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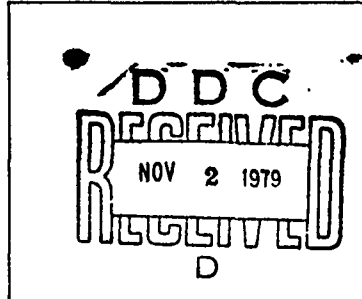
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USAFETAC/DS-79/080

DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

ANDREWS AFB WASHINGTON D C WBAN #13705
N 38 48 W 076 53 ELEV 289 FT KADW WMO #74594

PARTS A-F

POR FROM HOURLY OBS JUN 43-JUL 72
POR FROM DAILY OBS JUN 43-JUL 72

MAR 14 1974

FEDERAL BUILDING
ASHEVILLE, N. C.

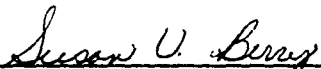
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This technical report has been reviewed and is approved for publication.



SUSAN V. BERRY, 2 Lt, USAF
Information Retrieval
Manager

FOR THE COMMANDER



WALTER S. BURGMANN
Scientific & Technical
Information Officer

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM	
1 REPORT NUMBER USAFETAC/DS- 19/080	2. GOVT ACCESSION NO.	3 RECIPIENT'S CATALOG NUMBER	
4 TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Andrews AFB, Washington, District of Columbia		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 14 Mar /4	
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16 DISTRIBUTION STATEMENT (of this Report) Approved for public release; distribution unlimited.			
17 DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)			
18 SUPPLEMENTARY NOTES			
19 KEY WORDS (Continue on reverse side if necessary and identify by block number)			
*RUSSWO	Daily temperature	Atmospheric pressure	
Snowfall	Extreme snow depth	Extreme surface winds	
Climatology	Sea-level pressure	Psychrometric summary	
Surface Winds	Extreme temperature	Ceiling versus visibility	
Relative humidity	*Climatological data	(over)	
20 ABSTRACT (Continue on reverse side if necessary and identify by block number)			
This report is a six-part statistical summary of surface weather observations for Andrews AFB, Washington, District of Columbia			
It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)			

DD FORM 1 JAN 73 1473

UNCLASSIFIED

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

* District of Columbia

* Andrews AFB, DC

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

1

THE PERIOD OF RECORD JAN 71-JUL 72 FOR HOURLY OBSERVATIONS IN THIS SUMMARY ARE FROM
GWC DATA WHICH IS UNEDITED. THE SPOTS LINED THROUGH IN BLACK INK ARE OBVIOUS ERRORS.

0-24-5 (01 A)

FORM
OCT 67

SPECIAL AGENT USAFETAC

FORM PROCESSING DIVISION
COMM. AC 01-1
AIR NAV. SERVICE (IAC)

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

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

DAILY OBSERVATIONS

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

DESCRIPTION OF SUMMARIES

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

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

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

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: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

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

JANUARY _____

APRIL _____

JULY _____

OCTOBER _____

FEBRUARY _____

MAY _____

AUGUST _____

NOVEMBER _____

MARCH _____

JUNE _____

SEPTEMBER _____

DECEMBER _____

13705	ANDREWS AFB WASHINGTON D C	N 38 48	W 076 53	289	KADW	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 MSL		OBS PER DAT
			FROM	TO			STATION (FT)	TYPE BAROMETER	
1	Camp Springs AB Wash, D C	AAF	Jun 43	Feb 44	N 38 41	W 076 53	N/A	N/A	24
2	Andrews Field Wash, D C	AAF	Mar 44	Dec 47	N 38 49	Same	289	282	24
3	Andrews AFB Wash, D C	AFB	Jan 48	May 54	Same	Same	Same	Same	24
4	Same	Same	Jun 54	Oct 61	N 38 48	Same	Same	Same	24
5	Same	Same	Nov 61	Jul 72	Same	Same	Same	274	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 to Feb 44	Located on W side of Hangar.	Anemometer	N/A	N/A	
2	Mar 44 to Dec 47	Not available.	Selsyn	ML144B	N/A	
3	Jan 48 to Mar 55	Located on top of Hangar.	Same	Same	50 Ft	
4	Apr 55 to Aug 56	Same	Same	Same	60 Ft	
5	Sep 56 to Feb 59	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.	Selsyn AN/GMQ-1	ML144B ML204B	68 Ft 110 Ft	

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION			REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	
6	Mar 59	1. Located on top of Hangar, 1600 ft from Base weather Station.	Same	Same	Same
	Oct 61	2. Same	Same	Same	Same
7	Nov. 61	1. Located on surface 450 ft NW of WOSB.	Same	Same	Surface
	Feb 63	2. Located in center between parallel runways 01L&R and 19L&R on southern sector of the Base.	AN/GMQ-11	HO-2	13 Ft
8	Mar 63	1. Located in center between parallel runways 01L&R and 19L&R 300 ft S of northern end of Runways.	AN/GMQ-11	HO-2	13 Ft
	Feb 66	2. Located in center between parallel runways 01L7R and 19L&R 300 ft N of southern end of Runways.	Same		Same
9	Mar 66	1. Same 1500 ft S of N end of Runways.	Same	Same	Same
	Feb 69	2. Same 1500 ft N of S end of Runways.	Same		Same
10	Mar 69	1. Same	Same	RO-362	Same
	Jun 70	2. Same	Same		Same
11	Jul 70	1. Located 540 ft E of centerline, 1203 ft from end of Runway 19R.	AN/GMQ-20	Same	Same
	Jul 72	2. Located 807 ft W of centerline, 1414 ft from end of Runway 01R.	Same		Same

DATA PROCESSING DIVISION
WAC/DAF
AIR MAIL SERVICE (MAC)
WAVILLE, NORTH CAROLINA

A

PART A

WEATHER CONDITIONS

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

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

Occurrences of 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 - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

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 total columns.

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.

70 10 23

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.

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13705

ANDREWS AFB WASHINGTON D C

43-72

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	8.9	.9	4.1		13.5	15.1	14.3	.4		28.0	21364
FEB		.0	9.2	.7	4.1		13.5	16.1	14.0	.3	.0	28.6	19494
MAR		.1	11.1	.2	2.7		13.6	14.0	9.3	.1	.0	22.2	21477
APR		.4	12.1	.0	.3	.0	12.3	13.3	7.0			19.4	20726
MAY		1.1	10.6		.0	.0	10.6	13.4	10.5		.0	22.1	21457
JUN		1.4	7.1			.0	7.1	11.5	16.8		.0	26.1	20546
JUL		1.7	6.1				6.1	10.9	20.7			28.5	22132
AUG		1.4	6.1				6.1	13.0	22.8		.0	33.1	21523
SEP		.7	7.7			.0	7.7	14.6	14.7			26.9	20840
OCT		.1	8.6		.0		8.6	15.6	13.7			27.1	21524
NOV		.1	9.0	.0	.9		9.7	13.0	13.5		.0	24.7	20827
DEC		.0	8.6	.7	2.8		11.8	14.8	15.1	.1		28.4	21512
TOTALS		.6	8.8	.2	1.2	.0	10.1	13.8	14.4	.1	.0	26.3	253422

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/40

WEATHER CONDITIONS

13705
 STATION

ANDREWS AFB WASHINGTON D C
 STATION NAME

64-72
 YEARS

JAN
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER STORM*	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	ICING 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	.0	9.1	.9	4.3		14.1	15.2	9.8	.5		24.1	2671
	03-05	.7	9.9	1.2	4.5		14.3	17.3	10.6	.4		26.2	2665
	06-08		9.6	1.4	3.7		14.5	19.4	17.1	.3		33.3	2671
	09-11		9.3	.9	4.3		14.2	17.4	21.0	.4		35.9	2673
	12-14	.1	8.7	.7	4.3		13.2	13.8	16.4	.4		28.8	2667
	15-17		7.7	.5	4.1		12.1	12.6	16.0	.3		27.6	2672
	18-20		8.4	.7	3.7		12.5	12.1	13.4	.3		24.8	2675
	21-23		9.1	1.2	3.6		13.3	13.3	10.3	.5		23.0	2670
TOTALS		.0	8.9	.9	4.1		13.5	15.1	14.3	.4		28.0	21364

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13705

ANDREWS AFB WASHINGTON D C

44-72

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
FEB	00-02		9.4	.6	4.3		13.5	13.5	10.2	.2		24.4	2439
	03-05		9.9	.9	3.8		14.2	17.9	10.7	.3	.0	27.4	2438
	06-08		9.1	1.3	3.7		13.7	20.1	17.6	.5		35.2	2437
	09-11		9.7	.7	4.5		14.5	18.2	20.4	.4		36.2	2438
	12-14		8.5	.6	5.1		13.4	14.9	15.1	.3		28.8	2436
	15-17		8.9	.4	4.5		13.4	13.4	14.4	.2		26.8	2435
	18-20	.0	9.4	.7	3.6		13.2	14.3	13.4	.4		26.9	2434
	21-23		8.7	.5	3.4		12.3	14.2	9.8	.3		22.9	2437
TOTALS		.0	9.2	.7	4.1		13.5	16.1	14.0	.3	.0	28.6	19494

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13705 ANDREWS AFB WASHINGTON D C 44-72 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	.2	11.7	.4	2.6		14.3	14.1	6.4	.1		19.3	2687
	03-05	.1	11.1	.2	2.9		13.7	16.4	7.6	.2		22.7	2684
	06-08		11.6	.1	2.6		14.0	18.8	15.8	.2		33.1	2681
	09-11		11.6	.1	2.9		14.2	15.3	12.5	.1		26.7	2688
	12-14	.1	9.7	.1	3.1		12.3	11.7	8.3	.0	.0	19.2	2685
	15-17	.1	10.1	.3	2.4		12.4	11.2	7.7		.0	18.4	2685
	18-20	.3	11.0	.3	2.2		13.1	11.7	9.1			20.1	2683
	21-23	.2	11.8	.3	2.8		14.5	13.0	6.6			18.4	2684
TOTALS		.1	11.1	.2	2.7		13.6	14.0	9.3	.1	.0	22.2	21477

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13705 ANDREWS AFB WASHINGTON D C 44-72 APR
 STATION STATION NAME YEARS MONTH

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

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
APR	00-02	.3	12,0	.0	.4		12,2	14,8	4,4			18,2	2594
	03-05	.2	12,2	.1	.3		12,6	18,1	5,4			22,4	2596
	06-08	.1	12,7		.3		12,9	20,2	11,6			29,9	2595
	09-11	.1	12,2		.3	.0	12,5	12,3	9,4			21,0	2588
	12-14	.3	12,2		.2		12,3	9,6	7,4			16,5	2593
	15-17	.8	12,4		.2	.0	12,5	9,0	7,1			15,6	2590
	18-20	.7	11,5	.1	.2		11,7	10,3	6,6			16,3	2583
	21-23	.4	11,2		.3		11,4	11,8	4,4			15,0	2587
TOTALS		.4	12,1	.0	.3	.0	12,3	13,3	7,0			19,4	20725

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13705 ANDREWS AFB WASHINGTON D C 44-72 MAY
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	UNDER- 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	.8	11.1				11.1	17.4	6.3			21.7	2684
	03-05	.4	11.3				11.3	24.4	9.6			31.1	2689
	06-08	.1	11.0				11.0	23.6	16.1			35.5	2682
	09-11	.1	9.8			.0	9.8	11.0	13.5		.0	23.1	2675
	12-14	.6	9.2		.0	.0	9.2	6.0	10.9			16.1	2676
	15-17	2.0	10.5			.0	10.5	4.8	10.2			14.3	2686
	18-20	2.6	11.3			.0	11.3	7.9	10.5		.0	17.3	2684
	21-23	1.9	10.8				10.8	11.7	7.0			17.4	2681
TOTALS		1.1	10.6		.0	.0	10.6	13.4	10.5		.0	22.1	21457

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DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13705
 STATION

ANDREWS AFB WASHINGTON D C
 STATION NAME

43-72
 YEARS

JUN
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	1.1	7.6				7.6	14.4	12.3			24.8	2561
	03-05	.2	6.8				6.8	25.7	16.2			36.6	2576
	06-08		7.9				7.9	21.3	26.1			41.4	2572
	09-11	.1	6.4				6.4	7.6	21.5			27.7	2574
	12-14	.7	6.0			.0	6.0	5.1	15.7			20.2	2573
	15-17	2.6	6.9				6.9	4.3	13.1			17.0	2576
	18-20	3.2	7.3				7.3	5.4	15.9			20.2	2576
	21-23	2.9	8.1				8.1	8.5	13.7		.0	20.5	2598
TOTALS		1.4	7.1			.0	7.1	11.5	16.8		.0	26.1	20546

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13705

ANDREWS AFB WASHINGTON D C

43-72

JUL

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
JUL	00-02	.7	4.5				4.5	13.7	15.0			24.8	2772
	03-05	.6	5.3				5.3	26.1	20.2			39.2	2769
	06-08	.3	4.9				4.9	23.0	30.4			45.8	2768
	09-11	.2	4.9				4.9	6.0	25.6			30.1	2761
	12-14	1.1	5.8				5.8	2.6	20.4			22.6	2757
	15-17	3.7	8.3				8.3	2.8	19.4			21.5	2774
	18-20	4.2	8.2				8.2	4.9	19.7			23.5	2762
	21-23	2.5	6.5				6.5	8.1	14.6			20.7	2769
TOTALS		1.7	6.1				6.1	10.9	20.7			28.5	22132

2
 DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13705 ANDREWS AFB WASHINGTON D C 43-71 AUG
 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
AUG	00-02	1,2	6,0				6,0	15,6	17,3			29,8	2692
	03-05	,5	6,8				6,8	28,8	20,5			43,5	2694
	06-08	,3	6,6				6,6	30,9	33,1			56,2	2683
	09-11	,3	5,1				5,1	8,6	32,0			38,9	2694
	12-14	,6	5,2				5,2	3,9	22,6			26,0	2680
	15-17	2,0	5,4				5,4	3,0	19,7		,0	22,5	2695
	18-20	3,5	6,9				6,9	5,2	20,6			25,3	2689
	21-23	2,5	7,1				7,1	7,9	16,4			22,8	2696
TOTALS		1,4	6,1				6,1	13,0	22,8		,0	33,1	21523

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 DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13705 ANDREWS AFB WASHINGTON D C 43-71 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	.4	7.6				7.6	16.7	9.5			23.9	2606
	03-05	.4	7.9				7.9	26.1	11.7			34.8	2603
	06-08	.2	8.4				8.4	31.7	25.2			49.5	2603
	09-11	.3	7.2				7.2	11.4	22.3			32.0	2603
	12-14	.4	6.9				6.9	6.5	13.7			19.6	2606
	15-17	1.3	7.6			.0	7.6	5.5	11.8			16.7	2609
	18-20	1.2	8.1				8.1	8.4	12.5			19.8	2604
	21-23	1.0	7.9				7.9	10.7	10.8			19.2	2606
TOTALS		.7	7.7			.0	7.7	14.6	14.7			26.9	20840

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

43-71
YEARS

OCT
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
OCT	00-02	.1	8.5				8.5	18.3	8.5			24.3	2693
	03-05		9.6				9.6	25.2	10.7			33.0	2690
	06-08	.1	8.6		.0		8.6	32.0	23.1			47.8	2691
	09-11		9.3				9.3	14.7	21.4			34.2	2691
	12-14	.0	8.8				8.8	7.7	14.0			21.2	2691
	15-17	.2	8.4				8.4	7.3	12.5			19.1	2690
	18-20	.3	7.7				7.7	8.3	10.7			18.0	2696
	21-23	.2	7.6				7.6	10.9	9.0			18.8	2682
TOTALS		.1	8.6		.0		8.6	15.6	13.7			27.1	21524

2
 DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13705

ANDREWS AFB WASHINGTON D C

43-71

NOV

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
NOV	00-02		9.4	.0	.8		10.1	14.0	10.3			22.3	2603
	03-05	.1	8.7		.8		9.2	17.0	11.0			25.8	2606
	06-08	.0	9.4		1.0		10.1	22.0	18.4		.0	35.5	2604
	09-11	.1	8.7		.9		9.4	14.4	19.7			32.0	2604
	12-14		8.8		1.2		9.8	9.4	13.8			22.5	2604
	15-17	.2	9.0		.8		9.7	8.5	13.9		.1	21.8	2603
	18-20	.3	8.7	.0	.7		9.4	8.3	11.1		.1	18.7	2602
	21-23	.0	9.0	.1	.8		9.9	10.2	9.8			18.9	2601
TOTALS		.1	9.0	.0	.9		9.7	13.0	13.5		.0	24.7	20827

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13705 ANDREWS AFB WASHINGTON D C 43-71 DEC
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
DEC	00-02	.1	7.4	.6	2.3		10.0	14.9	9.8			23.2	2690
	03-05		8.4	.9	2.5		11.5	16.8	10.2	.1		25.9	2686
	06-08		8.7	.7	2.6		11.9	19.4	18.7			35.4	2690
	09-11		8.6	.3	3.3		12.2	16.6	23.2			37.6	2689
	12-14	.0	8.5	.6	3.8		12.4	13.0	16.9			28.6	2687
	15-17	.1	9.2	.7	2.9		12.4	12.5	17.1	.1		28.6	2694
	18-20		9.4	1.0	2.8		12.6	12.1	13.7	.3		25.0	2688
	21-23		8.6	.9	2.4		11.6	13.1	10.9	.1		23.0	2688
TOTALS		.0	8.6	.7	2.8		11.8	14.8	15.1	.1		28.4	21512

PART A

ATMOSPHERIC PHENOMENA

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

The definitions of the phenomena in the Weather Conditions Summary above also apply for the categories in this summary. However, it should be noted that in this summary the columns headed "PERCENTAGE OF DAYS WITH PRECIP" and "PERCENTAGE OF DAYS WITH OBST TO VISION" show the percentage of days rather than 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 columns may not equal the total column.

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

NOTE: A day with rain and/or drizzle was not separately reported in WBAN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than $\frac{5}{8}$ mile.

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXXXXXXXXXX
 WEATHER CONDITIONS
 XXXXXXXXXXXXXXXXXXXXXXXXXXXX
 ATMOSPHERIC PHENOMENA

13705
 STATION

ANDREWS AFB WASHINGTON D C
 STATION NAME

46-72
 YEARS

ALL
 MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
 FROM DAILY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	DAILY	.7	31.4	4.8	21.2	.1	47.5	37.8	45.1	1.8	.1	59.2	834
FEB		.7	32.9	3.8	22.8	.3	47.1	38.3	45.9	2.5		58.3	763
MAR		3.3	38.6	.8	14.6	.2	49.7	36.8	38.5	.6		53.4	837
APR		8.5	45.2	.2	2.9	.2	51.8	37.6	36.0			50.2	809
MAY		17.6	46.7		.2	.5	53.8	45.5	45.0			58.3	837
JUN		19.3	38.4			.6	43.8	46.9	53.7			63.7	810
JUL		23.9	40.4			.2	46.2	44.0	61.8		.2	68.2	837
AUG		18.9	36.8			.1	41.4	54.0	67.4		.1	76.8	806
SEP		7.8	31.2			.3	35.6	47.9	56.0		.1	63.1	780
OCT		2.9	30.4		.1		34.4	47.9	53.0			63.0	806
NOV		1.4	33.5		6.8	.1	41.7	39.9	45.0			56.8	780
DEC		.6	31.4	3.6	16.5		42.6	36.5	45.5	.5		58.3	806
TOTALS		8.8	36.4	1.1	7.1	.2	44.6	42.8	49.4	.4	.6	61.3	9703

DATA PROCESSING DIVISION
PRECIPITATION
SERVICE (WAC)
RALEIGH, NORTH CAROLINA

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This portion of the Uniform Summary presents in two sets of tables, the daily amounts and extreme values of the following:

PRECIPITATION	DERIVED FROM DAILY OBSERVATIONS
SNOWFALL*	DERIVED FROM DAILY OBSERVATIONS
SNOW DEPTH	DERIVED FROM DAILY OBSERVATIONS

1. The first table for each of the above presents the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). The latter statistics above are not presented for the snow depth summary since they would have limited use and may be misleading.
2. The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in computations if one or more observations are missing.

NOTE: Snow depth was recorded and punched at various hours during the period available from U. S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

Air Force Stations	From beginning of record thru 1945	Snow depth at 0800 LST
	Jan 46-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT
U. S. Navy and Weather Bureau Stations	From beginning of record thru Jun 52	Snow depth at 0030 GCT
	Jul 52-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT

* Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956,
~~which has been removed from the summary.~~

2 DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

13705 ANDREWS AFB WASHINGTON D C 43-72
STATION STATION NAME YEARS

PRECIP	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR- ABLE 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	01-0.4	0.51-4	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	51.9	15.1	1.6	7.2	4.3	7.2	6.6	4.2	1.6					32.9	899	2.80	5.96	.27	
FEB	51.1	17.5	2.9	4.4	3.2	6.8	6.1	5.6	1.8					30.9	826	2.83	6.70	.42	
MAR	48.9	16.2	2.4	5.3	4.3	8.2	6.3	5.7	2.4					34.8	899	3.52	6.62	1.12	
APR	47.7	17.5	3.3	6.3	3.9	7.9	6.9	4.2	2.1	.1				34.8	840	3.06	7.15	1.00	
MAY	46.4	17.5	2.8	6.1	4.8	8.0	6.2	4.8	3.1	.3				36.2	899	3.88	1.32	.95	
JUN	55.1	13.4	3.1	5.9	3.3	5.3	6.6	3.9	2.9	.6				31.5	870	3.69	10.54	.77	
JUL	52.9	15.7	1.7	5.3	2.6	7.0	5.1	4.8	4.3	.2				31.4	930	4.44	14.29	.55	
AUG	57.6	14.0	2.3	4.8	3.2	5.3	3.9	4.1	4.0	.3	.2			28.4	899	4.55	14.18	.36	
SEP	62.0	12.3	3.4	4.3	2.1	5.2	4.1	3.9	2.1	.7				28.7	870	3.38	9.03	.56	
OCT	65.2	12.8	1.7	4.4	2.2	3.1	5.1	2.8	2.2	.4				22.0	899	2.95	7.26	TRACE	
NOV	57.0	13.8	2.9	5.3	3.7	6.3	4.6	2.6	3.3	.5				29.2	370	3.25	7.08	.19	
DEC	57.2	14.7	1.9	4.8	3.4	5.9	4.4	4.8	2.9					28.1	899	3.21	6.85	.47	
ANNUAL	54.5	15.0	2.5	5.3	3.4	6.4	5.5	4.3	2.7	.3	.0			30.5	10594	4.64			

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

43-72
YEARS

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR.	APR.	MAY	JUN	JUL	AUG	SEP.	OCT.	NOV	DEC	ALL MONTHS
44	1.89	.56	1.04	1.41	1.01	1.60	2.03	.12	2.37	2.55	1.43	1.21	
45	.71	.79	.73	1.42	.77	1.67	2.98	7.05	2.30	1.46	1.86	1.22	7.05
46	.71	1.50	.37	1.52	3.07	.59	1.77	1.21	1.42	.78	1.03	1.37	3.00
47	1.00	.73	.35	1.03	1.95	3.37	1.02	1.30	.74	1.09	2.60	.83	3.07
48	1.63	.76	1.53	1.09	1.08	1.11	1.59	2.41	.93	2.38	1.23	2.20	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	2.03	1.59	4.07	1.14	2.23	1.29	4.07
51	.35	.87	1.09	.92	1.23	2.11	.93	.95	.88	.30	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	2.70	.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	.63	1.47	1.96	6.40	.43	2.89	.75	.16	6.40
56	.70	.89	1.24	.74	.61	1.19	2.04	1.93	1.87	1.04	1.53	.64	2.04
57	.37	.86	.70	.33	.41	1.68	.37	1.88	.64	1.63	1.19	1.37	1.88
58	1.21	1.30	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	1.10	.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	2.31	.69	3.35
64	1.21	.63	.60	.56	.51	.39	1.74	1.47	1.76	1.06	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	2.07	1.95	.64	3.33
67	.29	.56	1.47	.25	.98	.39	1.51	1.17	.61	.79	.91	.99	1.61
68	2.27	.35	1.44		1.84	1.21	.90	1.62	2.61	1.14	1.12	.82	
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	.82	1.41	1.07	1.65	1.73	.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						
MEAN	.35	.92	1.01	1.00	1.17	1.26	1.53	1.99	1.56	1.38	1.34	1.07	2.92
S.D.	.479	.321	.384	.312	.706	.854	.711	1.606	1.103	.769	.765	.458	1.355
TOTAL OBS.	899	820	899	840	899	870	930	899	870	899	870	899	10594

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/TAC

EXTREME VALUES

PRECIPITATION
 (FROM DAILY OBSERVATIONS)

13705
 STATION

ANDREWS AFB WASHINGTON D C
 STATION NAME

43-72

YEARS

24 HOUR AMOUNTS IN INCHES
 /BASED ON LESS THAN FULL MONTHS/

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG.	SEP	OCT	NOV	DEC	ALL MONTHS
43						0.49							PRECIP DAYS
67				0.44 29									PRECIP DAYS
MEAN													
S D.													
TOTAL OBS													

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/406

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

46-72
YEARS

PRECIP. SNOWFALL SNOW- DEPTH	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	.01	.02-.05	06-10	11-.25	26 .50	31 1 00	1 01-2 50	2 51-5 00	5 01-10 00	10 01-20 00	OVER 20 00	MEAN			GREATEST	LEAST	
	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						
JAN	79.0	12.0	1.9	3.0	1.2	.5	.7	.7	.7						8.7	837	6.0	26.5	TRACE
FEB	77.1	14.2	2.0	2.6	1.5	.8	.1	.8	.7	.1					8.7	734	5.6	22.2	TRACE
MAR	85.3	9.0	1.9	1.3	.5	1.1	.5	.1	.1	.2					9.7	937	3.7	27.5	.0
APR	97.7	1.8	.3	.1		.1									.5	700	.2	2.8	.0
MAY	99.8	.2														837	TRACE	TRACE	.0
JUN	100.0															810	.0	.0	.0
JUL	100.0															837	.0	.0	.0
AUG	100.0															806	.0	.0	.0
SEP	100.0															780	.0	.0	.0
OCT	99.9	.1														806	TRACE	TRACE	.0
NOV	94.0	4.1	.9	.4	.1	.1	.1	.1		.1					1.9	700	1.1	11.1	.0
DEC	83.9	9.6	2.0	1.5	1.4	.6	.2	.6	.2						6.6	806	4.0	17.3	.0
ANNUAL	93.1	4.3	.7	.7	.4	.3	.1	.2	.1	.0					2.7	9650	20.8	X	X

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL
 (FROM DAILY OBSERVATIONS)

13705
 STATION

ANDRHS AFB WASHINGTON DC
 STATION NAME

46-72
 YEARS

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT.	NOV	DEC	ALL MONTHS
43	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
49	5.5	4.5	.0	.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
52	.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	2.6	.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	3.0	12.9
61	5.6	9.2	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	1.2	9.2
62	1.3	2.3	6.7	.0	.0	.0	.0	.0	.0	.0	.0	1.8	6.7
63	2.4	1.2	.4	.0	TRACE	.0	.0	.0	.0	.0	.0	.7	6.0
64	9.6	5.3	3.8	.5	.0	.0	.0	.0	.0	.0	TRACE	3.2	9.6
65	5.2	1.5	3.6	.5	.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	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.4	TRACE
69	TRACE	.4	.2	.0	.0	.0	.0	.0	.0	.0	TRACE	4.1	4.1
70	2.8	3.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	3.6	3.6
71	8.1	.5	.3	.4	.0	.0	.0	.0	.0	.0	TRACE	TRACE	8.1
72	TRACE	7.2	TRACE	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0
MEAN	3.31	3.35	2.04	.16	TRACE	.00	.00	.00	.00	TRACE	1.04	2.60	6.56
S D	3.001	3.514	3.298	.557	.000	.000	.000	.000	.000	.000	2.440	2.541	3.304
TOTAL OBS	837	734	837	780	837	810	837	806	780	806	780	806	9650

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/VAC

EXTREME VALUES

SNOWFALL
 (FROM DAILY OBSERVATIONS)

13705 ANDREWS AFB WASHINGTON D C
STATION STATION NAME

96-72

YEARS

24 HOUR AMOUNTS IN INCHES
 /BASED ON LESS THAN FULL MONTHS/

MONTH YEAR	JAN	FEB.	MAR	APR.	MAY	JUN	JUL	AUG.	SEP.	OCT	NOV.	DEC	ALL MONTHS
43						0	0	0	0	0	0	0	SNOWFALL DAYS
44	0	0	0	0	0	0	0	0	0	0	0	0	SNOWFALL DAYS
45	0	0	0	0	0	0	0	0	0	0	0	0	SNOWFALL DAYS
68		TRACE 28		0	0	0	0	0	0	0	0	0	SNOWFALL DAYS
				29									
MEAN													
S. D.													
TOTAL OBS													

USAF ETAC FORM 0885 (OLI)
 JUL 64

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
 SNOW DEPTH
 (FROM DAILY OBSERVATIONS)

13705
 STATION

ANDREWS AFB WASHINGTON D C
 STATION NAME

43-72
 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	01 0 4	0 5 1 4	1 5 2 4	2 5 3 4	3 5 4 4	4 5 6 4	6 5 10 4	10 5 15 4	15 5 25 4	25 5 50 4	OVER 50 4						
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	77.0	6.7	5.2	2.7	2.0	4.7	1.6	.2						10.4	899				
FEB	77.9	3.9	4.2	3.1	2.8	3.8	1.6	.8						18.2	792				
MAR	91.4	2.4	.9	1.6	1.1	1.0	.9							5.7	899				
APR	99.4	.5		.1										.1	840				
MAY	100.0														899				
JUN	100.0														870				
JUL	100.0														930				
AUG	100.0														399				
SEP	100.0														870				
OCT	100.0														899				
NOV	97.8	1.6	.2	.1	.1	.1								.6	870				
DEC	84.1	5.8	3.3	2.4	.6	2.6	1.2							10.1	899				
ANNUAL	94.0	1.8	1.1	1.0	.5	1.0	.4	.1						4.3	10566				

2
DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

13709 STATION ANDREWS AFB WASHINGTON D C STATION NAME 43-72 YEARS

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN.	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
41							0	0	0	0	0	0	4
44	4	2	1	TRACE	0	0	0	0	0	0	0	2	6
45	2	2	0	0	0	0	0	0	0	0	0	5	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	3	9	0	0	0	0	0	0	0	0	0	2	5
49	10	2	TRACE	0	0	0	0	0	0	0	0	0	10
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	0	TRACE	2
52	TRACE	0	2	0	0	0	0	0	0	0	TRACE	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	3	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	9	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	3	0	0	0	0	0	0	0	TRACE	7	9
63	5	5	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	6	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	0	0	2	3
70	4	3	0	0	0	0	0	0	0	0	0	0	4
71	0		TRACE	0	0	0	0	0	0	0	0	0	
72	0	4	0	TRACE	0	0	0	0	0	0	0	0	
MEAN	4.2	4.0	1.9	.1	.0	.0	.0	.0	.0	.0	.4	2.4	7.0
S D	4.918	3.221	2.975	.378	.000	.000	.000	.000	.000	.000	1.119	3.189	4.919
TOTAL OBS	899	792	899	840	899	870	930	899	870	899	870	899	10566

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

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 ~~January~~ ^{JULY}. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided.

