 23	.2	1.9	3.2															45	45	72 47				
22/ 21	.6	2.5	3.1	.1														53	53	78 39				
20/ 19		1.8	2.7															38	38	47 57				
18/ 17		.7	2.2															25	25	37 58				
16/ 15	.1	1.2	.5															15	15	28 55				
14/ 13		.4	.6															8	8	27 32				
12/ 11		.6	.4															8	8	4 36				
10/ 9		.1																1	1	10 47				
8/ 7		.1																1	1	5 44				
6/ 5		.1																1	1	26				
4/ 3																				1 18				
2/ 1		.2																2	2	14				
0/ -1																				2 16				
-2/ -3																				11				
Element (X)	ΣX'		ΣX		Σ	Σ'	No. Obs.										Mean No. of Hours with Temperature							
Rel. Hum.																		≤ 6 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb																								
Wet Bulb																								
Dew Point																								

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1275 STATION      ANDREWS AFB MD      STATION NAME      70,73-81      YEARS      FEB      MONTH

PAGE 2      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																			
-5																																								6
-7																																								7
-9																																								1
-17																																								1
-19																																								2
TOTAL	2.5	29.0	42.7	16.4	5.4	2.4	.9	.7																															846	
																																								846
Element (X)	Σ X'		Σ X		X̄	s <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature						Total																								
Rel. Hum.	3615383		53587		63.3	16.176		846		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb	1004982		27662		32.7	10.906		846			45.5	.3				84																								
Wet Bulb	797781		24543		29.0	10.075		846		.2	55.4					64																								
Dew Point	509502		17698		20.9	12.838		846		4.4	69.6					84																								

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13705      ANDREWS AFB MD      70,73-81      FEB  
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
67/67							.1											1	1		
65/65							.2											2	2		
61/61			.2															2	2		
59/59		.1							.2									3	3		
57/57			.4				.2	.1										6	6	3	1
55/55		.7	.2	.1	.2	.1												12	12	4	2
53/53		.1	.5	.1	.1	.2												9	9	8	5
51/51	.1	.8	.6	.6	.2													20	20	11	8
49/49		.5	.5	.4	.4	.2												16	16	7	7
47/47	.2	.2	.4	.6	.5	.2												18	18	17	8
45/45		.5	.6	.7	.6	.1												21	21	16	9
43/43	.5	.8	.1	.5	.8	.1												24	24	19	15
41/41	.5	.8	.7	.7	.8													30	30	25	13
39/39	.1	.7	1.7	1.3	.4	.1												36	36	23	16
37/37	.1	1.8	2.5	1.4	.5													53	53	23	10
35/35	.1	3.3	1.9	1.9	.1													62	62	58	15
33/33	.2	.9	1.7	1.5														37	37	60	34
31/31	.2	2.4	4.6	1.9	.4													80	80	45	46
29/29	.6	2.0	3.4	.4														54	54	58	25
27/27		2.4	3.9	.9	.1													62	62	70	52
25/25		3.0	3.7	.8														63	63	68	42
23/23	.2	1.8	3.7	.1														49	49	65	46
21/21	.9	1.8	3.3	.2														53	53	60	42
19/19		3.1	2.8															50	50	66	66
17/17		1.5	1.9															29	29	42	51
15/15		.4	1.3															14	14	33	51
13/13		1.8	.4															18	18	23	48
11/11		.8																7	7	21	36
9/9		.6	.5															9	10	6	49
7/7		.2																2	2	7	38
5/5																				4	25
3/3																					17
1/1		.4																3	3		17
-1/-1																				3	21
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13705 STATION      ANDREWS AFB MD      STATION NAME      70,73-81      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
- / -3																					18
- / -5																					3
- / -7																					1
- / -9																					3
- / -11																					2
- / -19																					3
TOTAL	3.9	33.4	41.3	14.2	5.1	1.2	.6	.4									845	846	845	845	

Element (X)	Z <sub>X</sub> <sup>2</sup>	Z <sub>X</sub>	X	σ <sub>X</sub>	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	3806923	55119	65.2	15.831	845	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	939392	26624	31.5	10.961	846		49.0	.1				84
Wet Bulb	760554	23808	28.2	10.313	845	.3	56.8					84
Dew Point	500044	17360	20.5	13.034	845	5.1	69.8					84

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB MD

70,73-81

FEB  
 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
6/ 65							.4											3	3	
2/ 61			.4															3	3	
1/ 59			.4				.1	.1										5	5	1
7/ 57		.2																2	2	5
5-7/ 55		.5	.6		.4	.1												13	13	5
4/ 53	.1	.7	.4	.1	.1	.1												13	13	7
2/ 51	.2	.1	.4	.2	.4	.4												14	14	12
5-7/ 49	.2	.7	.1	.2	.6	.4												19	19	9
4-7/ 47		.5	.7	.6	.2	.1												18	18	14
4-7/ 45		.6	.5	.4	.2													14	14	10
4-7/ 43	.4	.5	.2	.8	.5	.1												21	21	19
2/ 41	.1	.6	1.1	.7	.4													24	24	22
4-7/ 39	.6	.8	.9	1.7	.5	.2												40	40	27
3-7/ 37	.2	1.3	1.8	1.5	.5	.2												47	47	25
1-7/ 35	.5	3.4	3.1	1.5	.2													74	74	34
3-7/ 33	.4	.5	3.2	1.5														47	47	71
2/ 31	.2	2.0	2.8	.7	.4													52	52	51
7/ 29	.9	2.1	4.2	1.4														73	73	69
2-7/ 27		2.8	3.8	.9														64	64	53
2-7/ 25	.6	2.1	3.4	.7														58	58	79
2-7/ 23	.2	1.9	3.2	.2														47	47	69
2/ 21	.4	1.4	2.6															37	37	50
2/ 19		3.3	2.4	.1														49	49	54
1-7/ 17		1.9	2.6															38	38	47
1-7/ 15	.4	.9	1.8															26	26	33
1-7/ 13	.2	.7	.6															13	13	36
1-7/ 11	.4	.6	.2															10	10	10
1-7/ 9	.2	.7	.1															9	9	13
7/ 7		.7																6	7	8
7/ 5																				6
4/ 3		.2																2	3	25
7/ 1		.1																1	1	2
7/ -1																				1
-7/ -3																				19
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	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																				

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



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

10705  
 STATION

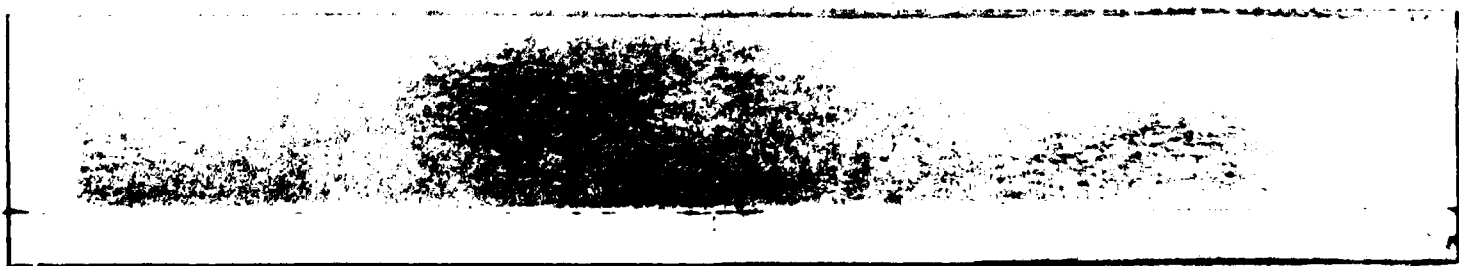
ANDREWS AFB MD  
 STATION NAME

70,73-81  
 YEARS

FEB  
 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
- / -5		.1																1	1	1	9
- / -7																					4
- / -9																					5
- / -11																					3
- / -17																					2
- / -19																					2
TOTAL	6.3	32.3	41.4	13.5	4.3	1.5	.6	.1										843	845	843	843
Element (X)	$\Sigma X'$		$\Sigma X$		$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total							
Rel. Hum.	3847073		55345		65.7	15.925	843	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	84							
Dry Bulb	919743		26203		31.8	11.270	845	.1	48.5					84							
Wet Bulb	749421		23493		27.9	10.606	843	.2	58.0					84							
Dew Point	499458		17124		20.3	13.419	843	5.7	70.6					84							

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



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB MD

70,73-81

FEB

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
64/ 73									.1									1	1		
62/ 69				.1				.2	.1									4	4		
61/ 67						.2	.1											3	3		
60/ 65			.1						.1									2	2	1	
60/ 63		.1			.1													2	2	1	
60/ 61			.5	.1		.1	.2	.2										10	10	1	2
60/ 59			.2	.1		.1	.2	.1										7	7	3	1
60/ 57	.1	.5	.2	.1	.2	.2	.5	.2										18	18	14	4
58/ 55		.9	.2	.1	.1	.7	.2											20	20	7	6
58/ 53		.7	.4	.2	.5	.7	.1											22	22	7	10
52/ 51		.2	.8	.2	.5	.7		.1										22	22	10	9
50/ 49	.1	.5	.7	.8	.4	.5	.2	.2										29	29	16	9
48/ 47		.1	.7	.5	.8	.7	.4											27	27	25	3
48/ 45		.6	.5	.6	.9	.6	.1											28	28	26	12
44/ 43	.2	.2	.9	.9	1.1	.7	.1											36	36	26	13
42/ 41	.4	.4	.6	1.3	1.3	.4	.2											38	38	23	10
40/ 39	.5	.9	.9	2.7	.9	.5												55	55	35	25
38/ 37	.6	1.2	.8	2.4	1.2	.1												53	53	45	20
38/ 35	.4	1.8	1.8	2.5	.7													60	60	54	29
34/ 33	.1	1.2	1.4	3.3	1.1	.1												61	61	66	26
32/ 31		1.8	2.3	4.3	1.3													81	81	57	34
30/ 29	.2	1.3	1.9	2.6														51	51	66	45
28/ 27	.1	.4	2.4	2.6														46	46	70	35
26/ 25		1.1	2.4	1.8														44	44	60	55
24/ 23		1.3	2.0	.5														32	32	73	32
22/ 21		.6	2.0	.6														27	27	42	42
20/ 19	.1	.8	2.0	.1														26	26	36	42
18/ 17	.1	.5	1.2															15	15	29	66
16/ 15			.6															5	5	19	37
14/ 13			.8															7	7	8	46
12/ 11		.2	.4															5	5	6	47
10/ 9		.2																2	4	9	41
8/ 7		.2																2	2	5	32
6/ 5		.1																1	1	1	31
Element (X)	$\Sigma x^2$	$\Sigma x$	$\Sigma$	$\sigma_n$	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 0-26-5 (OL A) JAN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

## PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB MD

70,73-81

FEB

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
4/ 3		.2																2	2	1	15
5/ 1																				2	14
6/ -1																					12
7/ -3																					16
8/ -5																					10
9/ -7																					8
10/ -9																					2
11/ -11																					1
12/ -13																					1
13/ -15																					1
TOTAL	3.0	18.1	28.8	28.6	11.1	6.4	2.7	1.1	.2									844	846	844	844

Element (X)	$\Sigma X'$	$\Sigma X$	$X$	$\sigma_n$	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	1222407	30587	36.2	1.744	846		34.6	.8	.1			84
Wet Bulb	930534	26522	31.4	1.732	844		48.2					84
Dew Point	562578	18288	21.7	1.046	844	5.1	66.2					84

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 APO WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1375 STATION      ANDREWS AFB MD      STATION NAME      70,73-81      YEARS      FEB      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			
7 / 77																		3	3					
76 / 75									.5									4	4					
72 / 71				.2		.1	.4	.1										9	9					
70 / 69				.1		.1	.1	.1		.1	.1							6	6					
67 / 67				.1		.1	.1	.1	.5	.2								9	9					
67 / 65					.1		.1	.4	.6	.1								11	11	3				
64 / 63							.4	.6	.6	.1								8	8					
63 / 61			.2	.2	.1		.4	.6	.2									15	15	5	3			
61 / 59		.2	.1	.2				.6	.2									12	12	8				
61 / 57		.9	.2	.2	.2	.2	.2	.4										21	21	13	4			
58 / 55		.2	.4	.4	.6	.9	1.1	.6	.2									34	34	7	6			
54 / 53		.5	.1	.1	1.2	.2	.9	.8	.2									35	35	16	9			
52 / 51		.5	.2	.2	.1	.4	1.5	.4										28	28	18	11			
50 / 49	.1	.1	.2	.4	.4	1.9	.7											32	32	26	14			
48 / 47		.2	.4	.6	1.7	.8	.7											37	37	21	4			
48 / 45	.1	.2	.6	.2	.9	1.1	.9	.2										37	37	32	7			
44 / 43	.2	.2	.8	.9	1.5	1.1	.8											48	48	27	8			
42 / 41	.1	1.3	.9	.8	1.9	.8	.1											51	51	46	12			
40 / 39		.7	1.1	.6	1.5	1.1	.2											44	44	63	24			
38 / 37		1.3	.6	1.8	2.4	.7												57	57	54	29			
36 / 35		.9	.8	2.2	2.0	.2												53	53	53	31			
34 / 33	.4	.4	1.7	2.6	2.1													60	60	51	31			
32 / 31	.2	.9	2.1	3.4	2.1	.1												76	76	67	41			
30 / 29		.5	.9	2.5	1.1													42	42	57	38			
28 / 27		.7	.4	2.8	.2													35	35	77	37			
26 / 25		.8	.4	1.3														21	21	55	46			
24 / 23			.4	.8														10	10	54	30			
22 / 21		.8	.5	.6														16	16	32	42			
20 / 19		.6	.9	.2														15	15	24	71			
18 / 17			.5															4	4	8	49			
16 / 15			.8															7	7	12	51			
14 / 13			.2															2	2	8	35			
12 / 11																			1	3	46			
10 / 9	.1																	1	1	2	42			
Element (X)	$\Sigma X'$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.														Mean No. of Hours with Temperature					
Rel. Hum.					$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total													
Dry Bulb																								
Wet Bulb																								
Dew Point																								

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13795      ANDREWS AFB MD      70,73-81      FEB.

STATION

STATION NAME

YEARS

MONTH

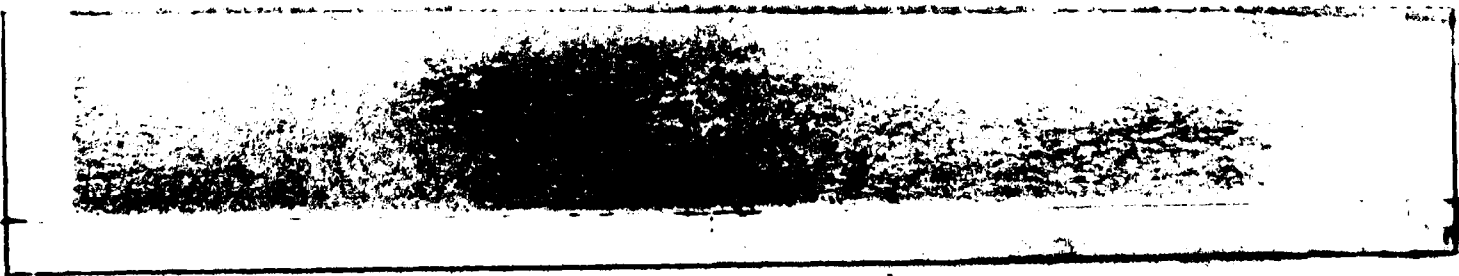
PAGE 2      1200-1400  
HOURS (L. S. T.)

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	
7		.2																2	2	1	29	
5																				2	21	
3																					11	
1																					18	
-1																					15	
-3																					8	
-5																					7	
-7																					7	
-9																					8	
TOTAL	1.2	12.5	15.5	23.4	20.2	9.9	8.6	4.9	2.5	.5	.7									845	845	845

Element (X)	$\Sigma X^1$	$\Sigma X$	$\bar{X}$	$\sigma^2$	No. Obs.	Mean No. of Hours with Temperature					Total	
Ref. Num.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Dry Bulb	2454693	42479	50.3	19.448	845		23.0	3.1	.7			84
Wet Bulb	1557902	34714	41.0	12.568	845		48.0					84
Dew Point	584962	18868	22.3	13.925	845	4.5	64.8					84

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



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13715      ANDREWS AFB MD      70,73-81      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
77/79									.1					.1				1	1		
76/75									.1	.4	.1	.2						3	3		
74/73								.1	.2	.1	.1	.1						7	7		
72/71						.1	.1	.1	.1	.2	.4							6	6		
70/69				.1		.1	.1	.1	.1	.2	.4							10	10		
68/67			.2		.1		.1	.1	.1	.5	.1							11	11		
66/65							.1	.8	.2									10	10	1	
64/63		.1		.5			.1	.6	.4	.1								15	15	2	
62/61		.1	.5		.1		.2	.4	.5	.1								16	16	1	3
60/59		.7	.2			.1	.1	1.1	.1									20	20	7	2
58/57		.4	.1			.8	.4	.2		.4								19	19	22	3
56/55		.4	.5		.1	.5	.6	1.1	.2									28	28	11	10
54/53	.1	.2	.1	.2	.5	.6	1.3	1.2										36	36	13	7
52/51		.5	.2	.5	.2	.7	1.4	.4										33	33	22	8
50/49			.1	.4	.6	1.1	.9											26	26	18	8
48/47		.7	.9	.8	1.4	1.1	1.5	.5										59	59	22	7
46/45		.4	.2	.4	1.3	1.2	.8	.1										37	37	34	4
44/43		.5	.2	.7	1.9	1.3	.2											41	41	32	15
42/41	.2	.5	.8	.6	1.1	.9	.1											36	36	59	3
40/39		.6	1.4	.8	2.0	2.1												59	59	53	26
38/37		1.1	.6	1.5	2.4	.4												50	50	51	31
36/35	.4	.4	.8	1.8	4.3	.5												68	68	68	34
34/33	.1	1.3	.9	2.0	1.8	.1												53	53	45	22
32/31		1.5	1.3	1.9	3.2	.1												68	68	74	42
30/29		.7	.5	3.1	.8													43	43	55	31
28/27		.4	.1	1.8	.5													23	23	78	50
26/25		.7	.6	1.7														25	25	35	48
24/23			.1	.6														6	6	56	35
22/21	.4	.2	.5	.4														12	12	36	42
20/19	.1	.7	.8															14	14	24	66
18/17			.2															2	3	8	54
16/15			.5															4	4	8	41
14/13																				2	41
12/11		.1																1	1	4	42
Element (X)	Σ X'	Σ X	X	°	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13705      ANDREWS AFB MD      70,73-81      FEB

STATION      STATION NAME      YEARS      MONTH

PAGE 2      1500-1700  
HOURS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		= 31	Dry Bulb	Wet Bulb	Dew Point
9		.2																2	2	2	39
7																				1	34
5																					19
3																					19
1																					18
-1																					16
-3																					5
-5																					5
-7																					12
-9																					2
TOTAL	1.3	12.3	12.7	19.7	22.3	11.6	8.3	6.9	2.3	1.5	1.1			.1				844	845	844	844
Element (X)	$\Sigma X'$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	2320340	40886	48.4	20.074	844	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total									
Dry Bulb	1637819	35689	42.2	12.569	845		20.0	3.8	1.1	.1		84									
Wet Bulb	1125262	29542	35.0	10.402	844		38.1					84									
Dew Point	577823	18789	22.3	13.757	844	4.0	65.8					84									

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AFM WEATHER SERVICE/MAC

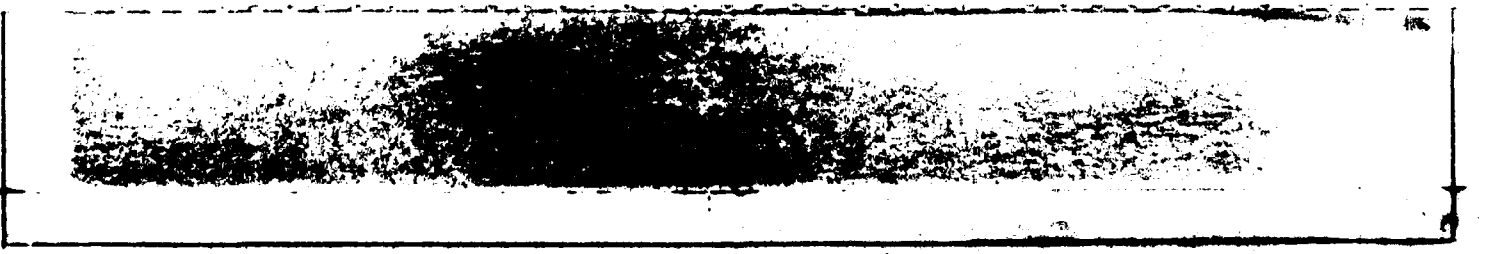
# PSYCHROMETRIC SUMMARY

1375 ANDREWS AFB MD 70,73-81 FEB  
 STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	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
71										.1								1	1	
69									.1	.1								2	2	
67			.1					.2		.1								4	4	
65				.1		.1	.1	.4		.1								7	7	
63		.1		.1		.1		.1										4	4	1
61		.1	.6	.1	.1		.2	.4	.5									17	17	1
59		.1	.6	.1	.5	.4	.5	.4	.1									22	22	5
57		.1	.1	.2	.4	.1	.2	.1										11	11	6
55		.1	.5	.1	.5	.2	.9	.1	.1									22	22	10
53		.5	.1			.5	.5	.1										14	14	16
51		.7	.2			.1	.4	.1										13	13	9
49		.4	.1	.7	.2	.5	.6											21	21	21
47		.8	1.1	.6	.6	1.2	.2											38	38	19
45	.1	.4	.9	.5	1.8	1.1	.2											42	42	19
43		.4	1.1	1.2	1.9	.8												45	45	35
41		.7	.5	1.4	1.4	.4												37	37	27
39	.2	.8	.6	2.5	1.7	.4												52	52	31
37	.1	1.9	.6	1.9	1.7	.1												53	53	60
35	.2	1.3	1.1	2.6	2.0													61	61	64
33	.1	1.2	1.3	4.0	1.4													68	68	66
31	.1	1.9	1.4	4.9	1.4													82	82	50
29		1.2	2.6	2.2	.6													56	56	60
27	.1	.6	1.9	3.8	.1													55	55	77
25	.1	1.1	1.8	1.7														39	40	78
23	.4	.2	.6	1.3														21	21	62
21		.4	.8	.7														16	16	47
19		.7	1.5	.1														20	20	28
17		.7	.4															9	9	20
15			.5															4	4	18
13			.1															1	1	4
11		.4	.1															4	4	2
9			.4															3	3	4
7																				3
5		.1																1	1	1

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







GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13795 ANDREWS AFB MD  
 STATION STATION NAME

70,73-81  
 YEARS

FEB  
 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
60/ 67							.2											2	2		
66/ 65							.2											2	2		
74/ 63							.2	.1										3	3		
82/ 61			.4				.1											4	4		
89/ 59			.2	.2	.2		.4	.2										11	11		
96/ 57		.1		.2	.2	.5	.5	.4										16	16	3	
57/ 55			.6	.5	.6	.4	.4	.2										22	22	5	3
47/ 53		.5	.8	.4	.6	.4	.7	.2										25	25	8	3
72/ 51		.7	.4	.2	.6	.1		.1										18	18	14	4
50/ 49		.4	.2	.1	.2	.1	.1											10	10	20	6
48/ 47		.7	.2	.2	.5	.1	.4											18	18	23	12
46/ 45	.4	.5	.9	.2	.4	.6												25	25	20	15
47/ 43		.5	.7	1.7	1.1	.5	.1											38	38	30	17
42/ 41	.2	.4	1.2	2.1	.5	.1												38	38	21	17
43/ 39	.1	.9	.5	2.4	1.2	.1												44	44	26	14
38/ 37	.5	2.1	1.3	2.2	.6													57	57	38	18
76/ 35		1.2	2.4	1.5	.6													48	48	59	25
34/ 33	.1	1.8	3.0	2.2	.7													66	66	66	26
27/ 31	.2	2.2	2.5	2.6	.4													67	67	59	44
70/ 29	.2	1.2	4.1	3.4														76	77	59	21
24/ 27		1.8	3.2	2.6														64	64	56	51
66/ 25	.1	1.1	2.8	1.4														46	46	84	73
24/ 23	.1	.9	2.5	.6														31	31	64	38
22/ 21	.2	1.5	3.1	.5														45	45	60	38
70/ 19	.1	.9	2.1	.4														30	30	45	69
16/ 17	.1	1.2	.9															19	19	30	52
18/ 15		.4	.9															7	7	28	48
14/ 13		.2	.2															4	4	11	40
12/ 11		.2	.1															3	3	5	52
10/ 9																				4	33
8/ 7		.4																3	3	1	40
6/ 5		.2																2	2	3	20
4/ 3		.1																1	1	3	18
2/ 1																					16

Element (X)	Z <sub>g</sub> '	Z <sub>R</sub>	X	σ <sub>s</sub>	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13715 ANDREWS AFB MD

70,73-81

FEB

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																
79																																	1	1		
77																																	3	3		
75																																	7	7		
73																																	8	8		
71																																	16	16		
69																																	22	22		
67																																	33	33		
65																																	37	37	5	
63																																	32	32	4	
61																																	69	69	8	8
59																																	88	88	24	6
57																																	99	99	70	14
55																																	165	165	54	40
53																																	169	169	79	56
51																																	168	168	108	57
49																																	175	175	128	66
47																																	233	233	157	59
45																																	223	223	176	72
43																																	282	282	213	106
41																																	285	285	252	94
39																																	360	360	281	160
37																																	423	423	320	157
35																																	478	478	448	210
33																																	458	458	483	207
31																																	574	574	457	328
29																																	460	461	488	271
27																																	418	418	545	359
25																																	355	356	524	413
23																																	241	241	515	328
21																																	259	259	405	321
19																																	242	242	324	504
17																																	141	142	221	419
15																																	82	82	179	388
13																																	53	53	119	327
Element (X)	Z <sub>1</sub>	Z <sub>2</sub>	X	C <sub>2</sub>	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																																				
Wet Bulb																																				
Dew Point																																				

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

127.5 STATION ANDREWS AFB MD 70,73-81 YEARS FEB 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
1 / 11	.0	.4	.1															38	39	55	359
1 / 9	.0	.3	.1															27	30	50	332
/ 7		.2																16	17	31	291
/ 5		.1																5	5	17	183
/ 3		.1																5	6	6	138
/ 1		.1																6	6	4	131
/ -1																				6	109
- / -3																					90
- / -5		.0																1	1	1	48
- / -7																					55
- / -9																					27
- / -11																					9
-13 / -13																					2
-14 / -15																					1
- / -17																					5
- / -19																					7
TOTAL	2.6	22.0	29.9	21.5	11.5	5.3	3.6	2.1	.8	.3	.2		.0					6757	6766	6757	6757
Element (X)	Σ X²	Σ X	X̄	σ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	25324139	393889	58.3	18.702	6757	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	9722801	242725	35.9	12.250	6766	.1	291.2	8.9	1.9	.1		672									
Wet Bulb	7294294	209960	31.1	10.677	6757	.7	392.5					672									
Dew Point	4321135	144871	21.4	13.411	6757	35.1	541.5					672									

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

127.5 ANDREWS AFB MD STATION STATION NAME

70,73-81 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
71							.2											2	2		
69					.1	.4		.2										7	7		
67				.1	.2	.4		.1										8	8		
65		.1	.1	.2		.2	.2											8	8		
63			.1	.2	.1	.3	.3											10	10	2	
61			.2	.1	.3	.2												8	8	6	2
59		.3	.8		.3	.2												15	15	10	1
57		.4	.6	.3	.2	.1												16	16	14	7
55		1.0	.2	.4	1.1	.2												27	27	19	4
53	.2		.4	.8	1.1	.8		.1										31	31	21	22
51	.1	.2	1.2	1.4	.6	.6	.1											40	40	14	19
49		1.2	1.0	1.6	.9	.6	.4											53	53	22	9
47	.3	1.9	1.3	1.2	1.7	.5												65	65	44	20
45	.1	2.2	1.0	.9	.8	.1												46	46	49	33
43	.1	1.8	1.7	1.3	1.1	.3												59	59	71	36
41	.5	1.4	2.2	2.3	1.8	.1												77	77	58	55
39	.5	.4	4.0	2.7	1.6	.1												87	87	59	40
37	.3	1.7	3.5	3.2	.6													88	88	57	34
35	1.0	1.7	3.1	3.2	.5													89	89	105	48
33	.6	1.0	2.4	2.7	.5													67	67	102	57
31		.8	1.5	1.9	.8													46	46	73	65
29		.8	1.4	1.8	.1													38	38	57	68
27		.1	1.2	.5														17	17	50	60
25		.2	.9															10	10	44	58
23		.1																1	1	29	31
21			.1															1	1	9	73
19			.4															4	4		49
17		.3	.1															4	4	2	25
15		.3	.3															6	6	7	22
13																				4	29
11																				2	24
9																					22
7																					4
5																					1
Element (X)	Σ X'	Σ X	X	σ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13705      ANDREWS AFB MD      70,73-81      MAR  
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	
67/67				.1	.2	.3	.1											7	7			
67/65		.1	.1	.2	.3	.3												10	10			
64/63		.1	.3	.2	.1	.2												9	9	2		
62/61			.2	.3	.1	.3												9	9	3	2	
62/59		.3	.8	.2	.1	.1												14	14	10	1	
61/57	.1	.4	.3	.1	.2													11	11	15	6	
57/55			.4	1.1	.4													18	18	18	7	
54/53	.5	.2	.8	.9	.3	.2												27	27	12	19	
52/51		.2	.9	1.6	.4	.3												32	32	14	13	
52/49		.8	.9	.9	1.4	.5	.1											42	42	19	11	
48/47	.3	2.0	.8	1.5	.5	.4												52	52	34	15	
46/45		2.9	1.7	1.0	.6	.3												61	61	51	34	
44/43	.4	2.2	1.9	.8	.6	.2												57	57	55	43	
42/41	.5	1.2	2.2	2.6	1.1	.3												73	73	71	46	
41/39	1.0	1.4	3.0	2.3	.9	.2												81	81	52	42	
37/37	.2	2.2	4.5	2.2	.1													85	85	65	41	
36/35	1.1	1.5	3.0	2.3	.6													79	79	86	39	
34/33	.3	2.0	3.4	1.8	.4													75	75	96	66	
32/31	.1	1.1	2.7	2.8	.3													65	65	79	67	
32/29		1.7	2.6	1.1														50	50	58	53	
28/27		.5	1.3	.6														23	23	65	56	
26/25	.1	.9	1.2	.1														21	21	52	60	
24/23		.4	.3															7	7	34	33	
22/21		.4	.2															6	6	16	75	
20/19			.3															3	3	7	39	
18/17			.4															4	4	3	32	
16/15		.3	.2															5	5	3	32	
14/13			.3															3	3	5	37	
12/11																				1	20	
10/9																				3	17	
8/7																					7	
6/5																					4	
4/1																					6	
2/-1																					1	
Element (X)	$\Sigma x^2$	$\Sigma x$	$\Sigma$	$\Sigma$	$\Sigma$	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.							≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																						
Wet Bulb																						
Dew Point																						

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



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AT. WEATHER SERVICE/MAC

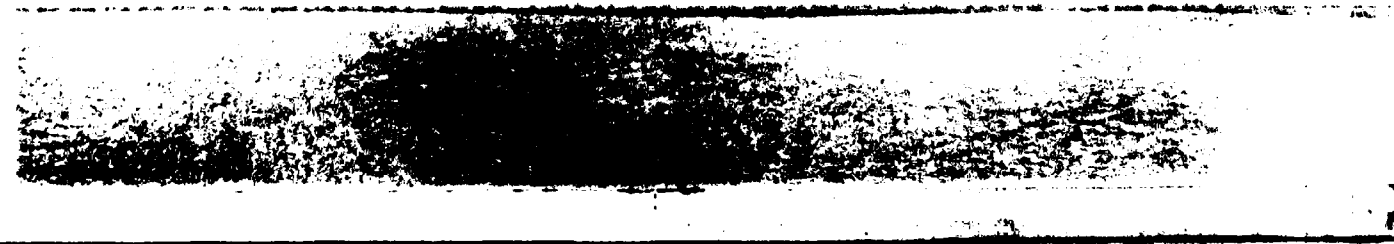
# PSYCHROMETRIC SUMMARY

13705      ANDREWS AFB MD      70,73-81      MAR  
STATION      STATION NAME      YEARS      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
-2/-3																					1
-4/-5																					2
-6/-7																					2
TOTAL	4.7	22.9	34.8	24.5	8.9	3.9	.2											929		929	
																	929		929		
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_n$	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	4525289	63053	67.9	16.274	929	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	1606162	37552	40.4	9.751	929		18.7	.7				93									
Wet Bulb	1318438	33904	36.5	9.349	929		32.6					93									
Dew Point	970691	27885	30.0	12.003	929	.6	54.5					93									