NOTE: According to Circular N specifications, "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 direction and speed, and in addition the mean wind speed 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 VARBL.

- a. Three tables are prepared for all surface winds included, and for all years combined as follows:

- (1) Annual - all hours combined
- (2) By month - all hours combined
- (3) By month - by standard 3-hour groups

- b. A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRUMENT CLASS: 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.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

13705 STATION ANDREWS AFB WASHINGTON D C STATION NAME 46-54, 50-72 YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH	JAN	FEB.	MAR	APR.	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
40		W 52WSW	49		SSW 47S	44ESE	36W	32				WNW 43	
47	N 52W	48WSW	56SW	51SSW	60KNW	49WSW	35NW	26SSW	33S	27NNW	47WNW	49	SSW 60
48	WNW 59SSW	44SSW	44WNW	46N	39SW	49SW	36NW	56KNW	29NNE	36KNW	45NNW	46	NW 56
49	WNW 49NNW	51NNW	49NNW	62S	43ESE	28S	30ESE	60KNW	32NW	32NW	37WNW	44	WNW 62
50	WNW 46W	45W	51SSW	45WSW	42SW	36ESE	45NNE	26KNW	26W	38			
51	NW 44KNW	43NNW	45	WSW 36									
52		NW 46KNW	52			NNE 33		N 35SSW	27NW	43ESE	43		
53						S 43							
56		W 60NW	39		NW 45NW	42NW	36KNW	39NW	59N	31NW	47WNW	42	
57	WNW 48KNW	35NW	37WNW	52SW	46ESE	34KNW	30KNW	30KNW	40NE	43SSW	38ESE	49	WNW 52
58	NW 41KNW	45KNW	39		55E	33KNW	49WSW	49		NE 39NNW	46KNW	45	
59	NW 54KNW	50SW	53W	46ESE	33KNW	40SW	42NE	30KNW	31W	40NW	42SW	43	NW 54
60	W 49KNW	52NNW	53W	49ESE	30NW	33ESE	30SW	43NNW	34KNW	42	43KNW	49	WNW 62
61	NW 48NW	34NW	44W	43W	63KNW	43WSW	34SW	28NW	28NW	30NW	38KNW	44	W 65
62	SW 42NW	34ENE	45NNW	33NNW	38NNW	37NW	46SSW	38KNW	26NW	27ESE	40NW	42	ENE 45
63	WNW 46W	34KNW	35NNW	54KNW	38KNW	35W	43N	38WSW	30NW	36KNW	44NW	39	WNW 54
64	KNW 41NW	52SSW	44NNW	36W	32NW	31NNW	27E	26WSW	25NE	30NNW	31NW	44	NW 52
65	NW 48NNW	42NW	40NNW	44NW	27NW	37NW	61N	44SSW	30ESE	33NNW	46NW	38	NW 61
66	KNW 30		KNW 45KNW	34SW	47KSW	38NNE	33NNW	36E	36NNW	40KNW	39NW	35	
67	NW 47NW	49NW	48NW	41NW	41N	26NW	38KNW	30SE	30NW	38KNW	43NW	40	NW 49
68	WNW 46NW	45NW	54KNW	46NW	36			1/ 4633/	2629/	33 1/	4131/	47	
69		32/ 55		22/ 4321/	4216/	3430/	7432/	4031/	4232/	4733/	5231/	57	
70	31/ 5915/	4759/	4423/	5023/	4227/	4629/	4926/	3832/	4221/	3334/	4232/	55	31/ 59
71	31/ 6031/	4230/	6032/	5221/	3934/	5335/	5624/	3225/	4231/	3334/	4630/	56	31/ 60
72	33/ 3931/	5027/	6928/	38 6/	3433/	4031/	30						
MEAN	47.2	47.3	47.6	45.6	40.7	39.1	40.8	36.8	33.4	35.8	42.6	45.4	56.5
S D	5.818	7.275	7.878	7.289	8.804	7.143	11.916	9.266	8.255	5.540	4.655	5.869	5.721
TOTAL OBS	614	644	700	561	702	681	643	651	594	646	597	617	7650

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MCC

EXTREME VALUES

SURFACE WINDS
 (FROM DAILY OBSERVATIONS)

13705
 STATION

ANDREWS AFB WASHINGTON D C
 STATION NAME

46-54, 36-72

YEARS

DAILY PEAK GUSTS IN KNOTS
 /BASED ON LESS THAN 90% OBSERVATIONS FOR MONTH/

YEAR	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
45													0	WINDS DAYS
46		NW 44 16			NW 43 22					0	0	WNW 35 26		WINDS DAYS
50												SSW 54 SE 40 25 21		WINDS DAYS
51					N 35 13		E 37 25	WSW 43 3	SW 16 21	0	0	W 42 WNW 43 3		WINDS DAYS
52		NW 43 23			SSW 48 16	WNW 43 16		WNW 22 25					SE 26 19	WINDS DAYS
53		WNW 38 20				N 69 20								WINDS DAYS
54			0	0	0	20		0	0	0	0	0	0	WINDS DAYS
55		0	0	0	0	0	0	SSW 24 S 4	37 W 27	W 46 NW 22	36	0	0	WINDS DAYS
56		WNW 47 27			NW 47 16			0	0	0	0	0	0	WINDS DAYS
57					NW 36 24				SW 24 E 27 27			6		WINDS DAYS
66			WNW 45 24											WINDS DAYS
67								SSW 47 25	37 26					WINDS DAYS
68		307 37 24		307 44 26										WINDS DAYS
	MEAN													
	S D													
	TOTAL OBS													

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

43-72
YEARS

ALL
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.7	2.1	.9	.1	.0	.0					5.4	7.9
NNE	.6	1.4	1.4	.5	.1	.0	.0					3.9	7.1
NE	.6	1.5	1.5	.5	.1	.0	.0	.0				4.1	7.2
ENE	.5	1.2	1.1	.4	.0	.0	.0	.0				3.2	7.0
E	.7	1.5	1.2	.3	.0	.0	.0	.0				3.7	6.4
ESE	.5	1.3	1.0	.2	.0	.0	.0	.0				3.1	6.4
SE	.5	1.4	1.3	.3	.0	.0	.0	.0	.0			3.5	6.8
SSE	.6	1.4	1.5	.4	.0	.0	.0	.0	.0			4.0	6.8
S	1.1	2.4	2.8	.9	.1	.0	.0					7.4	7.2
SSW	.7	2.3	2.2	1.5	.3	.1	.0	.0				8.0	8.4
SW	.7	2.2	3.1	1.2	.3	.0	.0	.0				7.5	8.2
WSW	.4	1.3	1.4	.5	.1	.0	.0	.0				3.7	7.7
W	.6	1.9	2.1	.9	.4	.1	.0	.0				6.1	8.7
WNW	.4	1.3	2.5	2.1	1.0	.4	.1	.0	.0			7.7	11.3
NW	.4	1.6	3.1	2.5	1.0	.3	.1	.0				9.1	11.0
NNW	.4	1.2	1.9	1.4	.4	.1	.0	.0				5.3	9.7
VARBL													
CALM												14.2	
	9.9	25.5	31.3	14.2	4.1	1.2	.2	.0	.0			100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 253403

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705 ANDREWS AFB WASHINGTON D C 44-72 JAN

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	.5	1.8	2.0	1.0	.4	.0						5.5	8.1
NNE	.6	1.0	1.1	.5	.1	.0						3.4	7.7
NE	.6	1.0	1.2	.4	.1	.0						3.4	7.3
ENE	.3	.9	.8	.3	.0	.0						2.3	7.3
E	.3	.9	.6	.2	.1							2.3	6.7
ESE	.3	.8	.5	.0								1.8	5.3
SE	.3	1.0	.8	.1	.0							2.1	6.1
SSE	.5	1.1	.9	.2	.0							2.7	6.5
S	1.1	2.1	2.1	.7	.2	.0						6.1	7.0
SSW	.7	2.1	3.0	1.9	.5	.1						6.4	9.1
SW	.9	1.9	2.7	1.6	.3	.1		.0				7.4	8.6
WSW	.3	1.0	1.2	.7	.1	.0	.0					3.4	8.3
W	.3	1.4	2.3	1.3	.6	.1	.0	.0				6.3	9.7
WNW	.4	1.3	3.2	3.6	1.6	.7	.1	.0				11.1	12.6
NW	.3	1.5	4.0	4.1	2.1	.7	.2	.1				13.0	12.4
NNW	.1	1.4	2.3	2.0	.6	.2	.0					6.8	10.5
VARBL												13.9	
CALM												13.9	
	8.4	21.1	28.7	18.7	6.7	1.9	.4	.1				100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 21363

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

44-72
YEARS

FEB
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.6	2.8	1.1	.1	.0	.0					6.0	8.5
NNE	.4	1.2	1.3	.5	.1							3.6	7.4
NE	.5	1.4	1.5	.4	.0	.0	.0					3.9	7.2
ENE	.4	1.2	1.5	.4	.1	.0						3.6	7.4
E	.0	1.6	1.3	.3	.0							3.8	6.5
ESE	.3	1.1	.9	.2	.0							2.6	6.7
SE	.4	1.2	1.1	.2	.0	.0	.0					2.9	6.7
SSE	.4	1.1	1.2	.4	.1	.0	.0					3.1	7.4
S	.7	1.5	2.3	.8	.2	.1						5.6	8.1
SSW	.4	1.3	2.3	1.4	.3	.1	.0	.0				5.9	9.4
SW	.4	1.3	2.6	1.5	.5	.1	.0	.0				6.5	10.0
WSW	.4	.9	1.3	.7	.2	.1	.0	.0				3.4	9.2
W	.4	1.3	2.1	1.7	1.1	.6	.1	.0				7.4	12.0
WNW	.4	1.3	2.9	3.7	2.4	1.0	.2	.0				11.9	13.5
NW	.4	1.5	3.7	3.9	1.6	.7	.2	.0				11.9	12.5
NNW	.4	1.1	2.1	2.2	.6	.2	.0					6.5	11.1
VARBL													
CALM												11.3	
	6.6	20.5	30.9	19.5	7.5	3.0	.6	.1				100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 19493

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

44-72
YEARS

MAR
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	1.7	2.4	1.3	.3	.0						6.1	8.7
NNE	.4	1.1	1.5	.7	.1	.0						3.6	8.2
NE	.4	1.2	1.8	.7	.1	.0						4.1	8.1
ENE	.4	1.3	1.5	.6	.1	.1	.0	.0				4.0	8.0
E	.4	1.7	1.8	.6	.1	.0						4.6	7.3
ESE	.4	1.3	1.6	.5	.1	.0						3.7	7.3
SE	.4	1.1	1.7	.5	.1	.0	.0	.0				3.8	8.2
SSE	.4	.9	1.5	.5	.1	.0						3.4	8.1
S	.4	1.3	2.3	1.2	.5	.0	.0					5.5	8.8
SSW	.4	1.2	2.2	2.0	.7	.1	.0					6.5	10.5
SW	.4	1.2	2.2	1.6	.6	.1	.0					6.1	10.3
WSW	.4	.8	1.3	.7	.2	.1	.0	.0				3.4	9.8
W	.4	1.4	2.5	1.6	.7	.4	.1	.0				7.0	11.1
WNW	.4	1.1	2.7	3.0	1.9	.9	.2	.0	.0			10.1	13.6
NW	.4	1.4	3.7	4.0	2.1	.7	.1	.0				12.3	12.6
NNW	.4	1.3	2.4	2.2	.9	.3	.0	.0				7.2	11.1
VARBL													
CALM												8.4	
	5.3	19.9	33.1	21.5	8.3	2.8	.5	.1	.0			100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 21478

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13703 ANDREWS AFB WASHINGTON D C 44-72 APR
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS

ALL
MOON (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.2	2.0	1.4	.3	.1	.0					5.3	9.4
NNE	.3	.9	1.4	.4	.1	.0						3.2	7.8
NE	.4	1.2	1.7	.5	.1	.0						4.0	7.9
ENE	.4	1.3	1.7	.6	.1	.0						4.1	7.9
E	.6	1.8	1.9	.5	.0	.0						4.9	7.0
ESE	.4	1.4	1.7	.4	.1							3.9	7.4
SE	.3	1.2	1.8	.6	.1							4.0	7.9
SSE	.6	1.1	1.8	.7	.1	.0						4.3	7.8
S	.9	1.8	2.9	1.5	.3	.0						7.5	8.4
SSW	.6	1.5	3.0	2.3	.6	.1	.0					8.3	10.0
SW	.4	1.5	2.6	1.8	.6	.1	.0					7.1	9.8
WSW	.3	1.0	1.3	.7	.3	.1	.0					3.6	9.2
W	.4	1.7	2.3	1.1	.5	.1	.0	.0				6.1	9.3
WNW	.3	1.1	2.5	2.9	1.6	.5	.0	.0				9.0	12.5
NW	.3	1.3	3.2	3.0	1.4	.4	.1	.0				9.8	11.9
NNW	.3	1.3	1.9	1.8	.6	.1	.0					5.9	10.6
VARBL													
CALM												9.2	
	6.8	21.1	32.7	20.4	6.9	1.7	.2	.0				100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 20726

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

44-72
YEARS

MAY
MONTH

ALL WEATHER
CLASS

ALL
NUMBER (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	1.8	1.9	.8	.1	.0						5.1	7.7
NNE	.5	1.5	1.4	.5	.0							3.7	7.1
NE	.6	1.6	1.6	.6	.0							4.4	7.2
ENE	.6	1.4	1.5	.4	.0							3.8	7.0
E	.7	1.8	1.8	.4	.0		.0					4.7	6.8
ESE	.6	1.5	1.6	.4	.0							4.2	6.8
SE	.5	1.6	1.6	.5	.0	.0						4.5	7.3
SSE	.8	1.6	2.0	.6	.0							5.0	7.1
S	1.1	2.4	3.2	1.8	.1	.0						8.1	7.5
SSW	.7	2.2	3.3	1.7	.5	.1	.0					8.3	8.8
SW	.5	2.3	3.6	1.8	.3	.0	.0					8.1	8.4
WSW	.4	1.3	1.8	.8	.2	.0						4.5	8.3
W	.5	2.0	2.1	.9	.2	.0	.0					5.8	8.1
WNW	.3	1.3	2.3	1.6	.7	.1	.0	.0				6.6	10.3
NW	.4	1.3	2.4	1.9	.6	.1						6.6	10.0
NNW	.3	.9	1.6	1.1	.3	.0	.0					4.3	9.6
VARBL													
CALM												12.4	
	9.2	25.8	34.2	14.6	3.3	.5	.1	.0				100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 21454

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

43-72
YEARS

JUN
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.4	1.6	.6	.2	.0						4.2	7.6
NNE	.6	1.2	1.0	.4	.0	.0						3.1	6.7
NE	.3	1.1	1.0	.4	.0	.0						3.0	6.8
ENE	.3	1.2	1.0	.3	.0	.0						3.0	6.6
E	.6	1.4	1.4	.4	.0	.0						3.8	6.6
ESE	.3	1.2	1.1	.2	.0	.0						3.1	6.3
SE	.3	1.8	1.3	.2	.0	.0						3.9	6.4
SSE	1.0	2.1	1.9	.4	.0	.0						5.3	6.3
S	1.9	3.4	3.6	.7	.0	.0						9.1	6.7
SSW	.9	3.3	4.3	1.3	.4	.0						9.9	7.5
SW	.8	3.2	4.2	1.2	.4	.0	.0	.0				9.6	7.5
WSW	.6	1.8	2.0	.4	.4	.0						4.9	7.0
W	.7	2.2	2.4	.5	.4	.0						5.9	7.0
WNW	.4	1.5	2.1	.9	.4	.1	.0					5.4	9.0
NW	.4	1.8	2.4	1.2	.3	.1	.0					6.2	8.7
NNW	.4	1.1	1.2	.8	.2	.0						3.7	8.4
VARBL													
CALM												15.9	
	10.3	29.8	32.5	9.8	1.4	.3	.0	.0				100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 20542

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

43-72
YEARS

JUL
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.8	1.4	.3	.0							4.2	6.6
NNE	.5	1.2	1.1	.2	.0		.0					3.0	6.4
NE	.3	1.4	.9	.1	.0							2.9	6.0
ENE	.4	.9	.7	.1	.0							2.1	6.1
E	.7	1.3	1.0	.1	.0							3.2	5.9
ESE	.6	1.5	.9	.2	.0	.0	.0					3.2	6.1
SE	.6	1.9	1.5	.3	.0	.0	.0					4.4	6.8
SSE	.4	2.3	2.1	.4	.0	.0						3.7	6.4
S	1.9	3.5	3.6	.9	.0	.0						9.6	6.7
SSW	1.1	3.7	4.7	1.4	.2	.0						11.1	7.5
SW	1.0	3.6	3.9	.8	.1	.0						9.4	7.0
WSW	.7	2.2	1.9	.3	.0	.0	.0					5.1	6.8
W	.8	2.5	1.6	.4	.1	.0	.0					5.4	6.3
WNW	.5	1.8	1.7	.6	.1	.0	.0					4.5	7.5
NW	.4	1.3	2.0	.6	.1	.0	.0					4.7	7.8
NNW	.4	.9	1.3	.3	.1	.0	.0					3.2	7.7
VARBL													
CALM												18.5	
	11.2	31.6	30.3	7.3	.7	.1	.0					100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 22133

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

43-71
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	.7	1.9	2.1	.4	.0	.0						5.1	6.9
NNE	.8	1.7	1.6	.3	.0	.0	.0					4.4	6.4
NE	.6	1.7	1.5	.3	.0	.0		.0				4.4	6.6
ENE	.5	1.4	1.8	.1	.0	.0						2.8	6.2
E	.8	1.5	1.1	.1	.0	.0						3.6	5.8
ESE	.7	1.8	1.1	.1	.0	.0						3.8	5.8
SE	.6	1.8	1.4	.1	.0	.0						3.9	6.3
SSE	.6	1.9	1.6	.3	.0	.0						4.6	6.6
S	1.3	3.3	3.3	.6	.0	.0						8.8	6.5
SSW	1.0	3.0	3.6	1.0	.0	.0						8.6	7.1
SW	1.0	3.1	3.3	.6	.0	.0						7.9	6.7
WSW	.7	1.6	1.4	.3	.0	.0						4.2	6.3
W	.9	2.4	1.6	.3	.0	.0						5.2	6.2
WNW	.6	1.5	1.8	.5	.1	.0	.0					4.4	7.4
NW	.6	2.1	2.5	.7	.1	.0	.0					6.1	7.7
NNW	.5	1.2	1.5	.5	.0	.0	.0					3.8	7.4
VARBL													
CALM												18.4	
	12.4	32.0	30.2	6.3	.6	.1	.0	.0				100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 21507

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

43-71
YEARS

SEP
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	.9	2.2	2.7	.8	.1	.0						6.8	7.3
NNE	1.0	2.4	2.1	.7	.1	.0	.0					6.3	6.9
NE	1.0	2.2	1.9	.7	.1	.0						5.9	7.0
ENE	.6	1.5	1.2	.3	.1	.0						3.8	6.9
E	.9	1.8	1.5	.2	.0							4.4	6.0
ESE	.5	1.6	1.1	.1	.0		.0					3.4	6.0
SE	.6	1.7	1.5	.2	.0							4.0	6.4
SSE	.8	1.6	1.3	.3	.0							4.0	6.2
S	1.3	2.9	3.2	.7	.0	.0						8.2	6.8
SSW	.8	2.4	3.1	1.0	.1	.0						7.5	7.5
SW	.9	2.4	2.8	.7	.0							6.5	7.1
WSW	.5	1.3	1.0	.2	.0							2.9	6.3
W	.7	1.8	1.7	.3	.0	.0						4.4	6.7
WNW	.4	1.2	1.5	.6	.1	.0	.0					3.9	8.0
NW	.5	1.7	2.7	1.0	.2	.0	.0					6.2	8.3
NNW	.5	1.5	1.7	.8	.1	.0						4.6	7.8
VARBL													
CALM												16.9	
	11.9	30.3	30.9	8.7	1.1	.2	.0					100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 20840

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

19705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

43-71
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	.6	2.1	2.6	1.1	.2	.0	.0					5.5	8.1
NNE	.9	1.8	1.9	.5	.0							5.1	6.8
NE	.8	2.0	2.3	.9	.1	.1	.0					6.2	7.7
ENE	.7	1.5	1.4	.5	.0	.0						4.1	6.9
E	.8	1.6	1.0	.2	.0							3.6	5.9
ESE	.5	1.2	.6	.1	.0			.0				2.5	5.7
SE	.5	1.5	1.2	.1	.0	.0			.0			3.3	6.4
SSE	.5	1.2	1.2	.3	.0							3.2	6.6
S	1.1	2.3	2.5	.6	.1	.0						6.5	6.7
SSW	.8	2.3	2.8	1.0	.1	.0						7.0	7.5
SW	.7	2.1	3.0	.9	.2	.0						6.8	7.7
WSW	.4	1.2	1.1	.3	.0	.0						3.1	7.0
W	.7	2.0	2.2	.6	.2	.0						5.7	7.5
WNW	.5	1.2	2.4	1.4	.5	.1	.0					6.1	9.6
NW	.5	1.8	3.4	2.0	.7	.1	.0					8.5	9.6
NNW	.5	1.3	2.1	1.3	.2	.1						5.5	8.9
VARBL													
CALM												16.2	
	10.3	27.1	31.7	11.8	2.5	.4	.0	.0	.0			100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 21524

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

43-71
YEARS

NOV
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.6	1.7	.6	.2	.0	.0					4.7	7.7
NNE	.5	1.4	1.2	.4	.1	.0						3.6	7.0
NE	.6	1.3	.9	.2	.1	.0						3.0	6.5
ENE	.5	1.2	.9	.2	.0							2.8	6.3
E	.5	1.3	.8	.2	.0			.0				2.8	6.0
ESE	.4	1.3	.8	.1	.0	.0	.0					2.8	6.2
SE	.4	1.0	1.1	.3	.1	.0	.0					2.9	7.1
SSE	.6	1.4	1.5	.5	.1	.0	.0					4.2	7.2
S	1.0	2.1	2.8	.9	.2	.0						7.1	7.6
SSW	.7	2.0	3.1	1.5	.3	.1	.0					7.7	8.5
SW	.6	1.9	3.0	1.1	.2	.0	.0					6.7	8.2
WSW	.4	1.2	1.5	.6	.2	.0						3.8	8.0
W	.7	2.1	2.8	1.2	.5	.2	.0					7.7	9.0
WNW	.3	1.2	3.3	2.8	1.4	.5	.0	.0				9.7	11.7
NW	.5	1.8	3.6	3.3	1.5	.4	.1	.0				11.1	11.3
NNW	.5	1.3	2.0	1.5	.5	.1	.0	.0				5.9	9.9
VARBL													
CALM												13.7	
	8.9	24.2	31.1	15.3	3.2	1.4	.2	.0				100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 20830

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

43-71
YEARS

DEC
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	1.4	1.9	.9	.1	.0						4.9	8.2
NNE	.6	1.2	1.0	.4	.0							3.2	6.8
NE	.6	1.3	1.1	.4	.1	.0						3.6	7.2
ENE	.5	.9	.6	.2	.0	.0						2.3	6.5
E	.6	1.1	.7	.1	.0	.0						2.6	5.8
ESE	.5	.9	.5	.1	.1							2.1	5.9
SE	.5	.9	.7	.2	.0							2.2	6.1
SSE	.5	1.0	.7	.1	.0							2.4	6.1
S	1.2	2.0	2.2	.6	.1							6.1	6.9
SSW	.8	2.0	2.6	1.5	.2	.0						7.1	8.3
SW	.7	1.9	3.1	1.3	.4	.0	.0					7.5	8.6
WSW	.5	1.3	1.4	.5	.2	.0	.0					3.9	7.9
W	.7	1.9	2.2	1.2	.5	.2	.0					6.7	9.1
WNW	.4	1.4	3.3	3.4	1.4	.5	.0	.0				10.3	11.7
NW	.5	1.7	4.0	4.1	1.7	.7	.1	.0				12.9	11.9
NNW	.5	1.3	2.3	1.8	.7	.2	.0					6.8	10.6
VARBL													
CALM												15.3	
	9.4	22.3	28.5	16.8	5.7	1.7	.2	.0				100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 21513

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

3705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

44-72
YEAR

JAN
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L S T.)

CONDITION

SPEED (KNTS) D.R.	1 - 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	2.3	.4	.2							5.7	7.2
NNE	.7	.9	1.1	.9	.0							3.7	7.8
NE	.8	1.1	1.4	.3	.3	.0						3.7	7.1
ENE	.3	.8	.6	.2	.0							1.8	7.0
E	.4	.4	.4	.2	.1							1.6	7.2
ESE	.4	.7	.3	.0								1.5	5.1
SE	.1	.8	.8									1.7	6.2
SSE	.4	.7	1.1	.3								2.5	6.9
S	1.2	2.4	3.0	.6	.2							7.4	7.2
SSW	.7	2.2	2.8	2.0	.4	.1						8.2	9.0
SW	.6	2.1	3.0	1.8	.3							7.8	8.4
WSW	.4	.8	.8	.4	.3	.0						2.6	8.0
W	.4	1.8	2.3	1.1	.5	.0	.0					6.4	9.2
WNW	.5	1.2	3.0	3.0	1.5	.6	.0					5.7	12.0
NW	.7	1.6	4.8	4.2	1.6	.5	.1	.1				13.5	11.5
NNW	.3	1.0	2.0	1.8	.4	.4	.0					6.1	11.0
VARBL													
CALM												15.5	
	8.7	20.7	29.9	17.2	5.7	1.7	.2	.1				100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 2669

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705 ANDREWS AFB WASHINGTON D C 44-72 JAN
STATION STATION NAME YEARS 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	.7	1.4	1.6	.9	.3	.1						5.4	8.0
NNE	.9	1.4	1.2	.5	.2	.0						4.3	7.2
NE	.1	.9	1.5	.5	.1							3.5	7.6
ENE	.3	.9	1.0	.3								2.5	7.1
E	.4	.7	.4	.1	.1							1.7	6.9
ESE	.4	.4	.3	.0								1.2	5.3
SE	.3	.7	.6	.0								1.7	5.9
SSE	.4	1.1	.7	.3								2.4	6.3
S	1.0	1.5	2.2	.9	.2							5.8	7.6
SSW	.6	2.3	2.4	2.0	.4	.6						7.9	9.1
SW	1.0	2.4	2.6	1.8	.1	.1						8.1	8.3
WSW	.6	1.1	1.3	.3	.1							3.4	7.1
W	.4	1.3	2.4	1.1	.2	.1						5.5	9.0
WNW	.4	1.2	3.1	3.5	1.4	.5	.0					10.2	11.9
NW	.3	1.5	4.6	3.9	1.8	.6	.0					12.9	11.7
NNW	.2	1.9	2.1	1.7	.3	.2	.1					6.6	9.9
VARBL													
CALM												16.7	
	8.8	21.3	28.1	17.8	5.3	1.8	.2					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 2667

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

44-72
YEARS

JAN
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	1.3	2.4	1.0	.0	.0						5.1	8.4
NNE	.6	1.4	1.3	.3	.1	.0						3.7	7.4
NE	.6	1.5	1.7	.4	.0							4.2	7.0
ENE	.4	.7	1.0	.6								2.7	7.0
E	.3	.9	.6	.1	.0							1.9	6.6
ESE	.6	.5	.2									1.3	4.4
SE	.0	.3	.7	.0								1.1	7.3
SSE	.1	.5	.5	.1								1.3	7.1
S	1.3	1.6	1.5	.5	.1	.0						5.0	6.9
SSW	.7	1.7	3.4	1.9	.4	.1						8.3	9.1
SW	1.2	2.2	2.1	2.0	.1	.0						8.4	8.0
WSW	.5	1.3	1.0	.4	.2							3.4	7.4
W	.6	1.9	2.6	1.3	.4	.1	.0					6.9	8.9
WNW	.5	1.4	2.9	2.6	1.2	.4	.0					9.0	11.9
NW	.4	1.4	4.0	3.9	2.2	.7	.1					12.8	12.9
NNW	.4	1.7	1.9	1.3	.5	.1	.0					6.5	9.7
VARBL													
CALM												18.3	
	8.7	20.2	28.6	17.2	5.3	1.6	.2					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 2668

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705 ANDREWS AFB WASHINGTON D C 44-72 JAN
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	.5	1.2	2.1	1.2	.4	.1						5.4	8.9
NNE	.4	1.2	1.5	.5	.1							3.6	7.7
NE	.4	1.2	1.5	.4	.1							3.6	7.6
ENE	.3	1.0	1.0	.6	.1							3.0	7.8
E	.3	.7	.7	.4								2.1	7.6
ESE	.3	.7	.6	.1								1.6	6.1
SE	.3	.4	.4	.1								1.5	6.1
SSE	.3	.8	.6	.1	.1							1.9	6.8
S	.6	1.7	1.6	.6	.1							4.9	7.1
SSW	.6	2.0	2.9	2.0	.9	.2						8.5	9.7
SW	1.3	1.6	3.3	1.9	.4	.1						8.7	8.7
WSW	.4	1.0	1.5	1.5	.3							4.8	9.3
W	.4	1.3	1.9	1.6	1.1	.1						6.7	10.6
WNW	.4	1.0	2.6	4.0	2.1	.6	.2					11.2	13.2
NW	.1	1.5	3.9	4.2	2.6	.8	.4					13.4	13.3
NNW	.3	.9	3.1	2.6	.9	.3						8.1	11.1
VARBL													
CALM												10.9	
	7.3	18.9	29.3	21.7	8.9	2.4	.6					100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 2673

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

44-72
YEARS

JAN
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-15	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	1.3	1.9	1.3	.3							5.1	9.0
NNE	.2	.6	1.2	.5	.1	.0						2.7	8.8
NE	.1	.7	1.0	.6	.1							2.8	7.8
ENE	.3	.8	.7	.2	.1							2.1	7.0
E	.2	1.1	.9	.2	.1							2.6	7.3
ESE	.1	.8	.5									1.6	5.9
SE	.1	.6	.6	.0								1.3	6.3
SSE	.1	.7	.6	.1	.1							1.7	6.7
S	.6	1.6	1.7	.7	.4							5.0	8.0
SSW	.8	2.2	3.3	2.0	.7	.0						9.0	9.0
SW	.6	1.3	3.2	2.2	.7	.1						8.3	10.0
WSW	.5	1.0	1.7	1.3	.2	.0	.0					4.9	9.4
W	.4	1.4	2.8	2.0	1.2	.3						8.2	11.0
WNW	.2	1.4	3.6	4.5	2.7	1.3	.2					14.2	13.6
NW	.2	1.2	3.7	4.9	2.9	.9	.2	.1				13.4	13.2
NNW	.4	1.0	2.5	2.6	1.0	.2	.0					7.6	11.6
VARBL													
CALM												9.3	
	6.1	18.1	30.0	23.2	10.2	2.5	.5	.1				100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 2667

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705 ANDREWS AFB WASHINGTON D C 44-72 JAN
STATION STATION NAME YEAR 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	.5	1.7	1.8	1.2	.3							3.5	8.6
NNE	.4	.7	.8	.5	.1							2.7	8.3
NE	.5	.7	.9	.4								2.5	7.1
ENE	.4	.9	.7	.3								2.3	6.6
E	.9	1.5	.6	.2	.1							3.3	5.8
ESE	.3	1.0	.9	.1								2.3	6.2
SE	.5	1.1	.9	.1								2.5	6.0
SSE	.4	1.2	.7	.2								2.6	6.2
S	.6	2.1	2.3	.7	.1							6.0	7.2
SSW	1.1	2.4	3.4	2.1	.4	.0						9.4	8.4
SW	.7	2.1	2.5	1.0	.4	.0		.0				6.8	8.3
WSW	.5	1.2	1.2	.9	.2			.0				4.1	8.2
W	.6	1.3	2.7	1.7	.6	.1	.0	.0				7.1	10.1
WNW	.4	1.3	3.0	4.2	1.9	1.1	.3	.0				12.3	13.3
NW	.6	1.2	3.5	4.1	2.2	.7	.3	.1				12.9	13.1
NNW	.6	1.3	2.3	2.5	.6	.1						7.3	10.3
VARBL													
CALM												10.5	
	9.1	21.7	28.5	20.2	6.9	2.1	.6	.2				100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 2672

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

44-72
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	.4	2.3	1.8	.9	.1							5.9	7.5
NNE	.7	1.0	.9	.8	.1							3.2	7.4
NE	.5	1.3	.9	.5	.1							3.3	7.3
ENE	.2	1.0	.8	.3	.1							2.4	7.3
E	.9	1.0	.4	.4	.1							2.7	6.3
ESE	.7	1.5	.3									2.5	4.6
SE	1.0	2.0	1.1	.1	.0							4.3	5.6
SSE	.8	2.0	1.5	.4								4.7	6.3
S	1.3	2.9	2.2	.6	.0							7.3	6.2
SSW	.9	1.8	2.5	1.4	.5							6.7	9.0
SW	.4	1.7	2.3	1.0	.2							5.6	8.1
WSW	.4	.8	.6	.4	.1							2.5	7.6
W	.2	1.4	1.5	.8	.3	.0	.1					4.7	8.7
WNW	.2	1.3	3.7	3.3	1.9	.6	.1	.0				11.1	12.4
NW	.7	1.5	3.7	3.9	1.8	.6	.2					12.4	12.1
NNW	.3	1.6	2.4	1.2	.4	.2						6.1	9.4
VARBL													
CALM												15.2	
	9.8	25.1	26.5	15.8	5.8	1.4	.4	.0				100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 2676

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

44-72
YEARS

JAN
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	2.2	2.2	1.0	.0	.0						6.1	7.6
NNE	.6	1.1	1.0	.5	.1							3.4	7.4
NE	.8	.8	1.2	.2	.1							3.1	6.7
ENE	.2	.8	.4	.2	.1							1.7	7.4
E	.6	1.2	.4	.1	.2							2.4	5.3
ESE	.6	.8	.6	.1	.1							2.1	5.5
SE	.4	1.3	1.0	.1	.0							2.8	6.3
SSE	1.0	1.7	1.0	.5	.0							4.3	6.3
S	1.2	3.1	2.4	.6	.2							7.5	6.8
SSW	.6	1.9	3.6	2.1	.4	.0						8.7	9.3
SW	.9	1.2	2.1	1.3	.2							5.8	8.3
WSW	.4	.9	1.0	.6								2.9	7.5
W	.4	1.1	2.1	.7	.7	.0	.0					5.1	9.7
WNW	.3	1.3	3.5	3.6	1.4	.6	.1					10.8	12.2
NW	.6	1.8	3.7	3.4	1.9	.8	.1	.1				12.4	12.1
NNW	.1	1.6	2.1	1.6	.5	.2	.1					6.2	10.4
VARBL													
CALM												14.8	
	9.2	23.0	28.3	16.7	5.9	1.7	.3	.1				100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 2671

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

44-72
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	.5	2.0	3.8	1.0	.1							7.4	7.9
NNE	.5	1.6	1.4	.3	.0							3.9	6.8
NE	.5	1.1	1.3	.2								3.2	6.5
ENE	.3	1.3	1.0	.4	.0							3.0	6.8
E	.6	1.9	1.2	.1								3.5	6.1
ESE	.3	.9	.3	.1								1.6	5.8
SE	.6	1.2	.9	.1								2.8	6.0
SSE	.5	.8	1.3	.3								2.5	7.3
S	.6	2.1	2.5	1.1	.1							6.4	7.9
SSW	.7	1.5	2.8	1.2	.4	.2						6.8	9.3
SW	.2	1.2	1.8	1.8	.4	.2						5.6	10.8
WSW	.4	.6	1.1	.6	.1							2.8	8.6
W	.6	1.7	1.9	1.5	.8	.4		.0				7.0	10.3
WNW	.5	1.7	2.7	3.4	1.2	.6	.2	.1				10.3	12.1
NW	.4	1.8	4.2	3.3	1.0	.6	.0					11.6	11.2
NNW	.2	1.4	2.5	1.8	.5	.1	.0					6.7	10.1
VARBL													
CALM												14.4	
	7.3	22.6	30.9	17.5	4.6	2.1	.3	.1				100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 2439

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

44-72
YEARS

FEB
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	1.9	2.8	1.2		.0						6.4	8.0
NNE	.9	2.3	1.1	.7	.1							4.9	6.6
NE	.4	1.8	1.4	.3								3.9	6.6
ENE	.7	1.3	1.5	.4								3.9	6.6
E	.4	1.4	1.3	.4								3.4	6.8
ESE	.2	.5	.4	.0								1.1	6.0
SE	.3	.7	.7									1.7	6.0
SSE	.5	.7	.5	.2	.0							2.0	6.7
S	1.1	.9	2.1	.5	.1	.0						4.8	7.3
SSW	.5	1.7	2.3	1.5	.3							6.3	8.8
SW	.3	1.7	3.8	1.9	.5	.2	.0					8.4	9.7
WSW	.2	.8	.8	.5	.2							2.5	9.3
W	.8	1.2	1.6	1.2	.8	.4	.1					6.1	10.9
WNW	.4	1.7	2.8	3.4	1.7	.9	.1	.0				10.9	12.4
NW	.2	2.1	3.7	3.6	1.3	.5	.0					11.4	11.3
NNW	.3	1.5	2.1	2.2	.9	.0						6.6	9.9
VARBL													
CALM												13.7	
	7.5	22.1	28.9	17.9	5.5	2.1	.3	.0				100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 2438

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

44-72
YEARS

FEB
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.6	3.2	1.2	.1	.1	.0					6.6	8.7
NNE	.7	1.8	1.3	.3	.2							4.1	7.0
NE	.8	2.2	1.8	.5	.0							5.3	6.6
ENE	.4	1.4	1.7	.6								4.1	7.5
E	.7	1.3	1.0	.3	.1							3.5	6.6
ESE	.6	.7										1.7	6.2
SE	.5	.6	.6	.2								1.6	6.8
SSE	.5	.7	.2	.0								1.9	7.0
S	.7	1.6	1.6	.4	.1							4.4	7.0
SSW	.9	1.7	2.5	.9	.2	.1						5.8	8.4
SW	.7	1.8	3.7	1.3	.3		.1	.0				8.0	8.7
WSW	.3	1.5	1.5	.8	.1							3.9	8.2
W	.4	1.7	3.0	1.0	1.3	.5	.1	.0				8.0	11.2
WNW	.3	1.7	2.9	3.2	1.8	.7	.2					10.9	12.6
NW	.4	1.8	3.2	2.8	1.0	.5	.1					9.8	11.5
NNW	.3	.9	2.0	1.9	.7	.2						6.0	10.9
VARBL													
CALM												15.0	
	8.0	21.1	31.5	15.7	6.0	2.0	.5	.1				100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 2436

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13703
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

44-72
YEARS

FEB
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	.4	1.0	2.3	1.6	.4	.0						5.3	10.2
NNE	.4	1.1	1.6	.7								3.9	7.9
NE	.2	1.7	2.3	.9	.0							5.2	8.1
ENE	.3	1.3	2.0	.4	.0							4.3	7.1
E	.3	1.1	1.7	.9	.0							3.7	7.8
ESE	.2	1.0	1.2	.2	.0							2.7	7.0
SE	.4	1.3	.7	.1	.0	.0						2.5	6.6
SSE	.4	.9	.8	.4	.1	.0						2.6	7.3
S	.0	1.3	1.9	.7	.2	.1						4.7	8.4
SSW	.5	1.3	2.3	1.4	.4	.1	.1					6.4	9.6
SW	.4	1.3	3.0	1.6	.3	.2	.1					7.3	9.8
WSW	.5	1.2	2.0	.7	.3	.1						4.8	8.8
W	.3	1.1	2.1	1.8	1.4	.8	.2					7.9	13.1
WNW	.1	1.1	2.3	3.7	3.3	1.6	.4	.1				12.7	15.3
NW		.6	3.4	4.4	1.7	1.0	.2	.0				11.4	14.1
NNW	.2	.3	2.0	2.3	.8	.3	.0					6.3	12.8
VARBL													
CALM												8.0	
	5.4	18.0	31.9	21.6	9.3	4.6	1.1	.2				100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 2438

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705 ANDREWS AFB WASHINGTON D C 44-72 FEB

STATION STATION NAME YEARS MONTH

ALL WEATHER 1200-1400

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.0	1.8	.8	.2							4.1	9.5
NNE	.2	.9	1.5	.5	.0							3.1	7.9
NE	.4	1.3	1.7	.6	.1							4.1	7.6
ENE	.2	.8	1.7	.5	.0							3.3	8.0
E	.5	.9	1.4	.3	.0							3.2	7.2
ESE	.5	.8	.9	.4	.1							2.7	7.4
SE	.2	.9	.9	.2	.1							2.3	7.0
SSE	.2	.7	.9	.3	.0	.0						2.2	7.9
S	.2	1.0	2.7	1.0	.4	.1						5.5	9.8
SSW	.4	1.1	3.0	2.3	.5	.0						7.5	10.0
SW	.4	1.1	3.1	1.8	.8	.4						7.5	10.9
WSW	.1	.8	2.2	1.8	.4	.2	.0					4.8	10.3
W	.3	1.2	2.5	2.4	1.8	1.4	.2	.0				9.8	13.7
WNW	.2	1.4	3.2	4.4	3.1	1.9	.5					14.7	14.6
NW	.2	.8	3.0	4.4	2.9	1.2	.3	.1				12.8	14.5
NNW	.2	.5	2.0	2.3	.9	.3	.0					6.3	12.3
VARBL													
CALM												6.2	
	4.6	15.4	32.7	23.2	11.2	5.5	1.1	.1				100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 2436

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

44-72
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	.2	1.3	2.1	1.1	.1							4.8	9.0
NNE	.2	.6	1.4	.7	.1							3.0	8.8
NE	.2	.7	1.6	.5								3.0	8.0
ENE	.1	.7	1.6	.5	.1							3.1	8.7
E	.5	1.9	1.3	.3								4.2	6.5
ESE	.4	1.8	1.8	.5	.0							4.4	7.0
SE	.3	1.2	1.4	.3	.0							3.2	7.5
SSE	.2	1.0	1.1	.4	.1							2.9	7.7
S	.4	1.5	3.1	1.3	.3	.1						6.8	9.2
SSW	.4	1.4	2.3	1.5	.2	.1						5.9	9.2
SW	.4	1.2	2.1	1.4	.8	.2						6.2	10.6
WSW	.4	1.1	1.7	1.0	.4	.1						4.8	9.3
W	.6	1.0	1.8	1.9	1.2	.9	.2	.0				7.6	13.0
WNW	.5	1.3	2.6	4.3	3.4	1.4	.1	.1				13.6	14.2
NW	.3	1.2	3.2	5.3	2.4	.9	.2					13.6	13.5
NNW	.2	.9	1.8	2.3	.7	.3	.1					6.3	11.8
VARBL													
CALM												7.0	
	5.4	18.7	31.2	23.2	9.9	3.9	.7	.1				100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 2435

2

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

44-72
YEARS

FEB
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	.5	2.1	2.5	.9	.2							6.2	7.8
NNE	.4	.4	1.0	.7								3.0	7.7
NE	.8	1.2	.9	.4	.0							3.3	6.6
ENE	.4	1.2	1.4	.5	.2	.0						3.7	8.3
E	1.1	2.0	1.4	.2								4.7	9.7
ESE	.6	1.9	1.3	.2								4.0	6.1
SE	.6	2.1	2.1	.5								5.4	6.7
SSE	.6	2.4	2.0	.5	.1							3.3	7.3
S	1.0	2.1	2.0	.4	.0	.0						6.1	7.2
SSW	.4	.9	1.6	.8	.2	.2						4.0	9.7
SW	.4	.8	1.4	1.5	.5			.0				4.1	10.0
WSW	.4	.6	.4	.4	.0	.1	.1					1.9	9.7
W	.4	1.3	1.9	1.6	1.1	.2	.0	.1				6.7	11.4
WNW	.4	1.4	2.7	3.8	2.5	.6	.1					11.4	13.0
NW	.4	1.5	4.2	3.8	1.3	.5	.2	.0				12.1	11.9
NNW	.4	1.5	2.6	2.5	.5	.2						6.9	10.7
VARBL													
CALM												11.1	
	8.2	24.0	28.9	18.6	6.7	1.7	.5	.2				100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 2434

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

44-72
YEARS

FEB
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	.7	1.8	3.5	.9	.0							6.9	7.7
NNE	.3	1.0	1.1	.4	.0							2.9	7.6
NE	.3	1.5	.9	.2	.0	.0	.0					3.0	7.1
ENE	.4	1.5	1.1	.2								3.1	6.6
E	.8	2.0	1.0	.2								3.8	5.8
ESE	.5	1.1	.8	.1								3.0	6.8
SE	.8	1.3	1.8	.3								4.0	6.9
SSE	.4	2.2	2.1	.9	.0							5.7	7.5
S	1.0	1.8	2.7	.7	.0							6.3	7.4
SSW	.4	1.1	1.5	1.3	.5	.2						4.9	10.1
SW	.4	1.2	1.6	1.1	.5	.0	.0					4.9	9.9
WSW	.1	.7	.6	.2	.0	.1	.1					1.9	9.5
W	.2	1.1	2.1	1.8	1.0	.2		.0				5.5	11.4
WNW	.1	1.0	3.8	3.4	1.9	.7	.1					11.1	12.7
NW	.2	1.8	4.3	4.0	1.6	.4	.1					12.4	11.8
NNW	.4	1.3	2.2	1.9	.7	.1	.0					6.7	10.4
VARBL													
CALM												12.9	
	6.6	22.4	31.2	18.2	6.4	1.7	.5	.0				100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 2437

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

44-72
YEAR

MAR
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	.4	2.2	2.7	1.2	.3							6.8	8.2
NNE	.3	1.0	.9	.7	.1							3.0	8.0
NE	.3	1.4	1.9	.5								4.2	7.4
ENE	.6	1.2	1.5	.9								4.2	7.7
E	.7	1.8	1.2	.4	.1							4.2	6.7
ESE	.3	1.2	1.2	.1								2.8	6.7
SE	.7	1.3	1.1	.2	.2							3.7	6.8
SSE	.5	1.2	1.3	.3	.2							3.5	7.5
S	.6	2.0	2.8	1.5	.1	.1	.0					7.7	8.5
SSW	.6	1.4	2.5	1.7	.5	.1						6.6	9.4
SW	.2	1.2	2.5	1.1	.3	.1						5.3	9.4
WSW	.1	.6	1.1	.3	.5	.1						2.5	9.1
W	.1	2.1	2.6	1.2	.6	.2	.1					7.0	10.1
WNW	.4	.9	2.8	2.6	1.7	.7	.1					9.0	12.9
NW	.2	1.9	3.8	3.0	1.9	.6	.0					11.3	11.9
NNW	.5	1.6	1.9	1.9	.7	.1	.0	.0				6.5	10.5
VARBL													
CALM												12.0	
	6.1	23.3	31.8	17.6	6.9	1.9	.3	.0				100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 2688

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

44-72
YEARS

MAR
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	2.5	2.8	1.0	.2	.0						6.7	8.1
NNE	.2	1.6	2.1	.6	.1							4.5	7.8
NE	.6	1.5	1.8	.8	.2	.1						4.9	8.1
ENE	.6	2.2	1.4	.6			.0	.0				4.7	6.8
E	.6	1.4	1.5	.5	.1	.0						4.1	7.5
ESE	.5	.7	.6	.1	.1	.0						2.0	6.8
SE	.3	.9	.7	.2	.2	.0	.0					2.5	8.2
SSE	.5	.8	.7	.0	.6							2.2	6.8
S	.7	1.7	2.2	.9	.1							5.7	7.7
SSW	.6	1.8	2.6	1.8	.4	.0						7.2	8.9
SW	.4	1.3	2.9	1.5	.5							6.7	9.3
WSW	.1	1.2	1.3	.3	.2							3.2	8.0
W	.6	2.0	2.8	1.1	.7	.2	.1					7.4	9.4
WNW	.2	1.3	2.3	2.2	1.5	.4	.1					8.0	12.3
NW	.6	1.3	3.7	3.6	1.9	.4	.0					11.1	11.6
NNW	.3	2.0	2.3	1.3	.4	.2						6.6	9.1
VARBL													
CALM												12.4	
	7.2	24.1	31.6	16.5	6.3	1.5	.3	.0				100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 2685

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

44-72
YEARS

MAR
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.9	2.2	1.4	.3							6.2	8.6
NNE	.5	1.3	2.2	.4	.1							4.5	7.6
NE	.5	1.6	2.5	1.0	.1							5.7	8.0
ENE	.6	1.8	1.9	.7	.1							5.0	7.3
E	.6	1.9	1.8	.2	.0							4.5	6.5
ESE	.2	1.0	.9	.3								2.4	6.7
SE	.2	.7	.7	.2	.1	.1	.0	.0				2.2	9.1
SSE	.4	.7	.6	.3	.1							2.1	7.8
S	.4	1.3	2.0	1.0	.1							4.8	8.0
SSW	.4	1.5	2.8	2.0	.6		.0					7.3	9.8
SW	.7	1.9	3.0	1.6	.6							7.8	8.9
WSW	.2	1.0	1.4	.7	.1	.0						3.4	8.5
W	.3	1.7	1.9	1.7	.4	.2	.2					6.3	10.4
WNW	.2	1.1	2.6	2.4	1.0	.8	.1					8.1	12.3
NW	.3	1.7	3.6	4.0	1.3	.6	.0					11.5	11.7
NNW	.4	1.6	2.8	2.1	.6	.1						7.6	10.1
VARBL													
CALM												10.3	
	6.2	22.8	32.9	19.7	5.7	1.9	.4	.0				100.0	8.4

TOTAL NUMBER OF OBSERVATIONS

2680

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13705 STATION NAME ANDREWS AFB WASHINGTON D C YEARS 44-72 MONTH MAR
 CLASS ALL WEATHER HOURS (L & 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	.4	1.2	3.1	1.9	.2	.1						6.7	9.4
NNE	.3	1.0	1.7	.9	.0							4.0	8.3
NE	.3	1.3	2.3	.9	.2							4.9	8.3
ENE	.2	1.3	1.5	.9	.1	.1						4.1	8.9
E	.1	1.4	2.0	.7	.0	.0						4.8	7.7
ESE	.3	1.0	1.3	.4	.0							3.1	7.4
SE	.1	.7	1.2	.3	.1		.0					2.7	7.9
SSE	.1	.6	1.3	.4								2.6	8.0
S	.3	.9	1.9	1.0	.4	.1						4.5	9.7
SSW	.1	1.1	2.3	2.7	.9	.2						7.3	11.3
SW	.2	1.1	2.7	2.9	.7	.2						7.8	11.0
WSW	.1	.6	1.9	1.6	.3	.1	.0	.0				4.7	10.7
W	.1	.6	2.2	1.7	.6	.6	.3					6.3	12.7
WNW	.1	.7	2.5	3.9	2.5	1.0	.2	.1				11.0	14.7
NW	.1	.7	3.5	4.4	2.6	1.0		.0				12.4	13.6
NNW	.2	.7	2.4	2.8	1.4	.6	.1					8.1	13.0
VARBL													
CALM												5.1	
	4.0	15.0	33.9	27.3	9.9	3.9	.7	.2				100.0	10.5

TOTAL NUMBER OF OBSERVATIONS 2688

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

44-72
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	.1	1.3	2.0	1.3	.4	.0						5.3	9.8
NNE	.1	.7	1.0	.9	.1							2.8	9.3
NE	.3	.8	1.3	.5	.0							3.1	8.3
ENE	.2	1.2	1.3	.7	.2							3.6	8.6
E	.5	1.1	2.4	.7	.1							4.2	7.8
ESE	.1	.7	1.9	.6	.1							3.5	8.9
SE	.2	.7	1.4	.3	.1		.0					2.8	8.7
SSE	.1	.3	1.1	.3	.2							2.0	9.0
S	.4	.5	2.0	1.6	.4	.2						5.1	10.6
SSW	.1	.9	2.3	2.3	1.8	.4	.0					8.0	12.7
SW	.4	.8	3.1	2.4	1.1	.3	.0					8.1	11.5
WSW	.3	.6	1.6	1.3	.6	.2	.0	.0				4.7	11.6
W	.2	1.0	2.6	2.4	1.3	.5	.1	.0				8.2	12.5
WNW	.3	1.2	2.8	3.9	2.7	1.3	.3	.0	.0			12.8	14.4
NW	.1	1.1	3.5	4.4	2.8	1.2	.2	.0				13.5	13.9
NNW	.3	.9	2.3	2.4	1.4	.4	.1					7.7	12.4
VARBL													
CALM												4.6	
	3.6	13.7	32.2	26.7	13.3	4.6	1.1	.1	.0			100.0	11.2

TOTAL NUMBER OF OBSERVATIONS 2685

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

44-72
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	.8	2.2	1.2	.4	.1						5.0	10.2
NNE	.3	.7	1.3	.8	.1							3.2	9.1
NE	.1	.8	1.6	.5	.1							3.2	8.6
ENE	.4	.7	1.5	.4	.1	.1						3.0	8.5
E	.3	1.3	2.6	.8	.1							5.1	8.3
ESE	.4	1.7	2.9	.8	.1							5.9	8.0
SE	.1	.9	2.0	1.0	.1	.0						3.8	10.0
SSE	.1	.4	1.3	.7	.1							2.6	9.7
S	.1	.6	2.0	1.3	.2	.0						4.4	10.2
SSW	.3	1.0	2.4	2.3	.9	.2						7.3	11.4
SW	.2	1.0	1.6	1.6	1.0	.4	.0					6.0	11.6
WSW	.2	1.0	1.3	1.3	.3	.1	.2					4.3	10.9
W	.5	1.3	3.0	2.0	.7	.9	.2					8.6	11.9
WNW	.2	1.2	2.8	3.8	2.8	1.3	.5	.1				12.8	14.7
NW	.2	1.3	3.9	4.6	2.2	1.0	.2					13.4	13.1
NNW	.1	1.0	2.5	2.9	.8	.4						7.6	11.8
VARBL													
CALM												3.8	
	3.5	15.6	35.7	26.3	10.2	4.5	1.6	.1				100.0	10.9

TOTAL NUMBER OF OBSERVATIONS 2685

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

44-72
YEARS

MAR
MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L & T)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.3	2.3	1.0	.3							6.3	8.0
NNE	.3	1.2	1.3	.9	.0							3.7	8.0
NE	.2	1.1	1.5	.5	.1							3.4	8.2
ENE	.3	1.0	1.7	.4	.1	.1						3.7	8.3
E	.5	2.6	2.0	.5								5.6	6.8
ESE	.4	2.4	2.1	.9								5.9	7.1
SE	.3	1.9	4.0	1.0	.1							7.3	8.3
SSE	.7	1.6	2.3	1.1	.0	.0						5.8	8.0
S	.4	1.2	2.2	1.3								5.2	8.3
SSW	.5	.9	1.2	1.3	.1							4.0	9.6
SW	.5	1.2	1.2	.6	.4	.1						3.8	9.3
WSW	.2	.7	.7	.3	.1	.1	.0					2.1	8.8
W	.3	1.2	1.9	1.2	.0	.5						5.7	11.2
WNW	.3	1.0	2.7	2.6	1.7	1.0	.1	.0				9.5	13.5
NW	.2	1.9	3.5	4.5	2.5	.5	.1					13.3	12.4
NNW	.2	1.2	2.5	2.0	.9	.1						7.0	10.6
VARBL													
CALM												7.6	
	5.4	23.8	33.7	20.2	7.1	2.3	.3	.0				100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 2683

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

44-72
YEARS

MAR
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.8	2.3	.9	.2	.0						6.0	7.8
NNE	.5	1.0	1.7	.6	.1	.0						3.3	8.2
NE	.5	1.2	1.4	.6	.1							3.5	7.9
ENE	.5	1.2	1.4	.5	.1	.1						3.7	8.3
E	.5	1.6	1.3	.5	.0							4.3	6.8
ESE	.5	1.6	1.6	.3	.1							3.8	6.8
SE	.5	1.6	2.4	.4	.0							5.1	7.2
SSE	.5	1.3	3.3	.7	.1							6.5	7.9
S	.7	2.1	3.3	1.4	.1							7.6	8.0
SSW	.5	1.0	1.8	1.0	.3	.0						4.5	9.5
SW	.5	.6	1.2	.8	.5	.0						3.3	10.5
WSW	.5	.6	.6	.3	.1	.1						2.0	8.2
W	.2	1.4	2.8	1.3	.5	.2						6.4	9.9
WNW	.2	1.2	2.9	2.8	1.7	.7	.2					9.7	12.7
NW	.5	1.3	4.1	3.7	2.0	.5	.0					12.0	12.4
NNW	.5	1.2	2.3	2.0	.6	.1						6.6	10.4
VARBL													
CALM												11.7	
	6.1	21.5	33.9	18.0	6.7	1.9	.2					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 2684

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705 STATION ANDREWS AFB WASHINGTON D C STATION NAME 44-72 YEARS APR 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	.4	1.2	1.9	1.2	.2							4.9	8.9
NNE	.6	1.3	1.3	.3	.1							3.6	6.9
NE	.5	1.0	1.6	.5	.0							3.9	7.9
ENE	.4	1.9	1.1	.4	.1							3.5	7.1
E	.4	1.7	1.5	.5	.1							4.3	7.3
ESE	.4	1.3	.8	.1								2.6	5.8
SE	.4	1.1	1.2	.2	.0							3.0	6.9
SSE	.7	1.5	1.6	.3								4.1	6.3
S	1.4	3.0	3.5	1.3	.2	.1						9.4	7.4
SSW	.8	2.3	3.5	2.2	.6	.1						9.5	9.0
SW	.5	1.9	3.3	1.2	.1							6.9	8.2
WSW	.1	1.0	.9	.2	.1							2.4	7.8
W	.3	2.1	2.4	.8	.3		.0	.0				6.0	8.3
WNW	.3	1.1	2.2	2.4	.9	.2						6.4	10.4
NW	.5	1.5	3.6	2.7	.7	.2						9.1	10.4
NNW	.5	1.2	2.6	1.2	.4	.0						5.9	9.0
VARBL													
CALM												14.3	
	8.3	24.9	33.2	15.5	3.2	.5	.0	.0				100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 2593

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

44-72
YEARS

APR
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	1.7	2.1	.9	.1							5.2	7.8
NNE	.4	1.5	1.7	.3	.2							4.2	7.4
NE	.6	2.0	1.8	.7	.0	.0						5.2	7.2
ENE	.8	1.3	1.4	.2	.1							3.9	6.5
E	.7	1.4	1.7	.2	.1							4.1	6.4
ESE	.3	.8	.4	.1								1.6	5.8
SE	.2	.9	.3	.2	.0							1.7	6.5
SSE	.3	1.0	.9	.1								2.5	6.1
S	1.3	2.4	2.7	1.2	.2	.0						7.7	7.4
SSW	.8	2.1	3.8	1.8	.6	.1						9.2	8.9
SW	.8	2.1	2.7	2.0	.3	.1						7.9	8.7
WSW	.1	1.0	1.4	.3								2.8	7.5
W	.3	2.3	2.6	.7	.3							6.2	7.8
WNW	.2	1.6	2.6	1.9	.5	.1	.0					6.9	10.1
NW	.3	1.9	3.9	2.6	.7	.2	.1					9.7	10.3
NNW	.4	1.2	2.3	1.0	.3							5.3	8.8
VARBL													
CALM												16.0	
	8.2	25.2	32.3	14.2	3.4	.6	.2					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 2596

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

44-72
YEARS

APR
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	1.3	2.5	1.3	.3	.1	.0					5.7	9.7
NNE	.3	1.2	2.0	.5	.0							4.1	7.6
NE	.0	1.8	2.1	.8	.1							5.4	7.6
ENE	.6	2.2	1.8	.8	.1							5.6	7.3
E	.5	2.0	1.3	.1								4.1	6.3
ESE	.4	1.1	.8	.2								2.5	6.2
SE	.2	1.0	.7	.1								2.0	6.3
SSE	.3	.7	.6	.2	.1							2.2	7.3
S	1.0	1.5	2.0	1.2	.2	.0						5.9	7.9
SSW	.7	1.9	3.5	1.8	.8	.1						8.8	9.4
SW	.1	2.0	4.1	1.7	.6	.0						8.9	9.5
WSW	.3	1.3	1.4	.5	.2							3.8	8.0
W	.0	1.6	2.4	.6	.2	.0	.1					5.5	8.5
WNW	.0	1.0	2.5	2.3	1.3	.2						7.7	11.4
NW	.0	1.3	3.4	2.7	1.2	.3	.1	.0				9.3	11.6
NNW	.1	1.3	1.7	1.7	.4	.0						5.7	9.5
VARBL													
CALM												12.2	
	7.4	23.4	33.2	16.9	5.8	.8	.2	.0				100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 2595

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

44-72
YEARS

APR
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.2	2.2	2.1	.5	.3						6.6	10.5
NNE	.4	1.1	1.8	.7	.0	.0						4.0	8.0
NE	.4	1.3	2.4	.4	.2	.0						4.7	8.0
ENE	.2	1.2	1.9	1.1	.1							4.4	8.8
E	.6	1.7	2.4	.5								5.2	7.0
ESE	.2	1.2	1.8	.6	.1							3.9	8.0
SE	.4	.7	1.3	.2	.1							2.5	7.5
SSE	.4	.6	1.2	.6	.0							2.8	7.9
S	.3	.8	1.9	1.2	.4	.0						4.6	9.9
SSW	.5	1.2	3.1	3.1	.7	.1						8.7	10.7
SW	.3	1.2	2.8	3.1	1.1	.2	.0					8.8	11.3
WSW	.2	1.0	1.7	1.5	.5	.0						5.0	10.4
W	.4	1.2	2.3	1.5	.5	.2						6.2	10.3
WNW	.2	.7	2.3	3.6	2.4	.8	.0					10.2	13.9
NW	.3	.8	3.1	3.6	1.9	.8	.1					10.5	13.1
NNW	.2	.8	1.9	2.5	.5	.2						6.1	11.5
VARBL													
CALM												5.9	
	5.3	16.6	34.0	26.1	9.1	2.9	.2					100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 2589