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



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB MD STATION NAME

70,73-81 YEARS

MAR 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
68/ 67			.2	.2	.1	.1											6	6			
66/ 65		.1		.3	.2	.1			.1								8	8			
64/ 63				.4	.1	.3											8	8	3		
62/ 61			.3	.2	.1	.1											7	7	3	3	
60/ 59		.3	1.2	.3	.1												18	18	5		
58/ 57		.4	.5	.3	.4												16	16	15	3	
56/ 55		.4	.5	.5	.2		.1										17	17	20	7	
54/ 53	.1		1.0	.6	.4	.2											22	22	16	21	
52/ 51	.1	.5	1.3	.9	.4	.3											33	33	12	14	
50/ 49	.1	1.1	1.5	.9	.6	.1											40	40	29	13	
48/ 47	.3	2.5	1.7	1.9	1.1	.4											74	74	36	27	
46/ 45	.1	2.7	1.3	.9	.5	.2											53	53	58	42	
44/ 43	.3	1.6	.3	1.2	1.0	.1											42	42	55	39	
42/ 41	1.1	1.5	2.6	2.9	1.1	.2											87	87	60	42	
40/ 39	1.5	1.2	2.6	1.7	1.0	.4											78	78	50	60	
38/ 37	.3	2.9	2.5	3.0	.5												86	86	75	26	
36/ 35	1.2	1.7	4.4	1.8	1.0												94	94	87	38	
34/ 33	.2	1.4	2.8	1.8	.2												60	60	90	62	
32/ 31		.9	2.0	3.0	.2												57	57	73	65	
30/ 29	.3	1.1	1.8	.9	.2												40	40	58	59	
28/ 27	.1	.9	1.5	1.3													35	35	55	50	
26/ 25		.8	1.2	.2													20	20	54	55	
24/ 23		.2	.4														11	11	32	50	
22/ 21			.1														1	1	24	55	
20/ 19		.3	.2														5	5	3	32	
18/ 17			.1														1	1	3	30	
16/ 15		.2	.1														3	3	2	36	
14/ 13		.2	.5														7	7	4	32	
12/ 11		.1															1	1	2	25	
10/ 9																			6	19	
8/ 7																				7	
6/ 5																				4	
4/ 3																				3	
2/ 1																				5	
Element (X)	$\Sigma x^1$	$\Sigma x^2$	$\bar{x}$	$\sigma^2$	No. Obs.												Mean No. of Hours with Temperature				
Rel. Hum.					$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13775 STATION      ANDREWS AFB MD      STATION NAME      70,73-81      YEARS      MAR      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
80/ 79								.1										1	1		
78/ 75							.2		.2									4	4		
74/ 73						.1												2	2		
72/ 71					.2	.2	.1											7	7		
70/ 69			.1			.5	.1	.2	.1	.1								11	11		
68/ 67			.1		.8	.4	.2	.1	.2	.3								17	17	1	
66/ 65				.2		.1	.1	.2	.3									9	9	2	
64/ 63		.1	.2	.8	.3	.6	.2	.2										23	23	5	1
62/ 61			.2	.4	.5	.4	.4	.4										23	23	10	1
60/ 59		.1	.2	.5	.2	.5	.2	.3										20	20	19	6
58/ 57		.3	.5	.3	.3	.5	.8	.3										29	29	16	3
56/ 55	.1	.3	1.5	1.0	1.0	.8	.5	.1										49	49	20	12
54/ 53		.8	.8	.4	1.4	1.3	.8	.1										51	51	29	19
52/ 51	.1	1.2	.5	1.6	.9	1.4	.9	.1										62	62	43	20
50/ 49	.2	1.5	1.0	1.2	1.9	1.5	.4	.1										73	73	37	36
48/ 47	.1	1.3	.5	.9	2.4	1.4	.6											67	67	58	35
46/ 45	.1	1.2	.4	1.5	2.6	1.1	.1											65	65	70	32
44/ 43	.4	1.5	.8	2.7	2.4	1.1	.1											83	83	54	30
42/ 41	.5	1.2	.9	1.8	2.2	.6												67	67	72	51
40/ 39	.5	1.1	1.4	2.2	1.4	.2												63	63	79	49
38/ 37	.4	1.1	.8	1.8	1.3	.3												53	53	94	46
36/ 35	.3	1.0	.9	1.4	1.8	.1												51	51	82	44
34/ 33		.2	.4	1.8	1.1													33	33	65	42
32/ 31		.1	.6	1.2	.3													21	21	36	68
30/ 29	.2	.3	.4	1.1	.1													20	20	35	52
28/ 27		.6	.3	.3														12	12	46	64
26/ 25			.2															2	2	26	56
24/ 23			.1	.1														2	2	15	48
22/ 21			.2															2	2	4	27
20/ 19			.2															2	2	3	30
18/ 17																				2	33
16/ 15			.1															1	1	1	35
14/ 13		.2	.3															5	5	1	32
12/ 11																				3	10
Element (X)	Σ X <sup>2</sup>		Σ X		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																					

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



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1375 STATION ANDREWS AFB MD 70,73-81 YEARS MAR 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	
82/ 81								.1	.4	.1	.2						8	8				
81/ 79								.3		.2							5	5				
77/ 77							.1	.1	.1	.1	.3						7	7				
76/ 75							.1	.1	.1	.1	.2						6	6				
74/ 73								.2	.2	.2	.2						10	10				
72/ 71						.1		.1	.1	.5							8	8				
71/ 69				.1	.4	.1	.4	.2	.6	.4							22	22				
69/ 67				.1	.8	.1	.6	.2	.4								21	21	1			
67/ 65				.4	.3	.3	.3	.3	.8	.1							24	24	8			
64/ 63			.2	.8	.1	.2	.5	.9	.1	.3							29	29	6			
62/ 61		.2	.2	.5	.4	.6	.6	1.1	.6								41	41	17			
61/ 59		.2	.8	.3	.3	1.0	1.1	1.0	.3								46	46	19			
59/ 57		.1	1.7	.5	.8	.9	1.2	1.1	.2	.1							61	61	34			
58/ 55		.4	1.0	.2	.3	1.6	1.6	1.2	.3								62	62	25			
54/ 53	.2	.6	.6	.5	1.2	1.0	1.8	.5									61	61	57			
52/ 51		.3	1.0	.8	1.2	1.9	2.0	.1									68	68	39			
50/ 49		1.1	.3	.3	1.8	3.7	1.1	.2									79	79	52			
48/ 47		.9	.4	.3	2.0	2.2	.8										61	61	61			
46/ 45	.1	1.3	.2	.4	1.4	1.1	.8										49	49	75			
44/ 43	.1	1.2	.4	.6	1.9	.9	.3										51	51	71			
42/ 41	.2	.9	.9	1.0	1.3	1.4											52	52	92			
41/ 39	.8	.1	1.0	.5	1.2	.4	.2										39	39	86			
39/ 37	.3	.9	.5	.3	1.2	.4											34	34	60			
38/ 35	.3	.6	.9	.2	2.0	.2											40	40	67			
34/ 33		.1	.2	.1	.5												9	9	44			
32/ 31	.1	.3		.5	.8												16	16	37			
30/ 29		.2	.3	.3													8	8	22			
29/ 27		.3		.3													6	6	23			
26/ 25			.1														1	1	15			
24/ 23																			11			
22/ 21																			2			
20/ 19			.1														1	1	38			
18/ 17			.3														3	3	18			
16/ 15			.2														2	2	1			
Element (X)	Σ X <sup>2</sup>		Σ X		Σ	Σ <sub>n</sub>	No. Obs.										Mean No. of Hours with Temperature					
Ref. Num.																						
Dry Bulb							≤ 0 F		≤ 32 F		= 67 F		= 73 F		= 80 F		= 93 F		Total			
Wet Bulb																						
Dew Point																						

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

17765 STATION ANDREWS AFB MD STATION NAME 70,73-81 YEARS MAR 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																				5	27
11 / 11																					17
10 / 9																					17
7 / 7																					10
7 / 5																					4
4 / 3																					1
1 / 1																					2
1 / -1																					5
-2 / -3																					2
TOTAL	2.2	9.8	11.4	9.4	20.0	18.1	13.9	7.7	4.4	2.3	1.0							930	930	930	930

Element (X)	$\sum x^1$	$\sum x^2$	$\bar{x}$	$s^2$	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	2842375	47829	51.4	20.293	930	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	2558348	47642	51.2	11.258	930		3.7	8.7	3.6	.9		93
Wet Bulb	1805607	48039	43.1	9.385	930		11.6	.1				93
Dew Point	1110318	29882	32.1	12.714	930	.7	49.4					93

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

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFB WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1075 STATION ANDREWS AFB MD 70,73-81 YEARS MAR 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	
7/ 83																	.2	2	2			
7/ 81									.1	.4	.2	.2						9	9			
7/ 79									.2	.3		.3						8	8			
7/ 77									.1	.2	.3							6	6			
6/ 75									.1		.2	.2						5	5			
4/ 73					.1					.4								5	5			
2/ 71				.1	.2	.1	.2	.2	.1	.4	.3							16	16			
7/ 69				.1	.1	.5	.1	.4	.2	.3								16	16			
6/ 67		.1		.1	.6	.4	.2	.3	.4	.1								22	22	2		
6/ 65				.2	.3	.3	.5	.5	1.2	.6								35	35	9		
4/ 63			.2	.6	.6	.8	.9	.5	1.6									49	49	7		
6/ 61		.1	.2	.2	.5	.4	.3	1.8	1.0	.6								49	49	14		
6/ 59		.3	.6	.8	.1	.5	1.1	1.1	.4	.4								50	50	25		
6/ 57			.8	.8	.4	.6	.4	2.2	.1									49	49	32		
5/ 55	.1	.3	1.4	1.0	.6	1.1	2.3	1.1										73	73	23		
4/ 53	.1	.1	.6	.2	.9	1.1	2.7	.9										61	61	46		
2/ 51	.1	1.1	.6	.3	1.5	1.7	2.4	1.1										82	82	54		
5/ 49		.6	.3	.8	1.1	2.3	1.5	.2										63	63	61		
4/ 47		1.2	.4	.4	1.8	1.3	1.6	.1										64	64	68		
4/ 45		.6	.3	.1	.5	1.4	.9											36	36	69		
4/ 43		.4	.5	.6	1.1	1.5	.4											43	43	80		
2/ 41	.5	.4	1.0	.4	2.3	1.1	.3											56	56	93		
40/ 39	.3	1.1	.3		.2	.3												21	21	80		
38/ 37	.3	.4	1.2	.1	1.2	.6												36	36	57		
36/ 35	.2	1.1	.3	.6	.9	.3												32	32	61		
34/ 33		.6	.1	.1	.8													15	15	58		
32/ 31		.2	.1	.9	.4													15	15	19		
30/ 29		.6																6	6	29		
28/ 27																				20		
26/ 25																				14		
24/ 23																				3		
22/ 21																				29		
20/ 19			.3															3	3	35		
18/ 17			.1															1	1	2		
Element (X)	$\Sigma X^1$	$\Sigma X$		$\bar{X}$	$\sigma_x$	No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.								- 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																						
Wet Bulb																						
Dew Point																						

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



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

13735      ANDREWS AFB MD      70,73-81      MAR  
 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
14/ 15																				.1	36
14/ 13																			2	1	22
11/ 11																					20
11/ 9																					11
11/ 7																					8
11/ 5																					6
11/ 3																					2
11/ 1																					4
11/ -1																					1
TOTAL	1.7	9.5	9.6	8.4	16.4	16.5	15.8	10.9	5.9	3.7	1.4	.2						930		928	
																		928		928	

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

Element (X)	$\Sigma X'$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Rel. Hum.	2630438	45542	49.120	654	928							
Dry Bulb	2679248	48809	52.911	252	930		2.7	8.9	3.5	1.6		93
Wet Bulb	1844009	40509	43.79	037	928		8.9	.2				93
Dew Point	1090382	29642	31.912	445	928	.1	51.5					93

GLOBAL CLIMATOLOGY BRANCH  
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# PSYCHROMETRIC SUMMARY

1375 ANDREWS AFB MD STATION NAME

70,73-81 YEARS

MAR MONTH

PAGE 1 1800-2000 HOUR: (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
72								.1									.1	2	2	
77								.1										1	1	
75							.1	.3	.3									7	7	
73							.2	.1	.1									4	4	
71						.1	.1	.2	.2									5	5	
69				.1		.1	.5	.1	.1									8	8	
67				.1	.4	.1	.2	.1	.1									9	9	
65		.1		.3	.5	.1	.2	.2	.2									12	12	1
63		.1	.2	.8	.5	.5	.4	.1	.3									28	28	7
61	.1	.3	.4	.5	.3	.5	.3	.3	.3	.1								31	31	3
59		.3	.1	.5	.5	.3	.6	.6	.2									31	31	25
57		.3	1.1	.9	.8	.9	.8	.8	.2	.1								50	50	25
55		.3	1.3	.6	.8	.6	1.2	.5	.2									52	52	19
53		.8	1.0	.6	.5	1.3	.9	.3										50	50	33
51		1.1	.5	.3	1.5	1.7	.9	.3										59	59	47
49	.2	1.1	.6	1.0	1.5	1.4	1.3											66	66	38
47		1.1	.4	1.3	2.6	2.4	.4											76	76	46
45	.2	1.8	.9	2.0	2.9	1.6	.9											96	96	55
43		.6	1.2	1.6	2.6	1.7	.1											73	74	76
41	.3	.8	.8	2.4	1.2	1.1												60	60	84
39	.5	.3	.4	1.4	2.9	.6												58	58	96
37	.4	.5	1.2	.5	.9	.6												39	39	92
35	.3	.4	.9	1.5	1.0													38	38	70
33	.1	1.1		1.0	.9													28	28	78
31		.4	.3	.8	.6													20	20	35
29		.6	.1	.8														14	14	35
27			.2	.3														5	5	27
25																				16
23																				14
21																				39
19			.3															3	3	41
17																				3
15	.2	.1																3	3	2
13																				1
Element (X)	ΣX'	ΣX	X	σ <sub>a</sub>	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13795      ANDREWS AFB MD      70,73-81      MAR  
STATION      STATION NAME      YEARS      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
11 / 11																					20
10 / 10																					16
9 / 9																					6
8 / 8																					6
7 / 7																					4
6 / 6																					4
5 / 5																					4
4 / 4																					4
3 / 3																					4
2 / 2																					4
1 / 1																					4
TOTAL	2.5	12.0	12.0	19.4	23.0	15.7	8.4	4.4	1.9	.6	.1							929		928	
																	928		928		

Element (X)	$\sum X^2$	$\sum X$	$\bar{X}$	$\sigma^2$	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3218386	51660	55.7	19.224	928							
Dry Bulb	2239542	44652	48.1	10.030	929		4.5	3.6	1.4			93
Wet Bulb	1649793	38243	41.2	8.922	928		13.3					93
Dew Point	1061925	29287	31.6	12.186	928		52.9					93

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

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1375 ANDREWS AFB MD

70, 73-81

MAR  
MONTH

PAGE 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
74/ 73						.1		.2										3	3		
72/ 71						.3				.1								4	4		
70/ 69						.3		.1		.6								10	10		
68/ 67						.1		.1		.2								5	5		
66/ 65						.1		.2										3	3		
64/ 63		.2	.3	.4		.3		.1										13	13	2	
62/ 61		.3	.8	.5	.2	.1												18	18	8	
60/ 59		.3	1.0	.2	.8	.3	.1	.1										26	26	10	
58/ 57		.3	.4	1.1	.9	.3	.8											35	35	22	
56/ 55	.1	.3	.2	.9	.2	.4		.1	.1									22	22	24	
54/ 53		.4	.5	.5	1.1	.5	.5	.4										38	38	14	
52/ 51		1.1	.9	1.1	1.4	.6	1.1	.1										58	58	29	
50/ 49	.3	1.9	.9	1.7	.9	1.4	.3											69	69	40	
48/ 47		1.8	1.0	1.2	2.1	.3												59	59	55	
46/ 45	.3	1.4	1.0	1.5	2.3	.6												66	66	45	
44/ 43		.6	1.2	3.7	1.0	.5												65	66	56	
42/ 41	.3	1.1	1.3	3.5	1.8	.5												79	79	62	
40/ 39	.6	.4	2.4	2.7	2.3	.1												79	79	80	
38/ 37	.2	1.7	2.3	3.5	1.4													84	84	83	
36/ 35	.9	1.9	1.5	2.6	1.8													81	81	89	
34/ 33	.3	.3	.4	1.7	.3													29	29	107	
32/ 31		.4	1.0	1.8	.8													37	37	56	
30/ 29		.5	.4	1.1														19	19	41	
28/ 27		.2	.5	.3														10	10	42	
26/ 25		.2	.2															4	4	29	
24/ 23																				19	
22/ 21			.3															3	3	3	
20/ 19			.4															4	4	2	
18/ 17																				2	
16/ 15	.3																	3	3	6	
14/ 13																					
12/ 11																					
10/ 9																					
8/ 7																					
Element (X)	Σ X'		Σ X		Σ	Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ	
Rel. Hum.																					
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFW WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB MD  
STATION STATION NAME

70,73-81  
YEARS

MAR  
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
/ 5																					1
/ 1																					3
/ -1																					1
TOTAL	3.5	15.8	18.9	30.0	19.7	7.1	3.1	1.8	.1									927		926	
																		926		926	

Element (X)	$\Sigma X^1$	$\Sigma X$	$\bar{X}$	$\sigma^2$	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.	3805405	57111	61.7	17.494	926							
Dry Bulb	1922067	41253	44.5	9.651	927		8.0	2.2	.3			93
Wet Bulb	1495788	36272	39.2	9.084	926		20.1					93
Dew Point	1033240	28926	31.2	11.890	926	.1	53.7					93

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13795      ANDREWS AFB MD      70,73-81      MAR  
 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
84/ 83																	.0	2	2		
82/ 81											.0	.1	.0	.1				17	17		
81/ 79											.1	.0	.0	.1				16	16		
79/ 77										.0	.0	.0	.0	.1				14	14		
76/ 75											.1	.0	.1	.1				22	22		
74/ 73						.0	.0	.1	.1	.0	.1	.0	.1	.0				24	24		
72/ 71				.0	.1	.1	.1	.1	.1	.1	.1	.1	.0					42	42		
70/ 69			.0	.0	.1	.2	.1	.3	.1	.1								74	74		
67/ 67		.0	.0	.1	.4	.3	.2	.1	.1	.0								95	95	4	
66/ 65		.1	.0	.2	.2	.2	.2	.3	.1	.0								109	109	20	
64/ 63		.1	.2	.5	.2	.4	.3	.2	.3	.0								169	169	34	4
62/ 61	.0	.1	.3	.4	.3	.3	.2	.5	.2	.1								186	186	64	11
60/ 59		.3	.7	.4	.3	.4	.4	.4	.1	.1								220	220	123	16
58/ 57	.0	.3	.8	.5	.5	.4	.5	.5	.1	.0								267	267	173	65
56/ 55	.0	.4	.8	.7	.6	.6	.7	.4	.1									320	320	168	90
54/ 53	.1	.4	.7	.6	.9	.8	.8	.3										341	341	228	158
52/ 51	.1	.7	.9	1.0	1.0	1.1	.9	.2										434	434	252	153
50/ 49	.1	1.2	.8	1.0	1.3	1.4	.6	.1										485	485	298	184
48/ 47	.1	1.6	.8	1.1	1.8	1.1	.4	.0										518	518	402	206
46/ 45	.1	1.8	.8	1.0	1.5	.8	.3											472	472	472	313
44/ 43	.2	1.3	1.0	1.6	1.5	.8	.1											473	475	518	289
42/ 41	.5	1.0	1.5	2.1	1.6	.7	.0											551	551	592	317
40/ 39	.7	.8	1.9	1.7	1.4	.3	.0											506	506	582	335
38/ 37	.3	1.4	2.1	1.8	.9	.3												505	505	583	312
36/ 35	.7	1.3	1.9	1.7	1.2	.1												504	504	647	377
34/ 33	.2	.8	1.2	1.4	.6													316	316	640	407
32/ 31	.0	.5	1.0	1.6	.5													277	277	408	531
30/ 29	.1	.7	.9	.9	.1													195	195	335	518
28/ 27	.0	.3	.6	.5														108	108	328	458
26/ 25	.0	.3	.5	.0														58	58	250	484
24/ 23		.2	.1	.0														21	21	157	323
22/ 21		.1	.1															13	13	58	404
20/ 19		.0	.3															25	25	15	307
18/ 17		.0	.1															13	13	17	232
Element (X)	Σ X'		Σ X		X	X <sup>2</sup>	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 NO. 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CENTRAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1375      ANDREWS AFB MD      70,73-81      MAR  
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		
16/ 15	.1	.1	.1															23	23	23	251		
14/ 13		.1	.1															15	17	21	223		
11/ 11		.0																1	1	8	153		
9/ 9																				11	144		
7/ 7																					62		
5/ 5																					28		
3/ 3																					15		
1/ 1																					26		
-1/ -1																					15		
-3/ -3																					7		
-5/ -5																					8		
-7/ -7																					5		
TOTAL	3.4	15.7	20.4	20.9	16.9	10.3	6.1	3.5	1.7	.8	.3	.0					7431	7435	7431	7431			
Element (X)	$\Sigma X'$	$\Sigma X$	$\bar{X}$	$\sigma^2$	No. Obs.												Mean No. of Hours with Temperature						
Rel. Hum.	29370105	443967	59.7	19.569	7431												≤ 0 F	≤ 32 F	≤ 47 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	16471469	339993	45.7	11.149	7435													75.2	30.6	9.5	2.6		744
Wet Bulb	12439355	295549	39.8	9.599	7431													163.3	.4				744
Dew Point	8334979	231553	31.2	12.276	7431												3.5	419.9					744

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

13775 ANDREWS AFB MD STATION STATION NAME

70,73-81 YEARS

APR 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
74/ 73							.1		.1								2	2		
73/ 71				.2	.1		.6	.1	.1	.2							12	12		
71/ 69			.1	.4	.2	1.2	.2	.2	.1								23	23		
69/ 67				.6	.2	.1											8	8	2	
67/ 65		.1	.2	.2	.8		.8										19	19	2	1
65/ 63		.1	.4	1.7	.3	.3	.4	.2									32	32	9	2
63/ 61		.3	1.1	1.2	.7	.8	.2										39	39	12	3
61/ 59		.4	1.3	.2	1.0	.7	.3	.4	.1								41	41	29	14
59/ 57		.7	.9	.6	1.6	.6	.2	.7									46	46	50	9
57/ 55	.6	1.9	1.4	.8	1.7	1.1	.4	.1									72	72	34	23
55/ 53	.3	.8	.9	1.6	1.0	1.6											55	55	44	57
53/ 51	.2	.6	2.4	1.6	2.1	1.1	.2										74	74	48	40
51/ 49	.1	1.9	2.1	2.6	3.2	1.3	.3										104	104	63	27
49/ 47		1.9	1.6	2.7	3.1	.1	.1										85	85	72	27
47/ 45		.3	2.9	3.1	1.6	.3											74	74	80	54
45/ 43		.6	1.1	2.1	1.7	.3											52	52	86	49
43/ 41	.1	1.0	1.7	2.0	1.4	.3											59	59	92	54
41/ 39		.6	1.0	1.3	.9	.3											37	37	86	60
39/ 37	.2	.6	1.4	1.1	.6	.1											36	36	52	66
37/ 35	.1	.3	.8	.6	.2												18	18	51	56
35/ 33	.1	.2	.2	.3													8	8	45	77
33/ 31			.3	.1													4	4	22	74
31/ 29																			15	50
29/ 27																			6	45
27/ 25																				23
25/ 23																				10
23/ 21																				29
21/ 19																				26
19/ 17																				12
17/ 15																				3
15/ 13																				1
13/ 11																				4
11/ 9																				4
Element (X)	$\Sigma X'$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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



GLOBAL CLIMATOLOGY BRANCH  
 AFETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705      ANDREWS AFB MD      STATION      STATION NAME

70,73-81      YEARS

APR      MONTH

PAGE 2      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
TAL	1.8	12.2	22.0	24.9	22.3	10.3	3.9	1.9	.3	.3								900	900	900
Element (X)	$\Sigma T$	$\Sigma W$	$\Sigma X$	$\Sigma Y$	No. Obs.	Mean No. of Hours with Temperature					Total									
Rel. Hum.	3873158	57166	63.5	16.4	900	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	90								
Dry Bulb	2396589	45789	50.9	8.659	900			.9	4.5	.2		90								
Wet Bulb	1889060	40378	45.1	8.138	900		4.3	.2				90								
Dew Point	1409848	34308	38.1	10.661	900		28.1					90								

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

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13705      ANDREWS AFB MD      70, 73-81      APR      PAGE 1      0300-0500  
STATION      STATION NAME      YEARS      MONTH      HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71				.1			.3											4	4		
70/ 69					.1	.2												3	3		
68/ 67			.2	.7	.7	.6		.1										20	20		
66/ 65			.1	.6	.3	.2	.2											13	13	3	
64/ 63		.3	.3	.8	.2	.2	.6											22	22	4	3
62/ 61		.2	1.3	.7	.3	.4	.3	.1										31	31	11	3
60/ 59	.3	.4	2.7	1.1	1.0	.3	.1											54	54	30	9
58/ 57		.9	.9	.6	1.0	1.0												39	39	33	12
56/ 55	.3	1.4	.4	.6	.7	.6	.1	.1										38	38	39	25
54/ 53	.1	1.1	1.6	1.3	1.3	.8	.2											58	58	44	51
52/ 51	.2	1.9	2.1	1.8	1.4	.8	.1											75	75	40	38
50/ 49	.2	1.0	2.4	2.2	2.7	.7												83	83	65	25
48/ 47		1.9	1.7	2.1	2.4	.4												77	77	55	38
46/ 45		1.9	3.7	4.4	1.7	.3												108	108	69	34
44/ 43	.2	.9	1.9	2.0	.3													48	48	83	56
42/ 41	.1	1.1	2.7	2.2	1.1	.2												67	67	86	52
40/ 39		.7	1.1	2.0	1.8	.3												53	53	105	65
38/ 37	.6	1.0	1.1	1.3	.3													39	39	58	65
36/ 35		1.1	1.2	1.3														33	33	44	62
34/ 33		.7	.6	.3	.2													16	16	50	63
32/ 31			.8	.3														10	10	38	84
30/ 29		.3	.4	.1														8	8	24	61
28/ 27			.1															1	1	10	37
26/ 25																				8	12
24/ 23																				1	20
22/ 21																					29
20/ 19																					27
18/ 17																					15
16/ 15																					3
14/ 13																					5
12/ 11																					5
10/ 9																					1
TOTAL	2.1	16.9	27.3	26.6	17.7	7.1	2.0	.3										900	900	900	900
Element (X)	Z <sub>g</sub> <sup>1</sup>	Z <sub>g</sub>	X	C <sub>g</sub>	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	4264473	60385	67.1	15.392	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90									
Dry Bulb	2212960	43930	48.8	8.741	900		1.9	2.7				90									
Wet Bulb	1796695	39491	43.9	8.429	900		8.1					90									
Dew Point	1385036	33984	37.8	10.641	900		29.9					90									

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13775      ANDREWS AFB MD      70,73-81      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
77/77							.1											1	1		
76/75							.1											1	1		
74/73						.1	.4											5	5		
72/71					.2	.1	.4											7	7		
71/69				.3	.4	.2	.1	.1										11	11		
70/67				.7	.7	.2												14	14		
66/65		.7	.2	1.0	.4		.2											23	23	1	
64/63		.1	.2	1.3	.6	.6	.2											27	27	15	4
62/61		.6	1.1	.9	.6	.8	.1	.2										38	38	21	3
61/59	.1	.7	1.6	.9	.8	.9	.3											47	47	35	17
57/57		1.6	.9	1.0	1.8	.7	.9	.4										65	65	38	12
55/55	.3	1.2	.4	.6	.8	1.6	.1	.1										46	46	41	48
47/53	.2	1.1	1.0	2.4	2.0	1.7												76	76	46	44
52/51	.1	1.7	1.8	2.2	1.4	.8	.1											73	73	35	27
50/49	.1	.8	2.3	2.7	3.0	.6	.1											86	86	55	34
48/47	.3	1.6	1.9	2.6	2.8	.6												87	87	72	34
48/45	.1	.9	2.2	2.1	1.4	.4												65	65	102	37
44/43	.2	1.4	2.0	2.4	1.4	.2												70	70	86	65
42/41		.2	1.7	1.7	1.2													43	43	89	52
40/39		1.0	.7	1.2	1.3	.4												42	42	67	63
37/37	.1	.6	.4	1.0	1.0													28	28	54	55
36/35	.1	.8	.8	.7	.2													23	23	44	57
34/33	.1	.1	.4	.2	.1													9	9	43	75
32/31	.1	.1	.4	.4														10	10	25	85
29/29			.2															2	2	18	33
28/27			.1															1	1	6	37
26/25																				6	27
24/23																				1	17
22/21																					32
20/19																					16
18/17																					6
16/15																					6
14/13																					7
12/11																					5
Element (X)	$\Sigma X'$	$\Sigma X$	$\bar{X}$	$\sigma^2$	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13785 ANDREWS AFB MD STATION NAME

70,73-81 YEARS

YEARS

APR MONTH

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
86/ 89												.1	.1					2	2		
86/ 85											.2	.3	.1					6	6		
84/ 83									.2	.1	.1	.1						5	5		
82/ 81								.1	.4	.3	.1							9	9		
80/ 79									.6	.4	.1							10	10		
78/ 77							.7	.2	.1			.1	.1					11	11		
76/ 75						.2	.6	.6	.2	.1								15	15		
74/ 73					.1	.4	.3	.8	.2		.1	.1						19	19		
72/ 71				.1	.8	.8	.6	.2	.2	.1								25	25		
70/ 69				.1	.9	.7	.2	.9	.7		.1							32	32		
68/ 67	.1	.3	.7	.3	.4	1.3	.7	.3	.1	.1								40	40	10	
66/ 65	.1	.3	.8	.8	1.0	1.2	.8	.9	.3									56	56	26	
64/ 63	.6	.2	.2	.6	.4	1.2	1.6	.8	.3									53	53	33 2	
62/ 61	.2	.7	.4	.2	.7	1.4	1.6	.2	.1									50	50	43 10	
60/ 59	.7	.1	.9	.8	.9	2.0	1.4	.2										63	63	36 16	
58/ 57	.1	.6	.6	.7	.9	2.2	2.4	1.0	.1									77	77	34 39	
56/ 55	.1	1.1	.3	1.0	1.3	2.0	1.9	.4										74	74	50 41	
54/ 53		1.6	.9	1.1	.9	1.9	1.2	.1										69	69	54 37	
52/ 51	.1	.8	1.0	.8	1.7	1.1	1.0	.1										59	59	62 42	
50/ 49		.9	1.0	.6	2.4	1.1	.9											62	62	80 33	
48/ 47		.9	.6	.7	1.2	2.6	.3	.1										57	57	103 39	
46/ 45		.6	.7	.4	.9	1.7	.4											42	42	90 46	
44/ 43	.1	.7	.4	.4	1.1	.7												31	31	79 56	
42/ 41		.4		.1	1.1	.7												21	21	57 43	
40/ 39				.2	.4													6	6	45 39	
38/ 37			.1		.2	.1												4	4	37 50	
36/ 35					.1													1	1	30 70	
34/ 33					.1													1	1	18 60	
32/ 31																				8 57	
30/ 29																				4 48	
28/ 27																				1 43	
26/ 25																					23
24/ 23																					24
22/ 21																					32
Element (X)	Σ X'		Σ X		Σ	σ <sub>n</sub>	No. Obs.		Mean No. of Hours with Temperature						Total						
Rel. Hum.									≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F							
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13795 STATION ANDREWS AFB MD STATION NAME