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

44-72
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	.0	.0	2.0	1.2	.4	.0						4.7	10.1
NNE	.0	.0	1.3	.2	.1							2.4	7.6
NE	.0	.0	1.4	.4	.2	.1						3.2	8.6
ENE	.0	1.5	2.0	.7	.2	.0						4.5	8.6
E	.0	1.5	2.0	.5								4.8	7.3
ESE	.0	1.2	1.8	.4	.1							3.8	8.0
SE	.0	.7	1.5	.6	.0							3.4	8.7
SSE	.0	.7	1.2	.6	.2	.0						2.9	9.0
S	.0	.8	2.7	2.3	.4	.1						6.7	10.5
SSW	.0	.4	2.4	3.4	1.0	.3	.0					8.5	11.9
SW	.0	.9	2.2	2.1	1.1	.2						6.9	11.6
WSW	.0	.9	1.9	1.5	.7	.3						5.6	10.9
W	.0	1.7	3.1	1.8	1.0	.3	.0					8.2	10.9
WNW	.0	1.3	2.3	3.8	3.0	1.2	.0					12.5	13.9
NW	.0	1.5	2.9	3.4	1.7	.8		.0				10.5	12.7
NNW	.0	1.3	2.0	2.7	.8	.2	.0					7.5	11.2
VARBL													
CALM												3.9	
	2.1	17.2	32.9	26.1	10.8	3.8	.2	.0				100.0	10.4

TOTAL NUMBER OF OBSERVATIONS

2594

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

44-72
YEARS

APR
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	.8	1.8	1.7	.5	.1						5.2	10.4
NNE	.4	.4	.8	.4	.1							2.0	8.9
NE	.3	.8	1.4	.5								3.0	7.9
ENE	.1	.8	2.0	.7	.1							3.7	8.7
E	.3	1.3	2.6	.9	.1							5.4	8.3
ESE	.2	1.1	3.6	1.1	.1							6.2	8.7
SE	.2	.8	2.3	1.5	.2							4.9	9.5
SSE	.3	.7	2.4	1.0	.1	.0						4.5	9.0
S	.3	.6	2.5	2.1	.4	.0						5.9	10.5
SSW	.4	1.1	2.5	3.2	.8	.2	.1					7.9	11.2
SW	.3	1.3	2.3	2.1	1.0	.1						7.1	10.8
WSW	.5	.8	1.8	.9	.7	.2						4.9	10.2
W	.6	1.2	2.2	1.7	.7	.2	.1					6.8	10.7
WNW	.2	1.0	3.2	3.7	2.8	1.1	.1					12.2	13.8
NW	.2	.9	2.7	3.3	2.7	.6	.0					10.6	13.4
NNW	.1	.8	1.9	2.1	1.1	.2	.0					6.3	12.0
VARBL													
CALM												3.3	
	4.4	14.8	36.2	27.1	11.0	2.7	.4					100.0	10.5

TOTAL NUMBER OF OBSERVATIONS

2589

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 13705 STATION NAME: ANDREWS AFB WASHINGTON D C YEARS: 44-72 MONTH: APR
 CLASS: ALL WEATHER HOURS (L.S.T.): 1800-2000
 CONDITION: _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	1.8	1.7	1.2	.3	.0						5.3	8.7
NNE	.4	.4	.7	.3	.2							1.7	8.4
NE	.4	1.7	2.3	.6	.2	.0						3.2	8.6
ENE	.4	1.0	1.8	.4	.1							3.6	7.9
E	.4	2.4	2.5	.6	.0	.0						6.4	6.8
ESE	.1	2.7	2.7	.6	.1							6.8	7.1
SE	.7	2.4	4.3	1.3	.1							8.9	7.9
SSE	.7	1.7	3.2	1.0	.2							7.9	8.4
S	.9	2.3	3.2	1.3	.2							7.8	7.7
SSW	.8	.8	2.4	1.2	.5	.0						5.2	9.7
SW	.8	1.3	2.1	1.4	.2	.0						5.4	9.1
WSW	.8	1.1	.5	.8	.3							2.3	7.6
W	.0	1.4	1.6	.6	.4	.1						4.7	8.5
WNW	.3	.9	2.5	2.7	1.7	.4	.0	.0				8.7	12.4
NW	.1	1.8	2.7	3.3	1.4	.5						9.7	11.9
NNW	.2	.9	1.2	1.8	.9	.3						5.3	11.8
VARBL													
CALM												7.0	
	7.5	23.5	34.5	19.7	6.5	1.5	.1	.0				100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 2584

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

44-72
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 - 54	≥ 56	%	MEAN WIND SPEED
N	.3	1.1	1.7	1.3	.2	.0						4.9	9.1
NNE	.3	1.0	1.3	.3	.2							3.2	8.1
NE	.3	1.4	1.4	.3	.0							3.3	7.4
ENE	.3	1.0	1.3	.7	.0							3.4	7.9
E	.7	2.2	1.4	.3	.0							4.7	6.4
ESE	.3	1.4	1.6	.3	.1							4.1	7.1
SE	.4	1.7	2.8	.6	.1							5.6	7.5
SSE	1.3	2.0	3.2	.6	.3							7.7	7.4
S	1.4	3.2	4.9	1.8	.3	.0						11.7	7.9
SSW	1.0	1.4	2.8	1.9	.3	.0						7.9	8.9
SW	.3	1.2	1.7	.6	.5	.0						4.9	8.8
WSW	.3	.7	.7	.3	.1							2.0	7.7
W	.4	1.4	1.7	.9	.2	.1						5.2	8.4
WNW	.1	1.0	2.3	2.9	1.0	.1						7.3	11.7
NW	.4	1.0	3.1	2.6	1.2	.2	.1					8.9	11.2
NNW	.2	1.0	1.8	1.6	.5	.1						5.2	10.5
VAREL													
CALM												11.2	
	8.5	23.3	33.6	17.6	5.1	.6	.1					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS

1386

2

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

44-72
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	.7	2.5	1.7	.6	.0							5.3	6.7
NNE	.5	1.5	1.2	.3	.1							3.6	6.8
NE	.9	1.3	1.8	.5								4.6	7.0
ENE	.7	1.0	1.2	.1								3.1	6.1
E	.5	1.1	1.1	.2	.0							2.9	6.6
ESE	.4	.9	.7	.3								2.4	6.5
SE	.7	1.4	1.3	.1								3.6	6.0
SSE	1.2	1.9	1.3	.3	.1							4.7	6.0
S	1.8	3.1	3.7	1.4	.1	.0						10.1	7.0
SSW	.9	3.4	3.3	1.1	.3	.0						8.9	7.5
SW	1.0	2.8	4.8	.9	.1							9.6	7.4
WSW	.4	1.5	2.1	.3								4.3	6.9
W	.4	2.8	2.0	.8	.1							5.3	6.7
WNW	.4	1.0	2.2	.6	.2							4.4	8.4
NW	.8	1.6	2.2	.9	.4	.0						5.3	8.6
NNW	.5	.6	1.4	1.0	.1	.1						3.5	9.6
VARBL													
CALM												17.9	
	11.2	28.2	32.0	9.0	1.6	.2						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 2683

2

DATA PROCESSING BRANCH
ETAC/USAF
AIP WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

44-72
YEARS

MAY
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	2.3	2.1	.7								6.1	6.7
NNE	.6	1.9	1.3	.4								4.2	6.4
NE	.6	2.0	1.7	.7								5.0	7.0
ENE	.6	1.7	1.0	.1								3.5	6.0
E	.9	1.1	1.0	.2								3.3	3.9
ESE	.4	.9	.6	.2								2.1	6.3
SE	.3	1.2	1.1	.1								2.7	5.3
SSE	1.1	1.2	.9	.1								3.4	5.3
S	1.6	2.4	2.2	1.0								7.2	6.6
SSW	.8	2.6	3.0	1.3	.3	.0						8.3	8.0
SW	.8	3.6	3.2	.6	.3							8.3	7.0
WSW	.4	1.4	2.4	.3	.1							4.8	7.4
W	.8	2.9	2.6	.3								6.7	6.4
WNW	.4	1.3	2.0	.9	.2	.1						4.9	8.7
NW	.3	1.6	2.2	1.0	.4	.0						5.7	8.6
NNW	.3	1.1	1.8	.6	.2							4.1	7.9
VARBL													
CALM												19.6	
	11.5	29.4	29.4	8.6	1.4	.1						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 2688

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

44-72
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	2.7	2.7	.6	.2							6.8	7.4
NNE	.7	1.4	2.5	.8	.0							5.4	7.3
NE	.7	2.2	2.6	.6	.0							6.2	7.2
ENE	.7	1.5	1.8	.5	.1							4.4	6.8
E	.7	1.7	1.6	.2	.1							4.3	6.6
ESE	.8	.9	.7	.2								2.2	5.9
SE	.4	.7	.9	.2								2.3	6.7
SSE	.5	.7	.6	.1								1.9	5.6
S	.6	1.9	2.4	.7	.0							5.6	7.4
SSW	.8	2.1	2.8	1.8	.3	.0						7.8	8.6
SW	.7	2.6	3.0	1.7	.3	.0						10.4	8.3
WSW	.5	1.4	2.1	1.0	.2							5.3	8.3
W	.7	3.1	2.3	.6	.0							6.8	8.8
WNW	.4	1.8	2.5	1.7	.4							6.6	9.3
NW	.7	1.5	2.2	1.9	.4							6.7	9.3
NNW	.1	1.2	1.6	1.1	.3	.0	.0					4.4	9.4
VARBL													
CALM												12.8	
	9.6	27.0	34.2	13.7	2.5	.1	.0					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 2681

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

44-72
YEARS

JAY
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	.7	1.1	2.1	1.2	.1							5.7	8.6
NNE	.5	1.4	1.9	.6								4.2	7.5
NE	.7	2.1	1.9	.6								5.2	6.9
ENE	.7	1.5	2.4	.5	.1							5.2	7.3
E	.6	2.1	1.9	.6	.0							5.2	7.0
ESE	.6	1.3	1.8	.3								4.0	6.7
SE	.3	1.3	1.0	.3								2.9	6.8
SSE	.4	.9	1.2	.3	.0							2.9	7.2
S	.4	1.4	2.6	1.2	.3							5.9	8.6
SSW	.4	1.8	3.9	2.2	.7	.1						9.2	9.7
SW	.4	1.9	3.7	1.9	.6							8.5	9.2
WSW	.3	.9	1.9	1.3	.3	.0						4.9	9.8
W	.3	1.7	1.8	1.4	.7	.1						6.0	9.8
WNW	.5	1.0	2.8	2.7	1.4	.1						8.5	11.2
NW	.3	1.2	2.9	3.2	.9	.1						8.6	11.1
NNW	.3	.8	2.0	1.5	.3	.0	.0					5.0	10.3
VARBL													
CALM												8.6	
	7.3	22.4	33.7	19.8	5.6	.6	.0					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS

2675

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

44-72
YEARS

MAY
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.6	1.4	.9	.1	.0						4.4	8.3
NNE	.7	1.1	2.0	.6	.0							4.5	7.2
NE	.6	1.2	1.3	.6	.1							3.8	7.7
ENE	.6	1.1	1.3	.3	.1							3.7	7.4
E	.5	1.6	2.8	.6	.1							5.5	7.8
ESE	.3	1.8	2.3	.3	.0							5.1	7.4
SE	.1	1.1	1.6	.4	.1	.1						3.5	8.5
SSE	.1	1.0	1.8	.9	.1	.1						3.9	9.0
S	.6	1.0	2.7	1.6	.2							6.0	9.0
SSW	.4	1.7	3.8	1.9	1.0	.3	.0					9.1	10.3
SW	.4	1.7	3.3	2.8	.4	.1						9.0	9.8
WSW	.3	1.4	2.2	1.3	.3							5.7	9.5
W	.3	1.3	2.3	2.1	.6	.1						7.2	10.2
WNW	.2	1.5	2.9	2.9	1.2	.4	.1					9.1	11.7
NW	.3	.9	2.3	2.7	1.0	.1						7.5	11.2
NNW	.3	.8	1.8	1.7	.3	.0						4.7	10.2
VARBL													
CALM												7.2	
	6.3	20.8	36.6	22.0	5.8	1.2	.1					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 2678

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

44-72
YEARS

MAY
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	.5	1.1	2.0	1.3	.1	.1						5.7	9.0
NNE	.5	1.1	.9	.6	.0							3.1	7.3
NE	.5	.6	1.6	.6								3.1	7.6
ENE	.4	1.0	1.7	.8	.1							4.0	8.3
E	.7	2.2	3.1	.5	.1							6.5	7.1
ESE	.7	1.5	3.5	1.0	.0							6.8	7.9
SE	.4	1.6	2.6	1.0	.1	.0						5.8	8.2
SSE	.3	1.3	2.5	1.0	.1							5.1	8.4
S	.4	1.8	3.1	2.2	.3	.0						7.8	9.2
SSW	.4	1.5	3.6	2.8	.7	.1						8.6	10.4
SW	.2	1.5	3.1	1.9	.4	.1	.0					7.2	10.1
WSW	.3	.6	2.0	1.8	.4							4.5	9.8
W	.4	1.6	2.5	1.2	.4	.0						6.2	8.9
WNW	.3	.9	3.2	2.7	1.5	.2	.0	.0				8.9	12.0
NW	.3	1.3	2.6	2.3	.7	.1						7.4	10.5
NNW	.1	.9	1.7	1.3	.5		.0					4.5	10.4
VARBL													
CALM												5.2	
	6.3	20.5	39.1	22.6	5.5	.8	.1	.0				100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 2686

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

44-72
YEARS

MAY
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	.3	1.5	1.6	.9	.1							4.1	7.9
NNE	.4	1.2	1.0	.2								2.9	6.5
NE	.5	1.5	1.0	.6	.0							3.5	7.4
ENE	.6	1.2	1.2	.4								3.4	7.0
E	1.0	2.4	1.7	.5	.0		.0					5.5	6.4
ESE	1.3	3.3	2.3	.4								7.3	6.1
SE	1.0	3.0	3.6	1.6	.1	.0						9.4	7.6
SSE	1.4	2.6	4.1	.8								8.9	7.0
S	1.7	3.2	4.0	.8	.0	.0						9.8	6.7
SSW	.9	1.8	2.7	1.3	.1	.0						6.9	8.0
SW	.5	2.3	1.8	.6	.1	.0						5.4	7.4
WSW	.3	1.2	.9	.6		.0						3.0	7.4
W	.5	1.1	1.2	.8	.0	.0	.0					3.8	8.1
WNW	.3	1.7	2.4	.7	.4	.1	.1					5.7	8.9
NW	.4	1.0	1.8	1.5	.5	.2						5.4	10.3
NNW	.3	.9	1.2	.9	.3	.1	.0					4.0	9.3
VARBL													
CALM												11.1	
	11.7	29.8	32.6	12.2	1.8	.6	.2					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 2683

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

44-72
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	.4	1.4	1.5	.4		.0						3.8	7.4
NNE	.1	.9	1.7	.3								2.0	7.3
NE	.6	1.6	1.2	.5	.1							4.0	7.1
ENE	.6	.7	1.2	.3								2.9	6.8
E	.7	1.8	1.3	.4								4.3	6.4
ESE	.4	1.7	1.1	.2	.0							3.5	6.4
SE	.6	2.2	2.4	.6								5.7	6.9
SSE	1.3	3.0	3.8	.9	.0							9.1	7.1
S	1.9	4.6	4.8	.8	.1							12.1	6.7
SSW	.9	2.5	3.2	.9	.3							7.7	7.6
SW	.2	1.8	4.0	.5	.0							6.5	7.9
WSW	.5	1.6	1.0	.2	.1							3.4	6.8
W	.3	1.6	1.6	.4	.0	.0						4.1	7.3
WNW	.2	1.0	1.6	.9	.3	.1						4.2	9.0
NW	.4	1.2	2.3	1.3	.5	.1						6.0	9.6
NNW	.3	1.0	1.5	.5	.4	.0						3.8	9.1
VARBL													
CALM												16.8	
	9.8	28.4	33.7	9.2	1.9	.3						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 2680

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

43-72
YEARS

JUN
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	.4	1.1	1.3	.2								2.9	7.0
NNE	.3	.7	.9	.3	.0							2.2	7.2
NE	.7	.8	.8	.4								2.5	6.0
ENE	.4	.9	.7	.2								2.2	6.2
E	.7	1.5	.5	.4								2.6	5.3
ESE	.2	.4	.3	.2								1.1	7.3
SE	.5	1.4	1.5									3.2	5.9
SSE	1.6	2.1	1.3	.2	.0							5.4	5.3
S	2.0	5.2	4.3	.2	.1							11.8	6.1
SSW	1.3	3.4	4.4	.9	.0							10.0	7.0
SW	1.2	3.8	4.3	.5	.0							9.8	6.5
WSW	.6	2.4	1.8	.2								5.0	6.2
W	.9	2.3	2.5	.2	.0							6.1	6.3
WNW	.5	1.8	1.6	.4	.2							4.3	7.4
NW	.5	2.2	2.0	.4	.2	.0						5.3	7.5
NNW	.4	1.1	.7	.5	.0	.1						2.8	8.0
VARBL													
CALM												22.5	
	11.8	31.1	29.1	4.7	.6	.1						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 2560

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

43-72
YEARS

JUN
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.9	1.5	.3								4.7	6.4
NNE	.5	1.1	.5	.5								2.6	6.8
NE	.8	.8	.9	.2								2.7	5.7
ENE	.6	1.1	.9	.2								2.8	6.1
E	.4	.9	.5	.3								2.2	6.5
ESE	.2	.8	.2	.0								1.3	5.4
SE	.5	.6	.3	.0								1.4	4.8
SSE	1.0	1.3	.8	.1	.1							3.3	5.6
S	1.7	3.1	2.1	.3								7.1	5.9
SSW	1.3	4.5	4.4	.9								11.1	6.7
SW	1.3	4.5	3.6	.5								10.0	6.3
WSW	1.1	2.1	1.6	.0								4.9	5.7
W	1.2	2.3	2.2	.4	.1							6.3	6.5
WNW	.6	2.0	2.3	.2	.2							5.3	6.9
NW	.7	2.4	2.0	.9	.1	.0	.0					6.2	7.6
NNW	.7	1.2	.9	.6	.1							3.4	6.9
VARBL													
CALM												24.8	
	13.6	30.7	24.9	5.5	.5	.0	.0					100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 2575

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

43-72
YEARS

JUN
MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.1	2.2	.9								5.8	7.3
NNE	.7	1.8	1.7	.4	.0							4.7	6.7
NE	.8	1.7	1.0	.6								4.2	6.4
ENE	.7	1.3	1.0	.5								3.5	6.6
E	.4	1.5	.8	.3								3.1	6.5
ESE	.4	.6	.5	.1	.0							1.6	5.9
SE	.3	.7	.3	.0	.0							1.5	5.9
SSE	.5	.8	.7	.0								2.1	6.1
S	.4	2.1	1.3	.9								4.3	6.6
SSW	.8	3.7	4.7	1.2	.1							10.5	7.3
SW	.9	4.0	6.2	1.2	.1							12.9	7.4
WSW	.9	2.1	2.5	.3								5.8	6.5
W	.9	2.5	2.1	.2	.1							5.8	6.4
WNW	.3	1.9	2.3	.8	.3							5.8	7.9
NW	.6	2.4	3.1	1.2	.2	.0						7.6	8.3
NNW	.5	1.2	2.1	.8	.2	.1						4.8	8.4
VARBL													
CALM												16.6	
	9.9	30.4	32.6	9.3	1.1	.1						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 2972

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

43-72
YEARS

JUN
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	.4	1.5	1.8	1.5	.2							5.2	8.2
NNE	.7	1.8	1.6	.5	.0							4.4	6.7
NE	.8	1.8	1.6	.8	.1							4.3	7.5
ENE	.5	1.6	1.4	.5								4.0	6.8
E	.5	1.3	1.7	.5								4.1	7.1
ESE	.0	1.0	1.2	.1	.1							3.0	6.5
SE	.4	1.4	.6	.2	.0							2.8	6.2
SSE	.4	.9	.9	.3								2.3	6.7
S	.5	1.9	2.4	.5								5.4	7.1
SSW	.4	2.8	4.3	1.5	.2							9.6	7.8
SW	.8	3.1	4.5	1.9	.2	.0						10.6	8.0
WSW	.8	1.8	2.4	.9	.2	.0						6.1	7.6
W	.5	2.2	2.6	.5	.0	.0						6.4	7.0
WNW	.5	1.7	2.1	1.8	.9	.2	.0					7.0	10.4
NW	.4	1.9	3.4	1.9	.4	.0						8.0	9.2
NNW	.7	1.4	1.9	1.2	.3	.1						5.5	8.7
VARBL													
CALM												10.9	
	9.0	28.4	34.6	14.1	2.5	.4	.0					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 2574

0
2
0

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

43-72
YEARS

JUN
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	1.0	1.8	1.0	.2							4.2	8.9
NNE	.6	1.6	1.2	.4	.0	.0						3.9	6.7
NE	.4	1.1	1.4	.7	.0							3.9	7.9
ENE	.5	1.4	1.7	.2								3.9	6.7
E	.4	1.3	1.9	.4	.0							4.3	7.2
ESE	.4	1.4	1.3	.2	.1							2.5	6.8
SE	.4	1.6	1.6	.3								3.9	6.8
SSE	.5	1.8	1.8	.3								4.2	7.3
S	1.0	1.8	3.2	1.4	.1							7.3	8.0
SSW	.4	2.6	4.2	2.0	.1	.1						9.5	8.6
SW	.4	2.8	5.5	2.0	.2			.0				10.7	8.6
WSW	.4	2.0	2.6	.7	.4	.0						5.9	8.0
W	.3	1.7	3.6	1.1	.2							6.9	8.5
WNW	.6	1.3	3.4	1.4	.8	.4	.0					7.9	10.0
NW	.5	1.4	2.8	1.8	.8	.0						7.2	9.7
NNW	.2	1.4	1.5	.9	.2							4.1	8.7
VARBL													
CALM												9.0	
	7.2	25.9	39.4	15.1	2.7	.6	.0	.0				100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 2571

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

43-72
YEARS

JUN
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	.2	1.2	2.1	.5	.1							4.2	8.3
NNE	.5	1.0	1.1	.5								3.1	7.1
NE	.2	.8	1.1	.3	.0							2.4	7.0
ENE	.5	1.0	1.1	.4	.0							3.0	7.3
E	.6	1.8	2.7	.5	.0							5.6	7.1
ESE	.6	2.4	2.8	.3	.0							6.2	6.7
SE	.2	1.9	2.1	.6								4.9	7.3
SSE	.9	1.8	3.6	.5	.1	.0						6.9	7.4
S	.4	2.0	4.9	1.7	.0							9.1	8.8
SSW	.3	2.4	5.4	2.3	.2	.1						10.7	8.9
SW	.4	2.7	4.2	1.9	.1		.0					9.4	8.7
WSW	.4	1.9	2.3	.7	.1							5.0	7.9
W	.5	1.9	2.8	1.0	.2							6.2	8.2
WNW	.5	1.3	2.2	1.7	.3	.2						6.2	10.1
NW	.5	1.6	2.1	2.2	.4	.2						6.8	10.1
NNW	.2	.8	1.4	1.2	.3							3.9	9.5
VARBL													
CALM												6.4	
	6.2	26.2	42.1	16.4	2.2	.5	.0					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 2577

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

43-72
YEARS

JUN
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	1.6	1.2	.5	.0							3.6	7.4
NNE	.7	.8	.7	.5	.0							2.4	6.2
NE	.9	1.0	.8	.5								2.5	6.1
ENE	.5	1.2	.5	.2		.0						2.4	6.1
E	1.0	2.1	1.4	.4								5.0	6.1
ESE	1.2	2.5	1.7	.5								5.7	5.9
SE	1.2	3.6	2.6	.5								7.9	6.4
SSE	1.2	4.0	3.3	.5								9.0	6.3
S	1.7	5.0	4.4	.7	.1	.0						12.0	6.4
SSW	.7	3.7	3.5	.6	.1							8.7	6.9
SW	.9	2.3	2.6	.7	.2							6.7	7.1
WSW	.9	1.3	.9	.3	.1							3.1	6.7
W	.7	2.1	1.6	.5								4.7	6.2
WNW	.3	.9	1.6	.7	.2	.1						3.6	9.6
NW	.3	1.3	1.3	.7	.1	.1						3.8	8.5
NNW	.5	.9	.9	.6	.2							2.8	8.0
VARBL													
CALM												16.0	
	11.8	34.2	29.2	7.4	1.0	.2						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 2576

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

44-72
YEARS

JUN
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.2	1.0	.3	.0	.0						3.0	7.1
NNE	.3	.7	.2	.2								1.5	6.1
NE	.4	.9	.6	.1								1.8	6.4
ENE	.2	.9	.6	.1	.1							1.9	6.6
E	.9	1.0	1.2	.4								3.5	6.5
ESE	.7	1.2	.7	.1								2.8	5.8
SE	.7	2.6	1.8	.2								5.4	6.0
SSE	1.8	4.1	3.1	.4	.0							9.4	5.9
S	3.0	6.3	6.0	.6								15.8	6.1
SSW	1.4	3.4	3.2	.9	.0							8.8	6.7
SW	1.0	2.8	2.8	.5	.1	.0						7.3	6.8
WSW	.5	1.3	1.4	.2	.0							3.5	6.7
W	.7	2.1	1.8	.3	.0							5.0	6.4
WNW	.3	.8	1.3	.2	.0							2.6	7.5
NW	.2	1.6	2.1	.7	.2	.0						4.7	8.4
NNW	.3	.7	.7	.2	.1	.0						2.1	8.1
VARBL													
CALM												20.8	
	12.7	31.8	28.4	5.4	.7	.2						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

2537

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705 ANDREWS AFB WASHINGTON D C 43-72 JUL
STATION STATION NAME YEAR 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	.4	1.5	.8	.3	.0							3.0	6.5
NNE	.3	.7	.8	.1								1.9	6.6
NE	.4	.9	.6	.0								1.9	5.4
ENE	.3	.7	.1	.1								1.3	5.5
E	.5	.6	.4	.1								1.7	5.5
ESE	.4	.9	.3									1.5	4.9
SE	.6	1.5	.8	.1								3.0	5.6
SSE	1.2	2.3	1.6	.2								5.2	5.7
S	2.4	4.6	3.5	.7								11.2	6.0
SSW	1.3	4.9	5.6	1.1	.1							13.1	7.1
SW	1.3	4.0	3.8	.3								9.4	6.3
WSW	1.0	2.4	1.7	.1								5.2	5.6
W	1.0	2.6	1.1	.1								4.9	5.2
WNW	.5	1.8	1.3	.1	.0							3.8	6.1
NW	.4	1.5	1.6	.2								3.5	7.0
NNW	.6	1.1	.9	.4	.0							3.1	7.0
VARBL													
CALM												26.3	
	12.6	31.5	24.9	4.2	.3							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 2771

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

43-72
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	.8	2.6	1.3	.2	.0							5.0	5.9
NNE	1.0	1.2	1.0	.1								3.3	5.6
NE	.7	1.4	.8									2.9	5.2
ENE	.3	.6	.3	.0								1.2	5.0
E	.3	.4	.3	.1								1.0	5.9
ESE	.4	.5	.1									1.0	4.2
SE	.9	1.0	.5		.0							2.1	5.3
SSE	.7	1.6	.7	.0								3.0	5.2
S	2.2	3.6	2.3	.3								8.3	5.4
SSW	1.1	4.3	4.8	1.0	.1	.0						11.7	7.0
SW	1.3	4.6	3.8	.6	.0							10.3	6.5
WSW	1.0	2.8	1.1									4.9	5.1
W	1.3	3.3	1.5									6.2	5.2
WNW	.8	1.6	1.0	.1	.0							3.5	5.8
NW	.5	2.1	1.9	.3	.0							4.6	6.9
NNW	.5	.8	1.0	.3								2.5	6.5
VARBL													
CALM												28.7	
	13.3	32.5	22.2	3.0	.3	.0						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 2769

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705

ANDREWS AFB WASHINGTON D C

43-72

JUL

STATION

STATION NAME

YEARS

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	.9	2.7	2.2	.4								6.3	6.6
NNE	.8	2.1	1.5	.4								4.8	6.3
NE	.7	2.2	1.2	.1								4.2	5.8
ENE	.4	.9	.8	.1								2.2	5.9
E	.1	.9	.6	.1								2.1	5.7
ESE	.1	.6	.1	.0								1.0	5.0
SE	.1	1.0	.4									1.6	5.3
SSE	.1	1.5	.9	.1								2.9	5.6
S	.1	2.6	1.7	.4	.1							5.6	6.5
SSW	1.6	3.8	5.1	1.4	.1	.1						12.1	7.4
SW	1.6	3.9	4.5	.6	.0							10.7	6.7
WSW	.8	2.5	2.0	.3								5.5	6.1
W	1.0	3.3	1.5	.1								5.9	5.4
WNW	.7	2.3	1.8	.5	.0							5.3	6.6
NW	.8	2.3	2.2	.6	.0							5.9	6.9
NNW	.7	1.1	1.8	.5								4.1	7.2
VARBL													
CALM												19.9	
	12.1	33.8	28.2	5.6	.3	.1						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

2768

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13705 STATION NAME ANDREWS AFB WASHINGTON D C YEARS 43-72 MONTH JUL
 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	.8	2.4	2.2	.7								6.1	6.8
NNE	.5	1.8	1.9	.4								4.7	6.8
NE	.7	2.3	1.5	.3								4.7	6.2
ENE	.7	1.6	1.4	.1								3.8	6.0
E	.7	1.0	1.1	.1								3.4	5.9
ESE	.5	1.0	1.0	.1								3.1	5.8
SE	.5	1.2	.8	.2	.1							2.8	6.6
SSE	.7	1.5	1.5	.3								4.1	6.8
S	.4	2.2	2.2	.7	.0							5.8	7.1
SSW	1.0	3.6	4.6	1.7	.3	.1						11.3	7.9
SW	.9	3.2	4.3	1.0	.1							9.9	7.4
WSW	1.0	2.4	2.0	.4								5.9	6.4
W	.7	2.5	1.6	.3	.1							5.9	6.9
WNW	.7	2.1	2.6	1.0	.2							6.8	7.9
NW	.5	2.1	3.1	.8	.1							6.6	7.7
NNW	.7	1.4	2.0	.6	.1							4.9	7.6
VARBL													
CALM												11.3	
	11.0	33.3	34.1	9.2	1.0	.1						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 2762

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

43-72
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	.3	1.8	1.6	.6								4.3	7.3
NNE	.4	1.4	1.3	.3								3.4	6.6
NE	.3	1.3	1.1	.3								3.4	6.5
ENE	.3	1.2	1.1	.3	.0							2.9	7.1
E	.0	1.7	2.1	.2	.0							4.6	6.4
ESE	.3	1.3	1.3	.3	.0							3.8	6.7
SE	.4	1.9	2.1	.6	.0							4.9	7.2
SSE	.2	1.4	2.6	.5	.0							4.7	7.7
S	.6	1.6	3.7	1.6	.1							7.8	8.3
SSW	.3	2.4	4.8	2.0	.4	.1						10.6	8.5
SW	.3	3.2	4.4	1.7	.1							9.3	7.8
WSW	.3	2.2	3.4	1.0	.0							7.2	7.7
W	.3	2.9	2.7	1.3	.2							7.6	7.9
WNW	.3	1.7	2.7	1.3	.2							6.7	8.8
NW	.4	1.6	2.6	1.2	.1							5.9	8.6
NNW	.3	1.1	1.6	.5	.1							3.6	7.8
VARBL													
CALM												9.4	
	7.6	29.0	39.2	13.2	1.5	.1						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 2757

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705 ANDREWS AFB WASHINGTON D C 49-72 JUL
STATION STATION NAME YEARS 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	.5	1.4	1.8	.3								4.0	6.8
NNE	.4	.4	1.3	.1								2.5	6.7
NE	.4	1.3	1.1	.3								3.1	6.8
ENE	.4	.9	.8	.2	.0							2.3	6.3
E	.7	2.3	2.3	.1	.0							5.5	6.4
ESE	.8	2.8	2.3	.8	.1		.0					7.0	7.2
SE	.6	2.4	2.8	.7								6.5	7.2
SSE	.6	1.9	3.0	.6	.1	.0						6.2	7.4
S	.6	2.2	4.6	1.6	.1							9.2	8.3
SSW	.9	2.8	5.3	2.0	.2	.1						10.3	8.3
SW	.5	3.2	4.7	1.9	.1							10.5	8.1
WSW	.3	1.7	2.8	.7	.1							5.4	8.1
W	.3	1.6	2.7	.6	.1	.1						5.7	8.0
WNW	.3	.6	2.2	1.0	.1	.1						4.3	9.2
NW	.4	1.2	2.1	.8	.3							4.8	8.6
NNW	.1	.6	1.6	1.0	.1	.0						3.0	9.7
VARBL													
CALM												8.9	
	7.3	28.1	41.1	12.8	1.6	.3	.0					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 2774

2

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13705 STATION NAME ANDREWS AFB WASHINGTON D C YEARS 43-72 MONTH JUL
 CLASS ALL WEATHER HOURS (L & T.) 1800-2000
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.9	.8	.1	.1							2.3	6.3
NNE	.3	.9	.5	.1								1.7	6.0
NE	.4	.7	.6	.1	.0							1.8	6.2
ENE	.4	.5	.4	.3								1.7	6.4
E	1.4	1.8	1.0	.3								4.5	5.5
ESE	1.1	3.1	1.2	.1	.1	.0						5.8	5.7
SE	1.1	4.0	3.4	.6	.0							9.2	6.7
SSE	1.8	4.0	3.5	.6								10.0	6.3
S	2.5	5.2	4.4	1.0	.1							13.2	6.3
SSW	1.0	3.8	3.2	.8	.1							9.0	6.8
SW	.9	3.0	2.4	.8	.1							7.2	6.9
WSW	.5	1.5	1.2	.3		.0						3.5	6.5
W	.8	1.5	.7	.3	.0							3.1	6.2
WNW	.4	1.2	1.1	.3	.1							3.1	7.5
NW	.3	.8	.9	.7	.1	.0						2.9	8.7
NNW	.1	.7	1.2	.3		.0						2.4	8.0
VARBL													
CALM												18.8	
	13.3	33.7	26.7	6.6	.8	.1						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 2763

DATA PROCESSING BRANCH
 ETAG/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

43-72
YEARS

JUL
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.1	.5	.5								2.2	5.7
NNE	.4	.5	.7	.0			.5					1.6	6.4
NE	.3	.8	.4	.0								1.4	5.6
ENE	.5	.5	.4	.1	.0							1.5	5.6
E	.8	1.1	.5	.0	.0							2.5	5.2
ESE	.5	1.3	.5	.1								2.3	5.3
SE	1.3	2.2	1.5	.3								5.2	5.7
SSE	1.4	4.2	3.0	.5								9.1	6.2
S	2.4	6.4	6.3	.9	.0							16.0	6.4
SSW	1.6	3.4	4.2	.9								10.0	6.7
SW	1.0	3.6	3.1	.5								8.0	6.4
WSW	.5	2.0	.8	.1								3.4	5.6
W	1.3	2.5	1.0	.1								4.7	5.1
WNW	.5	1.2	.6	.2								2.5	5.8
NW	.2	.8	1.6	.5								3.1	8.0
NNW	.1	.7	.7	.2	.1							1.8	7.3
VARBL													
CALM												24.6	
	13.1	32.1	25.8	4.1	.6		.0					100.0	4.7

TOTAL NUMBER OF OBSERVATIONS

2769

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13709
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

43-71
YEARS

AUG
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-15	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	2.0	1.0	.4	.0	.0	.0	.0	.0	.0	.0	4.3	6.2
NNE	.7	1.3	.9	.4	.0	.0	.0	.0	.0	.0	.0	3.1	6.0
NL	.7	1.3	.9	.4	.0	.0	.0	.0	.0	.0	.0	3.2	6.0
ENE	.7	.9	.4	.0	.0	.0	.0	.0	.0	.0	.0	1.2	6.3
E	.7	.9	.4	.0	.0	.0	.0	.0	.0	.0	.0	2.0	5.8
ESE	.7	1.3	.9	.4	.0	.0	.0	.0	.0	.0	.0	1.7	5.0
SE	.7	1.3	.9	.4	.0	.0	.0	.0	.0	.0	.0	2.2	5.8
SSE	.7	1.3	.9	.4	.0	.0	.0	.0	.0	.0	.0	3.2	5.4
S	.7	0.8	2.3	.6	.0	.0	.0	.0	.0	.0	.0	10.7	5.9
SSW	.7	4.5	3.7	.6	.0	.0	.0	.0	.0	.0	.0	10.2	6.3
SW	.7	4.5	3.7	.6	.0	.0	.0	.0	.0	.0	.0	9.9	6.3
WSW	.7	1.8	.9	.4	.0	.0	.0	.0	.0	.0	.0	3.9	5.5
W	.7	2.0	1.3	.4	.0	.0	.0	.0	.0	.0	.0	5.0	5.6
WNW	.7	1.3	1.4	.4	.0	.0	.0	.0	.0	.0	.0	3.4	6.8
NW	.7	2.3	2.4	.4	.0	.0	.0	.0	.0	.0	.0	6.1	6.8
NNW	.7	1.1	1.4	.4	.0	.0	.0	.0	.0	.0	.0	3.3	6.9
VARBL													
CALM												27.4	
	12.1	32.9	23.7	3.5	.3	.0						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 2687

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13705 STATION NAME ANDREWS AFB WASHINGTON D C YEARS 43-71 MONTH AUG
 CLASS ALL WEATHER HOURS (L.S.T.) 0300-0300
 CONDITION _____

SPEED (KNTS) DIR.	1 - 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	2.6	2.8	.4	.0							6.5	6.6
NNE	.8	2.3	1.1	.0	.0							4.2	5.7
NE	.6	1.4	1.4	.3								3.6	6.6
ENE	.5	.8	.2	.1								1.4	5.3
E	.7	.7	.2	.1	.1							1.9	5.7
ESE	.6	.4	.0									1.1	3.8
SE	.4	.4	.3									1.6	5.1
SSE	.7	1.1	.4									2.2	4.6
S	1.4	2.7	2.2	.5								6.9	6.1
SSW	1.1	3.7	3.5	.5								8.8	6.4
SW	1.3	4.1	3.3	.4								9.1	6.1
WSW	1.1	2.0	1.1	.0								4.2	5.3
W	.7	3.8	1.4	.0								5.8	5.5
WNW	.3	1.7	1.1	.1		.1						3.5	6.3
NW	.6	3.0	2.3	.4								6.3	6.6
NNW	.6	1.4	1.3	.1								3.4	6.1
VARBL													
CALM												29.4	
	12.6	32.5	22.2	3.1	.1	.1						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 2691

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

43-71
YEAR

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	.9	3.4	2.9	.5								7.6	6.6
NNE	.8	2.5	2.4	.3								6.0	6.2
NE	1.0	2.5	1.9	.3								5.8	6.2
ENE	.5	1.7	.9		.0	.0						3.0	6.2
E	.5	.7	.5	.0	.0	.0						1.8	5.8
ESE	.1	.9	.4	.1								1.9	4.7
SE	.3	.6	.3	.0	.0							1.2	5.8
SSE	.1	1.0	.5									2.2	4.9
S	1.5	1.9	1.7	.2	.0							5.3	5.8
SSW	.9	3.1	3.4	1.0								8.4	7.0
SW	.9	4.1	3.8	.6	.0							9.5	6.7
WSW	.9	2.5	1.1	.2	.0							4.8	5.6
W	1.5	3.3	1.5	.4								6.8	5.7
WNW	1.1	1.6	1.8	.2	.1							4.8	6.4
NW	.7	2.6	2.4	.4	.1	.0						6.4	7.0
NNW	.6	2.0	1.7	.6			.0					5.0	7.0
VARBL													
CALM												19.6	
	13.4	34.4	27.0	5.0	.5	.1	.0					100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 2681

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

43-71
YEAR

AUG
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	1.9	3.1	.8	.0							6.7	7.5
NNE	1.1	2.2	2.7	.6	.1							6.6	6.9
NE	1.0	2.2	2.3	.7	.0	.0						6.3	6.9
ENE	.6	1.7	1.6	.3		.0						4.2	6.8
E	.8	1.6	1.4	.1								3.9	6.0
ESE	.5	1.9	1.0	.2								3.6	6.1
SE	.3	1.2	.6	.1								2.3	5.8
SSE	.2	.9	1.2	.3	.0							2.9	7.1
S	.5	1.8	2.2	.4								5.0	7.3
SSW	.8	2.7	3.6	1.4		.0						8.5	7.4
SW	.9	2.6	3.6	.7								7.7	7.0
WSW	1.0	2.0	1.7	.3	.1							5.0	6.2
W	1.0	2.7	2.1	.4	.1							6.3	6.7
WNW	.7	2.2	2.7	.7	.3							6.6	7.6
NW	.6	1.7	3.5	1.2	.1	.1						7.3	8.6
NNW	.6	1.5	2.4	1.0	.1							5.7	7.8
VARBL													
CALM												11.4	
	11.4	30.8	35.9	9.3	.9	.2						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 2694

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

43-71
YEARS

AUG
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	1.1	2.0	.6	.1							4.5	7.4
NNE	.9	1.7	2.4	.4								5.4	6.7
NE	.7	2.4	1.7	.3	.1	.0		.0				5.3	6.9
ENE	1.2	1.4	1.4	.3								4.3	6.1
E	.7	1.8	2.0	.1	.0							4.8	6.3
ESE	.7	.9	1.8	.1	.1							3.4	6.8
SE	.4	1.4	1.6	.4								3.6	6.9
SSE	.5	1.2	1.8	.4	.0							3.9	7.2
S	.7	2.2	2.8	1.2	.1							6.9	7.7
SSW	.6	2.4	3.8	1.6	.1							8.9	8.1
SW	.8	2.4	3.5	1.0	.0							7.7	7.4
WSW	.3	1.5	3.1	.8	.1							5.9	7.8
W	.9	1.9	2.9	.9	.1							6.8	7.8
WVW	.7	1.9	2.6	1.5	.3							7.0	8.4
NW	.4	1.9	3.7	1.3	.3							7.6	8.7
NNW	.5	1.1	2.0	1.1		.0						4.7	8.5
VARBL													
CALM												9.2	
	10.9	27.3	39.2	11.9	1.3	.1		.0				100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 2678

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

43-71
YEAR

AUG
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	1.5	2.0	.7								4.5	7.7
NNE	.7	1.4	1.2	.2	.0	.0	.0					3.7	6.6
NE	.4	1.4	2.0	.3	.0							4.5	6.7
ENE	.4	1.7	1.3	.0								3.5	6.2
E	.8	2.7	2.4	.3	.0							6.3	6.4
ESE	.7	2.8	3.6	.3								7.5	6.7
SE	.5	2.6	3.4	.5								6.8	6.9
SSE	.7	2.1	2.9	.6	.1							6.3	7.3
S	.7	2.2	4.7	.9	.1							8.6	7.9
SSW	.6	2.1	4.3	1.7	.0							8.7	8.3
SW	.6	2.3	3.7	.7		.0						7.3	7.5
WSW	.4	1.6	2.2	.7								4.8	7.6
W	.4	2.0	2.2	.6	.0							5.2	7.4
WNW	.3	1.2	2.7	.9	.1		.0					5.1	8.5
NW	.4	1.6	2.7	1.3	.2	.1						6.5	8.7
NNW	.4	1.0	1.3	.5	.1	.0						3.4	8.3
VARBL													
CALM												7.2	
	8.9	30.3	42.6	9.9	.9	.2	.1					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 2695

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

43-71
YEARS

AUG
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.2	1.3	.1	.0	.0						3.2	6.7
NNE	.8	1.5	.9	.1		.0						3.4	5.9
NE	.9	1.3	.9	.3								3.5	6.1
ENE	.4	1.2	.6	.2								2.5	6.2
E	1.8	2.0	1.4	.1								5.2	5.0
ESE	1.3	4.2	1.5	.1								7.2	3.1
SE	1.6	4.2	2.3	.1	.1							8.6	5.8
SSE	1.5	4.3	2.8	.4	.1							9.0	6.1
S	2.4	4.7	4.2	.6	.0							11.9	6.2
SSW	1.1	2.6	3.1	.2								7.0	6.4
SW	1.0	2.3	1.9	.4	.1	.0						5.5	6.7
WSW	.4	1.6	.5	.1								2.2	5.5
W	1.0	1.3	.4	.1	.0							2.9	4.9
WNW	.3	.7	1.0	.3		.0						2.3	7.2
NW	.6	1.9	1.3	.5	.1	.0						4.5	7.2
NNW	.2	.5	1.2	.3	.1							2.3	7.8
VARBL													
CALM												18.3	
	16.1	35.4	25.4	4.1	.5	.2						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 2688

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

43-71
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	.6	1.2	1.4	.2								3.4	6.5
NNE	.7	1.3	.9	.3								3.2	6.0
NE	.6	1.3	.7	.4	.1							3.0	6.9
ENE	.6	1.0	.4	.1								2.1	5.4
E	.8	1.3	.7									2.8	5.1
ESE	.6	2.3	.5	.1		.0						3.8	5.4
SE	.6	2.2	1.7	.1	.1	.0						4.6	6.5
SSE	1.2	3.3	2.1	.3	.0							6.9	5.9
S	3.1	5.8	5.1	.7								14.8	6.1
SSW	1.3	3.0	3.3	.7	.1							8.4	6.9
SW	.9	2.7	2.9	.3								6.8	6.3
WSW	.5	1.8	.7		.0							3.0	5.3
W	.8	1.8	1.1	.1								3.7	5.5
WNW	.4	.2	1.0	.1								2.7	6.3
NW	.4	1.3	1.8	.3	.0							4.0	6.9
NNW	.5	.9	1.0	.1								2.5	6.4
VARBL													
CALM												24.4	
	13.5	32.5	25.4	3.8	.4	.1						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 2693

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

43-71
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (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	.9	2.2	2.2	.8	.1							6.2	7.1
NNE	1.0	1.8	1.7	.7								5.1	6.6
NE	1.1	1.8	1.1	.7	.1							4.8	6.7
ENE	.5	1.1	.8	.2	.1							2.7	6.7
E	.8	1.1	.7	.0								2.7	5.0
ESE	.6	1.2	.5	.1	.0		.0					2.4	5.9
SE	.3	1.4	.7	.0								2.5	5.5
SSE	.9	1.5	1.0	.2								3.6	5.8
S	2.2	3.7	3.7	.5								10.1	6.1
SSW	1.3	3.6	2.3	.5	.0							7.8	6.0
SW	1.3	3.1	2.8	.5								7.4	6.3
WSW	.6	1.2	.9	.0								2.8	5.7
W	.7	1.8	1.9	.1								4.5	6.3
WNW	.8	1.8	1.0	.3								3.9	5.9
NW	.7	2.2	2.6	.3	.0							5.8	6.8
NNW	.5	1.6	1.4	.2	.0							3.7	6.7
VARBL													
CALM												24.1	
	14.3	31.2	25.2	4.8	.5		.0					100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 2606

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATIONANDREWS AFB WASHINGTON D C
STATION NAME43-71
YEARSSEP
MONTHALL WEATHER
CLASS0300-0500
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	1.5	2.7	3.8	1.0	.1							8.8	7.0
NNE	1.3	2.0	2.0	.5								5.7	6.2
NE	.6	2.2	1.9	.5	.1	.1						5.5	7.1
ENE	.5	1.4	.9	.1	.1							3.0	6.2
E	.7	1.0	.4	.2								2.3	5.7
ESE	.4	.7	.2									1.2	4.8
SE	.4	.9	.7	.0								2.0	5.6
SSE	.1	.7	.5		.0							1.9	5.4
S	1.5	2.6	2.4	.3	.0							6.9	6.1
SSW	1.1	2.9	3.2	.7								7.9	6.8
SW	1.3	3.6	2.6	.2								7.7	6.0
WSW	.5	1.8	.5									2.1	5.2
W	.7	2.3	1.9									5.0	5.9
WNW	.5	1.2	1.5	.2	.0							3.3	6.6
NW	.6	2.4	2.9	.5								6.4	7.1
NNW	.6	2.0	1.7	.6	.0							4.9	7.0
VARBL													
CALM												25.4	
	12.7	29.8	26.8	4.7	.4	.1						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS

2605

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

43-71
YEARS

SEP
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	3.3	3.8	1.0	.0							9.4	7.1
NNE	1.3	4.0	3.0	.7	.1	.0						9.1	6.7
NE	1.3	2.6	2.0	.7	.0							6.6	6.5
ENE		1.5	1.0	.2	.1	.0						3.2	7.4
E	.3	1.3	.9	.2								2.9	6.3
ESE	.2	.5	.5									1.3	5.7
SE	.2	1.2	.5	.0	.0							2.0	6.0
SSE	.2	.7	.2	.1								1.6	4.9
S	.6	2.3	2.1	.4	.0							5.7	6.3
SSW	.8	3.1	3.6	1.1	.1							8.8	7.2
SW	1.0	3.2	2.5	.6								7.3	6.6
WSW	.7	1.5	.7	.0	.0							2.8	5.4
W	.9	1.7	1.3	.1								4.0	5.5
WNW	.6	1.2	1.5	.3	.0							3.6	7.2
NW	.5	2.1	2.7	1.0	.0	.1						6.5	7.8
NNW	.4	2.1	2.3	.8	.2							6.3	7.3
VARBL													
CALM												19.0	
	11.6	32.4	28.7	7.3	.7	.2						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 2603

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

43-71
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	.5	2.0	3.4	1.2	.1	.0						7.3	8.1
NNE	1.1	2.6	3.8	1.4	.1		.0					9.1	7.6
NE	1.3	2.8	3.2	1.0	.1	.1						8.5	7.3
ENE	1.0	1.4	2.0	.7	.1							5.2	7.0
E	.6	2.0	2.3	.3	.1							5.3	6.7
ESE	.6	1.0	1.1	.1								2.8	6.2
SE	.2	.9	1.2	.2								2.5	7.0
SSE	.6	.9	1.2	.3								3.0	6.6
S	.6	1.8	2.1	.8	.0							5.3	7.5
SSW	.4	1.8	3.3	1.9	.3							7.7	8.9
SW	.9	2.0	3.9	1.5	.0							8.9	8.0
WSW	.3	1.7	1.2	.4	.1							3.6	7.0
W	.7	1.6	1.9	.8	.0							5.0	7.3
WNW	.4	1.0	1.4	.8	.2							3.9	8.6
NW	.5	1.7	3.6	1.8	.3	.0						8.1	9.2
NNW	.5	1.1	1.7	1.7	.2	.0						5.2	9.3
VARBL													
CALM												8.9	
	10.6	26.2	37.2	15.0	1.9	.2	.0					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

2603

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

43-71
YEARS

SEP
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.8	2.0	3.2	1.0	.2	.0						7.1	7.8
NNE	.5	2.1	2.3	1.1	.2							6.2	7.9
NE	1.0	1.7	2.3	1.0	.2							6.2	7.4
ENE	.8	1.8	1.9	.5	.1	.0						5.2	7.2
E	1.1	2.5	2.5	.5	.0							6.6	6.7
ESE	.5	2.0	1.8	.4								4.8	6.6
SE	.3	1.6	1.3	.5	.0							3.7	7.3
SSE	.2	1.0	.9	.5	.0							2.6	7.6
S	.3	1.8	2.3	1.5	.2							6.1	8.7
SSW	.5	1.3	3.8	2.3	.3	.0						8.3	9.4
SW	.5	2.2	4.2	1.7	.3							8.9	8.5
WSW	.5	1.4	1.7	.7								4.0	7.7
W	.7	1.7	2.1	.7	.1							5.3	7.5
WNW	.2	1.4	2.6	1.6	.2	.2	.0					6.3	9.6
NW	.7	1.7	3.2	1.9	.5	.1	.0					8.1	9.2
NNW	.5	1.0	1.5	.9	.1							4.0	8.2
VARBL													
CALM												6.7	
	8.9	27.4	37.6	16.7	2.3	.3	.1					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS

2605

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705 ANDREWS AFB WASHINGTON D C 43-71 SEP

STATION STATION NAME YEAR MONTH

ALL WEATHER

CLASS

1500-1700

HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	1.8	1.6	.9	.1	.0						5.1	7.5
NNE	1.0	2.0	1.7	.8	.0							5.6	6.9
NE	.7	2.0	1.9	.9	.1	.0						5.6	7.4
ENE	.7	2.0	1.5	.2	.3							4.6	6.8
E	.8	2.6	2.3	.3								6.0	6.3
ESE	.5	3.0	2.8	.1								6.3	6.3
SE	.5	2.1	2.7	.6	.1							6.0	7.4
SSE	.5	1.9	2.3	.3	.0							5.0	7.0
S	.6	2.3	3.5	1.4	.1	.0						8.2	7.9
SSW	.6	2.3	4.1	1.3	.1							8.4	8.0
SW	.5	2.2	3.0	.8	.0							6.4	7.6
WSW	.4	1.7	1.7	.2								3.9	6.7
W	.7	2.1	2.0	.6	.1	.1						5.5	7.3
WNW	.4	1.0	2.0	1.1	.2	.1						4.9	9.3
NW	.2	1.1	2.8	1.4	.2	.1	.0					5.9	9.8
NNW	.3	1.0	1.7	1.1	.2							4.4	9.1
YARBL													
CALM												8.1	
	8.9	31.5	37.6	12.0	1.6	.4	.0					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 2609

DATA PROCESSING BRANCH
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

43-71
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	1.1	2.0	1.9	.4								5.4	6.3
NNE	.8	2.3	1.0	.3	.2							4.6	6.4
NE	.8	2.1	1.5	.5	.0							5.0	6.6
ENE	.5	1.7	.6	.2	.1	.1						3.3	6.8
E	1.6	2.7	1.7		.0							6.0	5.4
ESE	1.2	2.9	.8	.2								5.1	5.2
SE	2.0	3.4	2.9	.2								8.6	5.9
SSE	1.6	3.5	2.6	.3								8.0	5.9
S	1.9	3.9	3.7	.4								9.9	6.1
SSW	1.0	2.2	1.8	.3	.1							5.3	6.3
SW	.6	1.2	1.3	.2								3.3	6.4
WSW	.6	1.0	.5	.0								2.2	5.1
W	.4	1.4	.9	.2								3.0	6.3
WNW	.3	1.3	.7	.2	.2							2.6	7.3
NW	.3	1.2	1.9	.5		.0						3.8	7.8
NNW	.3	1.6	1.7	.6	.0							4.3	7.6
VARBL													
CALM												19.4	
	15.0	34.4	25.5	4.6	.7	.2						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 2604

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

43-71
YEARS

SEP
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	1.9	2.0	.5	.1							5.2	7.2
NNE	.8	2.4	1.3	.4	.1							5.1	6.3
NE	.9	2.1	1.5	.5	.1							5.1	6.6
ENE	.6	1.2	.9	.3		.1						3.0	6.9
E	1.1	1.3	1.2									3.6	5.3
ESE	.5	1.8	1.1	.1	.1							3.5	6.0
SE	.7	2.0	1.8	.1								4.5	6.2
SSE	1.3	2.6	2.0	.4								6.3	6.0
S	2.3	4.8	5.8	.5	.0	.0						13.5	6.3
SSW	1.1	2.2	2.5	.4	.1							6.3	6.7
SW	1.0	1.7	2.0	.2								5.0	6.4
WSW	.8	.8	.5		.0							1.5	6.8
W	.8	1.4	1.2	.2								3.3	6.3
WNW	.7	.7	1.3	.5	.0							2.5	7.9
NW	.8	1.3	2.2	.4	.1	.0						4.6	8.0
NNW	.8	1.3	1.4	.5								3.7	6.9
VARBL													
CALM												29.3	
	12.7	29.5	28.7	4.9	.7	.2						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 2605

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705 STATION ANDREWS AFB WASHINGTON D C STATION NAME 43-71 YEARS OCT MONTH
 ALL WEATHER CLASS 0000-0200 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	1.9	2.2	.7		.2						5.6	7.8
NNE	1.3	1.3	1.9	.4	.0							4.9	6.5
NE	.6	1.6	2.7	.7	.2							5.9	7.8
ENE	.6	1.4	.8	.4								3.1	6.2
E	.7	1.1	.5	.1								2.5	5.3
ESE	.3	.6	.1	.0								1.0	4.7
SE	.4	.8	.6	.0	.0							1.9	6.1
SSE	.6	1.0	.9	.3								2.8	6.5
S	1.4	2.9	3.0	.2								7.5	6.2
SSW	1.6	2.7	3.0	.7	.1							8.2	6.7
SW	.8	2.2	2.6	.9	.0							6.6	7.4
WSW	.4	1.4	1.0	.0								2.9	6.0
W	.7	2.6	2.6	.3								6.3	6.5
WNW	.4	1.2	2.4	.9	.3	.0						5.2	8.8
NW	.6	1.7	3.9	1.7	.3	.0	.0					8.2	8.8
NNW	.7	1.4	1.8	.9	.2	.0						5.0	8.1
VARBL													
CALM												22.5	
	11.8	25.8	30.0	8.4	1.2	.3	.0					100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 2693

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13705 STATION NAME ANDREWS AFB WASHINGTON D C YEARS 43-71 MONTH UCT
 CLASS ALL WEATHER HOURS (L S T.) 0300-0500
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	3.0	3.2	.9	.1	.0						8.0	7.4
NNE	1.1	1.8	2.1	.2								5.3	6.0
NE	.7	2.5	2.6	.9	.0	.0						6.7	7.4
ENE	.6	1.7	1.0	.5								3.8	6.4
E	.4	.9	.4	.1								1.8	5.5
ESE	.1	.2	.2									.6	3.4
SE	.1	.6	.4		.0							1.1	6.7
SSE	.1	.5	.7	.3								1.6	7.3
S	1.1	2.2	1.6	.1								5.0	5.6
SSW	1.1	3.3	2.2	.4	.1							7.1	6.3
SW	1.1	2.8	3.4	.5	.1							7.9	6.9
WSW	.4	1.2	1.2	.1								2.9	6.4
W	.9	2.0	3.1	.3		.0						6.4	6.8
WNW	.8	1.1	2.2	.7	.2							5.0	8.0
NW	.6	2.4	3.4	1.4	.5	.0						8.3	8.5
NNW	.7	1.7	2.1	.9	.1	.1						5.6	7.6
VARBL													
CALM												23.0	
	10.6	27.8	29.8	7.6	1.2	.3						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 2690

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

43-71
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	1.3	3.6	2.9	1.3	.1							9.3	7.1
NNE	1.4	2.8	2.8	.4	.0							7.4	6.3
NE	1.1	2.6	2.3	1.1	.1							7.2	7.1
ENE	1.0	1.7	1.4	.4								4.5	6.2
E	.6	1.2	.6	.1								2.5	5.5
ESE	.3	.4	.1	.0								.8	4.4
SE	.2	.6	.6	.0								1.4	6.6
SSE	.1	.5	.5	.2								1.4	7.2
S	1.0	1.1	1.3	.3	.0							3.6	6.2
SSW	.8	2.5	2.5	.6	.1							6.4	7.1
SW	1.1	3.1	3.7	.7	.0							8.7	6.8
WSW	.7	1.5	1.2	.2								3.5	6.1
W	.9	2.6	2.3	.5	.1							6.4	6.6
WNW	.5	1.4	3.0	.9	.2	.1						6.2	8.5
NW	.5	1.6	3.9	1.5	.7	.0						8.2	9.1
NNW	.7	1.6	2.5	.9	.1	.0						5.8	7.8
VARBL													
CALM												16.6	
	12.3	28.9	31.5	4.2	1.4	.2						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS

2691

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

43-71
YEARS

OCT
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.4	3.5	1.7	.3							7.3	9.1
NNE	.8	2.7	2.8	1.1	.0							7.4	7.3
NE	.9	2.8	2.7	1.5	.2	.1						8.2	7.9
ENE	.8	2.0	2.2	.9	.0							6.0	7.4
E	.7	1.3	1.5	.2	.0							3.8	6.6
ESE	.7	1.0	.6	.1	.1							2.5	6.1
SE	.5	1.2	.9	.1	.0							2.6	3.7
SSE	.3	.8	.6	.3	.1							2.2	7.8
S	.6	1.0	1.7	.4	.1							3.8	7.5
SSW	.4	1.6	3.6	1.2	.1	.0						7.0	8.5
SW	.7	2.1	3.5	1.6	.4							8.2	8.4
WSW	.4	1.3	1.8	.8	.1	.0						4.4	8.1
W	.6	1.3	2.1	1.0	.6	.1						5.9	9.1
WNW	.5	1.3	2.2	1.7	.8	.0	.0					6.7	10.1
NW	.4	1.4	2.8	2.9	1.2	.3	.0					9.0	11.2
NNW	.3	1.3	2.7	1.8	.3	.3						6.7	9.9
VARBL													
CALM												8.4	
	8.8	24.7	35.5	17.4	4.4	.8	.1					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 2691