70,73-81 YEARS

APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93																		3	3		
92/ 91																		6	6		
90/ 89																		2	2		
88/ 87																		9	9		
86/ 85																		10	10		
84/ 83																		10	10		
82/ 81																		19	19		
80/ 79																		17	17		
78/ 77																		30	30		
76/ 75																		25	25		
74/ 73																		26	26		
72/ 71																		38	38		
70/ 69																		54	54	6	
68/ 67																		53	53	20	
66/ 65																		63	63	43	
64/ 63																		50	50	42	8
62/ 61																		80	80	42	3
60/ 59																		71	71	37	19
58/ 57																		52	52	57	33
56/ 55																		49	49	51	46
54/ 53																		63	63	61	49
52/ 51																		58	58	85	41
50/ 49																		31	31	108	42
48/ 47																		23	23	62	44
46/ 45																		32	32	83	41
44/ 43																		19	19	63	25
42/ 41																		4	4	50	39
40/ 39																				39	51
38/ 37																				18	61
36/ 35																		3	3	21	65
34/ 33																				10	52
32/ 31																				2	63
30/ 29																					41
28/ 27																					40
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 0-26-5 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE





GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

18795 ANDREWS AFB MD  
 STATION STATION NAME

70,73-81  
 YEARS

APR  
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)													TOTAL D.S./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24		25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb
8/ 95															.2			2	2	
4/ 93															.2			2	2	
1/ 91													.2		.3			5	5	
5/ 89											.1		.2		.3			6	6	
8/ 87											.2	.2	.4	.3				11	11	
6/ 85									.1	.2	.2	.6	.6	.1				16	16	
4/ 83									.1	.4	.2	.1		.6				13	13	
1/ 81								.1	.8	.2			.1					11	11	
1/ 79						.2		1.0	.3	.3	.3	.2	.3					25	25	
7/ 77						.1	.2	1.3	.3	.9	.1							27	27	
2/ 75						.2	.1	.8	.6	.8	.2							24	24	
4/ 73						.3	.6	.6	.6	1.1	.4	.2						34	34	
2/ 71				.1	.6	.3	.3	.6	1.0	2.7	1.0	.3						62	62	2
1/ 69	.3			.1	.7	.6	1.1	.2	.9	1.3	.8							54	54	6
1/ 67			.3	.4	.3	.4	.7	.8	1.1	.7	.2							45	45	24 3
6/ 65			.2	.3	1.1	.7	.8	1.0	3.3	1.1	.2							78	78	35
4/ 63			.7	.7	.6	.3	.8	2.0	2.1	1.3								76	76	45 3
1/ 61			.3	.3	.8	.9	1.6	1.3	1.9									64	64	33 6
2/ 59			.3	.3	.2	.4	1.1	.9	1.2									41	41	55 13
1/ 57	.8		.3	.4	.6	2.0	1.4	.4										54	54	59 28
5/ 55	1.0	.6	.7	1.1	1.3	1.7	1.2	.1										69	69	56 46
4/ 53	1.0	.4	.4	.8	1.1	.7	.6	.1										46	46	72 47
2/ 51	.1	.7	.3	.2	.6	1.0	.9	.7										40	40	78 52
8/ 49	.2	.1	.4	.3	1.0	1.0	.1											29	29	104 39
1/ 47	.3	.1	.7	.4	.3	.8	.2											26	26	74 45
4/ 45	.8	.7		.6	.5	.3												25	25	80 28
4/ 43		.3			.2													5	5	62 33
2/ 41	.2	.1			.2													5	5	44 34
4/ 39	.3																	3	3	24 47
3/ 37	.1																	1	1	26 72
5/ 35	.1																	1	1	13 64
3/ 33																				8 69
2/ 31																				51
3/ 29																				48
Element (X)	$\Sigma X'$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB MD  
 STATION STATION NAME

70,73-81  
 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					
89													.2					2	2							
87								.1										1	1							
85										.4								4	4							
83								.1	.3		.1							5	5							
81								.1	.1	.1	.1	.3						7	7							
79							.2	.1	.6	.1	.1		.2					12	12							
77						.1	.1	.9	.7	.1	.3							20	20							
75						.2	.4	.4		.1	.2							13	13							
73					.3	.2	.7	.3	.6	.4	.2							25	25							
71			.1		.1	.4	.3	.3	.2	.8	.2							23	23	1						
69			.1	.2	.9	.6	.3	.7	.7	.4	.3							38	38	2						
67			.3	.9	.4	.7	1.0	.7	.9	.4	.1							49	49	5						
65			.6	1.0	.8	.3	.9	.7	1.1	.3	.1							52	52	20	1					
63			.3	.7	.1	.7	.6	.9	1.1	.6								44	44	32						
61			1.2	.8	1.1	1.0	1.3	1.2	.9	.2								70	70	42	13					
59		.2	.9	.7	1.0	.6	2.4	1.9	.9									77	77	35	15					
57		.8	.8	.4	3.0	1.4	1.1	.2										74	74	45	14					
55		.9	.4	1.0	1.2	1.6	1.3	1.4										71	71	54	42					
53		.9	.3	1.0	1.2	2.4	1.6	.6										72	72	66	52					
51	.2	.6	.6	.8	1.9	1.6	.6	.1										56	56	70	50					
49	.1	.1	1.0	1.2	1.3	1.7	.6	.3										57	57	68	27					
47		.1	.3	.6	1.1	1.0	.2	.1										31	31	96	28					
45		.8	.9	.6	1.0	1.0	.8											45	45	91	40					
43		.1	.3	.3	.3	.8	.3											20	20	87	41					
41		.1	.4		.2	.7	.2											15	15	66	39					
39		.4	.2	.1	.2													9	9	43	47					
37		.3	.2															5	5	26	79					
35		.1	.1	.1														3	3	24	63					
33																				17	66					
31																				8	76					
29																				2	34					
27																					42					
25																					35					
23																					24					
Element (X)	Σ x <sup>2</sup>	Σ x	Σ	σ <sub>x</sub>	No. Obs.																Mean No. of Hours with Temperature					
Rel. Hum.					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total															
Dry Bulb																										
Wet Bulb																										
Dew Point																										

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



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AF WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1375 ANDREWS AFB MD  
STATION STATION NAME

70,73-81  
YEARS

APR  
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		>31	Dry Bulb	Wet Bulb
74/ 77						.1		.2										3	3	
76/ 75								.3		.3	.1	.1						8	8	
74/ 73				.1	.2	.6	.4	.3			.1							16	16	
72/ 71					.2	.3	.6											11	11	
70/ 69			.2	.2	.4	.9	.1	.3	.1									22	22	
68/ 67			.3	.2	.8	.2	.4	.3	.6									26	26	2
67/ 65			.7	.7	1.3	.3	.6	.2	.3									37	37	5
67/ 63		.1	.7	1.2	.7	.6	.6	.6	.3	.1								43	43	17
67/ 61		.4	.7	1.2	.3	1.0	.1		.2									36	36	26
67/ 59		.4	1.0	.6	1.1	1.8	.4	.3	.2									53	53	42
67/ 57		.8	.8	1.0	1.4	1.0	1.0	.7	.2									62	62	42
58/ 55		1.6	1.1	1.3	1.8	.9	1.2											71	71	38
64/ 53	.1	.9	1.3	1.4	2.2	1.7	.7											75	75	53
62/ 51	.2	.9	1.1	2.1	3.2	1.4	.6	.1										87	87	61
50/ 49		.9	1.6	1.6	2.7	2.2	.8											87	87	77
48/ 47		.4	1.6	2.0	3.2	.8	.1											73	73	56
48/ 45		.6	1.1	2.2	1.3	.9	.1											56	56	91
44/ 43		.6	.3	2.2	.4	.7												38	38	90
42/ 41		.8	.9	.9	1.1	.4												37	37	92
40/ 39		.6	.8	1.0	1.0	.4												34	34	81
38/ 37		.1	.4	.7	.6	.1												17	17	41
38/ 35		.3		.3	.1													7	7	23
34/ 33																				33
32/ 31			.1															1	1	20
30/ 29																				10
28/ 27																				40
28/ 25																				34
24/ 23																				8
22/ 21																				28
20/ 19																				13
18/ 17																				18
16/ 15																				7
14/ 13																				3
12/ 11																				3
Element (X)	Z <sub>g</sub> '	Z <sub>R</sub>	I	° <sub>R</sub>	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 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
USAFETAC



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13705      ANDREWS AFB MD      70,73-81      APR

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	
67/95															.0			2	2			
64/93															.0	.0		5	5			
77/91												.0	.1	.1				11	11			
80/89										.0	.1	.1	.1					12	12			
88/87									.0	.0	.1	.1	.1					21	21			
86/85									.0	.1	.2	.1	.1	.0				36	36			
84/83								.0	.1	.2	.1	.1	.1	.1				33	33			
87/81								.0	.3	.2	.1	.1	.0	.0				46	46			
87/79						.0	.0	.3	.2	.1	.1	.0	.1	.0				64	64			
78/77					.0	.0	.2	.5	.2	.2	.1	.1	.0	.0				92	92			
76/75					.0	.1	.2	.3	.2	.2	.1	.0						86	86			
74/73				.0	.1	.2	.4	.3	.2	.3	.1	.0						127	127			
72/71			.0	.1	.3	.3	.4	.2	.3	.6	.2	.0						182	182	3		
70/69		.0	.1	.2	.6	.6	.3	.4	.5	.3	.2							237	237	14		
68/67		.0	.2	.6	.5	.4	.5	.4	.5	.4	.1							255	255	63	3	
66/65		.2	.3	.7	.8	.4	.6	.5	.9	.3	.0							341	341	135	3	
64/63		.2	.4	.9	.4	.4	.6	.8	.7	.3	.0							347	347	197	24	
62/61		.3	.9	.8	.6	.8	.9	.8	.6	.1								408	408	230	49	
60/59	.1	.4	1.1	.6	.9	.8	1.1	.8	.4									447	447	299	113	
58/57	.0	.8	.6	.6	1.0	1.3	1.2	.9	.2									469	469	358	174	
58/55	.2	1.3	.7	.8	1.1	1.3	1.0	.5	.0									490	490	363	294	
54/53	.1	1.1	.9	1.2	1.3	1.5	.7	.3	.0									514	514	440	389	
52/51	.2	1.1	1.2	1.2	1.6	1.1	.7	.2										522	522	479	337	
50/49	.1	.7	1.3	1.4	2.1	1.2	.6	.1										539	539	620	254	
48/47	.0	.9	1.0	1.4	1.8	.8	.3	.1										459	459	590	285	
46/45	.0	.8	1.6	1.7	1.1	.7	.3											447	447	686	322	
44/43	.1	.6	.8	1.2	.7	.4	.1											283	283	636	384	
42/41	.0	.5	.9	.9	.8	.3	.0											251	251	576	360	
40/39		.4	.9	.7	.7	.2												184	184	490	425	
38/37	.1	.3	.5	.5	.3	.0												130	130	312	524	
36/35	.0	.4	.4	.4	.1													89	89	250	495	
34/33	.0	.4	.2	.1	.1													34	34	224	525	
32/31	.0	.0	.2	.1														25	25	123	555	
30/29	.0	.1	.0															10	10	73	368	
Element (X)	Σ X <sup>2</sup>		Σ X		Σ 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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13795      ANDREWS AFB MD      70,73-81      APR  
 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
28/ 27			.0															2	2	23	326
26/ 25																				14	236
24/ 23																				2	157
22/ 21																					198
20/ 19																					154
18/ 17																					100
16/ 15																					61
14/ 13																					37
12/ 11																					26
10/ 9																					17
8/ 7																					3
6/ 5																					1
4/ 3																					1
TOTAL	.9	10.1	13.8	16.2	16.8	13.1	10.1	7.6	5.4	3.4	1.2	.7	.4	.2	.1				7200	7200	7200
																		7200		7200	

Element (X)	$\Sigma X'$	$\Sigma X$	$\bar{X}$	$\sigma_s$	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	25015150	400516	55.6	19.493	7200	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	23385019	402613	55.9	11.003	7200		3.7	120.9	53.5	19.7	.7	720
Wet Bulb	16947656	343624	47.7	8.725	7200			23.5	8.0			720
Dew Point	11638980	277934	38.6	11.244	7200			224.0	.3			720

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



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13705 STATION      ANDREWS AFB MD      STATION NAME      70,73-81      YEARS      MAY      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																	
76/ 75			.2	.2	.2	.1																										7	7				
74/ 73			.4	1.1		.2																										16	16				
72/ 71			1.6	.1	.5	.4	.2																								27	27		4			
70/ 69		.3	2.5	.3	.3	1.0	.1																								42	42	12	2			
68/ 67		1.3	2.0	.9	1.2	.4	.2																								56	56	30	15			
66/ 65	.6	2.9	1.7	1.8	1.4	.1	.1	.2																							83	83	48	45			
64/ 63	.5	3.7	2.5	1.6	.8	.9	.2																								94	94	63	46			
62/ 61	.2	3.9	3.3	1.1	1.3	.3	.1																								95	95	79	49			
60/ 59	.2	3.1	1.4	1.8	1.2	.4	.1																								77	77	101	63			
58/ 57	.2	3.0	1.3	1.8	1.9	.2	.3																								82	82	88	82			
56/ 55		2.8	2.7	1.8	.5	.4																									77	77	60	67			
54/ 53		3.1	2.2	1.4	.4	.1	.2																								69	69	75	82			
52/ 51	.1	1.8	2.4	.8	.5	.6	.1																								52	52	85	56			
50/ 49		1.3	1.7	1.4	1.0		.2																								52	52	77	64			
48/ 47		1.5	1.0	1.0	.3																										35	35	61	57			
46/ 45		1.6	.8	1.1	.2	.2																									36	36	35	77			
44/ 43		.4	.4	.9	.1																										17	17	43	46			
42/ 41			.2																												2	2	33	38			
40/ 39		.2	.2																												4	4	21	40			
38/ 37																																	10	12			
36/ 35																																	5	31			
34/ 33																																		16	16		
32/ 31																																			21	21	
30/ 29																																			7	7	
28/ 27																																			6	6	
26/ 25																																			2	2	
24/ 21																																			4	4	
22/ 19																																			2	2	
TOTAL	1.9	31.0	28.5	19.0	11.9	5.5	1.9	.2																									930	930	930	930	
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature																															
Rel. Num.	5560287	70661	76.0	14.357	930	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total																									
Dry Bulb	3274604	54734	58.9	7.579	930			14.8	2.3			93																									
Wet Bulb	2836288	50884	54.7	7.730	930			4.8				93																									
Dew Point	2495811	47337	50.9	9.641	930		4.2	1.7				93																									

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



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705      ANDREWS AFB MD      70,73-81      MAY  
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.S./W.B.	Dry Bulb	Wet Bulb	Dew Point
79						.1												1	1		
77				.1														1	1		
76/75				.3	.3	.1	.1	.1										9	9		
74/73			.8	.4	.5	.2		.1										19	19		
72/71		.1	2.0	1.2	.3	.4	.1											39	39	3	
70/69		.6	2.8	1.1	1.4	.2	.3	.1										61	61	14	2
68/67		2.2	1.9	1.5	.9	.4	.3	.1										68	68	52	23
66/65	.2	4.1	1.3	1.5	1.4	.3	.3	.2										87	87	58	48
64/63	.6	3.8	2.2	1.8	1.0	.8	.2											96	96	80	64
62/61	.2	2.4	3.1	1.7	1.1	.8	.4											90	90	73	63
60/59	.1	2.7	2.0	1.4	1.2	.8												76	76	87	59
58/57		2.5	2.3	1.5	1.6	.2	.4											79	79	76	60
56/55		2.2	2.0	1.8	1.3	.6												74	74	83	76
54/53		2.7	2.0	.9	.3	.8												62	62	82	71
52/51		1.4	2.8	.4	.9	.3												54	54	73	74
50/49		1.4	1.2	1.1	.6	.8	.1											48	48	69	56
48/47		1.1	.2	.8	1.0													28	28	53	59
46/45		.3	.6	.2	1.0	.1												21	21	38	74
44/43		.2	.4	.3	.2													11	11	32	40
42/41			.1	.4	.1													6	6	16	36
40/39																				26	24
38/37																				9	17
36/35																				5	23
34/33																				1	11
32/31																					16
30/29																					19
28/27																					5
26/25																					6
24/23																					2
22/21																					1
20/19																					1
TOTAL	1,227	527.8	18.5	15.1	6.9	2.4	.6											930	930		930
Element (X)	$\Sigma x^2$	$\Sigma x$	$\bar{x}$	$s^2$	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	5380376	69408	74.6	14.684	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	3408045	55863	60.1	7.516	930			19.8	3.0			93									
Wet Bulb	2924557	51643	55.6	7.820	930			6.9				93									
Dew Point	2563072	47944	51.6	9.921	930		5.0	2.5				93									

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB MD

70,73-81

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
8/ 87									.1								1	1		
6/ 85						.2		.1									4	4		
4/ 83					.1	.1	.2	.2	.3	.1	.1						11	11		
2/ 81				.1	.1	.8	.2	.4	.1	.1	.2						19	19		
0/ 79				.1	.4	.5	1.6	.5	.4	.1							35	35		
7/ 77			.1	.4	1.2	2.2	.4	.4		.4							48	48		
6/ 75			.2	1.1	1.2	1.7	1.4	.8	.4	.2	.1						66	66	4	
4/ 73			.3	1.4	1.4	.8	1.1	.5	.5	.2							58	58	8	1
2/ 71		.3	2.6	.5	1.0	1.2	1.2	1.0	.9	.3							83	83	22	3
0/ 69		.5	2.4	1.8	1.4	1.0	1.0	1.0	1.0								93	93	45	13
0/ 67	.1	.6	1.7	1.1	1.2	1.1	1.2	1.3	.5								82	82	106	42
6/ 65	.2	1.6	.9	1.2	1.8	1.7	1.6	.5	.2								91	91	74	56
4/ 63		.6	.8	1.3	.8	2.0	.9	.3	.2								64	64	77	64
2/ 61		1.1	.9	.9	.9	.9	.9	.5									55	55	74	71
0/ 59		1.4	1.0	.8	.9	.6	1.1	.4									57	57	72	61
0/ 57		.8	1.6	.2	.4	.6	.9	.1									43	43	89	60
5/ 55		.4	.8	.3	.3	1.3	.6										35	35	76	64
4/ 53		1.2	.9	.1	.6	.5	.6										37	37	87	58
2/ 51		.8	.5	.1	.3	.2	.6										24	24	58	53
0/ 49		.2	.4	.1		.5	.2										14	14	30	56
4/ 47		.3			.4	.1	.1										9	9	39	59
4/ 45																			31	63
0/ 43																			13	34
2/ 41																			8	27
4/ 39																			13	32
3/ 37																			3	23
3/ 35																				22
3/ 33																				20
2/ 31																				15
0/ 29																				9
2/ 27																				11
2/ 25																				5
2/ 23																				1
2/ 21																				2
Element (X)	Σ x'	Σ x	Σ	σ <sub>x</sub>	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 AIR 64 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



FEDERAL BUREAU OF SURVEY  
 NATIONAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB MD

70,73-81

MAY  
 MONTH

PAGE 1 1200-14  
 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 P				
8/ 89										.3	.1									4	4			
8/ 87							.3	.1	.6	.1	.2	.2	.1	.1						17	17			
6/ 85						.5	.8	.9	.5	.5	.4	.1								35	35			
4/ 83				.1	.1		1.2	1.3	.4	.5	.2									38	38			
2/ 81					.3	1.0	1.1	1.3	1.0	.8		.3								53	53			
2/ 79				.2	.5	1.4	2.6	1.1	.5	1.0	.4	.2								74	74			
7/ 77				.5	.6	1.1	.9	1.4	.4	.4	.3	.1								54	54	1		
6/ 75			.3	.6	.4	.9	1.6	1.0	1.2	.8	.5	.2								70	70	6		
4/ 73			.8	1.7	.5	.5	1.5	.6	1.5	1.4	.3									83	83	20		
2/ 71			1.2	.9	.6	1.0	1.0	1.2	1.5	.9										76	76	46		
10/ 69		.4	1.3	1.5	1.1	.9	1.4	2.2	.5	.3										89	89	78		
6/ 67	.1	.6	1.0	.5	1.3	.6	1.0	1.2	.6	.1										66	66	89		
6/ 65		.2	.4	1.0	.8	.8	1.0	.9	.9											54	54	75		
4/ 63		1.0	.6	1.5		1.4	.9	.6	.4	.3										63	63	85		
2/ 61		.3	.4	1.1	.2		.1	.4	.4											28	28	76		
10/ 59		.9	.5	.2			1.0	.4	.1											29	29	81		
5/ 57		.5	.8	.4		.2	.9	.3	.1											30	30	92		
5/ 55		.4	.6	.4	.1	.2	.6	.4												27	27	85		
4/ 53		1.2	.1	.1	.2	.5	.3													23	23	56		
2/ 51		.2	.2			.4														8	8	44		
5/ 49		.2	.2			.2														6	6	19		
4/ 47		.1																		1	1	33		
4/ 45		.2																		2	2	16		
4/ 43																						18		
2/ 41																						10		
10/ 39																								
3/ 37																								
3/ 35																								
3/ 33																								
2/ 31																								
2/ 29																								
2/ 27																								
2/ 25																								
2/ 21																								
Element (X)	Σ X'		Σ X		X̄	s <sub>x</sub>	No. Obs.		Mean No. of Hours with Temperature						Total									
Rel. Hum.									≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F										
Dry Bulb																								
Wet Bulb																								
Dew Point																								

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



GLOBAL CLIMATOLOGY BRANCH  
 SAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13775 ANDREWS AFB MD

70,73-81

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
1/ 84								.2		.4		.1						7	7		
6/ 87							.3	.4	.5	.2	.6	.2	.2	.2				26	26		
6/ 88						.1	.4	1.1	.5	.6	.3	.2	.1					32	32		
4/ 83			.1			.3	1.2	1.0	.4	.6	1.1	.2						46	46		
1/ 81				.1	.2	.6	1.3	1.3	1.6	1.3	.4	.6						70	70		
1/ 77			.1	.2	1.0	.3	.8	.4	1.0	1.1	.5	.2	.1					66	66	1	1
1/ 75			.5	.6	1.0	.8	.9	.6	.9	.6	.9	.4						55	55		
4/ 73			.8	1.9	.9	.6	.9	1.2	1.4	1.3	.4							61	61	10	
1/ 71			.4	.9	.4	.5	.8	1.0	1.5	.3								87	87	23	3
1/ 69	.1	.3	.4	.9	1.9	1.4	1.0	1.3	1.0	1.0								62	62	48	3
1/ 67		.4	1.0	1.4	.4	.9	1.6	1.3	1.0	.3								86	86	80	25
6/ 65		.9	1.5	.9	.4	.2	.6	.4	1.1	.6								77	77	77	34
4/ 63		1.0	1.2	1.0	1.0	.3	.2	.5	.2	.1								62	62	75	45
1/ 61		.4	.2	.9	1.1		.2	.9	.4	.1								51	51	87	79
1/ 59		.5	.4		.4	.2	.4	.8	.1									39	39	98	60
1/ 57		.4	.3	.2	.2		.4	.2	.3									27	27	80	55
5/ 55		1.3	.6	.1			.4											20	20	88	69
4/ 53		.4	.3		.2	.6												23	23	78	58
1/ 51			.4		.3	.2												15	15	56	58
1/ 49			.4		.3	.2												9	9	36	68
1/ 47		.2		.2	.1	.1												4	4	27	38
4/ 45																		2	2	22	57
4/ 43		.3																		21	57
12/ 41																		3	3	18	49
4/ 39																				5	23
3/ 37																					27
1/ 35																					26
3/ 33																					21
2/ 31																					19
1/ 29																					22
2/ 27																					12
1/ 25																					14
24/ 23																					1
Element (X)	Z <sub>X</sub> <sup>1</sup>	Z <sub>X</sub>	X	e <sub>X</sub>	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 75 F	≥ 80 F	≥ 93 F										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

17775 ANDREWS AFB MD  
STATION STATION NAME

70,73-81 YEARS

MAY 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				
19	.1	6.2	8.7	9.1	10.2	8.3	13.0	14.9	13.2	9.5	4.1	2.0	.3	.2							930	930	930	3
18																								
17																								
16																								
15																								
14																								
13																								
12																								
11																								
10																								
9																								
8																								
7																								
6																								
5																								
4																								
3																								
2																								
1																								
0																								
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma^2$	No. Obs.	Mean No. of Hours with Temperature					Total													
Rel. Hum.	2977014	49514	53.2	19.155	930	≤ 0 F	≤ 32 F	≤ 47 F	≤ 73 F	≤ 80 F	≤ 93 F	93												
Dry Bulb	4861449	66725	71.7	8.932	930			67.5	45.0	21.9		93												
Wet Bulb	3483595	56491	60.7	7.493	930			23.9	3.4	.1		93												
Dew Point	2642472	48520	52.2	10.935	930		5.5	6.6	.4			93												

USAFETAC FORM 0-26-5 (OL A) AIR WEATHER SERVICE/MACTAC

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1775      ANDREWS AFB MD      70,73-81      MAY      PAGE 1      1800-2000  
STATION      STATION NAME      YEARS      MONTH      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		
67 45						.1	.1	.1											3	3			
77 53					.2	.1	.4	.2	.3	.2					.1				15	15			
77 51						.5	.5		.1	.4									15	15			
77 79				.1	1.0	1.4	.4	.5	.1	.6				.2	.1				42	42			
77 77				.8	.9	.5	.6	1.1	.4	.1	.1								42	42			
77 77			.2	.9	1.4	1.5	1.0	.8	.4	.2	.1								60	60		4	
77 73			1.1	1.6	1.5	.3	1.4	.4	.4	.5	.2								70	70		8	
77 71		.1	1.7	1.0	.9	1.0	1.3	.5	.6	.2									68	68	31	6	
77 69	.2	.5	1.5	1.6	1.4	1.0	.9	1.3	.2	.1									81	81	56	15	
77 67	.1	.4	1.8	1.3	1.6	.9	1.4	1.0	.6										85	85	65	42	
67 55		2.0	1.5	1.4	1.3	1.4	1.4	.5	.1	.1									91	91	70	44	
47 53		1.7	2.2	1.1	1.0	1.7	1.1	.4	.3	.1									89	89	87	62	
77 51		1.2	1.1	1.5	1.6	1.0	.8	.8	.2										75	75	99	73	
77 49		1.1	1.0	.5	1.2	.4	.3	.6											47	47	91	62	
77 57		1.1	.5	.5	.5	.4	.9	.2	.2										41	41	70	70	
77 55		1.4	.9	.2	.8	.4	.6	.1											41	41	86	68	
77 53		.9	.4	.4	.4	.4	.4	.1											22	22	80	68	
77 51			.2	.2	.2	.2	.1												12	12	54	65	
77 49		.3	.3	.3	.3		.1												13	13	31	40	
77 47		.2	.4		.2														8	8	32	52	
77 45		.4	.1	.1															6	6	32	50	
47 43	.1			.1															2	2	19	43	
27 41																					7	44	
77 39																					6	34	
77 37																						14	
77 35																						20	
37 33																						16	
77 31																						12	
77 29																						15	
77 27																						5	
77 25																						1	
37 23																						2	
77 21																						3	
77 19																						2	
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma^2$	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																							

FORM 0-26-5 (OL A)      REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
 USAFETAC      AIR 54



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1375 ANDREWS AFB MD

70,73-81

MAY

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
7 / 77				.3	.2	.1												6	6	
6 / 75			.3	.8	.5	.1	.2		.1									19	19	
4 / 73			.5	1.4	.5	.4	.5											32	32	2
7 / 71		.2	2.3	.5	.4	.8		.1	.2									42	42	9
7 / 69		1.0	2.7	1.2	1.1	1.1	.2	.1	.1									69	69	22
7 / 67	.1	1.3	2.0	1.9	2.5	.5	.3	.2	.1									84	84	52
6 / 65	.5	3.9	1.3	2.5	1.2	.2	.8	.2	.1									99	99	53
4 / 63	.4	3.3	2.4	1.5	1.0	.6	.2	.1										89	89	73
7 / 61		1.2	1.7	1.9	1.8	.8	.2											71	71	98
7 / 59		4.0	1.9	2.0	1.8	1.3		.1										104	104	95
7 / 57		2.0	1.2	1.4	2.3	.4	.1	.1										70	70	84
5 / 55		1.9	1.5	1.7	1.1	.2	.3	.1										64	64	60
4 / 53		1.1	1.0	1.4	.4	.5	.1											42	42	89
7 / 51		1.4	.9	1.0	1.0	.4	.2											45	45	66
7 / 49	.1	.6	1.7	.8	.9		.1											39	39	72
7 / 47		1.1	.5	.8	.9													30	30	39
7 / 45	.1	.5	.8	.1	.2	.2												18	18	45
4 / 43		.1	.2	.1														4	4	28
2 / 41																				24
7 / 39																				12
7 / 37																				4
7 / 35																				21
3- / 33																				15
7 / 31																				12
7 / 29																				18
7 / 27																				10
7 / 25																				1
7 / 23																				4
2 / 21																				1
TOTAL	1.3	23.7	23.0	21.4	17.8	7.8	3.3	1.1	.6									927	927	927
Element (X)	ΣX'		ΣX		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature						Total			
Rel. Num.	5111026		67424		72.7		14.953		927		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total			
Dry Bulb	3545886		56914		61.4		7.465		927				25.3	5.7			93			
Wet Bulb	2998639		52251		56.4		7.599		927				8.5	.2			93			
Dew Point	2600052		48270		52.1		9.669		927			3.5	4.1				53			

USAFETAC FORM 0-26-5 (O.L.A.) REVERSED MIRROR IMAGE OF THE FORM AIR OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1375 ANDREWS AFB MD

70,73-81

YEARS

MAY  
 MONTH

PAGE 1

ALL  
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
7/ 89								.0	.1	.1	.0	.0						11	11		
8/ 87							.1	.1	.1	.1	.1	.1	.0	.0				44	44		
6/ 85						.1	.1	.3	.2	.1	.1	.1	.0					74	74		
4/ 83			.0	.0	.1	.1	.4	.3	.2	.2	.2	.1						110	110		
2/ 81				.0	.1	.4	.4	.4	.3	.3	.1	.1						157	157		
2/ 79			.0	.1	.3	.6	.8	.5	.3	.3	.1	.1						218	218	1	1
7/ 77			.0	.3	.5	.5	.3	.4	.2	.3	.1	.1						206	206	1	
6/ 75			.2	.6	.6	.6	.6	.4	.4	.3	.1	.0						292	292	24	1
4/ 73			.6	1.2	.7	.4	.7	.4	.5	.4	.1							372	372	61	5
2/ 71		.1	1.6	.6	.6	.7	.6	.6	.6	.2								411	411	163	15
2/ 69	.0	.5	1.9	1.1	1.2	.8	.6	.7	.3	.2								552	552	313	86
1/ 67	.1	1.0	1.7	1.2	1.3	.6	.8	.6	.4	.1								570	570	494	234
6/ 65	.3	2.3	1.3	1.4	1.1	.6	.7	.4	.3	.1								625	625	492	381
4/ 63	.3	2.5	1.6	1.4	.8	1.0	.5	.3	.1	.1								637	637	619	470
2/ 61	.1	1.8	1.8	1.3	1.1	.5	.3	.3	.1	.0								542	542	672	514
1/ 59	.1	2.3	1.3	1.1	.9	1.0	.5	.4	.3	.0								508	508	683	449
1/ 57	.1	1.5	1.3	.9	1.0	.3	.5	.1	.1									429	429	675	566
5/ 55	.0	1.8	1.3	1.1	.6	.4	.4	.1										421	421	594	502
4/ 53	.0	1.8	1.2	.6	.3	.5	.2	.0										345	345	609	631
2/ 51	.0	.9	1.5	.4	.4	.3	.1											277	277	482	503
1/ 49	.3	.8	1.0	.5	.4	.2	.1											233	233	399	426
4/ 47		1.0	.5	.4	.5	.0	.0											173	173	356	439
1/ 45	.0	.5	.4	.3	.2	.1												118	118	270	516
4/ 43	.0	.3	.2	.3	.1													69	69	204	363
2/ 41		.1	.1	.1	.0													23	23	141	285
4/ 39		.1	.1	.0														14	14	110	243
3-1/ 37			.0															2	2	47	159
2-1/ 35																				19	186
34/ 33																				4	117
22/ 31																					150
21/ 29																					101
23/ 27																					61
26/ 25																					22
24/ 23																					15
Element (X)	Z <sub>g</sub> <sup>1</sup>	Z <sub>g</sub>	X	C <sub>g</sub>	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-5 (OL A) REVISED SEPTEMBER 1964 USE PREVIOUS EDITIONS OF THIS FORM AND DISCOUNT





GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13705      ANDREWS AFB MD      69-70,73-80      JUN