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

43-71
YEARS

OCT
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.9	2.2	1.4	.3		.1					6.4	9.0
NNE	.6	1.7	1.8	.9	.1							5.1	7.6
NE	.6	1.4	2.6	1.3	.3	.0						6.3	8.7
ENE	.4	1.2	2.1	.8	.0	.0						4.6	8.1
E	.7	1.9	1.6	.3								4.6	6.3
ESE	.5	1.9	1.0	.2	.1							3.6	6.2
SE	.4	1.4	1.0	.1	.1							3.0	6.5
SSE	.4	.8	1.3	.3								2.8	7.3
S	.4	1.2	2.0	1.4	.2							5.3	8.9
SSW	.5	1.9	3.5	1.6	.5							8.0	8.9
SW	.2	1.9	3.6	1.6	.4	.1						7.7	9.1
WSW	.3	1.3	1.6	.7	.1							4.1	7.9
W	.4	1.9	2.0	1.3	.4	.0						6.0	9.0
WNW	.3	1.2	3.0	2.6	1.0	.2	.0					8.3	11.1
NW	.5	1.8	3.0	3.2	1.2	.2						9.8	10.8
NNW	.4	1.3	2.5	2.0	.4	.1						6.7	9.8
VARBL													
CALM												7.6	
	7.4	24.7	34.6	19.9	5.0	.7	.1					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 2691

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

43-71
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	.6	1.7	2.6	1.0	.3	.1						6.2	8.6
NNE	.6	1.3	1.4	.4	.2							3.8	7.5
NE	.8	1.7	2.0	.7	.1	.1	.0					5.5	7.9
ENE	.7	1.4	1.5	.4	.0							4.0	7.0
E	1.0	2.6	1.7	.1	.0							5.4	5.7
ESE	.7	2.4	1.7	.1	.0			.0				5.1	6.4
SE	.7	2.6	1.9	.4	.0	.0			.0			5.7	6.7
SSE	.3	1.6	1.6	.4	.0							3.9	6.9
S	.9	2.8	3.2	.8	.0							7.6	7.1
SSW	.6	2.4	3.2	1.0	.1							7.3	7.7
SW	.6	1.9	2.8	.7	.3							6.3	7.7
WSW	.4	1.0	1.0	.4	.1	.0						2.9	8.1
W	.7	1.6	1.7	.9	.2							5.1	7.8
WNW	.3	1.5	2.2	2.2	.7	.1						7.0	10.4
NW	.4	1.8	3.3	2.6	1.0	.1						9.3	10.3
NNW	.2	1.2	2.0	1.7	.5	.0						5.7	9.9
VARBL													
CALM												9.4	
	9.3	29.4	32.9	13.7	3.8	.5	.0	.0	.0			100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 2690

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

43-71
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	.5	1.6	1.9	.9	.1	.0						5.1	7.9
NNE	.5	1.2	1.0	.4								3.1	6.8
NE	.8	1.6	1.5	.6	.1	.1						4.6	7.4
ENE	.8	1.4	1.2	.4								3.7	6.4
E	1.2	2.3	.9	.2								4.5	5.4
ESE	1.2	1.9	.6	.1								3.9	4.8
SE	1.0	2.9	2.4	.3								6.6	6.2
SSE	1.3	2.6	2.6	.3								6.7	6.0
S	1.6	3.7	3.4	.4	.0	.0						9.3	6.4
SSW	.8	1.9	1.6	.9								5.1	7.0
SW	.5	1.2	1.7	.2	.1							3.7	7.2
WSW	.1	.9	.6	.2								1.7	6.7
W	.5	1.5	1.4	.4	.0							3.9	7.0
WNW	.3	.8	2.0	.9	.4	.1						4.6	9.7
NW	.5	1.3	3.7	1.5	.3	.0						7.4	9.1
NNW	.3	1.0	1.7	1.3	.2	.0						4.6	9.2
VARBL													
CALM												21.4	
	12.1	27.7	28.3	8.9	1.3	.3						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

2695

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

43-71
YEARS

OCT
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	.3	1.2	2.0	.8	.1							4.5	8.3
NNE	.5	1.5	1.3	.4								3.7	6.7
NE	.9	1.7	1.7	.5	.1	.0						5.0	7.2
ENE	.8	1.2	.9	.5								3.4	6.6
E	.7	1.4	1.0	.3								3.4	6.1
ESE	.3	1.6	.3	.0								2.3	5.2
SE	.4	1.8	1.8	.2								4.2	6.8
SSE	.9	1.8	1.6	.2	.0							4.5	6.1
S	2.2	3.5	3.7	.8								10.1	6.3
SSW	.7	2.3	2.8	1.2	.1							7.1	7.6
SW	.3	1.4	2.6	.7	.1							5.1	8.0
WSW	.5	1.0	.9	.1								2.5	5.8
W	.6	2.3	2.0	.4	.1							5.4	6.9
WNW	.4	1.3	2.3	1.2	.4							5.7	9.1
NW	.4	2.5	3.2	1.4	.5	.0						8.0	8.9
NNW	.3	1.3	1.8	.9	.1							4.5	8.4
VARBL													
CALM												20.6	
	10.2	27.7	30.1	9.7	1.7	.1						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 2683

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

43-71
YEARS

NDV
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	.7	2.1	1.4	.5	.2							4.9	7.0
NNE	.4	1.8	.7	.1	.1							3.1	6.2
NE	.5	1.8	1.0	.2	.1							3.7	6.5
ENE	.8	.7	.4	.3								2.1	5.7
E	.5	1.8	.5	.2								3.0	5.7
ESE	.3	1.0	.7	.0	.1	.0						2.2	6.6
SE	.4	.9	1.0	.1	.0							2.4	6.7
SSE	.5	1.0	1.5	.3	.1							3.4	7.4
S	1.2	2.6	3.0	.6	.3	.0						7.7	7.3
SSW	1.0	1.9	3.1	1.8	.1							7.9	8.0
SW	.6	2.3	3.5	1.3								7.7	7.8
WSW	.5	1.1	1.2	.4	.1							3.3	7.2
W	.7	3.0	2.9	.9	.2	.1						7.7	7.6
WNW	.4	1.4	3.2	2.6	.8	.4	.0					8.8	11.0
NW	.7	1.9	3.5	2.9	.8	.2	.1	.0				10.1	10.2
NNW	.4	.9	2.2	1.4	.4	.2	.0					5.6	10.1
VARBL													
CALM												16.4	
	9.6	26.2	29.9	13.6	3.1	1.0	.2	.0				100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 2602

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

43-71
YEARS

NOV
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.6	2.2	.2	.0							4.8	6.7
NNE	.6	2.0	1.1	.2	.0	.0						4.0	6.4
NE	.6	1.2	1.0	.1	.2	.0						3.1	7.0
ENE	.6	1.2	.7									2.5	5.5
E	.7	1.0	.6	.2	.1							2.5	6.0
ESE	.2	.9	.2		.1							1.4	5.9
SE	.4	.8	.5	.1	.0							1.8	6.2
SSE	.3	.7	1.0	.2	.1							2.3	7.4
S	1.8	1.7	2.1	.9	.0							6.6	6.8
SSW	.8	2.1	2.5	1.2	.0							6.6	7.6
SW	.6	2.5	4.6	1.0	.1							8.8	7.8
WSW	.5	1.3	1.4	.6	.0							3.8	7.3
W	.8	3.3	3.5	.6	.2							8.4	7.1
WNW	.5	1.3	2.8	2.2	.6	.3						7.7	10.4
NW	.7	2.1	3.8	3.0	.8	.2						10.6	9.8
NNW	.8	1.5	2.2	1.1	.6	.1						6.2	9.0
VARBL													
CALM												18.7	
	10.8	25.1	30.3	11.5	3.0	.7						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 2606

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

43-71
YEARS

NOV
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.9	2.1	.5	.1	.0						5.2	7.6
NNE	.9	1.6	1.8	.3								4.6	6.4
NE	.7	2.2	.9	.2	.0							4.0	5.9
ENE	.5	1.2	1.0	.1								2.8	6.2
E	.2	1.2	.7	.1								2.1	6.1
ESE	.3	.9	.6	.0								1.8	5.9
SE	.3	.7	.7	.1	.0							1.8	6.9
SSE	.3	.9	.6	.2	.0	.0						2.2	7.1
S	.9	1.5	2.4	.7	.3							5.8	7.8
SSW	1.2	2.3	3.6	1.0	.2							8.3	7.6
SW	.7	2.5	2.9	.9	.0							7.1	7.4
WSW	.4	1.7	1.7	.3	.1							4.3	7.2
W	1.1	2.7	3.1	1.0	.3	.2						8.3	7.8
WNW	.4	1.8	3.3	2.2	1.1	.1	.0	.0				9.0	10.4
NW	.5	2.0	3.2	2.7	1.3	.1						9.6	10.5
NNW	.6	1.3	2.0	.8	.2	.0						4.8	8.4
VARBL													
CALM												18.2	
	9.4	26.4	30.5	11.2	3.6	.5	.0	.0				100.0	6.5

TOTAL NUMBER OF OBSERVATIONS

2603

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

43-71
YEARS

NGV
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	.3	1.2	1.7	.6	.3	.1	.0					4.1	9.1
NNE	.3	1.1	1.7	1.0								4.0	8.4
NE	.5	1.7	1.5	.2	.0							4.0	6.7
ENE	.7	1.8	1.2	.3	.0							3.9	6.1
E	.6	1.2	1.0	.1	.0							3.0	6.1
ESE	.6	1.6	.9	.2	.1							3.5	6.1
SE	.3	.8	1.0	.3	.1							2.5	8.0
SSE	.2	1.3	1.1	.5	.1		.0					3.3	7.9
S	.2	1.5	1.9	.6	.2	.0						4.6	8.3
SSW	.4	1.8	3.7	2.3	.6	.1	.0					8.9	9.8
SW	.7	1.8	3.5	1.2	.5							7.8	8.8
WSW	.4	2.1	2.1	.7	.5							5.8	8.2
W	.8	1.2	2.6	1.6	.6	.4	.0					7.4	10.3
WNW	.1	1.1	3.4	3.3	2.3	.5	.1					10.7	12.8
NW	.2	1.2	3.5	4.5	2.1	.7	.0					12.3	12.7
NNW	.3	1.2	1.5	2.0	.8	.2						6.0	11.1
VARBL													
CALM												8.3	
	6.5	22.7	32.5	19.4	8.2	2.0	.3					100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 2605

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

43-71
YEARS

NOV
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	1.6	1.0	1.3	.3							4.5	9.2
NNE	.3	1.1	1.2	.4	.1							3.1	7.9
NE	.5	1.0	.9	.3								2.6	6.7
ENE	.2	1.2	1.3	.2								2.9	6.9
E	.6	1.3	.9	.1								2.8	5.7
ESE	.3	1.4	.6	.2			.0					2.6	6.4
SE	.1	.8	1.0	.3	.1	.0						2.5	8.5
SSE	.5	1.2	1.7	.7	.1	.0						4.2	8.3
S	.5	1.4	2.6	1.4	.5							6.3	9.2
SSW	.3	1.9	3.2	2.4	.8	.2						8.8	10.0
SW	.6	1.8	3.3	1.5	.6	.0	.0					7.8	9.2
WSW	.3	1.0	2.3	1.3	.3	.1						5.4	9.4
W	.6	1.5	3.2	2.4	.9	.5	.1					9.3	11.1
WNW	.3	.9	4.0	3.5	2.3	1.0						12.1	13.0
NW	.1	1.2	3.8	4.5	2.1	.8	.2	.0				12.7	13.0
NNW	.2	.6	1.8	2.2	.5	.2						5.4	11.5
VARBL													
CALM												7.0	
	5.6	19.8	32.9	22.8	8.6	2.9	.3	.0				100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 2605

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATIONANDREWS AFB WASHINGTON D C
STATION NAME43-71
YEARSNDV
MONTHALL WEATHER
CLASS1500-1700
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	1.1	1.8	.7	.1	.0						4.1	8.6
NNE	.3	.9	1.2	.5	.0							3.0	7.6
NE	.4	.8	.7	.3								2.2	6.9
ENE	.4	1.2	1.0	.3								3.0	6.9
E	.6	1.5	1.0	.2	.0			.0				3.3	6.4
ESE	.8	1.9	1.4	.4								4.5	6.2
SE	.5	1.2	1.5	.3	.0							3.5	7.2
SSE	.6	1.2	1.7	.7	.2							4.3	7.9
S	.8	3.0	3.0	1.1	.3							8.2	7.7
SSW	1.0	2.2	3.1	1.3	.3	.0						7.8	7.9
SW	.7	1.8	2.2	1.1	.1							5.9	8.0
WSW	.5	.8	1.2	.7	.2	.0						3.3	8.3
W	.6	1.5	2.4	1.6	.7	.3	.1					7.1	10.4
WNW	.3	1.5	3.3	3.2	1.7	.8	.1					10.8	12.3
NW	.6	2.1	4.0	3.5	1.9	.7	.1	.0				12.5	11.7
NNW	.4	1.3	2.3	1.8	.5	.1	.0					6.5	10.2
VARBL													
CALM												9.4	
	8.9	23.7	31.9	17.6	6.1	2.0	.3	.1				100.0	8.3

TOTAL NUMBER OF OBSERVATIONS

2604

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

43-71
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	.8	1.8	2.3	.4	.2	.0						5.6	7.4
NNE	.7	1.2	1.1	.2	.1							3.4	6.6
NE	.6	.8	.4	.1	.0	.0						2.0	6.1
ENE	.2	1.0	.7	.0	.1							2.0	6.6
E	.6	1.3	.9	.3	.0							3.2	6.2
ESE	.7	1.5	1.3	.1	.0							3.6	6.0
SE	.8	1.8	2.1	.5								5.1	6.7
SSE	1.6	2.9	2.8	.6								7.9	6.4
S	1.4	2.8	3.2	1.0	.1							8.5	7.1
SSW	.7	1.5	2.4	.8	.2	.1						5.6	8.1
SW	.4	.8	1.5	.6	.1							3.4	8.0
WSW	.3	.5	.9	.2	.0	.0						2.0	8.1
W	.6	1.8	1.9	1.0	.7	.1						6.1	9.2
WNW	.3	1.2	3.2	2.2	1.3	.4	.0					8.7	11.4
NW	.4	1.9	3.3	3.1	1.5	.3	.1					10.6	11.4
NNW	.5	1.8	1.8	1.4	.5	.2		.1				6.3	9.8
VARBL													
CALM												16.0	
	10.4	24.6	30.0	12.6	4.8	1.3	.2	.1				100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 2603

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

43-71
YEARS

NOV
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	.7	1.7	1.3	.5	.0	.0						4.3	6.9
NNE	.7	1.5	.8	.2	.0							3.3	6.1
NE	.7	1.0	.6	.2	.1	.0						2.5	6.5
ENE	.6	1.2	.8	.2	.0							2.8	6.1
E	.6	1.1	.6	.2	.1							2.6	5.8
ESE	.3	1.4	1.0	.2	.0							2.9	6.5
SE	.5	1.2	1.3	.3	.0							3.3	7.0
SSE	1.1	2.2	1.8	.5								5.6	6.2
S	1.3	2.5	4.2	1.1	.0							9.0	7.3
SSW	.4	2.1	3.0	1.6	.2	.0						7.3	8.6
SW	.4	1.5	2.5	.7	.3	.0						5.4	8.4
WSW	.2	.8	1.0	.3	.0							2.3	7.1
W	.5	1.9	3.0	1.2	.5	.1						7.1	8.9
WNW	.3	1.5	3.3	2.9	1.2	.4						9.5	11.2
NW	.5	2.2	3.4	2.6	1.3	.2	.0					10.2	10.6
NNW	.8	1.5	2.2	1.3	.6	.2						6.9	9.2
VARBL													
CALM												15.3	
	9.5	25.2	30.8	13.8	4.4	1.0	.0					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 2602

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

43-71
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	.8	1.8	1.4	.5	.1							4.6	6.9
NNE	.7	1.0	1.0	.6	.1							3.4	7.5
NE	.7	1.3	1.1	.4	.1	.0						3.7	7.0
ENE	.5	1.0	.5	.2								2.2	5.9
E	.7	.9	.9									2.4	5.5
ESE	.7	.6	.7	.1								2.1	5.6
SE	.3	.6	.5	.0								1.3	6.1
SSE	.4	.9	.8	.2	.0							2.3	6.5
S	.9	1.6	2.4	.2	.1							5.2	6.6
SSW	1.0	2.1	2.3	1.1	.2							6.7	7.5
SW	.4	2.2	3.7	1.2	.4							8.1	8.6
WSW	.5	1.1	1.5	.3	.3							3.7	7.6
W	.9	2.1	2.6	1.2	.5	.1						7.4	8.7
WNW	.2	1.3	3.8	3.4	1.2	.3						10.1	11.4
NW	.9	2.0	4.3	3.8	.8	.5	.1	.0				12.3	10.7
NNW	.4	1.1	2.1	1.4	.4	.1						5.7	9.8
VARBL													
CALM												19.0	
	10.0	21.4	29.4	14.7	4.2	1.2	.1	.0				100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 2690

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

43-71
YEARS

DEC
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.6	1.5	.7	.1							4.7	7.3
NNE	.9	1.5	1.2	.3								3.9	6.2
NE	.7	1.6	.7	.5	.0	.1						3.5	7.0
ENE	.5	.9	.7	.2	.1							2.3	6.7
E	.6	.9	.7	.1								2.3	5.8
ESE	.1	.6	.4	.1								1.3	6.2
SE	.4	.6	.6	.0								1.6	5.5
SSE	.4	.8	.6	.1								2.0	6.2
S	.9	1.7	1.5	.3								4.5	6.3
SSW	.8	1.9	2.7	1.3	.1							6.5	8.1
SW	.7	1.9	4.3	1.2	.3							8.4	8.3
WSW	.7	1.6	1.4	.5	.2	.0						4.4	7.6
W	.7	1.9	2.2	.8	.4	.1						6.2	8.4
WNW	.6	1.6	3.3	2.6	.9	.4		.0				9.3	10.6
NW	.6	2.1	4.3	4.0	1.2	.4	.1					13.0	10.9
NNW	.7	1.3	2.3	1.5	.5	.1						6.3	9.6
VARBL													
CALM												19.3	
	10.1	22.3	28.7	14.4	3.8	1.2	.1	.0				100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 2685

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

43-71
YEARS

DEC
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.5	1.8	.7	.1	.1						4.7	7.9
NNE	.5	1.2	1.0	.4	.0							3.2	6.9
NE	.6	1.2	1.5	.3	.0							3.6	6.7
ENE	.7	.9	.5	.3	.1							2.5	6.3
E	.8	1.3	.7	.1	.0							2.9	5.4
ESE	.5	.9	.5	.1	.1							2.0	6.3
SE	.3	.5	.6	.0	.0							1.5	6.0
SSE	.4	.7	.5	.0								1.7	5.3
S	.9	1.5	1.6	.7	.0							4.8	6.9
SSW	1.0	2.0	2.8	1.6	.1							7.5	8.0
SW	1.0	2.2	3.0	.9	.3	.1						7.5	7.7
WSW	.7	1.5	2.0	.4								4.6	6.9
W	.9	1.8	2.2	1.4	.4	.1						6.8	8.7
WNW	.4	1.8	3.3	2.8	.9	.2						9.4	10.4
NW	.6	2.0	4.2	3.8	1.7	.4		.1				12.9	11.2
NNW	.6	1.9	2.3	1.9	.4	.1						7.2	9.1
VARBL													
CALM												17.3	
	10.6	22.9	28.5	15.4	4.3	1.0		.1				100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 2689

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

43-71
YEAR

DEC
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.0	2.0	1.3	.4	.1						5.1	9.8
NNE	.2	1.6	1.4	.2								3.4	6.5
NE	.6	1.5	1.3	.5	.0	.0						4.0	7.2
ENE	.5	1.4	.8	.1								2.9	5.8
E	.6	1.2	.8	.1								2.7	5.9
ESE	.6	1.0	.5	.0								2.1	5.4
SE	.3	.5	.6	.2								1.6	7.0
SSE	.3	.6	.7									1.6	5.8
S	1.0	1.6	2.2	.8	.0							5.7	7.1
SSW	.7	2.0	3.3	1.9	.1							8.0	8.5
SW	.6	1.6	4.0	1.6	.6	.1						8.6	9.2
WSW	.5	1.5	1.4	.9	.1	.1						4.4	8.1
W	.6	2.0	1.9	1.5	.6	.1	.0					6.8	9.5
WNW	.5	1.3	2.6	4.3	1.9	.6	.1					11.3	12.7
NW	.3	1.3	3.6	5.2	2.5	.9	.1	.0				13.9	13.0
NNW	.4	1.0	2.5	2.5	1.0	.4	.0					7.8	11.4
VARBL													
CALM												9.9	
	7.8	21.4	29.5	21.3	7.3	2.4	.3	.0				100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 2690

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

43-71
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	.3	.8	2.3	1.0	.1	.0						4.5	9.2
NNE	.6	.7	.9	.2	.1							2.9	6.6
NE	.3	1.2	1.1	.4	.3							3.3	8.1
ENE	.2	.6	.7	.2	.0							1.7	7.3
E	.4	1.1	.9	.1								2.5	6.1
ESE	.4	.9	.6	.2	.0							2.1	6.2
SE	.3	.9	.4	.3								1.9	6.7
SSE	.4	1.0	.6	.2								2.2	6.2
S	.7	1.6	2.2	1.0	.2							5.7	8.2
SSW	.5	1.7	3.1	2.2	.4	.0						8.0	9.4
SW	.5	1.7	3.3	2.0	.6	.0						8.2	9.6
WSW	.3	1.5	2.1	.6	.3	.1	.1					5.2	9.1
W	.4	1.8	2.6	2.2	.8	.1	.1					8.0	10.5
WNW	.4	1.2	2.9	4.6	2.5	.8	.0	.0				12.4	13.2
NW	.5	1.2	4.4	5.0	2.7	1.0	.1	.0				14.8	13.0
NNW	.4	.7	3.0	2.3	1.3	.5	.1					8.3	12.2
VARBL													
CALM												8.7	
	6.6	18.6	31.0	22.5	9.3	2.8	.5	.1				100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 2687

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

43-71
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	.2	1.4	2.0	1.0	.2							4.9	8.8
NNE	.4	1.0	.9	.4	.1							2.8	7.0
NE	.6	.9	1.2	.4	.0	.0						3.2	7.3
ENE	.3	1.0	.7	.4		.0						2.5	7.6
E	.6	1.5	.7	.1	.1							3.0	5.8
ESE	.4	1.1	.5	.1	.2							2.4	6.9
SE	.4	1.6	.8	.1								3.0	5.9
SSE	.3	1.3	.5	.3	.0							2.6	6.8
S	1.3	2.9	2.5	.6	.1							7.4	6.7
SSW	.7	2.7	2.5	1.3	.1	.0						7.5	7.9
SW	.6	2.2	2.2	.9	.3	.0	.1					6.3	8.4
WSW	.4	1.5	1.0	.7	.0	.0	.0					3.7	7.8
W	.6	1.9	2.6	.9	.4	.3						6.7	8.8
WNW	.3	1.3	3.8	3.6	1.5	.7	.1	.0				11.2	12.0
NW	.6	1.6	4.2	3.9	2.2	.9	.1					13.6	12.5
NNW	.4	1.2	2.2	1.9	1.0	.3	.1					7.1	11.5
VARBL													
CALM												12.1	
	8.4	25.2	28.1	17.0	6.4	2.4	.4	.0				100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 2694

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

43-71
YEARS

DEC
MONTH

ALL WEATHER
CLASS

1800-2000
NOVEMBER (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.0	1.7	1.2	.0							5.5	7.7
NNE	.5	1.3	.7	.4	.0							3.0	6.8
NE	.6	1.3	1.2	.3	.1	.0						3.6	7.3
ENE	.6	.9	.6	.2	.0							2.3	6.2
E	.9	1.1	.5	.3	.0	.0						2.9	5.9
ESE	.9	.7	.6	.1	.1							2.6	5.9
SE	1.1	1.5	1.3	.3								4.2	5.9
SSE	1.0	1.4	1.3	.1	.1							3.9	6.1
S	1.9	2.9	2.8	.6	.2							8.4	6.6
SSW	.8	1.8	1.7	.9	.3	.1						5.6	8.2
SW	.4	1.8	2.0	1.1	.4	.0						5.8	8.8
WSW	.7	.9	.6	.1	.2	.1						2.4	7.9
W	.6	1.3	1.5	.9	.1	.3						4.7	8.9
WNW	.4	1.4	2.9	2.9	1.2	.4	.0					9.2	11.4
NW	.5	1.6	3.5	3.8	1.6	.6	.3					11.8	12.0
NNW	.5	1.5	1.9	1.5	.7	.1	.0					6.4	10.1
VARBL													
CALM												18.0	
	11.9	23.4	24.5	14.8	5.4	1.6	.3					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

2688

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

43-71
YEARS

DEC
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	.6	1.4	2.3	.9	.1	.0						5.5	8.1
NNE	.6	1.4	1.0	.4	.0							3.3	6.8
NE	.8	1.4	1.1	.3	.1	.1						3.9	7.2
ENE	.7	.8	.3	.2	.0							2.3	6.0
E	.6	.7	.6	.1		.0						2.1	5.9
ESE	.7	1.2	.5	.0								2.4	5.0
SE	.5	1.4	.6	.2								2.7	5.9
SSE	.8	1.4	.7	.1								3.0	5.5
S	1.7	2.0	2.7	.8	.2							7.4	6.8
SSW	.5	1.7	2.5	1.3	.3	.1						6.3	8.6
SW	.9	1.8	2.5	1.2	.4							6.8	8.3
WSW	.2	1.0	1.0	.4	.2							2.9	8.2
W	.7	2.0	2.4	.9	.7	.1						6.8	8.9
WNW	.2	1.5	3.7	2.9	1.0	.3	.0	.0				9.7	11.4
NW	.3	1.7	3.8	3.0	1.2	.5	.0	.0				10.7	11.2
NNW	.3	1.3	1.9	1.7	.6	.2						6.0	10.4
VARBL													
CALM												18.2	
	10.1	22.8	28.0	14.5	4.8	1.4	.1	.1				100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 2690

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13705 STATION ANDREWS AFB WASHINGTON D C STATION NAME 43-72 YEARS

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

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

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.9	2.3	1.3	.3	.1	.0					6.5	8.5
NNE	1.0	2.4	3.3	1.6	.3	.0	.0					8.6	8.1
NE	1.1	3.0	4.1	2.1	.4	.1	.0	.0				10.8	8.5
ENE	.9	2.7	3.2	1.4	.2	.1		.0				8.6	8.0
E	1.0	2.5	2.9	1.0	.2	.0						7.7	7.5
ESE	.6	1.6	1.4	.6	.1	.0	.0	.0				4.4	7.3
SE	.4	1.4	1.2	.4	.1	.0	.0	.0	.0			3.7	7.7
SSE	.5	1.2	1.2	.5	.1	.0	.0	.0	.0	.0		3.6	7.5
S	.9	1.9	1.8	.8	.2	.0	.0	.0				5.6	7.5
SSW	.6	1.6	2.0	1.2	.2	.0	.0	.0	.0			5.6	8.4
SW	.6	1.6	1.9	.8	.3	.0	.0	.0				5.1	8.2
WSW	.4	.9	.8	.2	.1							2.3	6.7
W	.4	1.1	.9	.3	.1	.0	.0					2.8	7.3
WNW	.3	.8	.9	.4	.2	.1	.0					2.7	8.9
NW	.4	.9	1.4	.9	.4	.1	.0	.0				4.1	10.0
NNW	.3	1.0	1.3	.9	.2	.1	.0	.0				3.9	9.4
VARBL													
CALM												14.1	
	10.2	26.4	30.5	14.5	3.4	.7	.1	.0	.0			100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 29304

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

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.

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	≥ ¼	≥ 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					95.4		96.9			98.3						100.0
0																

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

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

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

ARTICLE 11

1. The Board of Directors shall have the authority to borrow money on behalf of the Corporation, to issue bonds, notes, debentures, or other securities, and to mortgage, pledge, or otherwise encumber the property of the Corporation, in order to secure the payment of such loans, bonds, notes, debentures, or other securities, and to execute all instruments necessary or proper to carry out the purposes of this Article.

2. The Board of Directors shall have the authority to make, alter, amend, or repeal the bylaws of the Corporation, subject to the power of the stockholders to alter, amend, or repeal the same.

3. The Board of Directors shall have the authority to manage and conduct the business of the Corporation, and to exercise all the powers and authority vested in the Corporation by the Charter and the laws of the State of New York.

4. The Board of Directors shall have the authority to employ, discharge, and fix the compensation of such officers, agents, and employees as it may deem necessary or proper for the management and conduct of the business of the Corporation.

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13703 ANDREWS AFB WASHINGTON D.C. STATION NAME

43-72 YEARS

111 MONTHS

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

111 HOURS YEAR

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.2	≥.16	≥.1	≥0
NO CEILING	26.6	44.4	46.1	47.1	47.7	47.8	48.1	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.4
IV 20000	31.5	53.4	55.7	57.1	58.0	58.2	58.5	58.7	58.7	58.8	58.8	58.8	58.8	58.9	58.9	59.0
IV 18000	31.7	53.6	56.0	57.4	58.3	58.5	58.8	59.0	59.0	59.1	59.1	59.1	59.2	59.2	59.2	59.3
IV 16000	31.8	54.0	56.3	57.8	58.7	58.9	59.2	59.4	59.4	59.5	59.5	59.5	59.6	59.6	59.6	59.7
IV 14000	32.5	55.3	57.7	59.2	60.1	60.3	60.7	60.8	60.9	60.9	61.0	61.0	61.0	61.0	61.1	61.2
IV 12000	33.7	57.9	60.5	62.2	63.1	63.4	63.8	64.0	64.0	64.1	64.1	64.2	64.2	64.2	64.2	64.3
IV 10000	35.0	60.9	63.7	65.5	66.5	66.8	67.2	67.4	67.4	67.5	67.6	67.6	67.6	67.6	67.7	67.8
IV 9000	35.3	61.8	64.6	66.5	67.5	67.8	68.2	68.4	68.5	68.6	68.6	68.6	68.7	68.7	68.7	68.8
IV 8000	36.3	63.8	66.8	68.8	69.9	70.2	70.7	70.9	70.9	71.0	71.1	71.1	71.1	71.1	71.2	71.3
IV 7000	36.9	65.3	68.5	70.5	71.7	72.1	72.5	72.8	72.8	72.9	73.0	73.0	73.0	73.0	73.1	73.2
IV 6000	37.4	66.7	70.0	72.1	73.4	73.7	74.2	74.5	74.5	74.6	74.7	74.7	74.7	74.7	74.8	74.9
IV 5000	38.5	69.1	72.7	74.9	76.3	76.7	77.2	77.5	77.6	77.7	77.7	77.7	77.7	77.8	77.8	77.9
IV 4500	39.0	70.2	73.8	76.1	77.5	77.9	78.5	78.8	78.8	78.9	79.0	79.0	79.1	79.1	79.1	79.2
IV 4000	39.7	71.8	75.6	78.0	79.6	79.9	80.6	80.9	80.9	81.0	81.1	81.1	81.2	81.2	81.2	81.3
IV 3500	40.2	72.9	76.8	79.3	80.9	81.3	81.9	82.2	82.3	82.4	82.5	82.5	82.5	82.5	82.6	82.7
IV 3000	40.7	74.2	78.2	80.9	82.6	83.0	83.7	84.0	84.1	84.2	84.3	84.3	84.4	84.4	84.4	84.5
IV 2500	41.0	75.1	79.3	82.1	83.9	84.3	85.0	85.4	85.5	85.6	85.7	85.7	85.8	85.8	85.8	85.9
IV 2000	41.3	76.1	80.4	83.4	85.2	85.7	86.5	86.9	87.0	87.2	87.2	87.2	87.3	87.3	87.4	87.5
IV 1800	41.3	76.3	80.7	83.6	85.5	86.0	86.8	87.2	87.3	87.5	87.6	87.6	87.6	87.6	87.7	87.8
IV 1500	41.5	76.9	81.6	84.4	86.4	87.0	87.8	88.3	88.4	88.6	88.7	88.7	88.7	88.7	88.8	88.9
IV 1200	41.6	77.4	82.0	85.2	87.3	87.9	88.8	89.3	89.4	89.6	89.7	89.7	89.8	89.8	89.9	90.0
IV 1000	41.7	77.8	82.5	85.8	88.0	88.6	89.7	90.2	90.3	90.6	90.7	90.7	90.8	90.8	90.9	91.0
IV 900	41.7	77.9	82.7	86.0	88.3	89.0	90.1	90.7	90.8	91.0	91.2	91.2	91.3	91.3	91.4	91.5
IV 800	41.7	78.1	82.9	86.3	88.7	89.4	90.6	91.3	91.4	91.7	91.9	91.9	92.0	92.0	92.1	92.2
IV 700	41.8	78.2	83.1	86.6	89.1	89.9	91.2	92.0	92.1	92.5	92.6	92.7	92.8	92.8	92.9	93.0
IV 600	41.8	78.4	83.3	86.9	89.6	90.4	91.8	92.7	92.8	93.3	93.5	93.5	93.5	93.7	93.7	93.9
IV 500	41.8	78.5	83.5	87.2	90.0	90.9	92.5	93.6	93.8	94.4	94.6	94.7	94.7	94.9	95.0	95.1
IV 400	41.8	78.6	83.6	87.4	90.3	91.3	93.1	94.4	94.7	95.4	95.8	95.8	96.1	96.1	96.2	96.4
IV 300	41.8	78.6	83.7	87.5	90.5	91.6	93.5	95.1	95.5	96.4	96.8	96.9	97.2	97.3	97.4	97.6
IV 200	41.8	78.6	83.7	87.6	90.6	91.6	93.7	95.4	95.8	96.9	97.5	97.4	98.0	98.1	98.3	98.6
IV 100	41.8	78.6	83.7	87.6	90.6	91.6	93.7	95.5	95.9	97.0	97.7	97.8	98.3	98.5	98.8	99.3
IV 0	41.8	78.6	83.7	87.6	90.6	91.7	93.7	95.5	95.9	97.0	97.7	97.8	98.3	98.5	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS

253162

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 ANDREWS AFB WASHINGTON, D.C. 44-72 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	>10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	25.0	42.0	43.1	43.7	43.9	43.9	44.0	44.0	44.0	44.0	44.0	44.1	44.1	44.1	44.1	44.1
IV 20000	28.9	49.1	50.7	51.8	52.4	52.5	52.7	52.9	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0
IV 18000	29.1	49.5	51.1	52.3	52.8	53.0	53.2	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
IV 16000	29.3	50.0	51.6	52.7	53.3	53.5	53.7	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9
IV 14000	30.2	51.7	53.5	54.6	55.2	55.4	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
IV 12000	31.4	54.3	56.2	57.4	58.1	58.2	58.4	58.6	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7
IV 10000	32.6	57.2	59.1	60.5	61.2	61.4	61.6	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.0
IV 9000	33.1	58.2	60.3	61.6	62.4	62.6	62.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.3
IV 8000	33.9	60.0	62.3	63.8	64.7	64.9	65.2	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.6
IV 7000	34.4	61.6	64.0	65.6	66.6	66.8	67.1	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.6
IV 6000	35.1	63.3	65.9	67.6	68.7	68.9	69.3	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.8
IV 5000	36.1	66.2	69.0	70.9	72.2	72.5	72.9	73.2	73.3	73.3	73.4	73.4	73.4	73.4	73.5	73.5
IV 4500	36.3	67.5	70.4	72.5	73.8	74.2	74.6	75.0	75.0	75.1	75.2	75.2	75.2	75.2	75.2	75.3
IV 4000	37.1	69.1	72.2	74.4	75.9	76.3	76.8	77.2	77.2	77.3	77.4	77.4	77.4	77.4	77.4	77.5
IV 3500	37.5	70.2	73.4	75.7	77.3	77.7	78.2	78.6	78.6	78.8	78.8	78.8	78.8	78.9	78.9	78.9
IV 3000	37.8	71.4	74.7	77.2	78.9	79.3	79.8	80.3	80.4	80.5	80.6	80.6	80.6	80.6	80.7	80.7
IV 2500	38.0	72.3	75.8	78.3	80.1	80.6	81.2	81.7	81.8	82.0	82.1	82.1	82.1	82.1	82.2	82.2
IV 2000	38.2	73.3	77.0	79.6	81.5	82.0	82.7	83.2	83.3	83.6	83.6	83.6	83.7	83.7	83.7	83.8
IV 1800	38.3	73.6	77.3	79.9	81.9	82.3	83.0	83.6	83.8	84.0	84.1	84.1	84.1	84.1	84.2	84.2
IV 1500	38.4	74.1	77.8	80.6	82.7	83.2	84.0	84.7	84.8	85.1	85.2	85.2	85.2	85.3	85.3	85.3
IV 1200	38.5	74.7	78.5	81.4	83.5	84.1	85.0	85.7	85.9	86.1	86.3	86.3	86.4	86.4	86.4	86.5
IV 1000	38.6	75.1	79.0	82.0	84.3	84.9	85.9	86.8	87.0	87.3	87.5	87.5	87.6	87.7	87.7	87.8
IV 900	38.6	75.2	79.1	82.2	84.6	85.2	86.3	87.2	87.4	87.8	88.0	88.0	88.2	88.2	88.3	88.3
IV 800	38.6	75.4	79.4	82.6	85.0	85.7	86.9	87.9	88.2	88.7	88.9	88.9	89.1	89.1	89.2	89.2
IV 700	38.7	75.5	79.6	82.8	85.4	86.1	87.4	88.6	88.8	89.5	89.8	89.9	90.1	90.1	90.2	90.2
IV 600	38.7	75.6	79.7	83.0	85.7	86.4	87.9	89.2	89.5	90.3	90.7	90.8	91.1	91.1	91.2	91.2
IV 500	38.7	75.7	79.8	83.2	86.0	86.9	88.6	90.1	90.4	91.5	92.1	92.2	92.6	92.7	92.8	92.9
IV 400	38.7	75.8	79.9	83.4	86.3	87.2	89.1	90.9	91.3	92.6	93.3	93.4	93.9	94.0	94.2	94.3
IV 300	38.7	75.8	80.0	83.5	86.5	87.4	89.6	91.6	92.1	93.6	94.5	94.6	95.3	95.4	95.7	95.9
IV 200	38.7	75.8	80.0	83.5	86.6	87.5	89.7	92.0	92.5	94.2	95.4	95.6	96.6	96.8	97.2	97.6
IV 100	38.7	75.8	80.0	83.5	86.6	87.5	89.7	92.0	92.5	94.3	95.6	95.8	97.0	97.3	97.9	98.8
IV 0	38.7	75.8	80.0	83.5	86.6	87.5	89.7	92.0	92.5	94.3	95.6	95.8	97.0	97.4	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS

21369

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 STATION ANDREWS AFB WASHINGTON D C 44-72 YEARS FEB 1954

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	27.3	43.4	44.5	45.2	45.6	45.8	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.1	46.1	46.1
IV 20000	31.1	50.6	52.1	53.1	53.8	54.0	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.5	54.5
IV 18000	31.3	50.9	52.5	53.5	54.1	54.4	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.9	54.9	54.9
IV 16000	31.6	51.6	53.0	54.0	54.7	54.9	55.2	55.3	55.3	55.3	55.3	55.3	55.4	55.4	55.4	55.5
IV 14000	32.3	52.7	54.3	55.3	56.1	56.3	56.6	56.7	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.9
IV 12000	33.3	55.1	56.9	58.0	58.8	59.0	59.4	59.5	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.7
IV 10000	34.6	57.7	59.7	61.0	61.8	62.1	62.5	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.8	62.8
IV 9000	35.0	58.8	60.8	62.1	63.0	63.3	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.9	63.9	63.9
IV 8000	35.8	60.9	63.0	64.4	65.3	65.6	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.2	66.2	66.3
IV 7000	36.6	62.9	65.3	66.7	67.7	68.0	68.3	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.7	68.7
IV 6000	37.4	64.9	67.4	68.9	69.9	70.2	70.6	70.8	70.8	70.8	70.8	70.8	70.9	70.9	70.9	71.0
IV 5000	38.3	67.8	70.5	72.2	73.4	73.7	74.2	74.4	74.4	74.5	74.5	74.5	74.5	74.6	74.6	74.7
IV 4500	39.0	69.0	71.8	73.6	74.8	75.1	75.6	75.8	75.9	75.9	75.9	75.9	76.0	76.0	76.1	76.1
IV 4000	39.7	70.6	73.6	75.5	76.8	77.2	77.7	78.0	78.0	78.1	78.1	78.1	78.1	78.2	78.2	78.3
IV 3500	40.2	71.6	75.0	77.0	78.4	78.8	79.3	79.6	79.6	79.7	79.7	79.7	79.8	79.8	79.9	79.9
IV 3000	40.6	73.0	76.3	78.6	80.1	80.5	81.2	81.5	81.5	81.6	81.6	81.6	81.7	81.7	81.8	81.8
IV 2500	40.8	73.7	77.2	79.5	81.2	81.6	82.3	82.6	82.7	82.8	82.9	82.9	82.9	82.9	83.0	83.1
IV 2000	41.0	74.3	77.9	80.4	82.2	82.7	83.4	83.8	83.9	84.1	84.1	84.1	84.2	84.2	84.3	84.3
IV 1800	41.0	74.4	78.1	80.7	82.4	82.9	83.7	84.1	84.2	84.3	84.4	84.4	84.5	84.5	84.6	84.6
IV 1500	41.1	74.8	78.5	81.1	83.0	83.6	84.4	84.9	85.0	85.2	85.2	85.2	85.3	85.3	85.4	85.5
IV 1200	41.2	75.0	78.8	81.6	83.6	84.2	85.2	85.7	85.8	86.0	86.1	86.1	86.2	86.2	86.3	86.3
IV 1000	41.2	75.3	79.1	81.9	84.1	84.7	85.8	86.4	86.5	86.8	87.0	87.0	87.1	87.1	87.2	87.3
IV 900	41.2	75.4	79.3	82.2	84.4	85.1	86.2	86.9	87.1	87.4	87.5	87.5	87.7	87.7	87.8	87.9
IV 800	41.2	75.5	79.4	82.4	84.7	85.4	86.6	87.4	87.6	88.0	88.2	88.2	88.3	88.4	88.5	88.5
IV 700	41.3	75.6	79.6	82.6	85.0	85.7	87.1	88.0	88.3	88.8	89.1	89.1	89.3	89.3	89.4	89.5
IV 600	41.3	75.7	79.8	82.8	85.3	86.2	87.7	88.7	89.0	89.6	90.0	90.0	90.2	90.2	90.3	90.4
IV 500	41.3	75.8	79.9	83.1	85.7	86.6	88.3	89.7	90.0	90.8	91.2	91.3	91.6	91.6	91.8	91.9
IV 400	41.3	75.9	80.0	83.3	86.1	87.1	89.0	90.7	91.2	92.2	92.8	92.9	93.2	93.4	93.6	93.8
IV 300	41.3	76.0	80.1	83.4	86.3	87.5	89.6	91.7	92.3	93.6	94.3	94.5	95.0	95.2	95.5	95.7
IV 200	41.3	76.0	80.1	83.5	86.3	87.5	89.7	92.2	92.9	94.6	95.5	95.8	96.6	96.9	97.3	97.7
IV 100	41.3	76.0	80.1	83.5	86.3	87.5	89.7	92.3	93.1	94.8	95.9	96.2	97.2	97.5	98.2	98.9
IV 0	41.3	76.0	80.1	83.5	86.3	87.5	89.7	92.3	93.1	94.8	96.0	96.2	97.2	97.6	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS

19494

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13703 ANDREWS AFB WASHINGTON D C 44-72 YEARS HAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS 15

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING ≥ 20000	30.8	45.9	48.5	46.8	47.0	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.3
IV 18000 16000	36.0	54.5	55.4	55.9	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6
IV 14000 12000	36.8	55.9	56.9	57.4	57.8	57.9	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2
IV 10000 9000	39.1	60.4	61.6	62.2	62.6	62.7	62.9	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.1
IV 8000 7000	40.4	63.3	64.7	65.4	65.9	66.0	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.4
IV 6000 5000	41.6	66.8	68.4	69.2	69.9	70.0	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.4
IV 4500 4000	44.2	71.9	73.8	74.8	75.5	75.7	76.0	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.3
IV 3500 3000	45.7	75.3	77.4	78.6	79.5	79.7	80.1	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.4
IV 2500 2000	46.7	77.6	79.9	81.3	82.3	82.6	83.0	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.4
IV 1800 1500	47.1	78.6	81.1	82.6	83.8	84.1	84.6	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	85.0
IV 1200 1000	47.3	79.3	81.9	83.6	84.9	85.2	85.8	86.0	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.3
IV 900 800	47.5	80.0	82.9	84.7	86.2	86.7	87.4	87.8	87.9	88.1	88.1	88.2	88.2	88.2	88.2	88.3
IV 700 600	47.5	80.1	83.1	85.0	86.6	87.1	87.9	88.3	88.4	88.6	88.7	88.7	88.8	88.8	88.8	88.9
IV 500 400	47.5	80.2	83.2	85.3	87.1	87.6	88.5	89.1	89.2	89.8	90.0	90.3	90.4	90.4	90.5	90.6
IV 300 200	47.6	80.5	83.6	85.8	87.9	88.5	89.7	90.5	90.6	91.0	91.2	91.3	91.4	91.4	91.5	91.5
IV 100 0	47.6	80.6	83.8	86.2	88.3	89.1	90.5	91.5	91.8	92.4	92.7	92.7	92.9	93.0	93.0	93.1
	47.6	80.7	83.9	86.4	88.8	89.6	91.3	92.7	93.0	93.9	94.2	94.3	94.6	94.7	94.7	94.8
	47.6	80.8	84.0	86.6	89.1	90.0	91.9	93.0	94.0	95.2	95.7	95.9	96.3	96.3	96.4	96.5
	47.6	80.8	84.1	86.6	89.2	90.2	92.1	94.0	94.6	96.1	96.8	97.0	97.6	97.7	97.9	98.1
	47.6	80.8	84.1	86.6	89.2	90.2	92.2	94.1	94.8	96.4	97.2	97.4	98.1	98.3	98.6	99.2
	47.6	80.8	84.1	86.6	89.2	90.2	92.2	94.1	94.8	96.4	97.2	97.4	98.1	98.3	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 21477

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 ANDREWS AFB WASHINGTON D C

44-72

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS 11 51

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.2	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ 0	≥ 0
NO CEILING	30.9	44.4	45.0	45.4	45.6	45.6	45.7	45.7	45.7	45.7	45.8	45.8	45.8	45.8	45.8	45.9
IV 20000	36.9	53.1	54.0	54.5	54.8	54.8	54.9	55.0	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1
IV 18000	37.2	53.6	54.5	55.0	55.3	55.4	55.4	55.5	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6
IV 16000	37.3	53.9	54.8	55.3	55.6	55.7	55.8	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	56.0
IV 14000	38.0	55.0	56.0	56.5	56.8	56.9	56.9	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1
IV 12000	39.5	57.7	58.7	59.2	59.6	59.6	59.7	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9
IV 10000	41.3	60.9	62.0	62.6	62.9	63.0	63.1	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.4
IV 9000	42.0	62.1	63.2	63.8	64.2	64.3	64.4	64.5	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6
IV 8000	43.3	64.6	65.9	66.7	67.1	67.2	67.3	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.6
IV 7000	44.4	67.0	68.4	69.2	69.7	69.8	70.0	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.3
IV 6000	45.5	69.1	70.6	71.5	72.0	72.2	72.4	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.7
IV 5000	48.0	73.1	74.8	75.8	76.4	76.5	76.8	76.9	76.9	77.0	77.0	77.0	77.0	77.1	77.1	77.1
IV 4500	48.7	74.5	76.2	77.3	78.0	78.1	78.4	78.5	78.5	78.6	78.6	78.6	78.7	78.7	78.7	78.7
IV 4000	49.6	76.3	78.2	79.4	80.1	80.3	80.5	80.7	80.7	80.8	80.8	80.8	80.9	80.9	80.9	80.9
IV 3500	50.1	77.3	79.2	80.5	81.3	81.5	81.8	81.9	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.2
IV 3000	50.6	78.8	80.9	82.3	83.1	83.3	83.6	83.8	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.1
IV 2500	50.9	79.8	81.9	83.4	84.3	84.5	84.8	85.0	85.0	85.1	85.2	85.2	85.2	85.2	85.2	85.3
IV 2000	51.2	80.8	83.0	84.6	85.6	85.8	86.2	86.4	86.4	86.5	86.6	86.6	86.6	86.6	86.6	86.7
IV 1800	51.3	81.0	83.2	84.8	85.8	86.1	86.5	86.7	86.7	86.8	86.9	86.9	86.9	86.9	86.9	87.0
IV 1500	51.5	81.7	84.1	85.8	86.9	87.2	87.6	87.9	87.9	88.0	88.1	88.1	88.1	88.1	88.1	88.2
IV 1200	51.6	82.3	84.8	86.7	87.9	88.2	88.7	89.0	89.0	89.2	89.2	89.2	89.3	89.3	89.3	89.3
IV 1000	51.6	82.6	85.2	87.1	88.4	88.8	89.3	89.6	89.7	89.8	89.8	89.8	89.9	89.9	89.9	90.0
IV 900	51.7	82.7	85.4	87.4	88.7	89.1	89.7	90.0	90.1	90.2	90.3	90.3	90.3	90.4	90.4	90.4
IV 800	51.8	82.9	85.7	87.7	89.3	89.7	90.4	90.8	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.2
IV 700	51.8	83.0	85.9	88.0	89.7	90.2	90.9	91.4	91.5	91.7	91.7	91.7	91.8	91.8	91.8	91.9
IV 600	51.8	83.1	86.1	88.3	90.1	90.7	91.6	92.2	92.3	92.6	92.7	92.7	92.8	92.8	92.8	92.8
IV 500	51.8	83.2	86.3	88.7	90.7	91.3	92.4	93.3	93.5	93.8	94.0	94.0	94.1	94.1	94.1	94.2
IV 400	51.8	83.4	86.5	89.0	91.3	92.0	93.4	94.5	94.9	95.4	95.7	95.7	95.8	95.8	95.8	95.9
IV 300	51.8	83.4	86.6	89.2	91.5	92.3	93.9	95.4	95.9	96.6	96.9	97.0	97.1	97.2	97.2	97.3
IV 200	51.8	83.5	86.6	89.2	91.6	92.4	94.1	95.9	96.4	97.3	97.8	97.8	98.1	98.2	98.3	98.5
IV 100	51.8	83.5	86.6	89.2	91.6	92.4	94.2	95.9	96.5	97.5	98.1	98.2	98.5	98.7	98.8	99.3
IV 0	51.8	83.5	86.6	89.2	91.6	92.5	94.2	96.0	96.6	97.5	98.1	98.2	98.6	98.7	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS

20728

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 ANDREWS AFB WASHINGTON D.C. 44-72 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS 1-24

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	½	¼	≥5/16	≥¼	≥0
NO CEILING	28.0	43.6	44.7	45.2	45.6	45.7	45.8	45.9	45.9	45.9	45.9	45.9	45.9	45.9	46.0	46.0
≥ 20000	33.8	53.0	54.4	55.1	55.6	55.7	55.9	56.0	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.2
IN 18000	33.9	53.3	54.7	55.4	55.9	55.9	56.1	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.4	56.4
IN 16000	34.0	53.5	55.0	55.6	56.1	56.2	56.4	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.7	56.7
IN 14000	34.8	54.9	56.3	57.0	57.5	57.6	57.8	57.9	58.0	58.0	58.0	58.0	58.1	58.1	58.1	58.2
IN 12000	36.3	57.9	59.5	60.2	60.8	60.9	61.1	61.2	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.5
IN 10000	38.0	61.3	63.0	63.9	64.5	64.6	64.9	65.0	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.3
IN 9000	38.5	62.3	64.0	64.9	65.5	65.7	65.9	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.3	66.3
IN 8000	39.6	64.8	66.7	67.7	68.4	68.6	68.9	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.3	69.3
IN 7000	40.5	66.8	68.9	70.0	70.8	71.0	71.3	71.5	71.5	71.6	71.6	71.6	71.6	71.7	71.7	71.8
IN 6000	41.3	68.3	70.7	71.9	72.8	73.0	73.3	73.5	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.8
IN 5000	42.4	70.9	73.6	74.9	75.9	76.1	76.5	76.7	76.8	76.8	76.9	76.9	76.9	76.9	76.9	77.0
IN 4500	42.8	71.8	74.6	76.0	77.0	77.3	77.7	77.9	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.2
IN 4000	43.4	73.7	76.6	78.1	79.2	79.4	79.9	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.4	80.4
IN 3500	44.3	74.6	77.6	79.1	80.3	80.5	81.0	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.5	81.6
IN 3000	44.9	75.9	79.0	80.7	81.9	82.2	82.8	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.3	83.3
IN 2500	45.3	77.1	80.3	82.1	83.4	83.8	84.3	84.6	84.6	84.7	84.8	84.8	84.8	84.8	84.9	84.9
IN 2000	45.6	78.1	81.5	83.3	84.8	85.2	85.8	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.4	86.4
IN 1800	45.7	78.3	81.7	83.6	85.1	85.5	86.1	86.4	86.5	86.6	86.6	86.6	86.6	86.6	86.7	86.8
IN 1500	45.8	79.0	82.6	84.6	86.3	86.7	87.4	87.7	87.7	87.9	87.9	87.9	87.9	88.0	88.0	88.1
IN 1200	45.9	79.7	83.4	85.7	87.5	87.9	88.8	89.1	89.2	89.3	89.4	89.4	89.4	89.4	89.5	89.5
IN 1000	46.1	80.2	84.1	86.4	88.4	88.9	89.8	90.2	90.2	90.4	90.5	90.5	90.5	90.5	90.6	90.7
IN 900	46.1	80.4	84.2	86.7	88.7	89.3	90.3	90.7	90.7	90.9	91.0	91.0	91.0	91.0	91.1	91.1
IN 800	46.1	80.5	84.5	87.0	89.2	89.8	90.9	91.3	91.4	91.5	91.7	91.7	91.7	91.7	91.8	91.9
IN 700	46.2	80.7	84.8	87.5	89.8	90.5	91.7	92.2	92.3	92.6	92.7	92.7	92.7	92.7	92.8	92.9
IN 600	46.2	81.0	85.2	87.9	90.4	91.2	92.6	93.2	93.4	93.7	93.8	93.8	93.9	93.9	94.0	94.0
IN 500	46.2	81.1	85.4	88.3	91.1	92.0	93.6	94.4	94.6	95.1	95.2	95.3	95.3	95.3	95.5	95.6
IN 400	46.2	81.2	85.5	88.6	91.4	92.4	94.3	95.4	95.6	96.2	96.4	96.4	96.6	96.6	96.8	96.9
IN 300	46.2	81.3	85.6	88.7	91.7	92.7	94.8	96.2	96.5	97.3	97.6	97.6	97.8	97.8	98.0	98.2
IN 200	46.2	81.3	85.6	88.7	91.8	92.8	95.0	96.5	96.9	97.7	98.1	98.1	98.4	98.5	98.8	99.0
IN 100	46.2	81.3	85.6	88.7	91.8	92.8	95.0	96.6	96.9	97.8	98.3	98.3	98.7	98.8	99.1	99.5
IN 0	46.2	81.3	85.6	88.7	91.8	92.8	95.0	96.6	96.9	97.8	98.3	98.3	98.7	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS

21455

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 STATION ANDREWS AFB WASHINGTON D C

43-72 YEARS

11-11 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS YR

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.25	≥.2	≥.16	≥.1	≥0
NO CEILING	26.8	46.7	49.1	50.8	51.8	52.2	52.5	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 20000	32.5	56.8	60.0	62.1	63.3	63.7	64.1	64.3	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5
IV 18000	32.5	57.0	60.1	62.2	63.5	63.9	64.3	64.5	64.5	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7
16000	32.7	57.2	60.4	62.6	63.8	64.2	64.6	64.8	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.1
IV 14000	33.3	58.5	61.8	64.0	65.2	65.6	66.1	66.3	66.3	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5
12000	34.4	61.3	64.8	67.1	68.4	68.9	69.4	69.6	69.6	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8
IV 10000	35.6	64.3	68.1	70.6	72.0	72.4	73.0	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.5	73.5
9000	36.1	65.1	68.9	71.5	72.9	73.4	73.9	74.2	74.2	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.5
IV 8000	36.7	66.7	70.8	73.6	75.1	75.5	76.1	76.4	76.4	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.7
7000	37.2	67.8	72.0	74.9	76.4	76.8	77.5	77.7	77.8	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0
IV 6000	37.6	68.8	73.0	76.0	77.6	78.0	78.7	79.0	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.3
5000	38.2	70.3	74.8	77.9	79.5	80.0	80.7	81.0	81.0	81.1	81.2	81.2	81.2	81.2	81.2	81.3	81.3
IV 4500	38.7	71.0	75.5	78.6	80.3	80.8	81.5	81.8	81.8	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1
4000	39.6	73.0	77.6	80.9	82.6	83.2	83.9	84.2	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.6
IV 3500	40.2	74.1	78.8	82.1	83.9	84.4	85.2	85.5	85.6	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.9
3000	40.8	75.3	80.1	83.5	85.4	86.0	86.8	87.1	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.5
IV 2500	41.1	76.1	81.1	84.6	86.5	87.2	88.0	88.3	88.4	88.5	88.6	88.6	88.7	88.7	88.7	88.7	88.7
2000	41.4	77.2	82.3	86.0	88.0	88.7	89.5	89.9	90.0	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.3
IV 1800	41.5	77.4	82.6	86.3	88.4	89.1	89.9	90.3	90.4	90.5	90.6	90.6	90.7	90.7	90.7	90.7	90.7
1500	41.7	78.0	83.3	87.2	89.4	90.1	91.0	91.4	91.5	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.9
IV 1200	41.8	78.7	84.1	88.1	90.5	91.2	92.2	92.7	92.7	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.1
1000	41.9	79.1	84.6	88.8	91.3	92.1	93.2	93.7	93.8	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.2
IV 900	41.9	79.2	84.8	89.0	91.6	92.4	93.6	94.1	94.2	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.6
800	42.0	79.4	85.0	89.4	92.0	92.9	94.2	94.7	94.8	95.0	95.1	95.1	95.2	95.2	95.2	95.2	95.2
IV 700	42.0	79.5	85.2	89.6	92.3	93.2	94.6	95.2	95.3	95.5	95.6	95.6	95.7	95.7	95.7	95.7	95.8
600	42.0	79.7	85.4	89.8	92.7	93.6	95.1	95.8	95.9	96.2	96.3	96.3	96.3	96.4	96.4	96.4	96.4
IV 500	42.0	79.8	85.6	90.1	93.1	94.2	95.9	96.7	96.8	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.5
400	42.0	79.9	85.7	90.3	93.4	94.5	96.4	97.3	97.5	98.0	98.1	98.1	98.2	98.3	98.3	98.3	98.3
IV 300	42.0	79.9	85.7	90.4	93.5	94.7	96.7	97.8	98.0	98.5	98.7	98.8	98.9	98.9	98.9	98.9	99.0
200	42.0	80.0	85.8	90.5	93.6	94.8	96.8	98.0	98.3	98.9	99.1	99.1	99.3	99.3	99.3	99.4	99.5
IV 100	42.0	80.0	85.8	90.5	93.6	94.8	96.9	98.0	98.3	98.9	99.2	99.2	99.4	99.4	99.4	99.5	99.7
0	42.0	80.0	85.8	90.5	93.6	94.8	96.9	98.1	98.3	99.0	99.2	99.2	99.5	99.5	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS