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
79/ 79						.1												1	1		
78/ 77		.3	.2	.2	.4													11	11		
76/ 75		.1	1.2	.9	.2													22	22	3	1
74/ 73		.6	2.6	2.0	.6	.1												52	52	6	3
72/ 71	.1	2.8	4.4	1.3	.3	.4												85	85	32	14
70/ 69	.1	4.0	5.3	2.1	.2	.4												110	110	86	39
68/ 67	.4	7.8	3.8	1.6	.2	.1												125	125	94	95
66/ 65	.9	6.7	2.2	1.3	.7	.1												107	107	140	134
64/ 63	.4	5.3	1.4	.9	.2													75	75	116	87
62/ 61	.7	3.2	2.7	.8	.3													69	69	82	107
60/ 59	.2	3.7	1.8	.3	.3													57	57	65	72
58/ 57	.6	3.0	2.0	1.1														68	68	79	72
56/ 55	.4	2.4	1.6															40	40	57	65
54/ 53	.1	2.1	.9	.4	.1													33	33	40	60
52/ 51		1.0	1.0	.7														24	24	42	39
50/ 49		1.0	.9	.1														18	18	15	34
48/ 47		.6	.2															7	7	24	26
46/ 45		.2	.1															3	3	13	22
44/ 43																				4	14
42/ 41		.1																1	1	1	7
40/ 39																				1	4
38/ 37																					4
36/ 35																					1
TOTAL	4.0	44.9	32.3	13.8	3.7	1.3												900	900	900	900
Element (X)	Σ X <sup>2</sup>		Σ X		Σ X	Σ X	No. Obs.	Mean No. of Hours with Temperature					Total								
Rel. Hum.	6476536		75896		84.3	9.213	900	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total							
Dry Bulb	3789994		58086		64.5	6.763	900			40.6	8.6	.1		90							
Wet Bulb	3455249		55451		61.6	6.569	900			22.1	.9			90							
Dew Point	3247568		53676		59.6	7.179	900			15.2	.4			90							

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



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1375 STATION ANDREWS AFB MD

69-70, 73-80 YEARS

JUN 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
84/ 83			.1			.2		.2	.1									6	6		
82/ 81					.6			.1										6	6		
80/ 79			.1	.6	.4	.1	.1											12	12	1	
78/ 77		.2	.8	1.9	1.0	.4	.2	.1										42	42	1	1
76/ 75			1.6	2.9	1.2	.4	.2	.1	.1									59	59	2	2
74/ 73		1.9	4.0	3.2	.9	.3	.1											94	94	26	1
72/ 71	.2	2.0	6.0	2.7	1.7	.4	.2											119	119	73	27
70/ 69	.4	3.6	4.8	2.0	1.2	1.1	.3											121	121	111	79
68/ 67		3.9	3.6	2.2	1.6	.7	.1											108	108	119	109
66/ 65	.2	3.8	2.0	1.9	1.2	.4	.3											89	89	120	122
64/ 63	.9	2.3	1.2	1.6	1.1	.2	.1											67	67	106	94
62/ 61	.3	2.3	2.0	1.8	.3	.4												65	65	76	87
60/ 59	.2	2.2	1.2	.7	.4	.2												45	45	77	66
58/ 57	.3	1.8	1.0	.4	.4													36	36	73	75
56/ 55	.2	.3	.7	.3	.2													16	16	54	66
54/ 53		.2	.3	.3	.3													8	8	27	46
52/ 51		.1	.3	.2														6	6	15	48
50/ 49																				11	25
48/ 47			.1															1	1	3	19
46/ 45																				4	15
44/ 43																				1	6
42/ 41																					3
40/ 39																					7
38/ 37																					2
TOTAL	2.9	24.7	29.8	22.3	12.7	5.1	1.8	.6	.2									900	900	900	900
Element (X)	Σx'	Σx	X	σ <sub>a</sub>	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Num.	5649448	70480	78.3	12.029	900	≤ 0 F	≤ 32 F	≤ 47 F	≤ 73 F	≤ 80 F	≤ 93 F	Total									
Dry Bulb	4207035	61283	68.1	6.162	900			56.7	21.9	1.5		90									
Wet Bulb	3685250	57344	63.7	5.924	900			33.3	3.0	.1		90									
Dew Point	3376502	54762	60.8	7.029	900			21.9	.4			90									

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13775      ANDREWS AFB MD      69-70,73-80      JUN  
 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															
6/ 93								.1																							1	1			
7/ 91							.1																								2	2			
8/ 89								.1	.2	.1																				10	10				
8/ 87						.1	.1	.9	.3	.6	.3	.2																		23	23				
6/ 85					.3	.7	1.1	1.0	.2	.3																				33	33				
4/ 83				.1	.6	2.0	1.9	1.0	.4	.1	.1																			56	56				
7/ 81			.1	.3	2.0	3.6	1.3	.7	.2																					75	75	2			
7/ 79			.2	1.3	2.6	2.9	1.3	.8	.3	.3	.3																			91	91	2			
78/ 77			.6	2.2	4.0	1.3	1.1	.9	.4	.2																				97	97	9	2		
6/ 75			1.8	2.9	2.3	2.1	1.1	1.4	.7	.1																				112	112	30	4		
74/ 73		.1	1.7	1.6	1.8	2.3	1.4	1.2	.6																					96	96	99	11		
7/ 71		.4	2.0	1.4	1.1	1.2	1.3	.9	.3																						79	79	131	42	
70/ 69		.4	1.1	1.1	.9	1.3	1.0	.6																							58	58	120	99	
68/ 67	.1	1.2	1.3	.9	1.0	.9	.7	.7																							61	61	91	126	
66/ 65		.9	1.2	.7	.6	.6	.6	.3																							43	43	89	84	
64/ 63		.6	.8	.4	.6	.6	.4																								30	30	79	85	
62/ 61	.3	.4	.1		.2	.2	.1	.1																							14	14	83	81	
60/ 59	.1	.7	.1	.4		.2																									14	14	66	63	
58/ 57		.4	.1																												5	5	45	63	
56/ 55																																	26	50	
54/ 53																																	18	40	
52/ 51																																7	40		
50/ 49																																3	32		
48/ 47																																		26	
46/ 45																																		23	
44/ 43																																		9	
42/ 41																																		10	
40/ 39																																		8	
38/ 37																																		1	
36/ 35																																		1	
TOTAL	.6	5.2	11.1	13.4	18.0	20.1	14.4	10.2	3.9	2.0	.9	.1																			900	900	900		
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma^2$	No. Obs.	$\leq 0 F$	$\leq 32 F$	Mean No. of Hours with Temperature				Total																							
Rel. Hum.	3789188	56880	63.2	14.704	900			$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total																							
Dry Bulb	5114368	67568	75.1	6.808	900			79.4	59.6	24.4	.1	90																							
Wet Bulb	4003225	59783	66.4	5.976	900			48.4	14.2	.3		90																							
Dew Point	3409277	54935	61.0	7.900	900			28.4	1.7			90																							

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

GENERAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13795 ANDREWS AFB MD  
 STATION STATION NAME

69-70,73-80  
 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														
2/ 97									.1		.1																			2	2			
6/ 95									.3		.1																			4	4			
7/ 93									.1		.2		.2																	5	5			
7/ 91								.2	.7	1.1	.4	.1	.7																	29	29			
7/ 89						.1	.7	2.3	1.2	1.0	.4	.7																		58	58			
8/ 87					.2	.1	1.7	1.9	2.0	.9	.3	.7																		64	64			
6/ 85				.1	.2	.8	3.8	1.7	1.7	.3	.2	.1																		80	80			
4/ 83			.2	.8	2.2	1.8	1.6	1.7	.2	.6	.3	.7																		84	84			
7/ 81			.1	1.9	3.1	1.6	2.4	.8	.1	.2	.1	.7																		93	93	3		
7/ 79			.3	1.4	2.7	1.1	1.3	.9	.6	.3	.7	.7																		78	78	10		
7/ 77			.4	1.8	1.1	1.9	1.4	1.8	.6	.2	.7	.7																		83	83	22	4	
8/ 75			.8	.6	.7	1.0	1.4	2.3	1.1	.4	.2	.7																		77	77	68	8	
7/ 73		.3	1.2	1.0	.6	.4	1.6	1.2	1.2	.7	.7	.7																		71	71	134	13	
7/ 71		.2	.7	.8	.3	.6	1.0	1.0	.8	.7	.7	.7																		48	48	115	43	
7/ 69		.2	1.0	.7	1.0	.2	.6	.9	.7	.7	.7	.7																		47	47	108	97	
6/ 67	.3	.6	.7	.9	.6	.3	.3	.3	.3	.3	.3	.3																		36	36	87	114	
6/ 65		.3	.7	.2	.3	.1	.1	.1	.1	.1	.1	.1																		17	17	70	94	
4/ 63		.7	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1																		10	10	74	78	
7/ 61		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																		3	3	84	54	
7/ 59		.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6																		10	10	49	86	
7/ 57		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																		1	1	45	56	
5/ 55																																22	50	
4/ 53																																	8	34
2/ 51																																1	48	
5/ 49																																		34
4/ 47																																		31
4/ 45																																		22
4/ 43																																		10
2/ 41																																		15
4/ 39																																		8
3/ 37																																		1
TOTAL	.3	3.0	5.7	5.6	10.1	12.8	17.8	19.2	15.4	4.9	3.1	2.1																			900	900	900	
Element (X)	Σx'		Σx		X		σ <sub>x</sub>		No. Obs.		Mean No. of Hours with Temperature						Total																	
Rel. Num.	2933384		49614		55.114		853		900		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																	
Dry Bulb	5699848		71312		79.2		7.410		900				85.9	72.8	45.8	1.1	900																	
Wet Bulb	4164587		60981		67.8		6.033		900				54.7	23.7	.7		900																	
Dew Point	3395354		54786		60.9		8.193		900				27.9	2.5			900																	

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AFS WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13775 ANDREWS AFB MD  
STATION STATION NAME

69-70, 73-80  
YEARS

JUN  
MONTH

PAGE 1 1500-17  
HOURS (L. S. Y)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew P															
6/ 97										.2																						2	2		
6/ 95										.1					.1	.1																3	3		
4/ 93									.2	.2	.4	.2	.1	.1																		12	12		
7/ 91							.1	.4	.1	1.1	.2	.3	1.0																			30	30		
7/ 89						.2	.2	3.0	1.1	.3	.8	.1	.1																			53	53		
8/ 87					.3	.2	1.2	1.8	3.0	1.7	1.0	.1																				84	84		
6/ 85					.1	1.3	2.0	2.7	.7	.1	.1	.3																				66	66		
7/ 83				.1	1.2	2.3	2.7	1.6	.4	1.0	.6	.2	.1																			92	92		
7/ 81					.4	1.7	3.1	1.8	1.2	.7	.1	.2																				83	83	4	
7/ 79				.2	.9	2.1	.9	1.3	2.2	.9	.2																					79	79	11	
7/ 77			.7	1.3	.9	1.1	.9	2.0	1.3	.6																						79	79	16	
76/ 75		.1	1.0	1.0	.6	.6	1.1	1.6	2.2	1.0	.7																					88	88	83	
74/ 73		.1	1.2	1.1	.9	.6	1.2	1.1	.7	.3																						65	65	110	
72/ 71		.1	.7	.4	1.1	.7	.7	1.3	1.0																							54	54	132	
70/ 69	.1	.6	.8	1.2	.4	.1	.3	.7	.7																							44	44	106	
68/ 67		.3	.7	.7	.2	.2																										19	19	73	
66/ 65		.1	.2		.3	.1	.1																									8	8	73	
64/ 63		.9		.1	.3		.1																									13	13	89	
62/ 61		.6	.1	.2			.1																									9	9	75	
60/ 59	.1	.8	.6																													13	13	50	
58/ 57		.2																														2	2	41	
56/ 55			.1																													1	1	32	
4/ 53																																		3	
2/ 51																																		1	
50/ 49																																			
48/ 47																																			
46/ 45																																			
44/ 43																																			
42/ 41																																			
40/ 39																																			
38/ 37																																			
TOTAL	.2	3.8	6.0	6.5	7.8	11.3	15.1	19.1	16.0	7.5	4.1	2.2	.3																			899	899	8	
Element (X)	Σx'		Σx		Σ		Σ <sub>n</sub>		No. Obs.		Mean No. of Hours with Temperature																								
Rel. Hum.	2900209		49043		54.6		15.821		899		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																		
Dry Bulb	5728679		71439		79.5		7.594		899				85.4	73.7	47.2	1.7																			
Wet Bulb	4158671		60901		67.7		6.067		899				53.6	22.4	1.2																				
Dew Point	3369037		54515		60.6		8.394		899				26.1	2.7																					

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

AD-A110 238

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2  
ANDREWS AFB, WASHINGTON DC REVISED UNIFORM SUMMARY OF SURFACE W--ETC(U)  
OCT 81  
USAFETAC/DS-81/093

UNCLASSIFIED

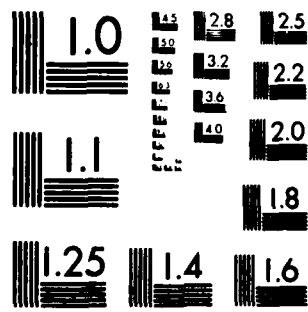
SBI-AD-E850 121

NL

5  
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12

The table consists of a grid with 10 columns and 10 rows. The top row is mostly blacked out, with only the first two cells containing the text '5' and '6' respectively. The remaining cells in the top row and all cells in the subsequent 9 rows are blacked out.

# 10238



MICROCOPY RESOLUTION TEST CHART  
NATIONAL BUREAU OF STANDARDS 1963 A.

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AF WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

18785 ANDREWS AFB MD

69-70,73-80

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
4/ 93									.1									1	1		
7/ 91									.1				.2	.1	.1			5	5		
7/ 89							.1	.1	.4				.2	.1				9	9		
8/ 87						.3	.2	.6	.2	.2	.4	.3						21	21		
6/ 85					.4	1.0	.8	.8	.8	.7	.1							41	41		
4/ 83				.3	1.0	1.4	1.3	.3	.3	.4								47	47		
2/ 81			.2	2.2	2.6	1.1	.9	.2	.3	.1								69	69		
7/ 79		.1	1.3	1.7	2.6	1.1	.1	.4	.1	.1								68	68	9	
7/ 77		.1	.4	1.6	2.4	.9	1.0	1.1	.4									72	72	12	3
5/ 75		.2	1.7	2.9	1.8	2.1	1.0	1.2	.4	.3	.1							106	106	37	10
4/ 73		.6	2.7	2.2	1.1	1.0	1.9	.8	.6	.2	.1							100	100	74	11
72/ 71		2.1	2.9	.9	1.9	1.6	1.4	.9	.3	.1								109	109	110	55
70/ 69		1.6	1.7	.9	1.6	1.4	1.0	.9	.3									84	84	138	92
58/ 67		1.6	.7	1.4	1.1	.4	.9	.3										58	58	104	111
6/ 65	.1	.6	.8	.6	1.1	.4	.2	.2										36	36	77	97
4/ 63		.1	.4	.8	.4	.2	.4											22	22	70	68
2/ 61	.2	1.6	.1	.3	.2	.3	.1											26	26	87	67
60/ 59	.1	.3	.8	.1	.3	.2												17	17	69	78
40/ 57		.4	.3															7	7	48	54
58/ 55																				37	55
44/ 53		.1																1	1	15	51
42/ 51																				10	36
50/ 49																				2	38
48/ 47																					18
46/ 45																					19
44/ 43																					17
42/ 41																					8
40/ 39																					7
38/ 37																					2
36/ 35																					2
TOTAL	.4	9.2	12.6	13.6	17.7	16.6	13.1	8.3	4.3	3.0	1.1							899	899	899	899
Element (X)	Z <sub>X</sub> '	Z <sub>X</sub>	X	C <sub>X</sub>	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Num.	4001933	58237	64.6	15.981	899	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total									
Dry Bulb	5031376	66960	74.9	7.001	899			79.1	54.0	22.1	.1	90									
Wet Bulb	3976937	59541	66.2	6.110	899			48.5	13.2	.5		90									
Dew Point	3412592	54900	61.1	8.172	899			28.2	2.4			90									

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





GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB MD

69-70,73-80

JUN

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
98/ 97									.0	.0	.0							4	4	
6/ 95									.1	.0	.0	.0						7	7	
4/ 93								.1	.0	.1	.1	.0	.0					19	19	
2/ 91							.0	.1	.1	.3	.1	.2						66	66	
7/ 89						.1	.1	.8	.3	.3	.2	.1	.0					130	130	
8/ 87					.1	.1	.5	.5	.7	.4	.2	.0						192	192	
6/ 85			.0	.1	.5	1.0	.8	.4	.2	.1	.1							221	221	
4/ 83			.0	.1	.5	1.0	1.0	.6	.4	.2	.2	.1	.0					293	293	
7/ 81			.0	.1	1.0	1.5	.9	.7	.3	.1	.1	.0						346	346	9
1/ 79			.1	.5	1.0	1.4	.6	.4	.5	.2	.1							360	360	34
72/ 77		.1	.5	1.4	1.6	.7	.7	.7	.5	.2	.0							455	455	67
76/ 75		.1	1.6	2.0	1.1	1.0	.6	.9	.6	.2	.1							584	584	238
74/ 73		.7	2.7	2.1	1.0	.6	.8	.5	.4	.1	.0							650	650	501
72/ 71	.1	1.5	3.4	1.3	1.1	.6	.7	.5	.3	.0								693	693	737
70/ 69	.1	2.4	3.5	1.5	1.0	.7	.5	.4	.2									734	734	867
68/ 67	.1	2.8	2.1	1.4	1.0	.4	.3	.2										595	595	823
66/ 65	.2	2.4	1.5	.9	.9	.3	.2	.1										469	469	789
64/ 63	.2	1.8	1.0	1.0	.5	.2	.2	.0										348	348	706
62/ 61	.3	1.6	1.2	.8	.3	.2	.0	.0										320	320	645
60/ 59	.1	1.5	1.0	.4	.2	.1	.0											245	245	520
58/ 57	.1	1.2	.9	.3	.1	.0												190	190	473
56/ 55	.1	.6	.6	.2	.1	.0												109	109	323
54/ 53	.0	.4	.4	.2	.1	.0												74	74	186
52/ 51		.2	.4	.2														55	55	125
50/ 49		.2	.1	.0														24	24	68
48/ 47		.1	.1															11	11	57
46/ 45		.0	.0															3	3	22
44/ 43																				6
42/ 41		.0																1	1	74
40/ 39																				1
38/ 37																				19
36/ 35																				6
TOTAL	1.4	17.6	21.0	14.5	11.7	9.4	8.2	7.2	5.0	2.2	1.2	.6	.0					7198	7198	7198
Element (X)	Z <sub>1</sub>	Z <sub>2</sub>	Y	W	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.	37221635	502357	69.8	17.330	7198	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total								
Dry Bulb	37854695	518161	72.0	8.773	7198			535.0	332.8	145.8	3.0	720								
Wet Bulb	30733063	467953	65.0	6.571	7198			327.7	84.9	2.8		720								
Dew Point	26913445	436593	60.7	7.758	7198			191.2	12.8			720								

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13705      ANDREWS AFB MD      69-70,73-80      JUL  
 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
4/ 83				.3	.2	.1	.1											7	7		
5/ 81			.1	.1	.3	.4												9	9		
6/ 79			.4	.9	.3	.4			.1									21	21		
7/ 77		.3	1.2	2.5	1.6	.4	.1	.2										59	59	5	
8/ 75	.2	1.0	3.2	3.4	1.0	.8	.3	.2										94	94	13	11
9/ 73	.2	4.8	6.0	3.1	1.6	.6	.2	.1										156	156	64	21
10/ 71	1.0	6.1	7.6	3.4	2.3	.2	.3											195	195	142	82
11/ 69	.4	3.2	5.8	3.2	1.6	.5	.2											140	140	151	139
12/ 67	.2	2.4	3.8	1.6	1.2	.2	.1											88	88	146	126
1/ 65		1.6	2.6	1.1	.6		.1											56	56	122	101
2/ 63	.2	.8	1.3	1.1	.6	.3												40	40	105	122
3/ 61		1.5	.5	.8	.4													30	30	64	83
4/ 59		.6	.6	.2														14	14	48	75
5/ 57		.6	.6															12	12	28	60
6/ 55		.3	.1	.1														5	5	23	25
7/ 53		.1	.2															3	3	15	36
8/ 51		.1																1	1		23
9/ 49																				4	16
10/ 47																					1
11/ 45																					8
12/ 43																					1
TOTAL	2.3	23.5	34.0	22.0	11.8	4.1	1.6	.5	.1									930	930	930	930
Element (X)	Σ X'	Σ X	Σ X	Σ X	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.	6026324	74100	79.7	11.470	930	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	4682137	65825	70.8	4.983	930			76.9	34.6	2.3											93
Wet Bulb	4143462	61900	66.8	5.024	930			52.1	8.2												93
Dew Point	3842922	59514	64.0	4.088	930			37.9	3.2												93

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



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB MD STATION STATION NAME

69-70,73-80 YEARS

JUL 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
8/ 87						.2												2	2		
6/ 85					.1	.1												2	2		
4/ 83				.3	.5	.3												11	11		
2/ 81			.1	.2	1.0	.5	.1											18	18		
27/ 79		.1	.8	.9	1.2	1.0	.4											40	40		
7/ 77		1.2	1.5	2.5	2.7	1.7	.5											94	94	11	3
2/ 75	.1	1.4	4.6	4.5	2.7	.9	.6	.1										139	139	33	10
4/ 73	.5	4.8	5.1	3.9	2.2	.6	.2	.2										163	163	77	42
7/ 71	.2	4.8	4.5	2.5	2.3	1.1	.6	.1										150	150	151	82
7/ 69	.5	2.6	5.3	1.8	1.6	.6	.5	.4										125	125	164	148
6/ 67	.3	1.7	2.5	1.6	.8	.8	.2											73	73	141	113
6/ 65	.1	1.5	1.6	1.3	.8	.3	.1											53	53	110	130
4/ 63		1.0	.8	.8	.1	.2												26	26	84	103
2/ 61		1.0	.3	.3	.2													17	17	62	81
2/ 59			.4	.2	.1													7	7	40	67
2/ 57		.5	.3															8	8	30	43
5/ 55		.1	.1															2	2	18	33
4/ 53																				7	15
2/ 51																				2	27
5/ 49																					18
4/ 47																					11
4/ 45																					4
TOTAL	1.8	20.8	27.8	20.8	16.1	8.4	3.4	.9										930	930	930	930
Element (X)	Z <sub>1</sub>	Z <sub>2</sub>	X	σ <sub>1</sub>	No. Obs.	Mean No. of Hours with Temperature -					Total										
Rel. Hum.	5703520	71906	77.3	32.8	930	≤ 6 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	4874915	67177	72.2	4.921	930			81.7	46.9	5.4		93									
Wet Bulb	4243436	62650	67.4	4.974	930			57.7	12.1			93									
Dew Point	3902183	59961	64.5	6.246	930			39.8	8.5			93									

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB MD 69-70,73-80 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
04/ 93							.2	.1	.1									4	4		
05/ 91							.1	.4	.9									9	9		
06/ 89						.1	1.2	1.1	.1	.3								26	26		
08/ 87						1.0	.8	1.1	.9	.5								39	39		
06/ 85		.1	.1		.6	1.8	2.0	1.8	1.8	.3								73	73		
04/ 83				.6	2.3	3.2	2.9	2.5	1.1	.3	.2							122	122	1	1
02/ 81		.1	.4	1.2	3.1	3.4	2.8	1.7	1.2		.1							131	131	1	1
05/ 79		.3	1.0	3.5	1.9	3.8	2.6	2.3	.5	.4								152	152	16	1
07/ 77		.3	1.6	2.2	2.5	1.9	1.2	.9	1.1	.4								108	108	47	6
06/ 75		1.0	2.3	1.2	2.3	2.2	1.3	1.0	.6	.3								112	112	90	17
04/ 73		.4	1.2	.9	.8	.8	.8	.9	.1									53	53	179	59
05/ 71		.9	1.4	.8	.5	.5	.8	.3	.1									49	49	148	114
03/ 69		.3	.6	.5	.3	.3	.3	.2										22	22	136	135
05/ 67		.2	.6	.1	.2	.1	.2											14	14	100	91
06/ 65		.1	.1	.1	.2	.2												7	7	83	101
04/ 63		.4	.1		.1													6	6	45	111
02/ 61		.3																3	3	44	80
03/ 59																				25	58
05/ 57																				12	36
06/ 55																				3	32
04/ 53																					21
02/ 51																					24
03/ 49																					17
04/ 47																					16
06/ 45																					6
04/ 43																					3
TOTAL		4.5	9.5	11.1	14.8	18.6	16.9	14.3	7.2	2.8	.3							930	930	930	930
Element (X)	Z <sub>1</sub>	Z <sub>2</sub>	X	C <sub>1</sub>	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	3782510	57816	62.8	4.234	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	5896132	73879	79.4	5.411	930			91.4	82.9	48.9	.4	93									
Wet Bulb	4583592	65132	70.8	4.879	930			71.8	38.4	.3		93									
Dew Point	3943889	60227	64.8	6.889	930			62.5	8.5	.2		93									

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13705      ANDREWS AFB MD      69-70,73-80      JUL

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
8/ 97										.1	.4	.2					7	7		
96/ 95									.2	.6	.4						12	12		
94/ 93								.5	.9	.4	.2	.2					21	21		
92/ 91							.3	1.0	1.5	1.4	.3	.1					43	43		
90/ 89				.2	.1	.3	1.0	2.4	2.4	2.5	1.2						93	93		
87/ 87				.1	.5	1.5	2.9	2.4	4.0	1.1	.6	.2					126	126		
86/ 85			.1	.4	1.1	2.5	2.3	3.0	4.0	2.0	1.1	.2					155	155		
84/ 83			.1	1.0	1.4	1.7	1.2	1.4	2.3	1.5	.5	.1					104	104	2	
81/ 81			.1	.8	1.9	1.6	2.6	1.0	1.8	1.3	.4						107	107	4 3	
80/ 79			.8	1.9	1.2	1.5	1.1	1.6	1.3	.9	.6						101	101	32 1	
78/ 77			.4	.5	.9	.1	.8	.5	.8	1.0	.1						47	47	85 13	
76/ 75		.4	.2	.9	.9	1.0	.5	.4	.3	.1							44	44	120 23	
74/ 73		.4	.2	.9		.2	.1	.5	.2								24	24	168 53	
72/ 71	.1	.4	.6	.3	.2	.1		.1									18	18	142 105	
70/ 69		.2	.4	.4		.1	.1										12	12	124 114	
67/ 67		.2	.1	.2			.1										6	6	69 87	
66/ 65	.2	.4	.2			.1											9	9	84 107	
64/ 63		.1															1	1	45 78	
62/ 61																			27 94	
60/ 59																			21 65	
57/ 57																			6 47	
56/ 55																			1 35	
54/ 53																			25	
52/ 51																			28	
50/ 49																			21	
47/ 47																			14	
46/ 45																			9	
44/ 43																			8	
TOTAL	.3	2.3	3.3	7.6	8.2	10.8	12.9	14.8	19.8	12.9	6.0	1.1					930	930	930	

Element (X)	Zg'	Zg	X	cg	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	2912928	50200	54.0	14.790	930			92.0	88.4	72.7	4.0	93
Wet Bulb	4719899	66093	71.1	4.956	930			74.6	41.1	1.7		93
Dew Point	3890270	59762	64.3	7.333	930			39.9	9.3	.9		93

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13745 ANDREWS AFB MD  
 STATION STATION NAME

69-70,73-80  
 YEARS

JUL  
 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	
10/ 99											.2						.2	2	2			
8/ 97										.2	.2						.4	8	8			
6/ 95										.2	.6	.5						13	13			
4/ 93										.3	.9	.6	.2				.2	21	21			
1/ 91									.2	.8	1.5	1.2	1.8				.1	52	52			
1/ 89						.1	1.0	.9	1.7	2.4	3.0	.8	.1					92	92			
8/ 87					.5	.8	2.5	2.3	2.3	2.8	1.6	.6						124	124			
6/ 85				.2	1.5	2.3	2.2	3.3	3.2	1.3	1.0	.3						142	142			
4/ 83			.3	.4	1.0	1.3	2.5	1.1	1.9	2.3	1.2	.1						112	112			
1/ 81			.1	.8	1.2	1.5	1.0	1.0	1.6	1.3	1.0		.1					88	88	2		
8/ 79		.1	.2	2.2	1.3	1.8	.8	.9	1.0	.6	.4	.2						88	88	36	3	
7/ 77		.3	.8	1.0	.5	.5	.6	.6	.6	.6	.1							48	48	69	6	
76/ 75		.3	1.5	.6	.6	.8	.5	.8	.2	.1								51	51	110	34	
74/ 73		1.2	1.3	1.4	.5	.3		.1	.3									48	48	155	52	
71/ 71		.3	.4	.4	.2													13	13	172	91	
7/ 69	.1	.3	.2	.3														9	9	128	111	
6/ 67		.2	.1	.3		.1	.2											9	9	72	97	
6/ 65	.2	.4																6	6	83	114	
4/ 63		.2																2	2	52	75	
2/ 61																				31	85	
1/ 59		.1																1	1	15	70	
1/ 57																				4	38	
56/ 55																					42	
4/ 53																					35	
2/ 51																					27	
51/ 49																					14	
45/ 47																					22	
43/ 45																					7	
44/ 43																					3	
42/ 41																					2	
38/ 37																					1	
TOTAL		.3	3.6	5.0	7.6	7.5	9.8	11.2	12.8	16.1	14.7	8.8	2.4	.1						929	929	929
																		929		929		

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

Element (X)	$\Sigma X'$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	2981289	50405	54.3	16.296	929	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	6501942	77506	83.4	6.199	929			92.1	89.0	69.8	4.4	93
Wet Bulb	4696892	65908	70.9	4.762	929			74.5	37.2	1.6		93
Dew Point	3868395	59563	64.1	7.304	929			39.4	9.5			93





GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1375 STATION ANDREWS AFB MD STATION NAME

69-70,73-80 YEARS

JUL 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	
8 / 87						.1												1	1			
6 / 85					.4	.1												5	5			
4 / 83					.3	.2	.1											6	6			
2 / 81			.2	1.0	.3	.6	.4	.2										26	26			
1 / 79		.1	.9	1.6	1.7	1.8	.4	.1	.1									63	63	1		
7 / 77		.9	2.3	3.0	2.2	1.2	.3	.1										92	93	10		
2 / 75		2.4	4.2	3.4	3.6	1.4	1.0	.1										149	149	39	17	
4 / 73	.1	4.4	6.1	6.3	2.6	.8	.8											195	195	84	48	
2 / 71	.6	2.8	5.6	2.8	2.5	.5	.6	.2										146	146	150	95	
1 / 69	.1	2.2	1.8	2.4	1.5	.5	.5											84	84	160	120	
1 / 67	.2	1.5	1.9	3.0	1.1	.1	.1											74	74	168	121	
6 / 65	.1	1.2	.6	.9	.6	.2	.2											36	36	90	116	
4 / 63		.3	.9	.5		.2												18	18	84	121	
2 / 61		.5	.3	.6	.2													16	16	56	73	
1 / 59		.1	.6	.1														8	8	40	60	
1 / 57		.1	.4		.1													6	6	22	51	
5 / 55		.2	.1															3	3	14	35	
4 / 53																				8	36	
2 / 51																				2	16	
5 / 49																					7	
4 / 47																					5	
4 / 45																					7	
TOTAL	1.2	16.7	26.1	25.6	17.1	7.9	4.5	.8	.1									928	929	928	928	
Element (X)	$\Sigma X'$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature																
Rel. Num.	5513746	70642	76.1	12.125	928	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total										
Dry Bulb	4952694	67680	72.9	4.873	928			84.3	53.9	6.6		93										
Wet Bulb	4271710	62798	67.7	4.889	928			61.3	13.4			93										
Dew Point	3911839	59981	64.6	6.143	928			40.2	6.5			93										

USAFETAC FORM 0-26-5 (OLA) 11 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1375 STATION ANDREWS AFB MD 69-70,73-80 YEARS JUL 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															
12/89												.0											.0								2	2			
1/97												.0	.1										.1								16	16			
2/95											.1	.2	.1										.1								28	28			
3/93											.1	.3	.2	.1	.1								.1								50	50			
4/91										.1	.3	.4	.3	.3	.0								.0								112	112			
5/89				.0	.0	.2	.4	.7	.6	.8	.2	.0											.0								224	224			
6/87				.0	.1	.5	.9	.8	1.0	.6	.3	.1											.0								325	325			
7/85		.0	.0	.1	.6	1.0	.9	1.2	1.2	.5	.3	.1											.0								441	441			
8/83			.1	.4	.9	1.1	1.1	.8	.8	.5	.3	.0											.0								448	448	3	1	
9/81		.0	.2	.7	1.2	1.3	1.2	.7	.7	.4	.2		.0										.0								492	492	8	4	
10/79		.1	.7	1.7	1.3	1.8	.9	.7	.5	.3	.2	.0											.0								607	607	93	5	
11/77		.5	1.3	2.0	1.7	1.7	.9	.6	.4	.4	.3	.0											.0								605	606	273	33	
12/75	.1	1.1	2.6	2.4	1.7	1.1	.6	.4	.2	.1																					770	770	498	150	
1/73	.2	2.8	3.5	2.6	1.3	.7	.4	.3	.1																						885	885	894	354	
2/71	.4	3.0	3.4	1.8	1.3	.4	.4	.1	.0																						799	799	1185	735	
3/69	.3	1.8	2.8	1.5	.8	.3	.3	.1																							586	587	1197	997	
4/67	.2	1.2	1.9	1.1	.5	.3	.1																								398	398	928	892	
5/65	.1	1.1	1.0	.7	.3	.2	.1																								258	258	787	877	
6/63	.0	.6	.5	.4	.1	.1																									136	136	592	818	
7/61	.0	.7	.3	.3	.1	.0																									113	113	401	688	
8/59	.0	.3	.4	.1	.1																										63	63	260	529	
9/57	.0	.3	.3	.0	.0																										42	42	155	362	
10/55		.2	.1	.0																											22	22	87	283	
11/53		.1	.0																												7	7	52	222	
12/51		.0	.0																												2	2	12	193	
1/49		.0																													1	1	5	122	
2/47		.0																													1	1	2	87	
3/45																																	1	59	
4/43																																		19	
5/41																																		2	
6/37																																		1	
TOTAL	1.3	13.8	19.1	16.1	12.1	9.7	7.9	6.8	6.4	4.3	2.0	.5	.0																		7433	7435	7433		
																																7433		7433	
Element (X)	Z <sub>g</sub> <sup>1</sup>	Z <sub>g</sub>	X	σ <sub>g</sub>	No. Obs.		Mean No. of Hours with Temperature					Total																							
Rel. Hum.	37457590	511700	68.8	17.327	7433		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	744																						
Dry Bulb	43625573	566731	76.2	5.576	7435				679.5	500.9	245.5	9.6	744																						
Wet Bulb	35211789	510081	68.6	5.291	7433				508.4	177.1	3.9		744																						
Dew Point	31070519	478032	64.3	6.636	7433				317.9	59.8	.6		744																						

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

CENTRAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1075 STATION ANDREWS AFB MD

69-70,73-80

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																	
6 / 85					.1																										1	1					
4 / 83					.2		.1																								3	3					
7 / 81						.3	.1																								4	4					
7 / 79			1.0	1.0	.5	.3																								26	26						
7 / 77		.3	2.0	1.8	.5	.2																								46	46	1					
7 / 75		1.9	4.4	3.0	1.3	.4	.1																							104	104	25					
4 / 73	.1	7.7	5.8	3.6	1.0	.3																								171	171	75	43				
7 / 71	.5	7.1	6.8	2.9	1.4	.4	.2																							180	182	159	120				
7 / 69	.1	6.4	6.3	1.5	.6	.1																								139	140	156	138				
7 / 67	.1	3.1	4.9	1.9	.8	.1																								101	101	160	132				
6 / 65		2.0	1.6	1.1	.3		.3																							50	50	121	129				
4 / 63		1.4	.8	.5	.2	.1																								28	28	72	105				
7 / 61	.1	1.2	1.8	.5		.1																								35	35	52	74				
7 / 59		1.1	.3	.2	.1	.1																								17	17	39	50				
7 / 57		.8	.4		.4																									15	15	29	48				
5 / 55		.1		.3	.1																									5	5	17	38				
4 / 53				.1	.1																									2	2	10	15				
2 / 51																																3	14				
5 / 49																																5	4				
7 / 47																															2						
4 / 45																																1	6				
4 / 43																																	5				
2 / 41																																	3				
4 / 39																																	3				
TOTAL	1.0	33.1	36.1	18.6	7.8	2.6	.9																											927	930	927	927
Element (X)	Σ X'		Σ X		Σ X		Σ X		No. Obs.		Mean No. of Hours with Temperature						Total																				
Rel. Hum.	6355452		76178		82.2		10.149		927		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																				
Dry Bulb	4673245		65767		70.7		4.909		930				77.8	35.5	1.6		93																				
Wet Bulb	4196387		62193		67.1		5.072		927				57.8	10.1			93																				
Dew Point	3940733		60179		64.9		6.062		927				43.4	4.3			93																				

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13.05 ANDREWS AFB MD

69-70,73-80

AUG  
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
81					.2													2	2		
79			.4		.6	.1												11	11		
77		.3	1.3	.9	.3													29	29		
75		2.1	3.0	1.5	.6	.6												73	73	10	
73	.1	6.6	4.9	3.5	1.0													148	148	53	24
71	.4	9.6	4.3	2.9	.6	.2												168	168	147	109
69	.9	9.2	6.0	1.9	.4	.2												172	175	156	153
67	.2	4.5	3.6	1.4	.8	.1	.1											99	100	147	119
65		4.4	1.8	1.9		.1	.3											80	82	129	114
63	.1	2.9	1.4	.3		.1												45	45	95	101
61		1.1	1.3	.6														28	28	54	105
59		1.1	1.4	.6		.1												30	30	45	45
57		1.3	.5	.1	.6													24	24	23	48
55		.8		.1	.2													10	10	31	35
53			.1		.1													2	2	19	26
51			.1		.2													3	3	1	17
49																				10	6
47																				2	3
45																				2	7
43																					1
41																					8
39																					1
37																					2
TOTAL	1.7	43.9	30.2	15.9	5.8	1.9	.4													930	924
																		924			924
Element (X)	Z <sub>X</sub> <sup>1</sup>	Z <sub>X</sub>	X	C <sub>X</sub>	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	6634580	77746	84.1	10.037	924	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	4500820	64528	69.4	5.035	930			70.6	26.3	.5		93									
Wet Bulb	4079292	61196	66.2	5.340	924			51.6	6.3			93									
Dew Point	3859368	59430	64.3	6.326	924			40.8	2.4			93									

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM 0-26-5 (OL A)

USAFETAC



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

13785 ANDREWS AFB MD  
STATION STATION NAME

69-70,73-80  
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			
47-93							.1	.4	.1									6	6					
57-91							.2	.5	.7	.1								14	14					
67-89						.4	2.0	.7	.1									29	29					
67-87					.1	1.0	2.0	1.4	.8	.2	.1							51	52					
67-85				.1	1.0	2.2	1.7	1.8	1.0									72	72					
47-83				.3	2.0	2.7	3.3	1.5	.5	.1								96	98					
57-81			.2	2.5	2.6	3.2	1.8	1.0	.2	.2								108	110					
57-79		.1	1.5	2.8	2.8	2.6	1.7	.7	.5									118	119	4				
77-77		.4	3.4	2.5	3.6	2.4	1.6	.3	.3									134	136	54				
767-75		.8	2.2	1.5	2.1	1.8	.7	.4										87	87	131	24			
747-73		1.2	2.6	1.1	1.3	1.8	.9	.2										84	85	185	87			
767-71		.8	1.2	1.1	.4	1.4	.7	.3										54	54	148	115			
767-69	.2	.1	.5	.4	.3	.8	.5	.2										29	29	126	145			
67-67		.2	.5	.3	.3	.3	.2	.2										20	20	94	119			
67-65		.4		.1	.3	.1	.4											13	13	52	96			
647-63							.1											1	1	50	88			
67-61						.1												1	1	34	73			
67-59		.3																3	3	18	52			
77-57																				11	30			
57-55																				8	26			
47-53																				4	23			
527-51																				1	16			
507-49																					8			
407-47																					5			
407-45																					6			
647-43																					4			
427-41																					3			
TOTAL	.2	4.3	12.2	12.8	16.8	20.4	16.1	10.4	5.0	1.3	.3							920	929	920	920			

Element (X)	$\Sigma x^1$	$\Sigma x$	$\bar{x}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					
Rel. Hum.	4008468	59456	64.6	13.442	920	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total	
Dry Bulb	5848900	73510	79.1	5.890	929	91.2	80.9	44.4	.6	93	
Wet Bulb	4581759	64765	70.4	4.950	920	75.0	37.8			93	
Dew Point	4006819	60423	65.7	6.465	920	89.8	11.2			93	

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13775 ANDREWS AFB MD

69-70,73-80

AUG  
 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
96/ 97										.2	.3						5	5		
96/ 95									.3	.2	1.3	.4	.1				22	22		
94/ 93								.4	1.0	1.3	.5	.2					32	32		
92/ 91						.1	.9	.8	2.0	.8	.7	.2					49	50		
90/ 89					.1	.4	1.5	2.4	2.6	1.5	.2						81	81		
88/ 87					.1	2.2	2.0	3.0	3.1	1.3	.7						114	114		
86/ 85				.1	1.4	3.1	2.8	4.0	1.7	.9	.4						134	135		
84/ 83				1.0	2.3	2.3	2.5	1.4	.8	.2							96	98		
82/ 81				1.5	.9	1.8	2.5	2.6	1.0	.2							97	100	3	
80/ 79			1.0	1.6	.7	2.7	2.0	1.2	.9	.1							93	93	32	1
78/ 77	.1	1.3	.4	1.1	.4	2.2	1.0	1.2	.1								72	72	108	7
76/ 75	.1	.5	.1	.5	.2	.5	2.3	.4									44	44	149	25
74/ 73	.3	.8	.4	.5	.2	.3	.7	.2	.1								33	33	162	93
72/ 71	.3	.8	.7	.8		.2	.2	.2	.1								28	28	131	101
70/ 69	.7	.1	.1			.2	.2	.1									13	13	105	99
68/ 67		.5				.2	.2	.1									7	7	84	126
66/ 65																			55	107
64/ 63																			40	88
62/ 61																			26	81
60/ 59	.3																3	3	13	53
58/ 57																			10	44
56/ 55																			5	22
54/ 53																				21
52/ 51																				28
50/ 49																				9
48/ 47																				9
46/ 45																				4
44/ 43																				2
42/ 41																				2
40/ 39																				1
TOTAL		1.8	5.0	6.0	8.3	13.5	17.8	19.9	15.5	7.0	4.1	.9	.1				923	930	923	923
Element (X)	Z <sub>X</sub> <sup>1</sup>	Z <sub>X</sub>	X	C <sub>X</sub>	No. Obs.	Mean No. of Hours with Temperature					Total									
Rel. Hum.	3027484	51422	55.7	13.283	923	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93								
Dry Bulb	6501870	77544	83.4	6.242	930			92.7	87.9	68.5	5.9	93								
Wet Bulb	4746194	66028	71.9	4.972	923			78.0	45.7	1.0		93								
Dew Point	3974244	60246	65.3	6.739	923			45.5	12.7			93								

USAFETAC FORM 34 JUL 64 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1375 STATION ANDREWS AFB MD 69-70,73-80 YEARS AUG 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
99/ 97																		4	4		
6/ 95										.2	.4	.7	.3	.2				17	17		
4/ 93										.1	.7	2.2	.7	.1				34	34		
2/ 91										.3	1.2	2.0	1.1	.7	.4			52	53		
7/ 89										.4	.9	2.6	2.3	2.1	.8	.2		85	85		
8/ 87										2.2	2.2	3.7	2.4	1.0	.5			110	110		
6/ 85				.1	.1	1.4	3.1	2.8	2.7	1.2	1.4	.2						121	123		
1/ 83				.1	.9	1.1	2.4	2.0	1.6	1.4	.8	.1						95	96		
1/ 81				.2	1.1	1.5	1.4	2.9	2.1	1.0	.2							96	98		2
4/ 79				.1	.3	1.1	1.1	2.0	1.8	2.2	.7	.2						87	88	22	1
7-/ 77				.2	1.1	.9	.4	1.0	1.1	2.1	.8	.5						74	74	89	4
76/ 75				.7	.7	.9	.7	.2	.4	1.6	.3							50	50	156	28
74/ 73				.4	1.1	.4	1.0	.1	.3	.4	.5							40	40	175	78
72/ 71		.1	.8	.9	.3	.2	.3		.3									27	27	121	88
7-/ 69			1.2	.4	.4			.1	.1									21	21	121	113
6/ 67			.2	.2														4	4	96	142
6/ 65			.1															1	1	50	98
4/ 63																				41	89
2/ 61																				27	77
4/ 59				.3														3	3	10	60
1/ 57																				11	38
56/ 55																					37
4/ 53																					28
2/ 51																					13
56/ 49																					8
4/ 47																					9
46/ 45																					7
42/ 41																					3
TOTAL	.1	4.0	5.1	6.1	7.4	13.1	14.9	20.7	13.4	9.9	3.6	1.3	.4					921	928	921	921
Element (X)	Σ X'		Σ X		Σ X		Σ X		No. Obs.		Mean No. of Hours with Temperature					Total					
Rel. Num.	3117681		51843		56.3		14.724		921		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F					
Dry Bulb	6451172		77148		83.1		6.367		928				92.6	87.4	66.9	5.5	93				
Wet Bulb	4716104		65762		71.4		4.722		921				79.0	44.8	.6		93				
Dew Point	3951786		60028		65.2		6.561		921				45.8	11.2	.1		93				

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



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

13705 ANDREWS AFB MD

69-70,73-80

AUG  
 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		
6/ 95													.1							1	1		
4/ 93													.1							4	4		
2/ 91													.3							3	3		
0/ 89								.3	.4	.4	.3	.1	.3							18	18		
8/ 87							.6	1.3	.6	.6	.1									31	31		
6/ 85					.8	.5	1.1	1.7	.4	.1	.1									44	44		
4/ 83			.2	1.0	2.2	2.3	1.7	1.2	.3											82	82		
2/ 81			.5	2.3	1.8	1.7	.6	.8	.6	.1										79	80		
0/ 79			1.1	2.9	3.6	3.5	1.3	.5	.3											122	122	8	
72/ 77		.3	2.6	3.0	2.9	1.7	1.0	.3	.3											113	113	37	4
6/ 75		1.2	3.9	3.1	2.2	1.6	1.1	.5	.3											129	131	97	24
74/ 73	.1	2.4	3.7	3.1	1.2	1.0	1.0	.1												116	116	141	74
72/ 71	.2	2.7	2.4	.8	1.5	.5	.9		.1											84	84	184	106
70/ 69		.9	2.3	.8	.6	.8	.1	.1												51	51	158	155
68/ 67		.5	.1	.2	.2	.2	.3	.1												16	16	105	132
66/ 65		.3	.9	.6	.3	.2														22	22	71	114
64/ 63			.2	.2	.1	.2														7	7	47	86
62/ 61		.1																		1	2	38	62
60/ 59			.1		.1															2	2	22	48
58/ 57					.1															1	1	6	32
56/ 55																						7	28
54/ 53																						3	30
52/ 51																						1	13
50/ 49																						1	4
48/ 47																							2
46/ 45																							8
44/ 43																							2
42/ 41																							2
TOTAL	.3	8.4	17.9	18.0	17.6	15.0	11.0	6.6	3.8	.8	.4		.1							926	930	926	
Element (X)	Z <sub>g</sub>	Z <sub>g</sub>	X	g <sub>s</sub>	No. Obs.	Mean No. of Hours with Temperature					Total												
Rel. Hum.	4584202	63826	68.9	14.138	926	± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	93											
Dry Bulb	5586526	71880	77.3	5.767	930			89.6	74.5	32.4	.5	93											
Wet Bulb	4541677	64701	69.9	4.756	926			73.3	28.4			93											
Dew Point	4043809	60921	65.8	6.226	926			49.7	10.2			93											

USAFETAC FORM 0-26-5 (OLA) REVISE PREVIOUS EDITIONS OF THIS FORM AND CALCULATE

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13705  
 STATION

ANDREWS AFB MD  
 STATION NAME

69-70, 73-80  
 YEARS

YEARS

AUG  
 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																		
86/ 85					.3																											3	3					
84/ 83					.1	.4	.1																									6	6					
82/ 81		.1	.2	1.3	.4	.8	.5																									31	31					
80/ 79			1.5	2.8	1.1	.5		.1																								56	56	1				
78/ 77		.4	2.3	1.5	1.5	.9	.1																									62	62	5				
76/ 75		3.1	5.4	6.5	1.8	1.5	.2																										172	172	41			
74/ 73		5.0	5.3	4.3	1.6	.6		.1																									157	159	111			
72/ 71	.2	6.5	5.6	2.5	1.8	.9	.1																										163	164	157			
70/ 69		4.3	5.0	1.7	1.0	.4	.1																										116	116	178			
68/ 67	.1	1.4	2.2	1.4	.9	.2																											57	57	145			
66/ 65	.1	.6	1.4	.9	.8		.3																										38	38	101			
64/ 63		.6	1.4	.8	.3																												29	29	61			
62/ 61		.8	1.0	.4		.3																											23	23	41			
60/ 59		.1	.5		.1																												7	7	46			
58/ 57		.1		.1																													2	2	17			
56/ 55				.2	.3																												5	5	10			
54/ 53																																		6	6	21		
52/ 51																																		4	4	13		
50/ 49																																		1	1	2		
48/ 47																																		2	2	1		
46/ 45																																				3	3	
44/ 43																																				6	6	
42/ 41																																				3	3	
TOTAL		.423	1.131	7.24	4.12	1.6	6.6	1.5	.2																										927	930	927	
Element (X)		Σ <sub>1</sub>	Σ <sub>2</sub>	Σ <sub>3</sub>	Σ <sub>4</sub>	Σ <sub>5</sub>	Σ <sub>6</sub>	Σ <sub>7</sub>	Σ <sub>8</sub>	No. Obs.	Mean No. of Hours with Temperature						Total																					
Rel. Hum.		5876892	73136	78.910	7.39					927	≤ 67 F	≤ 72 F	≤ 77 F	≤ 82 F	≤ 87 F	≤ 92 F																						
Dry Bulb		4910963	67429	72.5	4.874					930		82.6	48.9	6.7																						93		
Wet Bulb		4312235	63061	68.0	4.917					927		68.0	15.9	.1																						93		
Dew Point		4001019	60649	65.4	5.975					927		67.8	6.2																							93		

USAFETAC FORM 0-26-5 (OL A) REVERSE NUMERICAL ORDERS OF THE POINTS ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 AFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13775 ANDREWS AFB MD

69-70,73-80

AUG  
 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
8/ 97									.0	.0	.0	.0					9	9		
6/ 95								.1	.1	.2	.1	.1					40	40		
4/ 93								.1	.3	.5	.2	.0					76	76		
2/ 91						.0	.1	.3	.6	.3	.2	.1					118	120		
1/ 89					.0	.1	.4	.9	.7	.5	.2	.0					213	213		
8/ 87					.0	.7	.9	1.1	.9	.3	.2						306	307		
6/ 85			.0	.0	.6	1.1	1.1	1.3	.5	.3	.1						379	382		
4/ 83			.0	.4	1.0	1.3	1.3	.7	.4	.1	.0						383	388		
2/ 81		.0	.2	1.1	1.1	1.7	1.1	.8	.4	.1							437	445	5	
1/ 79		.0	.9	1.6	1.5	1.6	.9	.6	.3	.0							549	551	67	3
7-/ 77		.4	2.1	1.6	1.5	1.0	.8	.5	.3	.1							610	613	297	17
7-/ 75	.0	1.6	3.0	2.5	1.4	.9	.4	.6	.1								782	785	635	119
7-/ 73	.1	3.8	3.5	2.5	1.0	.6	.3	.2	.1	.0							894	897	1010	489
7-/ 71	.2	4.4	3.4	1.7	1.0	.5	.3	.1	.0	.0							863	868	1192	889
7-/ 69	.2	3.5	3.1	1.1	.6	.3	.1	.1	.0								668	674	1173	1091
6-/ 67	.1	1.6	1.8	.9	.4	.1	.1	.0									376	379	976	1036
6-/ 65	.0	1.3	.9	.8	.3	.0	.2										261	263	675	894
6-/ 63	.0	.8	.6	.3	.2	.1	.0										153	153	478	750
6-/ 61	.0	.4	.6	.3	.0	.1											101	102	325	609
6-/ 59	.0	.5	.4	.1	.0	.1											85	85	226	409
5-/ 57	.0	.3	.1	.0	.2												51	51	133	336
5-/ 55	.1	.0	.0	.1	.1												26	26	96	248
4-/ 53			.0	.0	.0												4	4	54	179
3-/ 51			.0	.0	.0												5	5	14	130
50/ 49																			22	50
4-/ 47																			7	33
4-/ 45																			4	45
4-/ 43																				24
4-/ 41																				29
4-/ 39																				6
3-/ 37																				3
TOTAL		.718	.720	.815	.211	.1	9.8	8.0	7.3	4.7	2.4	1.1	.3	.1				7436		7389
																		7389		7389
Element (X)	Z <sub>1</sub>	Z <sub>2</sub>	I	Q <sub>1</sub>	No. Obs.	Mean No. of Hours with Temperature				Total										
Rel. Hum.	39698256	527750	71.4	16.471	7389	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	744								
Dry Bulb	43247006	564220	75.9	7.656	7436			675.1	482.9	225.3	12.5	744								
Wet Bulb	35382104	509776	69.0	5.357	7389			539.2	202.8	1.7		744								
Dew Point	31704220	481728	65.2	6.349	7389			366.9	63.2	.1		744								

FORM 0-26-5 (OL A) AIR WEATHER SERVICE REPORT OF THIS FORM USE DISCRETE  
 USAFETAC

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB MD

69-70,73-80

SEP  
 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
79			.3	.4	.1	.1												9	9		
77			.6	.7	.2													13	15		
75		.6	2.2	1.7	.1													41	42	7	
73		3.1	3.5	1.0	.1	.1												70	71	23	11
71	.4	3.2	4.5	.2	1.2	.2	.3											91	92	70	52
69	1.0	2.7	4.9	1.6	.7	.2	.2											101	101	85	72
67	.7	1.2	3.6	2.0	.3	.3	.2											75	75	83	67
65	.8	3.8	2.5	1.5	.9	.6												89	89	53	80
63	.3	3.5	3.4	.3	.7	.3												76	76	101	48
61		3.9	2.2	1.6	.8													76	76	78	76
59	.3	2.2	4.5	1.2	.6													79	79	90	82
57	.4	1.2	2.5	1.5	.2	.1												53	53	66	80
55	.1	1.5	1.7	1.0	.3	.1												42	42	66	53
53	.1	1.3	1.2	.4	.8													35	35	51	49
51	.1	.1	.8	.4														13	13	43	67
49		.4	1.0	.1														14	14	26	38
47		.6	.4															9	9	26	34
45		.3	.2	.2														7	7	17	37
43				.1														1	1	6	18
41																					9
39																				3	14
37																					4
33																					2
31																					1
TOTAL	4.4	29.8	39.9	16.0	7.0	2.1	.8											894	899	894	894
Element (X)	Z <sub>g</sub>	Z <sub>h</sub>	Z <sub>i</sub>	Z <sub>a</sub>	No. Obs.	Mean No. of Hours with Temperature															
Rel. Num.	5997742	72600	81.2	10.689	894	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	3837055	58375	64.9	7.202	899			40.5	13.7	.3		90									
Wet Bulb	3415195	54855	61.4	7.396	894			27.0	3.0			90									
Dew Point	3161290	52618	58.9	8.920	894			20.3	1.3			90									

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB MD

69-70,73-80

SEP  
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	
79			.1			.1												2	2			
77			.8	.2														9	9			
75		.2	1.2	.6														18	18	4		
73		2.2	2.9	.3		.1												50	50	11	5	
71	.3	4.1	4.3	.9	.4													91	91	55	27	
69	.7	3.8	3.9	.6	1.0		.1											90	91	79	75	
67	1.1	4.0	3.3	.9	.3													87	89	80	75	
65	.7	3.3	1.4	2.1	.9	.3												79	79	73	79	
63	.6	4.7	2.6	2.0	.4	.1												93	93	81	63	
61	.2	4.5	3.7	.7	.2													83	83	75	63	
59	.4	3.0	2.5	1.2	.6													69	69	104	73	
57	.6	3.1	2.6	.8	.1													64	64	72	86	
55		1.7	1.3	.9	.1	.1												37	37	64	69	
53	.1	1.6	2.5	.6	.1													43	43	51	58	
51	.1	.7	2.1	.6														31	31	44	51	
49		.9	1.0	.9														25	25	30	40	
47		1.1	.9	.3														21	21	31	37	
45		.2																2	2	28	32	
43			.1															1	1	11	26	
41			.2															2	2	1	15	
39																				1	10	
37																				2	8	
35																					2	
33																					2	
31																					1	
TOTAL	4.8	39.1	37.5	13.5	4.2	.8	.1												897	900	897	897
Element (X)	Z <sub>X</sub> '	Z <sub>X</sub>	X	C <sub>X</sub>	No. Obs.	Mean No. of Hours with Temperature					Total											
Rel. Hum.	6315404	74750	83.3	9.811	897	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb	3673990	57130	63.9	7.269	900			35.0	7.9			90										
Wet Bulb	3326808	54208	60.4	7.530	897			23.0	1.5			90										
Dew Point	3108108	52248	58.2	8.509	897		.1	18.3	.5			90										

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB MD  
STATION STATION NAME

69-70,73-80  
YEARS

SEP  
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
84/ 83				.1	.2													3	3					
84/ 79			.1	.4														5	5					
78/ 77			.8	1.0	.3													19	19	1				
76/ 75		.2	1.8	1.6	.4	.1												37	37	5	1			
74/ 73		2.1	2.3	1.3	.2	.1												55	55	19	5			
72/ 71	.1	3.3	3.3	.7	.3	.2	.2											74	74	55	38			
70/ 69	.1	3.6	5.7	1.6	.8	.2												107	108	83	70			
68/ 67	1.0	2.9	3.5	1.9	.2	.2												87	88	81	69			
67/ 65	.3	3.0	2.8	2.2	1.2	.1												87	87	83	85			
64/ 63	.2	3.9	2.6	1.7	.9	.6												88	88	79	60			
62/ 61	.2	2.8	3.7	1.7	.8	.1												83	83	86	67			
60/ 59	.2	4.1	2.8	1.3	.8													83	83	83	82			
58/ 57	.4	1.7	1.6	1.6	.4													51	51	96	82			
56/ 55		1.0	1.8	.8	.3													35	35	62	71			
54/ 53		.9	1.6	.6	.1													28	28	41	61			
52/ 51	.1	.1	1.3	.8														21	21	41	44			
50/ 49		.8	.7	.2	.1													16	16	26	39			
48/ 47		.8	.3															10	10	25	41			
46/ 45		.3	.3															6	6	22	29			
44/ 43			.1															1	1	4	21			
42/ 41				.1														1	1	3	14			
40/ 39																				1	9			
38/ 37																				1	4			
36/ 35																					2			
34/ 33																					1			
32/ 31																					2			
TOTAL	2.8	31.5	37.0	19.5	7.2	1.7	.2											897	899	897	897			
Element (X)	Σ X'		Σ X		Σ X	Σ X	No. Obs.	Mean No. of Hours with Temperature										Total						
Rel. Hum.	6032910		72938		81.3	10.502	897	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total										
Dry Bulb	3801106		58102		64.6	7.157	899			38.9	11.9	.4	90											
Wet Bulb	3397157		54813		61.1	7.296	897			24.3	2.5	90												
Dew Point	3147587		52607		58.6	8.339	897			.2	18.4	.6	90											

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13775      ANDREWS AFB MD      69-70,73-80      SEP  
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							.2											2	2		
92/ 91								.3										3	3		
91/ 89						.1	.1	.3										5	5		
89/ 87						.1	.3	.1	.1									6	6		
86/ 85				.1	.4	.9	.6	.7	.1	.1								26	26		
84/ 83			.2	1.3	1.5	.8	.7	.2	.2									44	44		
82/ 81		.2	.8	1.3	1.1	1.3	.3	.6										51	51	3	
80/ 79		.2	1.3	1.6	1.2	1.0	.6	.2	.1									61	61	8	
78/ 77		.4	1.0	1.0	2.0	.9	.6	.6	.2									60	60	10	
76/ 75		.2	1.3	1.6	1.2	1.9	1.0	1.0										76	77	42	
74/ 73		.7	1.5	1.9	1.2	2.2	1.6	.3	.4									88	88	72	
72/ 71		.8	2.3	2.0	2.1	1.9	.9	.4	.1									95	95	68	
70/ 69	.1	.7	1.8	1.2	2.7	1.9	1.5	.6	.1									94	94	78	
68/ 67	.2	.6	1.8	2.0	1.3	1.2	1.0	.2										75	76	77	
66/ 65	.3	1.3	1.0	1.9	1.7	.9	.6											69	69	96	
64/ 63	.3	.8	.9	1.1	1.0	.9	.9											53	53	111	
62/ 61		.7	.2	1.5	.9	1.0	.3											41	41	81	
60/ 59	.1	.7	.2	.6	.9	.4	.1											27	27	72	
58/ 57		.2	.1	.3	.2	.2	.3											13	13	66	
56/ 55					.2	.2	.1											5	5	39	
54/ 53						.1												1	1	27	
52/ 51						.1												1	1	26	
50/ 49																				10	
48/ 47																				2	
46/ 45																				7	
44/ 43																				1	
42/ 41																				14	
40/ 39																				10	
38/ 37																				1	
36/ 35																				2	
34/ 33																				3	
32/ 31																				3	
30/ 29																				1	
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma^2$	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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





FEDERAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13745 ANDREWS AFB MD

69-70,73-80

SEP  
 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
8/ 97													.2				2	2	
6/ 95							.1			.1	.4						6	6	
4/ 93							.1		.2	.4	.1						8	8	
2/ 91					.1			.4	.8	.9							20	20	
1/ 89						.4	.6	1.0	.4	.1		.1	.1				25	25	
8/ 87					.1	.6	1.1	1.8	.7	.4	.6	.2					49	49	
6/ 85					.2	2.0	1.8	1.1	.4	.3	.6	.1					59	59	
4/ 83				.1	.8	1.0	1.6	1.7	.6	.4	.1						56	56	3
2/ 81			.1	.6	1.7	.7	2.0	1.3	.7	.6	.2	.1					71	71	1
8/ 79			.3	1.0	.6	1.7	1.0	1.3	1.2	.2	.1						67	67	3
7/ 77		.2	.7	.9	1.7	1.8	1.9	1.9	.9	.3	.1						93	94	23
76/ 75			.3	.3	2.1	1.9	1.2	1.3	.9	.4							77	77	81
74/ 73		.4	.7	.8	1.2	1.0	2.0	1.2	1.2	.4	.1						82	82	87
72/ 71		.2	.7	1.0	1.3	1.3	1.3	1.3	.8	.1							73	73	59
70/ 69	.2	.7	.7	1.1	1.2	1.3	1.4	.4	.2	.1							67	67	92
68/ 67		.1	1.0	.8	1.2	.9	.7	.7	.2								50	50	88
6/ 65		.7	.3	.4	.7	.3	1.9	.6	.1								45	45	89
4/ 63	.3	.3	.2	.6	.2	.8	.2	.1									25	25	97
2/ 61		.1		.1	.4		.2	.2									10	10	75
8/ 59	.3			.1			.2	.2									8	8	70
6/ 57		.1				.1	.2										4	4	51
56/ 55		.2															2	2	27
4/ 53																			35
2/ 51																			8
50/ 49																			2
48/ 47																			9
46/ 45																			
44/ 43																			
42/ 41																			
40/ 39																			
38/ 37																			
36/ 35																			
34/ 33																			
Element (X)	Σ x <sup>2</sup>	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 AIR 34 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB MD  
 STATION STATION NAME

69-70,73-80  
 YEARS

SEP  
 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
08/ 97												.1						1	2		
07/ 95												.3						3	4		
04/ 93								.1		.4	.2							7	7		
02/ 91								.2	.9	.8	.4	.1		.2				24	24		
02/ 89							.2	.9	.7	.4	.1	.1						22	23		
08/ 87			.1			.4	.8	1.2	.6	.6	.6	.3	.1					42	42		
06/ 85						1.3	1.6	1.0	.7	.2	.2	.1						46	46		
04/ 83				.1	1.4	2.1	1.3	.9	1.0	.7	.2	.1						71	71	1	
02/ 81				.1	1.1	.8	.7	1.1	.7	.9	.1	.6						54	54		1
08/ 79			.6	1.2	.8	2.7	2.3	2.1	.8	.1	.1							96	96	1	
07/ 77		.1	.4	1.0	1.2	1.7	2.0	1.3	.7	.2	.4							82	82	17	
06/ 75		.3	.9	.9	1.3	1.0	1.1	1.7	1.1	.2								77	77	67	3
04/ 73		.3	1.1	.9	1.2	1.9	1.1	1.9	1.1	.6	.1							92	92	87	14
02/ 71	.1	.3	.6	.6	.6	1.2	1.2	1.4	.7									60	60	83	61
08/ 69		.4	.9	1.3	1.9	1.4	1.2	.4	.8									76	76	82	77
06/ 67	.4	.4	.8	.7	.9	.7	1.0	.6	.1									50	50	95	65
06/ 65	.2	1.1	.3	.9	.8	.8	1.0	1.0										55	55	85	60
04/ 63	.1	.2	.1	.4	.6	.3		.1										17	17	101	84
02/ 61		.1	.1	.1	.3			.1										7	7	73	71
08/ 59	.3	.1					.2	.3										9	9	76	64
07/ 57		.3					.3											6	6	58	61
06/ 55																				35	64
04/ 53																				17	52
02/ 51																				9	54
08/ 49																				1	39
06/ 47																				7	32
04/ 45																				2	33
04/ 43																					18
02/ 41																					17
08/ 39																					12
06/ 37																					5
04/ 35																					3
03/ 33																					4
02/ 31																					3
Element (X)	Σ x'		Σ x		x̄		s <sub>n</sub>		No. Obs.		Mean No. of Hours with Temperature						Total				
Rel. Hum.											≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F					
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB MD

69-70,73-80

SEP  
 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
04/ 93										.1							1	1			
07/ 91									.1								1	1			
08/ 89								.1									2	2			
08/ 87							.2	.4				.1					7	7			
06/ 85					.1	.7	.4	.2									13	13			
04/ 83				.1	.2	.6	.3	.3	.1								18	18			
02/ 81				.7	.6	.7	.3	.3	.2	.1							26	26			
07/ 79			.6	1.6	1.2	.9	.4	.6	.2	.1	.1						51	51			
07/ 77			1.4	1.3	1.8	.4	.8	.7	.2	.1							61	61	5		
06/ 75		.6	2.0	3.4	1.2	1.1	.7	.6	.2								88	88	27	1	
04/ 73		1.4	1.9	1.7	1.1	1.4	.2	.4	.3	.1							78	78	66	26	
02/ 71		.8	3.3	1.9	1.6	.8	1.0	.3									87	87	68	55	
07/ 69	.1	.9	3.4	2.7	1.9	1.2	.3	.1	.2								98	98	82	62	
07/ 67	.1	1.6	2.0	1.4	2.2	.8	.8	.3									83	83	75	66	
06/ 65	.9	1.6	1.4	2.4	1.9	1.1	.6	.3									92	92	112	85	
04/ 63	.1	.6	2.2	1.1	1.7	.8	.2										60	60	98	61	
02/ 61		.6	1.6	1.3	1.2	.4	.4										50	50	72	80	
01/ 59	.3	.8	.9	1.0	.8	.3	.1										38	38	87	75	
08/ 57	.3	.7	.4	.4	.3	.1											21	21	75	85	
05/ 55		.2		.2	.1	.2											7	7	51	59	
04/ 53	.1	.2	.3		.2	.1											9	9	36	50	
02/ 51			.2	.1	.1												4	4	16	60	
08/ 49				.2	.1												3	3	15	34	
08/ 47																			5	32	
04/ 45		.1															1	1	4	16	
04/ 43																			4	18	
02/ 41																			1	14	
08/ 39																				8	
03/ 37																				6	
06/ 35																				3	
04/ 33																				2	
02/ 31																				1	
TOTAL	2.0	9.9	21.8	21.7	18.4	11.7	6.9	4.6	2.2	.6	.2	.1					899	899	899	899	
Element (X)	ΣX <sup>2</sup>	ΣX	X	σ <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.	4604193	62943	70.0	14.822	899	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	4485002	63152	70.2	7.369	899			61.5	34.6	9.3	.1	90									
Wet Bulb	3698253	57335	63.8	6.809	899			32.3	9.8			90									
Dew Point	3241974	53446	59.5	6.480	899			.1	21.0	2.7		90									

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 ATR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB MD

69-70,73-80

SEP

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
6/ 85							.1											1	1		
4/ 83							.1											1	1		
2/ 81					.2	.1												5	5		
1/ 79			.1	.6	.6	.4												15	15		
7/ 77			1.3	1.0	.9	.2	.1											32	33		
6/ 75		1.1	4.4	1.9	.4	.2	.3											75	76	7	
4/ 73		1.2	3.1	1.0	.6	1.2			.1									65	65	40	11
2/ 71	.3	1.7	5.5	2.0	1.2	.7	.2	.2										106	106	81	47
1/ 69	.3	1.7	2.8	1.7	.9	.7	.4	.1										77	77	67	71
6/ 67	.2	1.6	4.1	1.5	1.1	.4	.2											82	82	77	75
6/ 65	.6	1.9	3.9	2.3	1.3	.2												92	92	78	71
4/ 63	.1	2.2	2.3	2.7	.7	.3												75	75	91	51
2/ 61		2.6	2.7	1.9	.9	.7	.1											79	79	85	79
1/ 59	.2	1.5	2.9	1.8	.8	.4												68	68	81	73
7/ 57	.6	1.1	2.0	1.2	.2	.1												47	47	90	89
5/ 55		.4	1.5	.8	.3													27	27	58	58
4/ 53	.3	.7	.4	.3	.1													17	17	54	73
2/ 51	.2	.3	1.0	.2	.1													17	17	32	48
5/ 49		.1	.2		.2													5	5	21	41
4/ 47		.3	.1	.1														5	5	18	40
4/ 45		.2	.3															5	5	7	23
4/ 43																				5	15
4/ 41																				4	11
4/ 39																					16
3/ 37																					1
3/ 33																					3
TOTAL	2.9	18.6	38.7	21.0	10.6	5.9	1.8	.3	.1									896	898	896	896
Element (X)	Z <sub>g</sub>	Z <sub>w</sub>	Z <sub>d</sub>	Z <sub>s</sub>	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	5510907	69455	77.5	11.911	896	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	4013268	59684	66.5	7.198	898			46.2	19.6	1.9		90									
Wet Bulb	3492405	55575	62.0	7.117	896			27.3	4.7			90									
Dew Point	3175927	52823	59.0	8.309	896			20.5	1.1			90									

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

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB MD

69-70,73-80

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
8/ 97																		3	4		
6/ 95								.0		.0	.1							9	10		
4/ 93								.0	.0	.1	.2							18	18		
2/ 91						.0		.1	.2	.2	.1	.0				.0		48	48		
1/ 89						.0	.1	.2	.2	.1	.0	.0	.0	.0				54	55		
18/ 87			.0		.0	.1	.3	.4	.2	.1	.1	.1	.0					104	104		
16/ 85				.0	.1	.6	.6	.3	.2	.1	.1	.0						145	145		
4/ 83				.1	.5	.6	.5	.4	.3	.2	.0	.0						193	193	4	
22/ 81		.0	.0	.3	.6	.4	.6	.4	.3	.2	.0	.1						207	207	3	2
20/ 79			.3	.9	.6	.9	.6	.6	.3	.1	.0							306	306	12	3
78/ 77		.1	.9	.9	1.0	.6	.7	.6	.3	.1	.1							369	373	56	7
76/ 75		.4	1.8	1.5	.9	.8	.5	.6	.3	.1								489	492	240	13
74/ 73		1.4	2.1	1.1	.7	1.0	.6	.5	.4	.1	.0							580	581	405	114
72/ 71	.2	1.8	3.1	1.2	1.1	.8	.7	.5	.2	.0								677	678	539	392
70/ 69	.3	1.8	3.0	1.5	1.4	.9	.7	.2	.2	.0								710	712	648	563
68/ 67	.5	1.5	2.5	1.4	1.0	.6	.5	.2	.0									589	593	656	563
66/ 65	.5	2.1	1.7	1.7	1.2	.5	.5	.2	.0									608	608	669	579
4/ 63	.3	2.0	1.8	1.2	.8	.5	.2	.0										487	487	759	526
2/ 61	.1	1.9	1.8	1.1	.7	.3	.1	.0										429	429	625	585
1/ 59	.3	1.5	1.7	.9	.5	.2	.1	.1										381	381	663	584
8/ 57	.3	1.1	1.1	.7	.2	.1	.1											259	259	574	621
56/ 55	.0	.6	.8	.5	.2	.1	.0											155	155	402	518
54/ 53	.1	.6	.8	.2	.2	.0												133	133	312	441
52/ 51	.1	.2	.7	.3	.0	.0												87	87	219	408
50/ 49		.3	.4	.2	.1													63	63	131	310
48/ 47		.3	.2	.1														45	45	123	271
46/ 45		.2	.1	.0														21	21	87	234
44/ 43			.0	.0														3	3	31	148
42/ 41			.0	.0														3	3	9	116
40/ 39																				5	91
38/ 37																				3	32
36/ 35																					17
34/ 33																					25
32/ 31																					11
Element (X)	Σ X'	Σ X	X	c <sub>A</sub>	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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





GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13785      ANDREWS AFB MD      69-70,73-80      OCT

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	.1	.2		.1											7	7	2		
72/ 71		.1	.1	.3	.5												10	10	1	3	
70/ 69		.3	.5	.5	.4												17	17	3	2	
68/ 67		1.1	.8	1.2	.1		.1										30	30	11	4	
66/ 65	.1	2.2	1.2	.5		.3											40	40	22	16	
64/ 63	.1	2.8	1.2	.5	.3												46	46	45	21	
62/ 61	.5	3.1	1.8	1.6	.9	.1		.2									77	77	55	39	
60/ 59	.2	2.8	2.6	.8	.3	.5	.1										68	68	49	53	
58/ 57	.1	1.6	3.0	1.0	.6	.2											61	61	55	55	
56/ 55	.2	1.7	2.2	1.7	.9	.2											64	64	55	40	
54/ 53	.2	1.7	2.4	1.7	1.1	.4											70	70	59	42	
52/ 51	.2	1.6	2.8	1.9	.8												68	68	56	63	
50/ 49		1.6	3.3	2.4	.5												73	73	60	40	
48/ 47		2.4	2.2	1.8	1.0												68	68	79	42	
46/ 45		1.7	2.5	1.5	.2												55	55	77	57	
44/ 43		1.7	2.2	.8	.6												49	49	74	47	
42/ 41	.1	1.4	2.0	1.0	.3												45	45	56	74	
40/ 39		.5	1.4	.5	.3												26	26	51	75	
38/ 37		1.3	.9	.4	.2												26	26	34	51	
36/ 35		.5	1.1	.1	.1												17	17	39	44	
34/ 33		.2	.2	.1													5	5	16	38	
32/ 31		.5	.3														8	8	17	44	
30/ 29																			11	20	
28/ 27																			3	18	
26/ 25																				20	
24/ 23																				7	
22/ 21																				5	
20/ 19																				7	
16/ 15																				3	
TOTAL	1.8	31.3	34.6	20.6	9.2	1.9	.2	.2										930	930	930	
																		930		930	
Element (X)	Σ X'		Σ X		X	X'	No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.	5523016		70632		75.8	13.067	930		≤ 0 F	≤ 32 F	≤ 47 F	≤ 73 F	≤ 80 F	≤ 93 F	Total						
Dry Bulb	2704715		49437		53.2	9.089	930			.8	6.4	.7			93						
Wet Bulb	2350664		45948		49.4	9.311	930			3.1	1.7	.2			93						
Dew Point	2037972		42294		45.5	11.104	930			12.4	.9				93						

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13705 STATION      ANDREWS AFB MD      STATION NAME      69-70,73-80      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
74/ 73		.2	.3														5	5		
72/ 71																			5	2
70/ 69		.4	.8	.2	.3												16	16	1	3
68/ 67	.1	.6	1.2	.9	.2												28	28	4	3
66/ 65	.2	1.4	1.4	.1	.2												31	31	24	14
64/ 63	.6	4.4	.5	.9	.1	.1											62	62	38	18
62/ 61	.5	1.6	2.5	.9	.1												52	52	61	42
60/ 59	.5	2.7	.8	1.0		.4	.2										52	52	37	49
58/ 57	.1	2.3	2.0	.3	.3	.6											53	53	55	41
56/ 55	.2	3.2	1.4	1.1	.6	.3											64	64	43	46
54/ 53	.1	3.2	2.3	1.7	.5	.2											75	75	60	49
52/ 51		.9	3.5	1.8	.9												66	66	40	54
50/ 49	.1	1.6	4.6	1.3	.6												77	77	56	42
48/ 47		2.4	2.5	1.5	.6												65	65	88	22
46/ 45		2.6	3.1	1.7	.1												70	70	80	56
44/ 43	.1	1.9	1.8	1.3	.3												51	51	75	57
42/ 41		1.7	1.8	.9	.2												43	43	68	74
40/ 39	.3	2.4	1.5	.5	.3												47	47	50	81
38/ 37		1.5	1.0	.8													30	30	43	58
36/ 35		1.0	1.3	.9													29	29	38	39
34/ 33		.1	.2														3	3	26	52
32/ 31		.4	.1														5	5	20	46
30/ 29		.1	.3														4	4	12	18
28/ 27		.2															2	2	3	15
26/ 25																			3	18
24/ 23																				9
22/ 21																				11
20/ 19																				8
18/ 17																				2
16/ 15																				1
TOTAL	3.0	36.9	34.9	17.6	5.6	1.7	.2										930	930	930	
Element (X)	$\Sigma H'$	$\Sigma H$	$\bar{H}$	$\bar{H}_1$	No. Obs.	Mean No. of Hours with Temperature					Total									
Ref. Num.	5762516	72242	77.7	12.740	930	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total								
Dry Bulb	2571943	48191	51.8	9.216	930		1.1	4.9	.5			93								
Wet Bulb	2264284	45034	48.4	9.489	930		3.8	1.0				93								
Dew Point	1981688	41648	44.8	11.202	930		12.8	.8				93								

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

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13795      ANDREWS AFB MD      69-70,73-80      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		
74/ 73		.1	.3															4	4				
72/ 71		.2	.1	.1														4	4	3			
71/ 69		.3	1.2	.4	.3	.1												22	22	4	5		
67/ 67		.9	.3	.6	.1													18	18	5	3		
66/ 65	.4	1.4	1.3	.9	.1													38	38	30	14		
64/ 63	.4	3.2	1.2	1.2	.1		.3											60	60	25	28		
62/ 61	.4	2.3	2.0	.5	.2	.1												52	52	59	30		
61/ 59	.1	3.1	1.8	.6	.4	.2	.1											60	60	46	39		
58/ 57	.2	2.8	1.2	.2	.5	.2		.1										49	49	55	51		
57/ 55	.1	2.5	2.9	1.1	1.0	.2	.3											75	75	51	57		
54/ 53	.1	2.6	2.3	1.9	1.0													73	73	56	46		
52/ 51		1.5	3.0	1.8	1.0	.3												71	71	45	53		
50/ 49		2.2	3.7	1.7	1.9													88	88	57	39		
48/ 47		3.0	2.3	2.3	.3													73	73	82	31		
46/ 45		1.8	1.9	1.1	.1													46	46	92	55		
44/ 43		1.8	1.5	1.1	.5													46	46	68	64		
42/ 41	.1	1.8	1.7	.6	.3													43	43	74	81		
40/ 39	.2	1.1	1.6	.8	.3													37	37	39	48		
38/ 37		1.5	.9	.6														28	28	42	53		
36/ 35	.1	.9	.8	.6														22	22	35	46		
34/ 33		.2	.9	.2														12	12	25	63		
32/ 31		.5	.1															6	6	16	41		
30/ 29			.1															1	1	16	22		
28/ 27		.2																2	2	3	16		
26/ 25																				2	12		
24/ 23																					10		
22/ 21																					11		
20/ 19																					8		
18/ 17																					4		
TOTAL	2.3	35.9	33.0	18.5	8.3	1.2	.8	.1											930	930	930		
																			930		930		
Element (X)	Σ X'		Σ X		Σ	Σ	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Num.	5646286		71408		76.8	13.251	930	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total									
Dry Bulb	2617381		48603		52.3	9.123	930		.9	4.8	.4			93									
Wet Bulb	2290129		45319		48.7	9.482	930		3.7	1.2				93									
Dew Point	1992455		41769		44.8	11.219	930		12.4	.8				93									

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

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1375 STATION ANDREWS AFB MD

69-70,73-80 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																	
4/ 83									.1																								1	1				
3/ 81									.2																										2	2		
7/ 79							.4	.2										.1																9	9			
7/ 77						.2	.3	.5																										10	10			
6/ 75			.2	.2	.4	.6	.3	.1	.2	.1																								21	21			
74/ 73		.1		.6	.3	.4	.3	.3	.1																									21	21			
2/ 71		.1	.8	.8	1.1	.2	.6	.5																										38	38	4	1	
1/ 69		.3	1.0	.9	.4	1.5	.4	.3	.1	.2																								48	48	12	3	
6/ 67		1.5	1.3	1.2	1.1	.8	.3	.1	.1	.1																								60	60	39	5	
6/ 65		1.2	.8	1.7	1.1	1.2	1.4	.6	.3																									77	77	37	28	
4/ 63		1.8	1.1	1.2	.9	1.7	1.0	.1																										72	72	61	34	
2/ 61		1.0	1.8	1.5	1.3	1.2	1.3	.1	.1																									77	77	49	41	
2/ 59		1.8	1.4	.9	1.8	1.7	1.4	.5																										89	89	69	46	
1/ 57		1.2	1.1	1.7	2.6	1.7	1.2	.1																										89	89	68	52	
5/ 55		.8	1.3	2.0	2.5	1.9	.5	.1																										85	85	56	49	
4/ 53		.4	.5	1.3	1.7	2.0	.4																											60	60	70	55	
2/ 51		.3	1.1	1.0	1.2	1.6	.2																											50	50	86	50	
5/ 49		.1	.3	1.0	1.4	.6																												32	32	88	38	
4/ 47		.6	.5	.8	.9	.5	.1																										32	32	73	42		
4/ 45		.5	.2	.4	.5	.6																												22	22	62	61	
4/ 43			.1	.5	.5	.4																												15	15	56	54	
2/ 41		.1	.1			.2																												10	10	34	65	
4/ 39				.3	.2																													5	5	20	57	
3/ 37				.2																														2	2	14	43	
2/ 35																																					14	41
34/ 33		.3																																3	3	14	43	
2/ 31																																					4	42
2/ 29																																					17	
2/ 27																																					19	
2/ 25																																					7	
24/ 23																																					11	
2/ 21																																					5	
20/ 19																																					14	
1/ 17																																					5	
Element (X)	Σ X'		Σ X		X̄		σ <sub>n</sub>		No. Obs.		Mean No. of Hours with Temperature						Total																					
Rel. Hum.											≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F																						
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

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



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

17705 ANDREWS AFB MD 69-70,73-80 OCT  
 STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	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/ 87									.3																						3	3			
6/ 85									.2	.3																					8	8			
4/ 83								.1	.4	.4	.3										.1										13	13			
2/ 81							.1	.4	.3	.4											.2										14	14			
7/ 79						.1	.4	.6	.2	.3	.2	.3																			21	21			
7 1/ 77					.3	1.1	.2	1.0	.6	.4	.2																				36	36			
7 1/ 75			.1	.2	.8	1.0	.6	1.1	.5	.4	.1																				45	45			
7 1/ 73			.4	.4	.6	1.4	1.2	.3	.5	.2	.2																				50	50			
7 1/ 71			.4	.4	.9	1.3	1.2	1.3	1.2	.5	.2	.1																			70	70	10	1	
7 1/ 69		.5	.4	.9	.9	1.6	1.4	1.2	1.2	.8																					82	82	33		
6 1/ 67	.1	.6	.5	.6	.8	.4	1.1	1.4	.8																						59	59	40	14	
6 1/ 65		.8	.6	.4	.9	1.1	1.5	1.0	.4																						62	62	47	18	
4/ 63		1.1	.4	.3	.4	2.0	1.1	1.8	.8	.2																					76	76	64	38	
2/ 61		.6	1.5	.4	.9	1.9	2.2	2.5	.4	.1																					98	98	81	39	
2/ 59		.6	.6	.6	1.2	1.8	2.4	.8	.1																						76	76	55	45	
2/ 57		.5	.9	.5	.6	1.3	3.0	.6																							70	70	72	48	
5 1/ 55			.5	.2	.5	.9	1.1	.2																							32	32	79	51	
7 1/ 53		.3	.2	.4	.4	.8	1.3																								32	32	72	55	
2/ 51			.2	.2	.3	.9	.6																								21	21	78	38	
5 1/ 49			.2	.6	.4	.8	.9																								27	27	67	42	
7 1/ 47		.1	.5		.2	.4	.9																								20	20	80	41	
6 1/ 45		.2			.1	.2																									5	5	47	58	
4 1/ 43		.1			.4	.1																									6	6	40	49	
4 2/ 41																																	21	68	
4 1/ 39																																	16	45	
3 1/ 37																																14	34		
2 1/ 35		.1																														1	1	10	59
3 4/ 33		.2																														2	2	1	36
2 2/ 31																																		2	45
3 1/ 29																																			24
2 8/ 27																																			20
2 1/ 25																																			28
2 4/ 23																																			4
2/ 21																																			11
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	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 AIR 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB MD  
STATION STATION NAME

69-70,73-80  
YEARS

OCT  
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
8/ 87									.3									3	3	
6/ 85								.2	.1	.1	.1							5	5	
4/ 83								.3	.1	.3								7	7	
2/ 81								.4	.2	.3								13	13	
0/ 79						1.3	.2	.4	.3	.4	.3							28	28	
7/ 77					.1	.6	.6	.8	.5	.3								28	28	
46/ 75					.6	1.5	.5	1.0	.4	.4	.3							45	45	
4/ 73			.5	.6	.3	1.6	1.7	1.1	.5	.3	.2							65	65	
2/ 71		.2	.6	.5	1.1	1.5	1.1	1.2	1.3	.4	.2	.1						77	77	9
70/ 69		.6	.3	.9	1.1	.8	.8	1.2	.9	.2	.2							64	64	33
60/ 67		.2	.3	.3	.6	.6	1.4	1.7	1.1	.1								60	60	37
6/ 65		1.0	.4	1.1	1.1	1.0	.9	1.8	.6	.3								76	76	39
4/ 63		.5	.6	.6	.8	1.2	1.4	1.5	.9									70	70	73
2/ 61		.6	1.3	.9	1.0	1.0	1.4	1.8	.5									79	79	70
0/ 59		.3	.3	1.1	1.2	2.0	1.7	1.3	.1									75	75	75
50/ 57		.9	.1	.5	.8	1.8	1.9	.6										62	62	65
50/ 55		.4	.5	.2	1.5	.6	1.7	.2										49	49	73
4/ 53		.2	.5	.5	.4	1.0	2.0											44	44	74
2/ 51			.1	.2	.2	1.1	.6											21	21	72
50/ 49				.4	.5	1.0	1.0											27	27	78
40/ 47		.1	.1	.1	.2	.5	.2											12	12	68
40/ 45		.2	.1			.4												7	7	46
44/ 43		.3			.2	.2												7	7	44
42/ 41		.1			.2													3	3	35
40/ 39			.2															2	2	10
30/ 37			.1															1	1	18
0/ 35																				9
34/ 33																				2
32/ 31																				
30/ 29																				
20/ 27																				
20/ 25																				
24/ 23																				
22/ 21																				
Element (X)	Σ X <sup>2</sup>		Σ X		Σ	Σ <sup>2</sup>	No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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





GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB MD 69-70,73-80 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																		
77/77					.1																												1	1				
76/75				.1	.3	.4	.2		.1																									11	11			
74/73		.2		1.1	.3	.9		.1	.1																									25	25			
72/71		.2	.9	.6	.9	.3			.2																									29	29	3	3	
70/69		.4	1.1	.8	.9	.2	.3		.1	.1																								36	36	10	3	
68/67	.2	.3	1.3	1.8	1.0	.6	.2		.1																									52	52	28	8	
66/65		.8	1.2	1.8	.9	.6	.4	.1																										54	54	28	18	
64/63		1.8	1.4	2.7	.1	.5	.5		.1																									67	67	47	25	
62/61		2.0	1.9	2.6	1.0	1.3	1.0	.2	.1																									94	94	63	29	
60/59		.8	1.9	2.2	1.0	1.2	.5	.1																										71	71	62	49	
58/57		.6	1.7	2.4	1.5	1.4	.4	.1																										76	76	64	59	
56/55		.9	1.7	2.2	2.0	1.2	.3																											77	77	58	53	
54/53		.6	1.2	2.5	2.5	1.2	.2																											76	76	67	48	
52/51		.4	1.5	1.9	1.4	1.7																												65	65	75	55	
50/49		.6	1.6	1.2	1.9	.4	.2																											56	56	64	57	
48/47		.5	.9	1.7	1.2	.2																												42	42	87	34	
46/45		.5	1.1	1.2	1.0	.4																												39	39	73	53	
44/43		.3	.4	1.0	.4	.3																												23	23	59	59	
42/41		.1	.4	.4	.5																													14	14	54	66	
40/39		.3	.5	.3	.3																													14	14	31	47	
38/37		.2	.2	.3																														7	7	23	66	
36/35			.1																															1	1	16	38	
34/33																																				14	34	
32/31																																			4	49		
30/29																																					25	
28/27																																					19	
26/25																																					9	
24/23																																					4	
22/21																																					8	
20/19																																					9	
18/17																																					2	
16/15																																					1	
TOTAL		.211	.821	1.28	.719	.113	.0	4.4	.6	.9	.1																								930	930	930	930
Element (X)	Σ X'		Σ X		I	Σ <sub>2</sub>	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.	4265400		61430		66.1	114.953	930	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																								
Dry Bulb	3162913		53659		57.7	8.516	930			15.4	3.7																									93		
Wet Bulb	2562970		48154		51.8	8.657	930			.4	4.1																									93		
Dew Point	2070202		42624		45.8	11.209	930			12.6	1.4																									93		

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

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13775 ANDREWS AFB MD

69-70,73-80

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	Dew Point
76/ 75						.1												1	1		
74/ 73		.3		.1	.1	.5												10	10	2	
72/ 71			.6	.4	.3													13	13	1	3
70/ 69	.1	.6	1.1	.2	.6													25	25	4	3
68/ 67	.1	1.0	1.5	1.2	1.0	.3												47	47	17	8
66/ 65		1.7	1.1	.6	.3	.4		.2										41	41	24	10
64/ 63	.1	2.6	1.4	1.7	.3	.2	.1											60	60	50	31
62/ 61		2.8	1.2	2.3	.3	.3		.3										67	67	53	33
60/ 59	.1	2.0	2.7	.6	.6	.6	.2	.1										66	66	52	44
58/ 57		1.6	2.5	1.5	1.6	.4		.1										72	72	54	54
56/ 55		1.1	2.7	2.0	1.2	.5		.1										71	71	57	49
54/ 53		1.8	2.5	1.4	1.2	.1	.1											66	66	47	38
52/ 51		1.1	2.7	2.7	1.5	.2												76	76	76	60
50/ 49		1.4	2.9	1.9	.6	.8												71	71	71	50
48/ 47	.1	1.5	2.9	1.7	1.3	.2												72	72	78	43
46/ 45		1.0	1.9	1.0	1.3	.1												49	49	82	58
44/ 43		1.1	1.3	.4	.5													31	31	63	58
42/ 41		1.1	1.1	.8	.3													30	30	58	61
40/ 39		.8	1.4	.6	.2													28	28	42	70
38/ 37		.5	.8	.2	.1													15	15	37	60
36/ 35		.4	1.1	.1														15	15	25	36
34/ 33		.2	.1	.1														4	4	21	31
32/ 31																				14	40
30/ 29																				2	23
28/ 27																					31
26/ 25																					16
24/ 23																					10
22/ 21																					4
20/ 19																					3
18/ 17																					3
TOTAL	.5	24.6	33.3	21.7	13.5	4.9	.4	.6	.2									930	930	930	930
Element (X)	ΣX <sup>1</sup>	ΣX	X	X <sub>n</sub>	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	5083152	67510	72.6	14.016	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb	2846720	50784	54.6	0.900	930			9.6	1.1			93									
Wet Bulb	2418471	46671	50.2	9.065	930		1.6	2.4	.2			93									
Dew Point	2045545	42379	45.6	11.096	930		13.0	1.4				93									

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

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1375 STATION ANDREWS AFB MD STATION NAME

69-70,73-80 YEARS

OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL HOURS (L. S. T.)								
	0	1-2	3-4	5-6	7-8	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																		6	6							
86/ 85									.1	.1	.1	.0						13	13							
84/ 83								.0	.1	.1	.1	.0						21	21							
84/ 81							.0	.1	.1	.1	.1	.0						29	29							
84/ 79						.0	.3	.1	.1	.1	.1	.1						58	58							
84/ 77						.1	.3	.2	.2	.1	.1	.0						75	75							
85/ 75			.0	.1	.3	.5	.2	.3	.2	.1	.1							123	123							
84/ 73		.2	.2	.4	.2	.6	.4	.2	.2	.1	.1							187	187	4						
84/ 71		.1	.4	.4	.6	.4	.4	.4	.3	.1	.1	.0						241	241	36	13					
84/ 69	.0	.5	.8	.6	.6	.5	.4	.3	.3	.2	.0							310	310	100	21					
86/ 67	.1	.8	.9	1.0	.6	.3	.4	.4	.3	.0								354	354	181	61					
86/ 65	.1	1.3	1.0	.9	.6	.6	.5	.4	.2	.0								419	419	251	138					
84/ 63	.2	2.3	1.0	1.1	.4	.7	.6	.4	.2	.0								513	513	403	224					
82/ 61	.2	1.8	1.8	1.3	.7	.7	.7	.6	.1	.0								596	596	491	281					
82/ 59	.1	1.8	1.5	1.0	.8	1.1	.8	.3	.0									557	557	445	366					
82/ 57	.1	1.4	1.6	1.0	1.1	1.0	.8	.2										532	532	488	409					
82/ 55	.1	1.3	1.7	1.3	1.3	.7	.5	.1										517	517	472	404					
84/ 53	.1	1.4	1.5	1.4	1.1	.7	.5											496	496	505	394					
82/ 51	.0	.7	1.9	1.5	.9	.7	.2											438	438	528	409					
81/ 49	.0	.9	2.1	1.3	1.0	.4	.3											451	451	541	357					
86/ 47	.0	1.3	1.5	1.2	.7	.2	.1											384	384	635	299					
84/ 45		1.1	1.4	.9	.4	.2												293	293	559	447					
84/ 43	.0	.9	.9	.6	.5	.1												228	228	479	438					
82/ 41	.0	.8	.9	.5	.3	.0												188	188	400	545					
80/ 39	.1	.6	.8	.4	.2													159	159	259	470					
82/ 37		.6	.6	.3	.0													109	109	225	423					
86/ 35	.0	.4	.5	.2	.0													85	85	186	339					
84/ 33		.2	.2	.1														29	29	119	335					
82/ 31		.2	.1															19	19	77	363					
86/ 29		.0	.1															5	5	41	172					
88/ 27		.1																4	4	9	167					
86/ 25																				5	129					
84/ 23																					70					
82/ 21																					59					
Element (X)	Σ X'		Σ X		Σ	σ <sub>s</sub>	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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB MD

69-70,73-80 YEARS

NOV 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				
72/ 71				.1		.1	.3											5	5						
71/ 69			.1	.1		.2												4	4						
69/ 67		.1	.3			.1												5	5						
66/ 65		.4	.7	.3	.3	.1												17	17	3					
64/ 63		.9	.4	.2	.2	.1	.2											19	19	10					
62/ 61	.2	1.6	.6	.3	.2	.2	.2		.1									31	31	20					
59/ 59		1.8	.3	.4	.4	.4		.1										32	32	27					
57/ 57		1.1	.9	.3	.3	.6		.1										30	30	21					
55/ 55	.1	1.2	1.1	.8	.4	.2	.1											36	36	17					
54/ 53		2.2	1.6	.3	.2	.1	.2											42	42	26					
52/ 51		1.6	2.1	.3	.3	.1												40	40	40					
50/ 49		1.2	2.6	1.8	1.6	.2												66	66	56					
47/ 47		1.3	1.9	1.8	1.4	.4												62	62	36					
45/ 45		2.6	1.8	3.1	1.3													79	79	46					
44/ 43		2.6	2.0	3.1	1.3													81	81	65					
42/ 41		1.2	1.8	1.4	.6													45	45	77					
40/ 39	.1	1.8	2.1	3.0	.4													67	67	70					
38/ 37		1.1	1.8	2.2	.4													50	50	70					
36/ 35	.2	1.6	3.3	1.2														57	57	58					
34/ 33		1.7	2.6	.6														43	43	67					
32/ 31	.3	2.0	1.8	.6														42	42	65					
30/ 29	.1	.9	1.0	.1														19	19	54					
28/ 27		.4	.7	.3														13	13	23					
26/ 25		.2	.1															3	3	19					
24/ 23		.3	.3															6	6	8					
22/ 21		.1	.4															5	5	5					
20/ 19			.1															1	1	4					
18/ 17																				3					
16/ 15																				1					
14/ 13																				8					
12/ 11																				1					
10/ 9																				7					
8/ 7																				2					
4/ 3																				1					
Element (X)	Σ x'	Σ x	Σ	σ <sub>x</sub>	No. Obs.													Mean No. of Hours with Temperature							
Rel. Hum.																		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	
Dry Bulb																									
Wet Bulb																									
Dew Point																									

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



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB MD  
STATION STATION NAME

69-70, 73-80  
YEARS

NOV  
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
72/ 71																		1	1	
71/ 69			.1															5	5	
69/ 67			.3															3	3	
66/ 65		1.0	.1	.1														11	11	2
64/ 63		1.0	.1	.7	.1													17	17	6
62/ 61		1.3	.3	.3														21	21	14
60/ 59		2.4	1.0	.2	.2	.1												36	36	12
58/ 57		1.1	.6	.2	.7													24	24	18
58/ 55	.1	1.6	1.0	.3														28	28	16
54/ 53		2.8	1.6	1.0	.6	.2												55	55	16
52/ 51		1.6	1.9	.3	.3	.2												39	39	42
50/ 49		1.6	3.1	.4	.7	.1												53	53	28
48/ 47		1.0	2.7	1.2	1.0	.3												56	56	19
48/ 45		2.6	2.2	3.3	.8													80	80	33
44/ 43	.1	2.9	1.7	1.9	1.2													70	70	43
42/ 41		1.7	1.7	2.0	.8													55	55	58
40/ 39	.1	1.9	2.6	1.8	.4													61	61	57
38/ 37	.1	1.2	2.6	2.1	.2													56	56	31
36/ 35	.3	1.7	3.3	.9	.1													57	57	33
34/ 33	.3	1.3	3.9	1.0														59	59	50
32/ 31		1.9	2.7	.1														42	42	68
30/ 29	.3	1.8	.6	.3														27	27	56
28/ 27	.2	1.4	.6	.1														21	21	57
26/ 25		.7	.4															10	10	72
24/ 23		.3	.3															6	6	56
22/ 21		.1																1	1	33
20/ 19			.7															6	6	33
18/ 17																			4	13
16/ 15																			2	6
14/ 13																				6
12/ 11																				3
10/ 9																				5
8/ 5																				3
4/ 3																				3
Element (X)	Σ X'		Σ X		I	σ <sub>n</sub>	No. Obs.		Mean No. of Hours with Temperature											
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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





GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB MD 69-70,73-80 NOV  
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
72/ 71					.1													1	1	
67/ 67						.1												5	5	
66/ 65		.8	.1	.4	.1													13	13	
64/ 63		1.3	.1	.8	.3													23	23	14
62/ 61		1.3	.4	.3	.1													20	20	15
61/ 59		2.0	.7	.1	.2													27	27	23
61/ 57		1.7	.4	.6	.2													26	26	31
59/ 55	.1	1.6	1.2		.1													27	27	21
47/ 53		2.0	1.4	.8	.4													42	42	26
47/ 51		1.6	2.9	.7	.6	.1												52	52	33
51/ 49		1.7	2.0	.3	.6	.2												43	43	33
49/ 47	.1	2.0	2.4	1.3	1.1	.3												66	66	52
48/ 45		1.8	2.3	1.8	1.1	.2												65	65	44
47/ 43	.2	2.8	2.6	2.6	.9													81	81	56
42/ 41		1.6	1.4	2.2	.4		.1											52	52	60
41/ 39		1.7	2.3	1.9	.7													59	59	64
37/ 37		2.8	3.0	1.3	.1													65	65	67
36/ 35	.4	2.6	3.1	1.4														68	68	89
34/ 33	.3	1.0	3.7	.7	.1													52	52	63
32/ 31	.1	2.0	2.0	.4														41	41	51
30/ 29		1.8	.8	.1														24	24	68
28/ 27	.2	2.2	.2															24	24	37
26/ 25	.1	.4	.3															8	8	32
24/ 23		.4	.4															7	7	3
22/ 21	.2		.3															5	5	10
20/ 19		.1	.3															1	1	1
18/ 17		.2	.1															3	3	4
16/ 15																				3
14/ 13																				
12/ 11																				
10/ 9																				
8/ 5																				
TOTAL	1.9	37.2	34.8	17.8	7.2	1.0	.1											900	900	900
Element (X)	2 <sub>g</sub>	2 <sub>x</sub>	X	° <sub>s</sub>	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.	5060368	66308	73.713.956	900	± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total									
Dry Bulb	1827041	39519	43.810.122	900		11.3	.6				90									
Wet Bulb	1568738	36460	40.810.100	900		20.9					90									
Dew Point	1277794	32114	35.712.113	900		41.2					90									

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

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13705  
STATION

ANDREWS AFB MD  
STATION NAME

69-70,73-80  
YEARS

NOV  
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
79									.1									1	1	
77								.1	.1									2	2	
75					.2		.3											5	5	
73			.2		.1	.1												6	6	
71		.1	.1	.2	.3	.2												9	9	
69		.2	.4	.1	.1	.1	.2											11	11	1
67	.3	.7	.1	.2	.2	.1	.1											16	16	5
65	.2	.9	.6	.3	.3	.4	.2	.1										28	28	4
63	1.2	.7	.2	.2	.8	.2												30	30	12
61	.9	.3	.4	.4	.7	.3	.2	.1										31	31	11
59	1.4	.8	.6	.7	.8	1.0	.2											49	49	19
57	1.4	1.1	.9	1.0	.8	1.3												59	59	28
55	1.9	1.1	1.2	1.2	1.3	.3												64	64	26
53	1.1	1.2	1.2	.7	1.1	.4	.1											53	53	28
51	.4	1.2	1.0	2.0	1.3													54	54	31
49	2.0	1.8	1.3	2.3	1.7	.1												83	83	24
47	1.2	.7	1.6	3.2	1.1													70	70	45
45	.9	1.0	1.4	2.4	.8													59	59	37
43	.3	.9	3.2	1.9	.1													58	58	41
41	.2	.6	.8	1.9	1.8	.1												48	48	42
39	.1	1.4	1.4	2.1	1.9	.2												65	65	37
37	.1	.4	.9	1.3	.9													33	33	41
35		.8	.9	1.7	.2													32	32	49
33	.2	.4	.3	.4	.1													14	14	62
31	.1	.2	.4	.1														8	8	71
29		.1	.6															6	6	59
27			.1															1	1	69
25		.1	.1															2	2	5
23		.1																1	1	16
21		.2																2	2	36
19																				3
17																				1
15																				
13																				
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature					Total									
Ref. Num.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total								
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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



FEDERAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13795 ANDREWS AFB MD

69-70,73-80

NOV  
 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
47/83																		3	3	
47/81									.1	.2								4	4	
47/79									.2									2	2	
77/77							.1	.1	.4	.4								10	10	
67/75					.1	.2	.4	.7		.4								17	17	
74/73				.4	.2	.3	.1	.2	.1	.2								15	15	
77/71			.1	.7	.4	.1	.6	.6	.4	.2								28	28	
77/69			.3	.9	.3		.9	.7	.4									32	32	
67/67		.1	.1	.8	.3	.3	.6	1.2	.6		.1							37	37	11
67/65		.4	.3	.3	.7	.2	.7	.2	.7									32	32	24
47/63		.8	.2	.6	.6	.6	.6	.8	.8									43	43	33
62/61		1.0	.6	.6	.7	1.6	.4	1.1	.2	.1								56	56	27
67/59		1.1	.9	.8	1.1	.7	1.7	1.3	.1									69	69	25
67/57		.4	.4	.6	.7	.8	1.3	.8										45	45	57
57/55		.8	.6	.7	.7	2.1	1.1	.1										54	54	40
47/53		.2	.9	.4	.8	1.3	2.0											51	51	54
62/51		.8	1.1	1.2	.7	3.0	2.0	.1										80	80	45
67/49		1.1	.7	.1	1.9	3.1	.8											69	69	54
67/47		.4	.3	.6	1.9	2.2	.2											51	51	74
46/45		.2	.1	.9	2.7	1.6												49	49	62
44/43		.1	.3	.6	1.2	1.3												32	32	50
62/41		.3	.6	.3	1.3	2.2	.4											47	47	76
47/39		.1	.9		.7	.9	.3											26	26	88
36/37		.1	.2	.3	.6													11	11	45
36/35		.6	.3		1.0													17	17	46
34/33		.6	.1	.4	.2													12	12	43
72/31				.3	.2													5	5	19
70/29				.1														1	1	7
27/27				.1														1	1	11
27/25																				6
24/23			.1															1	1	1
22/21																				1
20/19																				1
18/17																				13
Element (X)	Z <sub>1</sub>	Z <sub>2</sub>	I	C <sub>1</sub>	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AFSS WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB MD

69-70,73-80

NOV  
 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					
4/ 83																		2	2							
7/ 81											.2							4	4							
10/ 79									.2	.1	.3							6	6							
13/ 77						.1		.1	.1	.1	.1							5	5							
16/ 75						.2		.2	.3	.4	.1	.2						12	12							
19/ 73				.4	.3	.9	.2	.3	.1	.1	.2							21	21							
22/ 71			.1	.2	.9	.1	.3	.7	.3	.2								26	26							
25/ 69			.1	.3	.2	.1	.7	.4	.4									21	21	1						
28/ 67			.2	.2	.3	.2	.4	.3	.6	.3								24	24	8						
31/ 65		.3	.6	.2	.3	.4	.8	.8	.3	.3								37	37	19	1					
4/ 63	1.1	.7	.8	.2	1.3	1.0	.4	.6	.1									56	56	24	8					
7/ 61	.6	1.1	.4	.4	.8	.6	.9	.3										46	46	36	16					
10/ 59	.9	.7	.2	.7	1.0	.4	.8	.2										44	44	26	24					
13/ 57	.6	.7	.7	.7	.8	1.6	.7	.1										51	51	50	34					
16/ 55	.7	.8	1.2	1.7	1.6	1.1												63	63	33	21					
19/ 53	.4	1.4	.4	.7	1.7	2.4	.3											67	67	45	23					
22/ 51	.3	1.1	1.2	1.1	1.7	1.4	.1											63	63	55	21					
25/ 49	1.0	.7	.6	1.2	3.9	.3	.1											70	70	54	35					
28/ 47	.8	.1	.7	3.2	2.0	.3												64	64	67	38					
31/ 45	.3	.2	.9	1.9	2.4	.2												54	54	69	40					
4/ 43	.7	.1	1.3	1.6	1.7	.1												49	49	44	38					
7/ 41	.1	1.4	.6	1.6	.2													35	35	83	49					
10/ 39	.3	.2	.7	1.1	.2													23	23	90	45					
13/ 37	.3	.4	.7	.8														20	20	53	35					
16/ 35	.1	.1	.1	.9														11	11	52	35					
19/ 33	.2	.3	.3	.7														17	17	40	48					
22/ 31			.4	.1														5	5	18	52					
25/ 29			.1	.1														2	2	9	48					
28/ 27			.2															2	2	12	77					
31/ 25																				7	48					
4/ 23																				4	36					
7/ 21																				1	41					
10/ 19																					27					
13/ 17																					18					
Element (X)	Σ X <sup>2</sup>		Σ X		Σ	Σ <sub>n</sub>	No. Obs.		Mean No. of Hours with Temperature																	
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total											
Dry Bulb																										
Wet Bulb																										
Dew Point																										

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





GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13715      ANDREWS AFB MD      69-70,73-80      NOV  
 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
24/ 73				.2		.2		.2										6	6	
22/ 71					.3	.3	.1	.2										9	9	
20/ 69			.2		.2	.4		.1	.1									10	10	
18/ 67			.4	.6	.3	.3												15	15	2
16/ 65	.1	.7	.3	.4	.4	.8		.1										26	26	5 2
14/ 63	.1	.3	.9	.2	.4	.4	.1											23	23	19 9
12/ 61		1.9	.1	.3	.2	.6	.2		.2									32	32	19 7
10/ 59		1.6	.4	.8	.6	.6	.8		.1									43	43	35 21
08/ 57	.2	1.6	.9	.8	1.0	.8	.3											50	50	33 32
06/ 55		.4	1.0	.9	.1	1.7	.4	.1										42	42	28 26
04/ 53		1.4	1.2	1.3	.8	1.0	.4											56	56	30 11
02/ 51		.7	2.2	1.7	2.0	1.1												69	69	40 26
00/ 49		.7	2.0	1.1	1.3	.6												51	51	49 39
23/ 47		.9	2.0	1.8	2.6	.7												71	71	62 31
21/ 45		.3	1.7	2.8	3.3	.2												75	75	62 35
19/ 43		.9	.8	3.9	1.9													67	67	60 31
17/ 41		1.7	1.6	2.0	2.2													67	67	65 56
15/ 39		1.2	1.0	2.2	1.3													52	52	90 39
13/ 37		.6	2.3	2.0	.4													48	48	83 49
11/ 35	.1	.6	1.3	1.2	.6													34	34	50 52
09/ 33	.2	.8	.9	1.1	.2													29	29	71 59
07/ 31		.1	.1	.6	.1													8	8	40 55
05/ 29		.1	.2	.8														10	10	21 75
03/ 27				.2														2	2	13 61
01/ 25			.2	.1														3	3	12 51
24/ 23			.1	.1														2	2	5 30
22/ 21																				4 28
20/ 19																				2 24
18/ 17																				17
16/ 15																				6
14/ 13																				12
12/ 11																				5
10/ 9																				6
08/ 7																				2
Element (X)	$\Sigma X^2$		$\Sigma X$		$\bar{X}$	$\sigma^2$	No. Obs.	Mean No. of Hours with Temperature						Total						
Rel. Hum.							$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total							
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13705      ANDREWS AFB MD      69-70, 73-80      NOV

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
4/ 73								.3										3	3		
7/ 71					.1													1	1		
10/ 69				.2	.1	.4												7	7		
6/ 67			.4	.1	.3	.1	.2											11	11		
6/ 65		.6	.6	.2	.2	.3		.1	.1									19	19		
4/ 63		.6	.4	.2	.8	.1	.6	.1										25	25	19	3
2/ 61	.1	1.2	.9	.2	.3	.3	.1											29	29	9	15
2/ 59	.1	2.2	.8	.4	.6	.3												40	40	32	13
7/ 57	.2	1.2	1.1	.6	.2	.6		.1										36	36	39	28
5/ 55		1.0	1.0	.9	.7	.4	.1											37	37	28	22
4/ 53		.9	1.9	1.0	.6	.4	.2											45	45	29	21
2/ 51		1.2	1.9	.8	1.2	.6	.2											53	53	34	25
5/ 49		.7	1.4	1.8	1.6	.4												53	53	44	35
4/ 47		1.1	1.8	1.9	1.7	.4												62	62	44	25
4/ 45		1.4	1.4	4.0	1.4	.1												76	76	42	35
4/ 43	.1	1.7	2.0	3.7	1.7													82	82	68	33
4/ 41		1.2	1.8	2.9	1.0	.1												63	63	69	46
4/ 39		1.8	1.4	3.6	.4													65	65	96	39
3/ 37	.1	.4	1.9	1.9	.4													43	43	76	57
7/ 35	.1	1.1	2.9	1.4														50	50	54	47
3/ 33	.1	.8	2.1	.9	.1													36	36	67	64
2/ 31	.1	2.0	1.1	.4														33	33	57	75
7/ 29		.2	.7	.6														13	13	48	48
2/ 27			.8	.1														8	8	13	71
2/ 25			.4															4	4	11	70
2/ 23			.1	.1														2	2	10	40
2/ 21			.4															4	4	5	21
2/ 19																				4	18
1/ 17																				2	16
1/ 15																					7
1/ 13																					11
1/ 11																					2
1/ 9																					10
4/ 3																					2
Element (X)	$\Sigma X^1$	$\Sigma X$	$\bar{X}$	$\sigma_A$	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

15705      ANDREWS AFB MD      69-70,73-80      NOV

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		
67/ 83																		5	5				
67/ 81								.0	.0	.0	.0							8	8				
67/ 79								.1	.0	.0								9	9				
78/ 77					.0	.0	.0	.1	.1	.0								17	17				
67/ 75				.0	.0	.1	.1	.1	.1	.1	.0							34	34				
74/ 73				.2	.1	.2	.1	.2	.2	.0	.0							51	51				
67/ 71			.0	.1	.3	.1	.2	.2	.1	.1								80	80				
77/ 69			.1	.3	.1	.2	.2	.2	.1									90	90	2			
67/ 67		.1	.4	.2	.2	.2	.2	.2	.1	.0	.0							116	116	26			
66/ 65	.0	.6	.4	.3	.3	.3	.2	.2	.2	.0								183	183	64			
64/ 63	.0	.9	.4	.5	.4	.4	.3	.2	.2	.0								236	236	153			
67/ 61	.0	1.2	.5	.4	.3	.6	.2	.3	.1	.0								266	266	164			
67/ 59	.0	1.7	.7	.4	.6	.4	.5	.3	.1									340	340	214			
67/ 57	.1	1.1	.8	.6	.6	.5	.6	.2	.0									321	321	295			
56/ 55	.0	1.1	1.0	.8	.6	.9	.4	.0										351	351	220			
74/ 53		1.4	1.4	.8	.6	.7	.7	.1										411	411	292			
62/ 51		1.0	1.8	.9	1.0	1.0	.5	.0										450	450	326			
57/ 49		1.2	1.8	.9	1.4	1.3	.2	.0										488	488	389			
46/ 47	.0	1.1	1.5	1.3	2.0	.9	.1											502	502	446			
46/ 45		1.3	1.3	2.3	1.9	.7	.0											537	537	428			
64/ 43	.1	1.5	1.3	2.9	1.5	.4	.0											520	520	471			
42/ 41	.1	1.2	1.2	1.8	1.3	.1	.0											412	412	558			
40/ 39	.1	1.4	1.4	2.0	.9	.1												418	418	646			
36/ 37	.0	.9	1.6	1.5	.5													326	326	532			
36/ 35	.2	1.1	1.9	1.0	.3													326	326	476			
34/ 33	.2	.9	1.7	.7	.2													262	262	466			
72/ 31	.1	1.0	1.0	.4	.1													184	184	353			
30/ 29	.1	.6	.4	.3	.0													102	102	296			
28/ 27	.1	.5	.3	.2														72	72	154			
26/ 25	.0	.2	.2	.0														30	30	112			
24/ 23		.1	.2	.0														25	25	45			
22/ 21	.0	.0	.2															17	17	34			
20/ 19		.0	.1															8	8	18			
16/ 17		.0	.0															3	3	14			
Element (X)	Σ X'		Σ X		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								
Dry Bulb																							
Wet Bulb																							
Dew Point																							

FORM 0-26-5 (OL A)      REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE  
 USAFETAC      AIR 04









GLOBAL CLIMATOLOGY BRANCH  
 COMPTON  
 AIR WEATHER SERVICE/MAC

**PSYCHROMETRIC SUMMARY**

13705      ANDREWS AFB MD      69-70,73-80      DEC  
 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
70/ 69				.3													3	3		
67/ 67				.1	.1												2	2		
66/ 65				.2	.2												4	4		
64/ 63							.1										1	1	3	
62/ 61			.2	.2		.2		.1									7	7	2	1
60/ 59		.1	.3	.3		.1											8	8	5	2
57/ 57		.5	.3	.4													12	12	5	3
55/ 55			.1	.1													2	2	8	6
54/ 53		.1	.5	.3													9	9	7	9
52/ 51		.3	.2	.1	.1												7	7	8	2
50/ 49		1.1	1.1	.3	.4												27	27	11	8
48/ 47	.1	.5	1.0	.5	.4	.1											25	25	20	12
46/ 45	.2	1.0	.8	.5	1.3	.1											36	36	17	15
44/ 43	.1	1.0	2.0	2.4	.2	.1											54	54	24	12
42/ 41	.2	2.5	1.3	.9	.5	.1											51	51	36	28
40/ 39	.3	1.5	1.9	1.5	.8												56	56	60	27
38/ 37	.6	1.6	2.8	2.5	.5												75	75	64	37
36/ 35	.1	3.4	1.8	3.4	.1												83	83	46	29
34/ 33		3.4	4.4	2.2													93	93	84	45
32/ 31	.3	4.4	4.1	3.1													111	111	78	71
30/ 29	.4	1.8	4.1	1.6													74	74	116	57
28/ 27	.1	1.2	2.7	.4													41	41	82	44
26/ 25	.6	.9	2.9														41	41	86	67
24/ 23	.1	1.2	.9														20	20	48	60
22/ 21	.1	.9	1.7	.1													26	26	28	57
20/ 19		1.8	1.5														31	31	26	75
18/ 17		.8	.8														14	14	28	55
16/ 15		.5	.1														8	8	17	46
14/ 13		.4	.2														6	6	11	45
12/ 11		.2															2	2	5	38
10/ 9		.1															1	1	4	28
8/ 7																			1	16
6/ 5																				11
4/ 3																				5
Element (X)	Σ X'		Σ X		Σ	σ <sub>n</sub>	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 0-26-5 (OLA)      REVISED NETWORK EDITIONS OF THIS FORM ARE OBSOLETE  
 USAFETAC





GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13775      ANDREWS AFB MD      69-70,73-80      DEC

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
69				.2														2	2		
65				.1														1	1		
63			.1															1	1	2	
61		.1	.1	.1														3	3		1
59		.2			.1	.1												4	4	4	1
57		.4	.2	.4														10	10	2	3
55		.4	.5	.2														11	11	8	4
53	.1	.5	.3	.3														12	12	7	8
51		1.1	.3	.1	.1													15	15	15	6
49		.5	.4	.3	.2													14	14	15	9
47		.2	1.2	.3	.3													19	19	11	12
45		.9	1.0	1.1	1.0													36	36	11	14
43		1.6	1.3	1.5	.4													45	45	22	5
41	.1	2.3	2.6	.8	.4													57	57	39	22
39	.4	1.0	1.8	1.7	.5													51	52	56	34
37	.4	2.5	2.4	2.6	.4													77	77	59	33
35	.2	3.1	2.9	3.3	.2													91	91	47	34
33		3.9	4.7	1.3														92	92	89	36
31	.3	4.3	3.2	2.8														99	99	87	78
29	.5	1.8	3.4	2.2														74	74	117	51
27	.1	1.8	2.8	.4														48	48	69	58
25	.2	1.7	2.3															39	39	69	66
23	.2	1.8	1.7															35	35	72	45
21	.1	1.0	1.3															22	22	32	63
19		1.8	1.8															34	34	21	78
17		1.0	.9															17	17	36	58
15		.8	.1															8	8	13	48
13		.4	.1															5	5	13	21
11		.4																4	4	6	63
9		.3																3	3	5	24
7																				2	17
5																					8
3																					11
1																					10
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13785 ANDREWS AFB MD

69-70,73-80

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		Dew Point		
66/ 67							.1												1	1			
66/ 65			.1			.1													2	2			
64/ 63				.2	.2														4	4	1		
62/ 61		.4	.1		.4		.1												10	10	1	1	
60/ 59		.2	.2	.3	.2		.2	.1	.2										14	14	4	2	
58/ 57		.1	.2	.3	.2	.1													9	9	5	2	
56/ 55		.2	.4	.3	.2	.2													13	13	9	5	
54/ 53		.5	.2	.3	.3	.5		.1											19	19	12	4	
52/ 51		.3	.4	.5	.6	.4													22	22	11	5	
50/ 49		.8	1.3	.6	1.1	.8	.1	.1											44	44	16	18	
48/ 47	.1	.4	.6	1.5	1.9	.4													47	47	24	12	
46/ 45	.1	1.0	1.3	1.8	1.7	.3													58	58	27	14	
44/ 43	.1	.8	1.6	2.2	2.3	.6													70	70	34	18	
42/ 41	.1	.9	1.3	2.8	1.9	.4													69	69	52	19	
40/ 39	.5	2.8	3.2	2.4	1.3	.2													97	97	79	25	
38/ 37	.1	3.0	2.5	2.8	1.1														88	88	84	23	
36/ 35		2.0	1.6	2.9	1.2	.1													73	73	113	55	
34/ 33		2.0	1.4	2.8	.5														63	63	85	73	
32/ 31	.2	1.1	2.0	2.9	.5														63	63	63	84	
30/ 29	.2	.6	1.7	2.0	.2														45	45	69	58	
28/ 27		1.0	2.0	.5															33	33	56	55	
26/ 25		.6	2.6	.2															32	32	61	61	
24/ 23		.3	1.1																13	13	45	35	
22/ 21		.4	1.3	.4															20	20	32	50	
20/ 19	.1		1.0	.2															12	12	19	58	
18/ 17		.2	.2																4	4	13	46	
16/ 15		.1	.2																3	3	8	45	
14/ 13		.1																	1	1	4	42	
12/ 11																					2	41	
10/ 9																						19	
8/ 7																						24	
6/ 5																						14	
4/ 3																						7	
2/ 1																						5	
Element (X)	Σx'	Σx	X̄	s <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature						Total											
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F												
Dry Bulb																							
Wet Bulb																							
Dew Point																							

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



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705      ANDREWS AFB MD      69-70,73-80      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.S./W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73							.1										1	1			
72/ 71					.2		.1	.2	.1								4	4			
70/ 69				.2	.1		.2	.2	.1								8	8			
68/ 67					.1		.1		.1								3	3			
67/ 65				.1	.2	.1	.3		.2								9	9	1		
67/ 63				.1	.1	.2	.1	.1	.3								9	9	4		
62/ 61		.3	.1	.1	.2	.3	.3	.1									14	14	3	3	
61/ 59			.1	.1	.4	.2											8	8	6	5	
58/ 57		.4	.3	.1	.1	.4	.2	.3	.2								20	20	8	1	
57/ 55		.4	.3	.3	.6	1.0	.4	.3	.2								31	31	9	1	
47/ 53		.3	.8	.6	.5	1.3	.2	.6									41	41	17	8	
27/ 51		.3	.6	.2	1.2	1.6	.9	.1									46	46	13	12	
50/ 49		1.2	.4	.9	1.7	1.8	.4	.1									61	61	27	6	
43/ 47	.1	.8	.5	1.3	2.2	2.0	.5										69	69	40	18	
46/ 45		.1	.4	2.4	3.2	2.3	.6										84	84	30	21	
44/ 43	.1	1.0	1.2	1.7	3.1	.6											72	72	47	19	
-2/ 41	.1	1.6	1.8	1.8	2.6	.6	.2										82	82	77	24	
47/ 39	.4	2.2	1.6	1.3	2.5	.5	.1										80	80	108	27	
36/ 37		1.0	1.1	1.2	2.3												51	51	104	28	
27/ 35		1.1		1.7	3.0												54	54	92	62	
34/ 33		1.6	.6	2.7	1.2												57	58	61	54	
22/ 31		.4	.3	2.7	1.2												43	44	53	78	
25/ 29		.9	.4	1.9													27	27	63	52	
25/ 27		.1	.1	1.6													21	21	53	57	
26/ 25		.1	.5	1.2	.1												18	18	41	65	
24/ 23		.3	.2	.5													10	10	30	30	
22/ 21			.2														2	2	20	44	
20/ 19			.2														2	2	14	64	
18/ 17			.1														1	1	4	41	
16/ 15																			2	41	
14/ 13																			1	45	
12/ 11																				42	
11/ 9																				20	
8/ 7																				22	
Element (X)	$\Sigma x'$	$\Sigma x$	$\Sigma$	$\sigma^2$	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 84-54 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE





GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB MD

69-70,73-80

DEC

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
74/ 73					.1													1	1	
72/ 71					.3			.2	.1									6	6	
70/ 69				.2			.1	.1	.2									6	6	
68/ 67						.3		.1	.2									6	6	
66/ 65		.1			.2	.1			.2									6	6	3
64/ 63		.2			.1	.1		.2	.1									7	7	4
62/ 61				.2	.3	.1	.1											7	7	2
60/ 59			.5	.1	.1	.4	.2	.1										14	14	5
58/ 57		.4	.3	.1	.3	.4	.5	.2	.1									25	25	5
56/ 55		.2	.2	.3	.5	.4	.3	.4	.2									25	25	16
54/ 53		.1	.8	.4	1.4	.8	.1	.1	.1									35	35	12
52/ 51		.2	.8	.3	.8	.6	.3											28	28	14
50/ 49		1.2	.8	1.3	1.5	1.4	.8	.2										66	66	26
48/ 47		1.0	.4	.8	1.6	1.7	1.4											64	64	36
46/ 45		.9	.6	2.0	3.0	1.8	.4											82	82	44
44/ 43		1.3	1.4	2.2	3.2	1.3												87	87	46
42/ 41	.5	1.8	1.2	.9	2.8	1.3	.1											80	80	57
40/ 39		2.9	1.2	2.0	2.9	.4												88	88	98
38/ 37		1.1	.9	1.8	2.2	.1												56	56	109
36/ 35		.9	.2	2.5	2.6													57	57	81
34/ 33		.9	1.1	1.8	1.9													53	53	78
32/ 31		.6	.5	2.7	1.4													49	51	60
30/ 29		.2	.8	1.8	.1													27	27	63
28/ 27		.5	.2	1.7	.1													24	24	48
26/ 25		.3	.2	1.1	.1													16	16	51
24/ 23		.1		.1														6	6	34
22/ 21			.1	.2														3	3	14
20/ 19			.3															3	3	13
18/ 17																				5
16/ 15																				3
14/ 13																				52
12/ 11																				28
10/ 9																				30
8/ 7																				20
Element (X)	Z <sub>x</sub> <sup>1</sup>	Z <sub>x</sub>	X	° <sub>x</sub>	No. Obs.	Mean No. of Hours with Temperature					Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 47 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13705      ANDREWS AFB MD      69-70,73-80      DEC

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					.2													2	2		
68/ 67				.2	.1	.1	.2											7	7		
66/ 65						.1												1	1	2	
64/ 63		.2	.2				.1											5	5	1	
62/ 61				.3	.2		.1	.1										7	7	4	3
60/ 59			.3	.1	.3													7	7	2	3
58/ 57		.8	.4		.1	.1	.1											14	14	2	2
56/ 55		.2	.2	.3		.1	.1											9	9	17	3
54/ 53		.4	.4	.2	.3	.4												17	17	11	7
52/ 51		.4	.3	.4	.4	.1												16	16	10	9
50/ 49	.1	.8	.9	1.3	.5	.3	.5											41	41	13	14
48/ 47		1.3	.5	1.3	.5	.3	.2											39	39	16	12
46/ 45		.9	1.5	1.9	.6	.2	.2											50	50	34	11
44/ 43		1.9	2.8	1.2	1.8	.5												77	77	38	21
42/ 41	.5	2.8	1.9	2.7	2.2	.2												96	96	58	25
40/ 39	.1	2.5	2.0	2.4	1.1	.3												78	78	80	39
38/ 37	.2	1.3	2.2	3.2	1.6	.3												82	82	66	40
36/ 35	.1	1.5	2.5	3.9	1.4													87	87	82	63
34/ 33		1.6	2.8	2.8	.2													69	69	83	54
32/ 31		1.0	2.8	3.6														68	68	92	44
30/ 29		.8	2.9	2.5														57	57	83	39
28/ 27		.6	1.9	1.0														33	33	67	56
26/ 25		.4	1.1	.8														21	21	65	63
24/ 23	.2	.9	.6															16	16	43	49
22/ 21			1.1	.3														13	13	19	61
20/ 19		.3	1.1															13	13	18	55
18/ 17		.2	.1															3	3	11	53
16/ 15																				10	65
14/ 13																				1	42
12/ 11																					22
10/ 9																					31
8/ 7																					12
6/ 5																					9
4/ 3																					11
Element (X)	$\Sigma X'$	$\Sigma X$	$\bar{X}$	$\sigma_x$	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-5 (OL A) REVERSED MIRROR EDITION OF THE FOM AIR OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

137.5 ANDREWS AFB MD  
STATION STATION NAME

69-70,73-80  
YEARS

DEC  
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			.4				.3											7	7	
64/ 63		.1	.3	.4	.1													9	9	
62/ 61			.3	.1														4	4	6
60/ 59		.6	.1	.3														10	10	3 5
58/ 57		.2	.2	.1	.1													6	6	13 6
56/ 55		.1		.4	.1	.4												10	10	6 7
54/ 53		.1	.4	.4	.4	.2												15	15	7 6
52/ 51		.6	1.2	.2	.1	.2												22	22	5 3
50/ 49		.5	1.2	.6	.4	.1												27	27	15 11
48/ 47		.8	.6	1.2	.2	.1												27	27	25 7
46/ 45		.6	1.0	1.5	.1	.4	.1											35	35	25 14
44/ 43	.5	1.2	1.7	1.4	1.1	.4												59	59	34 34
42/ 41	.3	3.3	2.4	2.3	.2													79	79	43 17
40/ 39	1.3	3.2	1.6	3.0	.9													93	93	84 37
38/ 37	.3	1.1	2.7	2.5	.9													69	69	59 54
36/ 35	.1	1.3	2.7	3.8	1.4	.1												87	87	66 47
34/ 33		2.0	3.7	2.7	.1													79	79	81 33
32/ 31	.1	2.7	3.3	3.3														88	88	71 60
30/ 29	.1	1.1	4.0	1.6														63	63	102 38
28/ 27	.2	1.3	1.6	.5														34	34	83 56
26/ 25	.2	.6	2.5	.2														33	33	73 66
24/ 23	.2	.9	2.2	.2														32	32	41 48
22/ 21	.1	.3	1.1	.1														15	15	30 74
20/ 19		.2	1.3															14	14	24 58
18/ 17		.2	.6															8	8	14 53
16/ 15		.2																2	2	11 46
14/ 13																				6 43
12/ 11																				45
10/ 9																				15 9
8/ 7																				13
6/ 5																				8
4/ 3																				4
2/ 1																				5
0/ -1																				5
Element (X)	$\Sigma X^2$	$\Sigma X$	$\bar{X}$	$\sigma^2$	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 0-26-5 (OL A) REVISED WITHOUT CHANGES OF THIS FORM AIR OBSOLETE



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AFSS WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMAR

137 5 ANDREWS AFB MD

69-70, 73-80

DEC

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 Po.				
74/ 73					.0			.0										2	2						
73/ 71					.1			.0										12	12						
72/ 69				.1	.0			.0	.0	.0								20	20						
71/ 67			.0	.1	.1	.1	.0	.0	.0									24	24						
70/ 65		.0	.1	.1	.1	.0	.1	.1	.1									33	33	6					
69/ 63		.1	.1	.1	.1	.1	.1	.1	.1	.1								42	42	20					
68/ 61		.2	.2	.1	.2	.1	.1	.0	.1									67	67	18	18				
67/ 59		.1	.2	.2	.1	.1	.1	.0	.0									66	66	36	29				
66/ 57		.4	.3	.2	.1	.1	.1	.1	.0									100	100	47	21				
65/ 55		.3	.2	.4	.2	.3	.1	.1	.1	.1								115	115	79	31				
64/ 53	.0	.4	.4	.4	.4	.4	.4	.0	.1	.0								156	156	86	64				
63/ 51		.4	.6	.3	.5	.4	.1	.0										179	179	82	52				
62/ 49	.0	.9	.9	.8	.8	.6	.2	.1										313	313	136	84				
61/ 47	.0	.7	.7	.9	.9	.6	.3											312	312	196	97				
60/ 45	.1	.7	.9	1.6	1.4	.7	.2											411	411	211	123				
59/ 43	.1	1.3	1.8	1.8	1.6	.5												519	519	276	159				
58/ 41	.3	2.2	1.7	1.6	1.4	.3	.0											565	565	396	179				
57/ 39	.5	2.3	2.0	2.2	1.3	.2	.0											629	630	641	250				
56/ 37	.3	1.7	2.1	2.5	1.2	.1												580	580	596	300				
55/ 35	.1	1.9	1.7	3.2	1.3	.0												605	605	579	380				
54/ 33	.0	2.4	2.6	2.4	.6													597	598	660	400				
53/ 31	.2	2.2	2.7	3.0	.4													621	624	592	517				
52/ 29	.2	1.1	2.6	1.8	.0													425	425	709	390				
51/ 27	.1	1.0	1.8	.9	.0													271	271	532	427				
50/ 25	.2	.8	1.8	.5	.0													241	241	520	510				
49/ 23	.1	.8	1.1	.2														166	166	353	350				
48/ 21	.1	.4	1.1	.1														125	125	217	477				
47/ 19	.0	.6	1.0	.0														123	123	163	510				
46/ 17		.4	.4															56	56	131	400				
45/ 15		.3	.1															28	28	74	387				
44/ 13		.1	.1															15	15	42	330				
43/ 11		.1																6	6	16	310				
42/ 9		.1																4	4	11	190				
41/ 7																				3	130				

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





GLOBAL CLIMATOLOGY BRANCH  
 METAC  
 AT WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1975 ANDREWS AFB MD  
 STATION STATION NAME

69-70,73-81 YEARS

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

PAGE 1

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
0 / 99												.0						2	2		
1 / 97												.0						32	33		
2 / 95							.0			.0	.0	.0				.0		86	87		
3 / 93							.0	.0		.0	.1	.0	.0	.0		.0		168	168		
4 / 91					.0	.0	.0	.1	.1	.1	.1	.0	.0	.0				355	357		
5 / 89				.0	.0	.0	.1	.2	.2	.1	.1	.0	.0	.0				644	645		
6 / 87			.0	.0	.0	.1	.3	.3	.3	.1	.1	.0	.0	.0				998	999		
7 / 85		.0	.0	.0	.1	.3	.3	.3	.2	.1	.1	.0	.0	.0				1309	1312		
8 / 83			.0	.1	.2	.3	.4	.3	.2	.1	.1	.0	.0	.0				1488	1493	7	1
9 / 81		.0	.0	.2	.3	.4	.4	.3	.2	.1	.0	.0	.0	.0				1739	1747	25	6
10 / 79		.0	.2	.4	.4	.5	.3	.3	.2	.1	.1	.0	.0	.0				2188	2190	207	12
11 / 77		.1	.4	.5	.5	.3	.3	.3	.2	.1	.0	.0	.0	.0				2446	2454	694	73
12 / 75	.0	.3	.9	.8	.5	.4	.3	.3	.2	.1	.0	.0						3189	3195	1635	324
13 / 73	.0	.8	1.1	.9	.4	.4	.3	.2	.2	.1	.0	.0						3784	3788	2875	1030
14 / 71	.1	.9	1.3	.6	.5	.3	.3	.2	.2	.1	.0	.0						4022	4028	3855	2314
15 / 69	.1	.9	1.3	.7	.5	.4	.3	.2	.2	.1	.0							4008	4017	4314	3433
16 / 67	.1	.8	1.0	.7	.5	.3	.3	.2	.1	.0	.0							3413	3420	4151	3630
17 / 65	.1	.9	.7	.6	.5	.3	.3	.2	.1	.0	.0							3351	3353	3895	3766
18 / 63	.1	.9	.7	.6	.3	.3	.2	.2	.1	.0	.0							3125	3125	3967	3531
19 / 61	.1	.8	.8	.6	.4	.3	.2	.2	.1	.0	.0							3127	3128	3655	3494
20 / 59	.1	.9	.8	.4	.4	.3	.3	.2	.1	.0	.0							3042	3042	3514	3227
21 / 57	.1	.8	.7	.4	.4	.3	.3	.2	.0	.0	.0							2825	2825	3475	3290
22 / 55	.0	.7	.6	.5	.4	.4	.3	.1	.0	.0	.0							2764	2764	2905	3155
23 / 53	.0	.7	.6	.3	.5	.4	.3	.1	.0	.0	.0							2719	2719	2897	3058
24 / 51	.0	.9	.8	.5	.5	.4	.3	.0										2701	2701	2669	2850
25 / 49	.0	.6	.7	.6	.6	.5	.2	.0										2889	2889	2786	2392
26 / 47	.0	.7	.6	.6	.7	.4	.1	.0										2805	2805	3041	2249
27 / 45	.0	.6	.6	.7	.7	.6	.1	.0										2780	2780	3047	2635
28 / 43	.1	.6	.6	.8	.6	.3	.0											2663	2665	3010	2417
29 / 41	.1	.6	.7	.8	.6	.2	.0											2596	2596	3162	2502
30 / 39	.2	.6	.8	.8	.6	.1	.0											2701	2702	3313	2564
31 / 37	.1	.7	.8	.9	.5	.1												2618	2618	2925	2401
32 / 35	.1	.7	.8	.9	.4	.0												2685	2685	3106	2594
33 / 33	.1	.7	.9	.1	.2	.0												2306	2307	3180	2729

2183 (U.S.A.) REVISIONS PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

1375 ANDREWS AFB MD 69-70,73-81 ALL  
 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/ 31	.1	.7	.9	.9	.2	.0												2464	2467	2674	3357
1/ 29	.1	.5	.8	.6	.1													1699	1700	2617	2664
1/ 27	.3	.4	.6	.4	.0													1321	1321	2198	2737
1/ 25	.3	.4	.6	.2	.0													1119	1120	2036	2743
1/ 23	.3	.2	.5	.1														746	746	1539	1891
2/ 21	.3	.2	.5	.1														735	735	1116	2166
1/ 19	.3	.3	.5	.0														718	718	922	2368
1/ 17	.3	.2	.3															374	375	707	1709
1/ 15	.0	.1	.2															256	256	493	1537
1/ 13	.0	.1	.1															205	207	342	1291
1/ 11	.3	.1	.0															124	125	197	1270
1/ 9	.0	.1	.0															99	102	174	1112
1/ 7	.3	.0	.0															47	48	106	801
1/ 5	.3	.0	.0															12	12	46	496
1/ 3	.3	.0	.0															20	21	18	385
1/ 1	.3	.0	.0															11	11	15	458
1/ -1	.3																	1	1	9	276
1/ -3	.3																	1	1	1	250
1/ -5		.0																1	1	1	140
1/ -7																					100
1/ -9																					45
1/ -11																					17
-1/ -13																					6
-1/ -15																					12
-1/ -17																					6
-1/ -19																					7
TOTAL	1.8	19.3	23.3	18.2	12.7	8.6	6.2	4.9	2.9	1.6	.7	.2	.1	.0	.0			87521	87606	87521	87521
Element (X)	Z <sub>x</sub> '	Z <sub>x</sub>	X	° <sub>s</sub>	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.	400424104	5691746	65.8	18.598	87521	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total									
Dry Bulb	304709799	4918633	56.1	18.054	87606	.3	998.1	998.1	848.0	795.8	29.0	8760									
Wet Bulb	242711361	4379383	50.0	16.413	87521	1.1	1519.7	1781.6	546.2	9.4	8760										
Dew Point	197693558	3807762	43.5	19.130	87521	85.7	2782.9	1085.8	145.1	1.0	8760										

USAFETAC FORM 0-26-5 (OL A) REVISED 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

1975 ANDREWS AFB MD

69-71, 73-81

STATION		STATION NAME												YEARS
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0-5	MEAN	31.3	32.7	42.0	50.9	58.9	66.2	70.8	70.7	64.9	53.2	45.4	36.6	52.0
	S D	11.632	10.906	9.773	8.659	7.575	6.585	4.983	4.909	7.202	9.089	10.120	9.794	16.310
	TOTAL OBS	930	846	930	900	930	900	930	930	899	930	900	930	10959
5-10	MEAN	29.7	31.5	40.4	48.8	57.0	64.5	69.3	69.4	63.5	51.8	44.2	35.4	50.9
	S D	10.640	10.961	9.751	8.741	7.725	6.763	5.159	5.035	7.269	9.216	10.127	9.812	16.270
	TOTAL OBS	930	846	929	900	929	900	929	930	900	930	900	930	10953
6-11	MEAN	29.2	31.0	40.5	50.7	60.1	68.1	72.2	71.5	64.6	52.3	43.9	34.7	51.7
	S D	10.637	11.270	9.764	8.833	7.516	6.162	4.921	5.251	7.157	9.123	10.122	9.551	17.348
	TOTAL OBS	930	845	930	900	930	900	930	929	899	930	900	930	10953
11-14	MEAN	32.4	35.2	46.6	56.0	66.9	75.1	79.4	79.1	72.3	60.0	50.3	39.0	58.1
	S D	11.181	11.744	10.476	9.934	8.252	6.878	5.411	5.890	7.388	8.477	9.931	9.324	16.423
	TOTAL OBS	930	846	930	900	929	900	930	929	898	930	900	929	10951
14-17	MEAN	36.1	41.0	51.2	62.5	71.1	79.2	83.5	83.4	76.7	64.9	55.1	43.2	62.8
	S D	11.434	12.568	11.258	10.828	8.903	7.410	5.920	6.242	7.899	9.002	10.790	9.701	16.649
	TOTAL OBS	929	846	930	900	930	900	930	930	900	929	900	930	10954
17-20	MEAN	37.2	42.2	52.5	63.9	71.7	79.5	83.4	83.1	76.6	64.7	54.3	42.9	62.8
	S D	10.292	12.569	11.252	10.850	8.932	7.594	6.199	6.367	7.743	8.988	10.664	9.556	18.497
	TOTAL OBS	930	845	930	900	930	899	929	928	900	930	900	929	10950
20-23	MEAN	33.4	37.7	48.1	58.9	66.9	74.5	78.2	77.3	70.2	57.7	48.9	38.9	57.7
	S D	9.878	11.464	10.030	9.883	8.141	7.001	5.746	5.767	7.369	8.516	9.844	9.162	17.647
	TOTAL OBS	929	846	929	900	928	899	928	930	899	930	900	928	10946
1-23	MEAN	32.1	34.8	44.5	53.8	61.4	68.8	72.9	72.5	66.5	54.6	46.7	37.4	53.9
	S D	11.276	11.231	9.651	8.957	7.465	6.545	4.873	4.874	7.198	8.900	10.058	9.308	16.479
	TOTAL OBS	930	846	927	900	927	900	929	930	898	930	900	927	10944
ALL HOURS	MEAN	32.0	35.9	45.7	55.9	64.2	72.0	76.2	75.9	69.4	57.4	48.6	38.5	56.1
	S D	10.753	12.250	11.149	11.003	9.664	8.773	7.576	7.656	8.941	10.220	10.990	9.978	18.054
	TOTAL OBS	7438	6766	7435	7200	7433	7198	7435	7436	7193	7439	7200	7433	87608

GLOBAL CLIMATOLOGY BRANCH  
 WAFETAC  
 AIR WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

17715 ANDREWS AFB MD

69-70,73-81

STATION		STATION NAME												YEARS
HRS PER DAY		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1-0	MEAN	27.7	29.0	37.5	45.1	54.7	62.6	66.6	67.1	61.4	49.4	41.4	33.0	48.0
	S D	1.195	1.075	0.223	0.138	0.730	0.461	0.024	0.072	0.396	0.311	0.885	0.350	16.148
	TOTAL OBS	93	846	930	900	930	900	930	927	894	930	900	930	10947
3-0	MEAN	26.9	28.2	36.5	43.9	53.5	61.6	65.7	66.2	60.4	48.4	40.7	32.0	47.1
	S D	1.114	1.031	0.349	0.429	0.993	0.569	0.266	0.340	0.536	0.485	1.045	0.365	16.227
	TOTAL OBS	930	845	929	900	929	900	929	924	897	930	900	930	10943
6-0	MEAN	26.5	27.9	36.7	45.2	55.5	63.7	67.4	67.4	61.1	48.7	40.5	31.5	47.8
	S D	1.298	1.066	0.523	0.481	0.827	0.924	0.974	0.244	0.296	0.402	1.100	0.256	16.853
	TOTAL OBS	930	843	930	900	930	900	930	921	897	930	900	929	10940
-11	MEAN	29.3	31.4	40.4	49.0	58.8	66.4	70.0	70.4	64.6	53.0	44.5	34.4	51.1
	S D	0.773	0.732	0.486	0.438	0.770	0.976	0.879	0.950	0.938	0.570	0.642	0.785	16.624
	TOTAL OBS	930	844	930	900	929	900	930	920	896	930	900	929	10938
12-1	MEAN	31.0	34.4	43.1	51.1	60.5	67.8	71.1	71.5	66.0	54.9	46.8	36.9	53.1
	S D	0.574	0.615	0.385	0.334	0.605	0.033	0.956	0.972	0.858	0.380	0.755	0.738	16.065
	TOTAL OBS	929	845	930	900	930	900	930	923	899	929	900	928	10943
5-17	MEAN	32.0	35.0	43.7	51.7	60.7	67.7	70.9	71.4	65.9	54.7	46.3	36.7	53.1
	S D	0.310	0.402	0.037	0.135	0.493	0.067	0.762	0.722	0.583	0.379	0.653	0.793	15.880
	TOTAL OBS	930	844	928	900	930	899	929	921	897	930	900	927	10939
1-2	MEAN	29.8	32.3	41.2	49.2	59.0	66.2	69.6	69.9	63.8	51.8	43.5	34.5	51.0
	S D	0.392	0.172	0.922	0.146	0.488	0.110	0.692	0.756	0.809	0.657	0.576	0.829	16.199
	TOTAL OBS	929	845	928	900	928	899	927	926	899	930	900	928	10939
1-23	MEAN	28.6	30.5	39.2	46.7	56.4	64.0	67.7	68.0	62.0	50.2	42.1	33.6	49.2
	S D	0.677	0.098	0.004	0.184	0.599	0.407	0.889	0.917	0.117	0.065	0.738	0.095	16.080
	TOTAL OBS	93	845	926	900	927	900	928	927	896	930	900	927	10936
ALL HOURS	MEAN	29.1	31.1	39.8	47.7	57.4	65.0	68.6	69.0	63.2	51.4	43.2	34.1	50.0
	S D	0.984	0.677	0.599	0.725	0.099	0.571	0.291	0.357	0.365	0.234	0.065	0.218	16.413
	TOTAL OBS	7438	6757	7431	7200	7433	7198	7433	7389	7175	7439	7200	7428	87523

USAF ETAC FORM 0-89-5 (OL A)  
 OCT 78

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

17705 ANDREWS AFB MD

69-70,73-81

STATION	STATION NAME	YEARS												
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0-0	MEAN S D TOTAL OBS	20.5 12.894 930	20.9 12.838 846	30.4 11.861 930	38.1 10.661 900	50.9 9.641 930	60.3 7.305 900	64.0 6.086 930	64.9 6.162 927	58.9 8.490 894	45.5 11.104 930	36.0 11.917 900	26.2 11.811 930	43.2 18.950 10947
3-0	MEAN S D TOTAL OBS	20.1 12.758 930	20.5 13.034 845	30.7 12.003 929	37.8 10.641 900	50.3 9.695 929	59.6 7.179 900	63.5 6.179 929	64.3 6.326 924	58.2 8.504 897	44.8 11.202 930	35.7 12.039 900	25.5 11.625 930	42.6 18.933 10943
6-	MEAN S D TOTAL OBS	19.8 12.804 930	20.3 13.419 843	30.4 12.318 930	38.6 10.951 900	51.6 9.921 930	60.8 7.029 900	64.5 6.246 930	65.0 6.311 921	58.6 8.339 897	44.9 11.215 930	35.7 12.113 900	25.2 11.567 929	43.7 19.340 10940
-1	MEAN S D TOTAL OBS	21.0 13.650 930	21.7 14.046 844	31.6 12.673 927	39.0 11.683 900	52.2 10.706 929	61.0 7.900 900	64.8 6.849 930	65.7 6.465 920	59.6 8.848 896	46.1 11.654 930	37.3 12.473 900	26.3 11.705 929	43.9 19.344 10938
12-10	MEAN S D TOTAL OBS	21.4 13.052 929	22.3 13.925 845	32.1 12.714 930	39.3 11.687 900	52.1 10.684 930	60.9 8.193 900	64.3 7.333 930	65.3 6.739 923	59.2 9.226 899	45.5 11.970 929	37.1 12.956 900	26.6 12.217 928	44.0 19.143 10943
5-1	MEAN S D TOTAL OBS	21.7 12.932 930	22.3 13.757 844	31.9 12.445 928	39.0 11.668 900	52.2 10.935 930	60.6 8.394 899	64.1 7.304 929	65.2 6.561 921	59.0 9.085 897	45.1 11.943 930	36.5 13.001 900	26.6 12.412 927	43.8 19.126 10935
-2	MEAN S D TOTAL OBS	21.5 12.607 929	21.9 13.344 845	31.6 12.186 928	38.5 11.517 900	52.5 10.374 928	61.1 8.172 899	64.7 6.734 927	65.8 6.226 926	59.5 8.480 899	45.8 11.205 930	36.5 12.258 900	26.6 11.898 928	43.9 19.170 10939
1-23	MEAN S D TOTAL OBS	20.7 12.434 930	21.6 12.768 845	31.2 11.840 926	38.6 11.043 900	52.1 9.669 927	60.8 7.617 900	64.6 6.143 928	65.4 5.975 927	59.0 8.309 896	45.6 11.096 930	36.0 11.918 900	26.5 11.893 927	43.6 18.992 10936
ALL HOURS	MEAN S D TOTAL OBS	20.9 12.831 7438	21.4 13.411 6757	31.2 12.276 7431	38.6 11.244 7200	51.7 10.262 7433	60.7 7.748 7198	64.3 6.636 7433	65.2 6.349 7389	59.0 8.671 7175	45.4 11.431 7439	36.3 12.348 7200	26.2 11.900 7428	43.5 19.130 87521





















AD-A110 238

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2  
ANDREWS AFB, WASHINGTON DC REVISED UNIFORM SUMMARY OF SURFACE W--ETC(U)  
OCT 81

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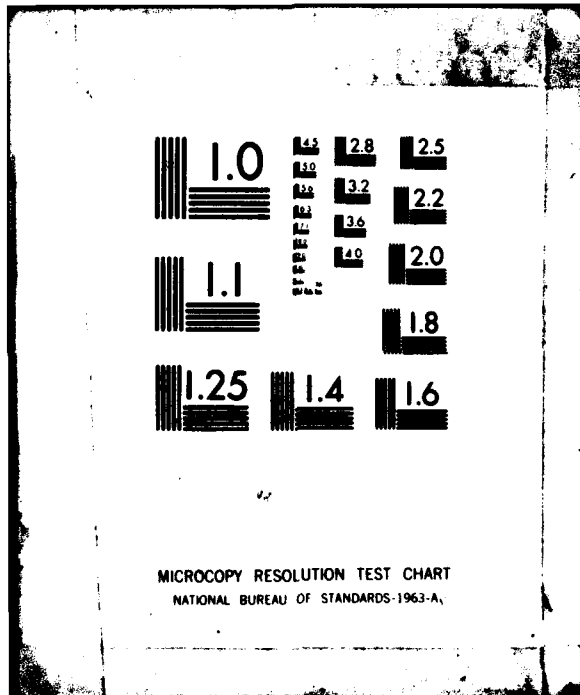
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GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

## RELATIVE HUMIDITY

13705  
 STATION

ANDREWS AFB MD  
 STATION NAME

69-70,73-81  
 PERIOD

ALL  
 MONTH

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

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	99.9	99.0	91.9	72.6	51.1	34.2	20.5	7.2	63.2	7438
FEB		100.0	99.6	95.4	80.7	60.3	41.9	28.4	15.8	5.3	58.3	6757
MAR		100.0	99.7	94.7	81.1	62.8	45.5	30.4	18.6	7.3	59.8	7431
APR		100.0	99.2	89.9	74.5	55.3	38.7	24.7	12.8	4.2	55.6	7200
MAY		100.0	100.0	96.9	88.2	76.8	62.4	47.0	29.3	8.6	66.7	7433
JUN		100.0	100.0	99.2	93.8	82.9	68.8	52.2	34.5	8.8	69.8	7198
JUL		100.0	100.0	99.5	93.7	81.3	67.2	50.3	31.4	9.6	68.9	7433
AUG		100.0	100.0	100.0	96.8	85.7	71.3	55.5	36.9	11.4	71.4	7389
SEP		100.0	100.0	99.5	95.5	86.3	72.7	56.2	36.4	9.8	71.5	7175
OCT		100.0	99.9	98.1	90.1	77.8	63.0	47.4	26.5	8.1	66.8	7439
NOV		100.0	100.0	98.9	90.7	74.5	56.9	40.4	24.3	6.6	64.9	7200
DEC		100.0	100.0	98.3	91.5	72.6	52.0	35.2	20.4	5.6	63.2	7428
TOTALS		100.0	99.9	97.5	89.0	74.1	57.6	41.8	25.6	7.7	65.0	67521

U S AIR FORCE  
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APPLICATIONS CENTER

PART F

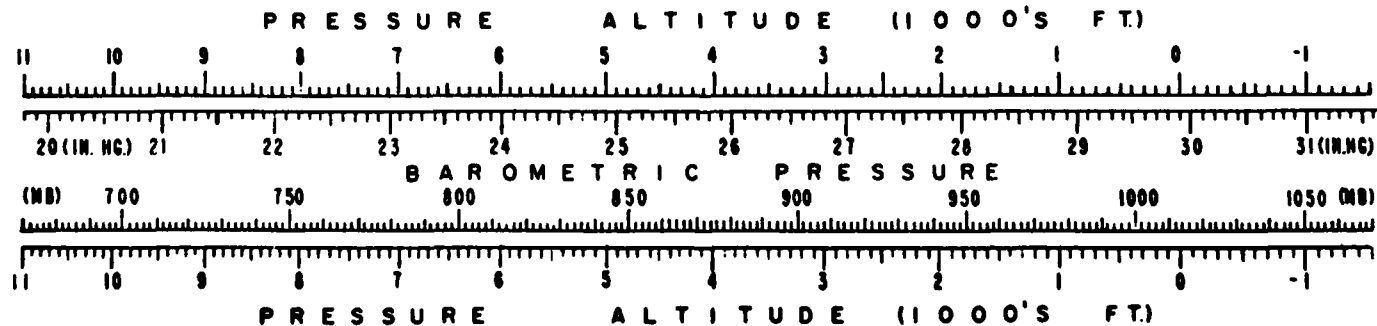
PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.  
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.  
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH  
 USAF ETAC  
 AIR WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

137 5      ANDREWS AFB MD      69-70,73-81

STATION		STATION NAME												YEARS
HRS. (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
01	MEAN	29.749	29.764	29.716	29.698	29.673	29.699	29.701	29.741	29.765	29.791	29.779	29.752	29.735
	S. D.	.264	.265	.241	.216	.165	.156	.126	.110	.144	.199	.219	.268	.208
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
4	MEAN	29.752	29.760	29.704	29.693	29.671	29.692	29.695	29.736	29.758	29.787	29.775	29.755	29.731
	S. D.	.267	.265	.243	.223	.169	.159	.129	.112	.147	.203	.223	.270	.210
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
7	MEAN	29.768	29.780	29.735	29.726	29.703	29.720	29.724	29.764	29.786	29.811	29.795	29.773	29.757
	S. D.	.268	.266	.250	.235	.172	.160	.130	.114	.151	.210	.225	.272	.213
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
10	MEAN	29.798	29.801	29.745	29.728	29.708	29.725	29.731	29.776	29.800	29.826	29.815	29.801	29.771
	S. D.	.273	.272	.266	.241	.173	.161	.131	.116	.151	.217	.228	.274	.219
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
13	MEAN	29.739	29.756	29.700	29.689	29.679	29.702	29.707	29.751	29.766	29.782	29.762	29.742	29.731
	S. D.	.273	.270	.269	.235	.172	.160	.131	.114	.150	.213	.226	.268	.216
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
16	MEAN	29.726	29.727	29.664	29.653	29.645	29.673	29.677	29.719	29.732	29.760	29.747	29.733	29.705
	S. D.	.266	.266	.257	.225	.167	.158	.131	.112	.148	.207	.221	.260	.211
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
19	MEAN	29.755	29.753	29.689	29.669	29.652	29.677	29.683	29.724	29.744	29.785	29.773	29.756	29.721
	S. D.	.261	.263	.246	.213	.162	.154	.125	.108	.143	.202	.214	.259	.207
	TOTAL OBS	310	282	310	300	309	300	310	310	300	310	300	309	3650
22	MEAN	29.764	29.768	29.715	29.701	29.678	29.704	29.707	29.750	29.768	29.802	29.783	29.760	29.742
	S. D.	.262	.262	.239	.212	.161	.153	.124	.107	.142	.201	.215	.265	.206
	TOTAL OBS	310	282	310	300	309	300	308	310	300	310	300	309	3648
ALL HOURS	MEAN	29.756	29.763	29.709	29.695	29.676	29.699	29.703	29.745	29.765	29.793	29.779	29.759	29.737
	S. D.	.267	.266	.252	.226	.169	.159	.129	.113	.146	.207	.222	.267	.212
	TOTAL OBS	2480	2256	2480	2400	2478	2400	2478	2480	2400	2480	2400	2478	29210

GLOBAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

1375 ANDREWS AFB MD

69-70,73-81

STATION	STATION NAME	YEARS												
HRS. (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
01	MEAN S.D. TOTAL OBS	1018.1 9.160 310	1018.6 9.155 282	1016.8 8.301 310	1016.1 7.348 300	1015.1 5.629 310	1015.9 5.342 300	1015.9 4.321 310	1017.3 3.768 310	1018.1 4.947 300	1019.2 6.909 310	1018.9 7.511 300	1018.1 9.205 310	1017.3 7.154 3652
04	MEAN S.D. TOTAL OBS	1018.2 9.224 310	1018.4 9.146 282	1016.4 8.360 310	1015.9 7.632 300	1015.0 5.766 310	1015.7 5.427 300	1015.7 4.400 310	1017.1 3.858 310	1017.9 5.048 300	1019.1 7.028 310	1018.8 7.632 300	1018.2 9.258 310	1017.2 7.250 3652
7	MEAN S.D. TOTAL OBS	1018.8 9.276 310	1019.1 9.178 282	1017.4 8.578 310	1017.8 8.045 300	1016.1 5.868 310	1016.6 5.482 300	1016.7 4.449 310	1018.1 3.922 310	1018.9 5.192 300	1019.9 7.248 310	1019.5 7.735 300	1018.9 9.367 310	1018.1 7.356 3652
10	MEAN S.D. TOTAL OBS	1019.8 9.434 310	1019.8 9.362 282	1017.8 9.134 310	1017.1 8.231 300	1016.3 5.897 310	1016.8 5.510 300	1016.9 4.469 310	1018.5 3.981 310	1019.4 5.217 300	1020.4 7.510 310	1020.2 7.839 300	1019.8 9.407 310	1018.6 7.548 3652
13	MEAN S.D. TOTAL OBS	1017.8 9.324 310	1018.3 9.312 282	1016.2 9.219 310	1015.7 8.046 300	1015.2 5.895 310	1016.0 5.471 300	1016.1 4.460 310	1017.6 3.890 310	1018.2 5.166 300	1018.9 7.361 310	1018.4 7.761 300	1017.8 9.237 310	1017.2 7.429 3652
16	MEAN S.D. TOTAL OBS	1017.3 9.195 310	1017.3 9.163 282	1015.0 8.816 310	1014.5 7.725 300	1014.1 5.738 310	1015.0 5.403 299	1015.1 4.472 310	1016.5 3.827 310	1017.0 5.082 300	1018.1 7.173 310	1017.8 7.580 300	1017.5 8.939 310	1016.3 7.282 3651
19	MEAN S.D. TOTAL OBS	1018.3 9.075 310	1018.2 9.060 282	1015.8 8.458 310	1015.8 7.319 300	1014.4 5.503 309	1015.1 5.247 300	1015.3 4.266 310	1016.7 3.697 310	1017.4 4.891 300	1019.0 7.002 310	1018.7 7.352 300	1018.3 8.943 309	1016.8 7.146 3650
22	MEAN S.D. TOTAL OBS	1018.6 9.073 310	1018.7 9.046 282	1016.7 8.206 310	1016.1 7.282 300	1015.3 5.500 309	1016.1 5.240 300	1016.1 4.257 309	1017.6 3.656 310	1018.2 4.857 300	1019.6 6.957 310	1019.1 7.394 300	1018.4 9.138 309	1017.9 7.088 3649
ALL HOURS	MEAN S.D. TOTAL OBS	1018.3 9.234 2480	1018.5 9.191 2256	1016.5 8.667 2480	1015.9 7.745 2400	1015.2 5.762 2478	1015.9 5.416 2399	1016.0 4.421 2479	1017.4 3.872 2480	1018.1 5.093 2400	1019.3 7.171 2480	1018.9 7.620 2500	1018.4 9.199 2478	1017.4 7.312 29210

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