20547

USAF ETAC

FORM 1 JUL 64

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

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 ANDREWS AFB WASHINGTON D C

43-72

YEARS

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURLY

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ .	≥ 0	
NO CEILING	21.0	43.2	46.0	47.6	48.6	48.9	49.3	49.4	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5
IV 20000	26.8	54.2	58.1	60.4	61.7	62.1	62.6	62.8	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.2
IV 18000	26.9	54.4	58.3	60.6	61.9	62.3	62.8	63.0	63.1	63.1	63.2	63.2	63.2	63.3	63.3	63.4
IV 16000	27.0	54.8	58.8	61.1	62.4	62.8	63.3	63.5	63.6	63.7	63.7	63.7	63.8	63.8	63.8	63.9
IV 14000	27.9	56.5	60.7	63.0	64.4	64.8	65.4	65.6	65.6	65.7	65.8	65.8	65.8	65.8	65.9	66.0
IV 12000	29.6	60.8	65.4	68.0	69.5	70.0	70.6	70.8	70.9	71.0	71.0	71.0	71.1	71.1	71.2	71.3
IV 10000	30.9	64.5	69.4	72.2	73.9	74.4	75.1	75.4	75.5	75.6	75.7	75.7	75.7	75.8	75.8	75.9
IV 9000	31.4	65.3	70.3	73.1	74.9	75.4	76.1	76.4	76.4	76.5	76.6	76.6	76.7	76.7	76.7	76.9
IV 8000	31.9	67.1	72.3	75.4	77.2	77.7	78.5	78.8	78.9	79.0	79.0	79.0	79.1	79.1	79.2	79.3
IV 7000	32.3	67.9	73.4	76.5	78.4	78.9	79.7	80.1	80.1	80.2	80.3	80.3	80.4	80.4	80.5	80.6
IV 6000	32.5	68.7	74.3	77.4	79.4	79.9	80.7	81.1	81.2	81.3	81.4	81.4	81.4	81.5	81.5	81.6
IV 5000	33.1	70.3	76.0	79.3	81.4	81.9	82.8	83.1	83.2	83.3	83.4	83.4	83.5	83.5	83.6	83.7
IV 4500	33.4	70.8	76.6	80.0	82.1	82.7	83.5	83.9	84.0	84.1	84.2	84.2	84.3	84.3	84.3	84.4
IV 4000	34.0	72.2	78.1	81.7	83.8	84.4	85.3	85.7	85.8	85.9	86.0	86.0	86.1	86.1	86.1	86.3
IV 3500	34.3	72.9	79.0	82.7	84.8	85.5	86.4	86.8	86.9	87.0	87.1	87.1	87.2	87.2	87.2	87.4
IV 3000	34.8	74.2	80.4	84.2	86.5	87.2	88.2	88.6	88.7	88.8	88.9	88.9	89.0	89.0	89.1	89.2
IV 2500	35.1	75.1	81.5	85.5	87.9	88.5	89.6	90.0	90.1	90.3	90.3	90.3	90.4	90.5	90.5	90.6
IV 2000	35.3	76.0	82.6	86.7	89.2	89.9	91.0	91.5	91.6	91.7	91.8	91.8	91.9	91.9	91.9	92.1
IV 1800	35.4	76.2	82.8	86.9	89.4	90.1	91.2	91.7	91.8	92.0	92.1	92.1	92.1	92.2	92.2	92.3
IV 1500	35.5	76.7	83.5	87.7	90.3	91.1	92.2	92.8	92.9	93.0	93.1	93.1	93.2	93.2	93.3	93.4
IV 1200	35.6	77.3	84.2	88.5	91.2	92.0	93.2	93.8	93.9	94.1	94.2	94.2	94.3	94.3	94.3	94.5
IV 1000	35.7	77.7	84.7	89.2	92.0	92.9	94.2	94.8	95.0	95.1	95.3	95.3	95.3	95.4	95.4	95.5
IV 900	35.8	77.8	84.9	89.4	92.3	93.1	94.5	95.1	95.3	95.5	95.6	95.6	95.7	95.7	95.7	95.9
IV 800	35.8	78.0	85.2	89.7	92.8	93.7	95.1	95.8	95.9	96.2	96.3	96.3	96.4	96.4	96.4	96.6
IV 700	35.8	78.2	85.4	90.0	93.2	94.1	95.6	96.3	96.5	96.7	96.8	96.9	96.9	97.0	97.0	97.1
IV 600	35.8	78.4	85.6	90.4	93.6	94.6	96.2	97.0	97.2	97.4	97.6	97.6	97.7	97.7	97.8	97.9
IV 500	35.9	78.5	85.8	90.6	94.0	95.0	96.7	97.6	97.8	98.1	98.3	98.3	98.5	98.5	98.5	98.6
IV 400	35.9	78.6	85.9	90.7	94.2	95.2	97.0	97.9	98.2	98.5	98.7	98.7	98.9	98.9	98.9	99.1
IV 300	35.9	78.6	86.0	90.8	94.3	95.3	97.2	98.2	98.4	98.8	99.0	99.0	99.2	99.2	99.3	99.4
IV 200	35.9	78.6	86.0	90.8	94.3	95.4	97.2	98.3	98.5	98.9	99.2	99.2	99.4	99.4	99.5	99.6
IV 100	35.9	78.6	86.0	90.8	94.3	95.4	97.2	98.3	98.5	99.0	99.2	99.2	99.4	99.5	99.6	99.8
IV 0	35.9	78.6	86.0	90.8	94.3	95.4	97.3	98.3	98.5	99.0	99.2	99.2	99.5	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS

22133

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 STATION ANDREWS AFB WASHINGTON D C 43-71 YEARS MONTH ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0.16	≥0	
NO CEILING IV 20000	70.3	41.4	44.7	47.2	48.5	48.8	49.4	49.6	49.7	49.8	49.9	49.9	49.9	49.9	50.0	50.0
IV 18000	27.6	52.7	57.2	60.5	62.1	62.5	63.2	63.4	63.5	63.6	63.7	63.7	63.8	63.8	63.9	63.9
IV 16000	25.9	53.3	57.9	61.3	62.9	63.3	64.0	64.3	64.3	64.5	64.5	64.5	64.6	64.6	64.7	64.8
IV 14000	26.7	54.9	59.6	63.1	64.7	65.1	65.8	66.1	66.1	66.3	66.4	66.4	66.5	66.5	66.5	66.6
IV 12000	27.9	58.0	63.2	67.0	68.9	69.3	70.1	70.4	70.5	70.6	70.7	70.7	70.8	70.8	70.9	70.9
IV 10000	29.0	61.4	66.9	71.1	73.0	73.5	74.3	74.6	74.7	74.9	75.0	75.0	75.1	75.1	75.1	75.2
IV 9000	29.2	61.9	67.5	71.8	73.9	74.3	75.1	75.4	75.5	75.7	75.8	75.8	75.9	75.9	76.0	76.0
IV 8000	29.6	63.8	69.6	74.0	76.1	76.5	77.4	77.8	77.9	78.0	78.1	78.1	78.2	78.2	78.3	78.4
IV 7000	29.8	64.5	70.5	75.1	77.2	77.7	78.6	79.0	79.1	79.2	79.3	79.3	79.4	79.4	79.5	79.6
IV 6000	30.0	65.1	71.3	75.9	78.1	78.7	79.6	80.0	80.1	80.3	80.4	80.4	80.5	80.5	80.5	80.6
IV 5000	30.4	66.3	73.6	77.4	79.7	80.2	81.2	81.6	81.7	81.9	82.0	82.0	82.1	82.1	82.2	82.3
IV 4500	30.6	66.9	73.2	78.1	80.4	80.9	82.0	82.4	82.5	82.6	82.7	82.7	82.8	82.9	82.9	83.0
IV 4000	31.0	68.2	74.7	79.7	82.1	82.7	83.8	84.2	84.3	84.5	84.6	84.6	84.7	84.7	84.7	84.8
IV 3500	31.3	69.0	75.6	80.8	83.2	83.8	84.9	85.3	85.4	85.6	85.7	85.7	85.8	85.8	85.9	85.9
IV 3000	31.9	70.4	77.2	82.5	85.0	85.6	86.8	87.2	87.3	87.5	87.6	87.6	87.7	87.7	87.8	87.9
IV 2500	32.2	71.3	78.3	83.7	86.3	87.0	88.1	88.6	88.7	88.9	89.0	89.0	89.2	89.2	89.2	89.3
IV 2000	32.6	72.4	79.5	85.0	87.8	88.5	89.8	90.3	90.4	90.6	90.7	90.7	90.9	90.9	90.9	91.0
IV 1800	32.7	72.5	79.6	85.2	88.0	88.7	90.0	90.5	90.6	90.9	91.0	91.0	91.1	91.1	91.2	91.3
IV 1500	32.9	73.3	80.5	86.2	89.1	89.8	91.2	91.7	91.8	92.1	92.2	92.2	92.3	92.4	92.4	92.5
IV 1200	33.0	73.8	81.1	87.0	90.0	90.8	92.2	92.8	93.0	93.2	93.3	93.3	93.5	93.5	93.6	93.6
IV 1000	33.1	74.2	81.7	87.6	90.8	91.6	93.1	93.8	93.9	94.2	94.4	94.4	94.5	94.5	94.6	94.7
IV 900	33.2	74.4	81.8	87.9	91.1	91.9	93.5	94.2	94.3	94.6	94.8	94.8	94.9	95.0	95.0	95.1
IV 800	33.2	74.5	82.1	88.2	91.5	92.4	94.0	94.7	94.9	95.3	95.4	95.5	95.6	95.6	95.7	95.8
IV 700	33.2	74.6	82.2	88.4	91.8	92.7	94.4	95.3	95.4	95.8	96.0	96.0	96.2	96.2	96.3	96.4
IV 600	33.2	74.8	82.4	88.7	92.2	93.1	94.9	95.8	96.0	96.5	96.6	96.7	96.8	96.8	96.9	97.0
IV 500	33.2	74.8	82.5	88.9	92.6	93.6	95.5	96.5	96.7	97.2	97.4	97.5	97.7	97.7	97.8	97.8
IV 400	33.2	74.9	82.7	89.1	92.8	93.9	95.9	97.1	97.3	97.9	98.2	98.2	98.4	98.4	98.5	98.6
IV 300	33.2	75.0	82.7	89.1	93.0	94.1	96.1	97.4	97.7	98.4	98.7	98.7	98.9	98.9	99.1	99.2
IV 200	33.2	75.0	82.7	89.2	93.0	94.2	96.2	97.6	97.9	98.6	99.0	99.0	99.3	99.3	99.4	99.6
IV 100	33.2	75.0	82.7	89.2	93.0	94.2	96.2	97.6	97.9	98.6	99.0	99.0	99.3	99.3	99.5	99.7
IV 0	33.2	75.0	82.7	89.2	93.0	94.2	96.3	97.6	97.9	98.6	99.0	99.1	99.3	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 21523

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 STATION: ANDREWS AFB WASHINGTON D C 43-71 YEARS SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS 151

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.4	≥0.3	≥0.25	≥0.2	≥0.15	≥0
NO CEILING	28.3	48.0	50.0	51.3	52.0	52.2	52.4	52.6	52.7	52.7	52.7	52.7	52.8	52.8	52.9	53.0
≥ 20000	32.9	57.2	60.1	61.7	62.7	63.0	63.4	63.6	63.6	63.7	63.7	63.7	63.8	63.8	63.9	64.0
IV 18000	33.0	57.3	60.2	61.9	62.9	63.2	63.5	63.8	63.8	63.8	63.9	63.9	64.0	64.0	64.1	64.2
IV 16000	33.1	57.6	60.5	62.1	63.2	63.4	63.8	64.0	64.1	64.1	64.2	64.2	64.3	64.3	64.3	64.4
IV 14000	33.6	58.5	61.5	63.2	64.3	64.6	64.9	65.2	65.2	65.3	65.3	65.3	65.4	65.4	65.5	65.6
IV 12000	34.7	60.8	63.9	65.8	66.9	67.2	67.6	67.8	67.9	67.9	68.0	68.0	68.1	68.1	68.1	68.3
IV 10000	35.9	63.6	66.9	68.9	70.2	70.5	71.0	71.2	71.3	71.3	71.4	71.4	71.5	71.5	71.6	71.7
IV 9000	36.2	64.4	67.8	69.8	71.1	71.5	71.9	72.2	72.2	72.3	72.3	72.3	72.5	72.5	72.5	72.7
IV 8000	36.7	65.9	69.4	71.6	73.0	73.4	73.9	74.2	74.2	74.3	74.3	74.3	74.5	74.5	74.5	74.7
IV 7000	37.0	66.8	70.4	72.7	74.3	74.6	75.1	75.4	75.5	75.6	75.6	75.6	75.7	75.8	75.8	75.9
IV 6000	37.3	67.8	71.6	73.9	75.4	75.8	76.3	76.6	76.7	76.8	76.8	76.8	76.9	77.0	77.0	77.1
IV 5000	37.8	69.2	73.1	75.5	77.2	77.6	78.2	78.5	78.5	78.6	78.7	78.7	78.8	78.8	78.9	79.0
IV 4500	38.1	69.9	73.9	76.4	78.1	78.5	79.1	79.5	79.5	79.6	79.7	79.7	79.8	79.8	79.9	80.0
IV 4000	38.4	71.4	75.6	78.1	79.9	80.3	81.0	81.3	81.4	81.5	81.5	81.5	81.7	81.7	81.7	81.9
IV 3500	39.3	72.4	76.6	79.3	81.1	81.6	82.2	82.6	82.7	82.8	82.8	82.8	82.9	82.9	83.0	83.1
IV 3000	39.8	73.7	78.0	80.8	82.8	83.2	83.9	84.3	84.4	84.5	84.6	84.6	84.7	84.7	84.8	84.9
IV 2500	40.2	74.7	79.3	82.1	84.1	84.6	85.4	85.8	85.9	86.0	86.1	86.1	86.2	86.2	86.3	86.4
IV 2000	40.6	75.9	80.6	83.5	85.7	86.2	87.0	87.5	87.5	87.7	87.8	87.8	87.9	87.9	88.0	88.1
IV 1800	40.6	76.1	80.8	83.7	85.9	86.5	87.3	87.8	87.8	88.0	88.0	88.0	88.2	88.2	88.3	88.4
IV 1500	40.8	76.8	81.7	84.7	87.0	87.6	88.5	89.0	89.1	89.2	89.3	89.3	89.5	89.5	89.6	89.7
IV 1200	40.9	77.3	82.2	85.4	87.8	88.5	89.4	90.0	90.1	90.2	90.3	90.3	90.5	90.5	90.6	90.7
IV 1000	40.9	77.6	82.8	86.1	88.6	89.3	90.4	91.0	91.1	91.4	91.5	91.5	91.7	91.7	91.8	91.9
IV 900	40.9	77.8	83.0	86.4	89.0	89.8	90.9	91.5	91.7	91.9	92.0	92.0	92.2	92.2	92.3	92.4
IV 800	40.9	77.9	83.2	86.8	89.4	90.2	91.4	92.1	92.3	92.6	92.7	92.7	92.9	92.9	93.0	93.1
IV 700	41.0	78.1	83.5	87.2	90.0	90.8	92.2	93.0	93.1	93.5	93.6	93.6	93.8	93.8	93.9	94.0
IV 600	41.0	78.3	83.8	87.6	90.5	91.4	92.9	93.9	94.1	94.5	94.7	94.7	94.8	94.9	95.0	95.1
IV 500	41.0	78.4	83.9	87.9	91.0	92.0	93.7	94.9	95.1	95.6	95.8	95.8	96.0	96.0	96.1	96.2
IV 400	41.0	78.5	84.1	88.1	91.4	92.5	94.4	95.8	96.1	96.7	97.0	97.0	97.2	97.2	97.3	97.5
IV 300	41.0	78.5	84.1	88.2	91.5	92.6	94.7	96.3	96.7	97.5	97.8	97.9	98.1	98.1	98.3	98.4
IV 200	41.0	78.5	84.1	88.2	91.6	92.7	94.8	96.6	97.0	97.9	98.3	98.4	98.6	98.7	98.8	99.0
IV 100	41.0	78.5	84.1	88.2	91.6	92.7	94.9	96.6	97.0	98.0	98.5	98.5	98.8	98.9	99.2	99.5
IV 0	41.0	78.5	84.1	88.2	91.6	92.7	94.9	96.6	97.0	98.0	98.5	98.6	98.9	99.2	100.0	

TOTAL NUMBER OF OBSERVATIONS

20568

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 STATION ANDREWS AFB WASHINGTON D.C. 43-71 YEARS 6 CT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0
NO CEILING	28.6	48.4	50.2	51.4	52.2	52.4	52.7	52.9	52.9	53.0	53.1	53.1	53.2	53.2	53.3	53.5
≥ 20000	33.1	56.8	59.3	60.9	61.9	62.2	62.6	62.8	62.9	63.0	63.1	63.1	63.2	63.2	63.3	63.5
IV 18000	33.2	56.9	59.5	61.1	62.1	62.4	62.8	63.0	63.1	63.2	63.3	63.3	63.4	63.4	63.5	63.7
IV 16000	33.3	57.1	59.7	61.3	62.3	62.6	63.0	63.3	63.3	63.4	63.5	63.5	63.6	63.6	63.7	63.9
IV 14000	33.7	58.2	60.9	62.5	63.6	63.8	64.3	64.5	64.5	64.7	64.8	64.8	64.8	64.8	64.9	65.2
IV 12000	34.5	59.9	62.7	64.4	65.5	65.7	66.2	66.4	66.5	66.6	66.7	66.7	66.8	66.8	66.9	67.1
IV 10000	35.6	62.0	64.9	66.7	67.8	68.1	68.6	68.9	69.0	69.1	69.1	69.2	69.2	69.2	69.3	69.6
IV 9000	35.9	62.7	65.7	67.4	68.6	68.9	69.5	69.7	69.7	69.9	70.0	70.0	70.1	70.1	70.1	70.4
IV 8000	36.7	64.5	67.6	69.5	70.8	71.1	71.6	71.9	71.9	72.0	72.2	72.2	72.2	72.3	72.3	72.6
IV 7000	37.3	65.9	69.2	71.1	72.4	72.7	73.3	73.5	73.6	73.7	73.8	73.8	73.9	73.9	74.0	74.3
IV 6000	37.7	66.8	70.2	72.1	73.5	73.8	74.4	74.7	74.7	74.9	75.0	75.0	75.1	75.1	75.2	75.5
IV 5000	38.6	68.8	72.3	74.4	75.9	76.2	76.8	77.1	77.1	77.3	77.4	77.4	77.5	77.5	77.6	77.9
IV 4500	38.8	69.8	73.5	75.7	77.1	77.5	78.1	78.4	78.5	78.6	78.7	78.8	78.8	78.9	78.9	79.2
IV 4000	39.4	71.5	75.3	77.6	79.1	79.5	80.1	80.4	80.5	80.7	80.8	80.8	80.9	80.9	81.0	81.2
IV 3500	39.8	72.4	76.3	78.7	80.2	80.7	81.3	81.6	81.7	81.9	82.0	82.0	82.1	82.1	82.2	82.5
IV 3000	40.3	73.8	77.9	80.3	82.0	82.4	83.1	83.4	83.5	83.6	83.8	83.8	83.9	83.9	84.0	84.2
IV 2500	40.8	75.1	79.3	81.9	83.6	84.1	84.8	85.1	85.2	85.4	85.5	85.5	85.6	85.6	85.7	86.0
IV 2000	41.2	76.2	80.7	83.4	85.3	85.8	86.5	86.9	87.0	87.2	87.3	87.4	87.5	87.5	87.6	87.8
IV 1800	41.3	76.5	81.0	83.8	85.7	86.2	86.9	87.3	87.4	87.6	87.8	87.8	87.9	87.9	88.0	88.3
IV 1500	41.5	77.1	81.7	84.5	86.6	87.1	87.9	88.3	88.4	88.6	88.8	88.8	88.9	88.9	89.0	89.3
IV 1200	41.6	77.7	82.4	85.4	87.5	88.1	89.0	89.5	89.5	89.8	90.0	90.0	90.1	90.1	90.2	90.5
IV 1000	41.7	78.0	82.7	85.9	88.1	88.8	89.8	90.3	90.4	90.6	90.9	90.9	91.0	91.0	91.1	91.4
IV 900	41.7	78.1	83.0	86.1	88.4	89.1	90.1	90.7	90.7	91.0	91.3	91.3	91.4	91.4	91.5	91.8
IV 800	41.7	78.2	83.2	86.4	88.8	89.6	90.7	91.4	91.5	91.8	92.0	92.0	92.2	92.2	92.3	92.6
IV 700	41.8	78.4	83.4	86.7	89.2	90.0	91.3	92.0	92.1	92.4	92.7	92.7	92.8	92.9	93.0	93.2
IV 600	41.8	78.6	83.6	87.0	89.6	90.5	91.9	92.7	92.8	93.2	93.5	93.5	93.7	93.7	93.8	94.1
IV 500	41.8	78.7	83.8	87.2	90.0	90.9	92.6	93.6	93.8	94.3	94.6	94.6	94.8	94.8	94.9	95.2
IV 400	41.8	78.8	83.9	87.4	90.3	91.3	93.3	94.5	94.7	95.3	95.7	95.7	95.9	96.0	96.1	96.4
IV 300	41.8	78.8	84.0	87.5	90.5	91.5	93.7	95.0	95.4	96.2	96.6	96.6	96.9	96.9	97.1	97.4
IV 200	41.8	78.8	84.0	87.6	90.5	91.6	93.8	95.3	95.8	96.7	97.4	97.4	97.9	98.0	98.3	99.0
IV 100	41.8	78.8	84.0	87.6	90.5	91.6	93.9	95.4	95.8	96.8	97.4	97.4	97.9	98.0	98.4	100.0
IV 0	41.8	78.8	84.0	87.6	90.5	91.6	93.9	95.4	95.8	96.8	97.4	97.4	97.9	98.0	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 21520

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705. ANDREWS AFB WASHINGTON D C

43-71

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

NOV

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥0.75	≥0.5	≥0.25	≥0.16	≥0.1	≥0
NO CEILING	26.8	44.3	45.7	46.6	47.1	47.1	47.4	47.5	47.5	47.7	47.7	47.7	47.8	47.8	47.8	47.9
≥ 20000	31.4	52.8	55.0	56.4	57.2	57.4	57.8	57.9	58.0	58.1	58.2	58.2	58.3	58.3	58.3	58.5
IV 18000	31.6	53.1	55.3	56.8	57.5	57.7	58.1	58.3	58.3	58.5	58.6	58.6	58.6	58.6	58.7	58.8
IV 16000	31.8	53.5	55.8	57.2	58.0	58.2	58.6	58.7	58.8	58.9	59.0	59.0	59.1	59.1	59.1	59.3
IV 14000	32.4	54.5	56.8	58.2	59.0	59.2	59.6	59.8	59.8	60.0	60.1	60.1	60.1	60.1	60.2	60.3
IV 12000	33.6	57.0	59.4	60.9	61.7	62.0	62.4	62.6	62.6	62.8	62.9	62.9	62.9	62.9	63.0	63.1
IV 10000	35.0	59.7	62.4	64.0	64.9	65.2	65.7	65.8	65.9	66.0	66.1	66.1	66.2	66.2	66.3	66.4
IV 9000	35.6	60.8	63.5	65.2	66.1	66.4	66.8	67.0	67.1	67.2	67.3	67.3	67.4	67.4	67.5	67.6
IV 8000	36.5	62.8	65.6	67.4	68.4	68.7	69.2	69.4	69.4	69.6	69.7	69.7	69.8	69.8	69.8	70.0
IV 7000	37.4	64.7	67.6	69.5	70.5	70.8	71.3	71.6	71.6	71.8	71.9	71.9	72.0	72.0	72.0	72.2
IV 6000	38.1	66.3	69.4	71.4	72.4	72.7	73.3	73.5	73.6	73.8	73.9	73.9	73.9	73.9	74.0	74.2
IV 5000	39.5	69.4	72.6	74.8	76.0	76.3	76.9	77.2	77.3	77.4	77.5	77.5	77.6	77.6	77.7	77.8
IV 4500	40.1	70.7	74.1	76.3	77.5	77.8	78.4	78.7	78.8	78.9	79.0	79.0	79.1	79.1	79.2	79.3
IV 4000	40.9	72.5	75.9	78.3	79.6	79.9	80.6	80.8	80.9	81.1	81.2	81.2	81.3	81.3	81.3	81.5
IV 3500	41.4	73.7	77.4	79.8	81.2	81.6	82.2	82.5	82.5	82.7	82.8	82.8	82.9	82.9	83.0	83.1
IV 3000	41.9	75.1	79.0	81.6	83.1	83.5	84.2	84.6	84.6	84.8	85.0	85.0	85.0	85.0	85.1	85.3
IV 2500	42.3	76.2	80.2	83.0	84.5	85.0	85.7	86.1	86.2	86.4	86.5	86.6	86.6	86.6	86.7	86.9
IV 2000	42.6	77.2	81.4	84.3	85.9	86.4	87.2	87.7	87.8	88.0	88.1	88.1	88.2	88.2	88.3	88.4
IV 1800	42.6	77.4	81.6	84.6	86.2	86.6	87.5	88.0	88.0	88.3	88.4	88.4	88.5	88.5	88.5	88.7
IV 1500	42.8	78.0	82.4	85.4	87.1	87.6	88.5	89.0	89.1	89.3	89.4	89.4	89.5	89.5	89.6	89.8
IV 1200	42.9	78.5	83.0	86.2	88.0	88.4	89.4	89.9	90.0	90.3	90.4	90.4	90.5	90.5	90.6	90.8
IV 1000	43.0	78.8	83.5	86.7	88.6	89.1	90.1	90.7	90.8	91.1	91.2	91.2	91.3	91.3	91.4	91.6
IV 900	43.0	78.9	83.7	86.9	88.9	89.4	90.4	91.0	91.1	91.4	91.5	91.5	91.7	91.7	91.8	91.9
IV 800	43.1	79.1	83.8	87.3	89.2	89.8	90.9	91.2	91.6	92.0	92.1	92.1	92.2	92.3	92.4	92.5
IV 700	43.1	79.2	84.1	87.5	89.6	90.2	91.5	92.2	92.3	92.6	92.8	92.8	92.9	92.9	93.0	93.2
IV 600	43.1	79.4	84.3	87.9	90.0	90.7	92.0	92.8	93.0	93.4	93.6	93.6	93.7	93.7	93.8	94.0
IV 500	43.1	79.5	84.4	88.1	90.4	91.2	92.6	93.6	93.8	94.3	94.6	94.6	94.7	94.7	94.8	95.0
IV 400	43.1	79.6	84.5	88.3	90.7	91.5	93.2	94.2	94.7	95.3	95.6	95.6	95.8	95.9	96.0	96.2
IV 300	43.1	79.6	84.6	88.4	90.9	91.7	93.6	95.1	95.3	96.1	96.6	96.6	96.9	96.9	97.1	97.4
IV 200	43.1	79.6	84.6	88.4	91.0	91.8	93.8	95.4	95.8	96.7	97.3	97.4	97.8	97.8	98.1	98.4
IV 100	43.1	79.7	84.6	88.5	91.0	91.9	93.8	95.5	95.9	96.9	97.5	97.6	98.1	98.2	98.5	99.1
IV 0	43.1	79.7	84.6	88.5	91.0	91.9	93.8	95.5	95.9	96.9	97.5	97.6	98.1	98.2	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS

20833

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13709 ANDREWS AFB WASHINGTON D C 43-71 1965

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING ≥ 20000	25.5	42.0	43.3	43.9	44.4	44.5	44.6	44.7	44.7	44.7	44.7	44.7	44.8	44.8	44.8	44.9
IVM 18000 16000	29.8	49.9	51.9	53.0	53.9	54.1	54.4	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.8	54.9
IVM 14000 12000	30.2	50.6	52.6	53.9	54.3	55.0	55.3	55.3	55.5	55.6	55.6	55.6	55.6	55.6	55.7	55.8
IVM 10000 9000	30.8	51.8	53.9	55.2	56.4	56.4	56.7	56.9	56.9	57.0	57.0	57.0	57.1	57.1	57.1	57.2
IVM 8000 7000	31.8	54.4	56.7	58.3	59.3	59.5	59.9	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.3	60.4
IVM 6000 5000	33.0	57.4	59.9	61.5	62.6	62.8	63.3	63.5	63.5	63.6	63.6	63.7	63.7	63.7	63.7	63.8
IVM 4500 4000	33.2	58.4	61.0	62.7	63.8	64.0	64.5	64.7	64.7	64.8	64.8	64.8	64.9	64.9	64.9	65.0
IVM 3500 3000	34.5	60.7	63.4	65.2	66.4	66.7	67.2	67.5	67.5	67.7	67.7	67.7	67.8	67.8	67.8	67.9
IVM 2500 2000	35.1	62.4	65.4	67.3	68.6	68.9	69.4	69.7	69.8	69.9	70.0	70.0	70.0	70.0	70.0	70.2
IVM 1800 1500	35.7	64.0	67.1	69.2	70.5	70.8	71.4	71.7	71.8	71.9	72.0	72.0	72.0	72.0	72.1	72.2
IVM 1200 1000	36.8	67.1	70.5	72.7	74.3	74.6	75.2	75.6	75.7	75.8	75.9	75.9	75.9	75.9	76.0	76.1
IVM 900 800	37.3	68.2	71.7	74.0	75.6	76.0	76.7	77.0	77.1	77.2	77.3	77.3	77.4	77.4	77.4	77.6
IVM 700 600	37.9	69.6	73.1	75.7	77.4	77.8	78.5	78.9	78.9	79.1	79.2	79.2	79.2	79.2	79.3	79.4
IVM 500 400	38.4	71.0	74.6	77.2	79.0	79.4	80.1	80.6	80.6	80.8	80.9	80.9	81.0	81.0	81.1	81.2
IVM 300 200	38.8	72.2	76.0	78.7	80.5	81.0	81.8	82.3	82.3	82.6	82.7	82.7	82.7	82.7	82.8	83.0
IVM 100 0	39.0	73.0	77.0	79.8	81.7	82.2	83.0	83.5	83.6	83.8	84.0	84.0	84.0	84.0	84.1	84.2
IVM 100 0	39.2	73.7	77.8	80.7	82.6	83.1	84.0	84.6	84.7	85.0	85.1	85.1	85.2	85.2	85.3	85.4
IVM 100 0	39.2	73.8	78.0	80.9	82.9	83.4	84.3	84.9	85.0	85.3	85.4	85.4	85.5	85.5	85.6	85.7
IVM 100 0	39.3	74.3	78.5	81.5	83.6	84.1	85.2	85.8	85.9	86.2	86.4	86.4	86.4	86.5	86.5	86.7
IVM 100 0	39.3	74.7	78.9	82.0	84.2	84.7	85.8	86.5	86.6	86.9	87.1	87.1	87.2	87.2	87.3	87.4
IVM 100 0	39.4	75.0	79.4	82.5	84.8	85.5	86.6	87.4	87.6	88.0	88.2	88.2	88.3	88.3	88.4	88.5
IVM 100 0	39.4	75.1	79.5	82.8	85.1	85.7	87.0	87.8	88.0	88.4	88.6	88.6	88.7	88.7	88.8	88.9
IVM 100 0	39.5	75.3	79.7	83.1	85.5	86.2	87.5	88.4	88.6	89.0	89.3	89.3	89.4	89.4	89.5	89.6
IVM 100 0	39.5	75.4	79.9	83.4	86.0	86.7	88.1	89.1	89.3	89.8	90.1	90.1	90.2	90.3	90.4	90.5
IVM 100 0	39.5	75.5	80.1	83.7	86.4	87.2	88.7	89.8	90.0	90.6	90.9	90.9	91.1	91.1	91.3	91.4
IVM 100 0	39.5	75.6	80.3	84.0	86.9	87.7	89.3	90.7	91.0	91.7	92.1	92.2	92.4	92.5	92.6	92.9
IVM 100 0	39.5	75.6	80.3	84.2	87.2	88.1	89.9	91.7	92.0	92.9	93.5	93.4	93.9	94.0	94.2	94.4
IVM 100 0	39.5	75.7	80.4	84.3	87.4	88.4	90.5	92.6	93.1	94.3	95.1	95.2	95.7	95.9	96.2	96.4
IVM 100 0	39.5	75.7	80.4	84.4	87.5	88.5	90.7	92.9	93.5	95.0	96.1	96.2	96.8	97.1	97.5	97.9
IVM 100 0	39.5	75.7	80.4	84.4	87.5	88.5	90.8	93.0	93.6	95.2	96.3	96.5	97.3	97.6	98.2	98.5
IVM 100 0	39.5	75.7	80.4	84.4	87.5	88.5	90.8	93.0	93.6	95.2	96.4	96.5	97.3	97.7	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 21515

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 ANDREWS AFB WASHINGTON D C 44-72 YEARS JAN
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) 0000-0200 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.1	≥0	
NO CEILING	27.4	45.5	46.6	47.1	47.5	47.5	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 20000	29.4	50.8	52.5	53.5	54.0	54.0	54.3	54.4	54.4	54.4	54.5	54.5	54.5	54.5	54.5
IV 18000	29.4	51.1	52.7	53.7	54.2	54.2	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
IV 16000	29.7	51.7	53.3	54.3	54.8	54.8	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
IV 14000	30.0	53.3	54.9	56.0	56.5	56.5	56.8	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0
IV 12000	31.8	55.4	57.1	58.1	58.7	58.7	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
IV 10000	33.2	58.3	60.1	61.1	61.8	61.8	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.4
IV 9000	33.7	59.3	61.3	62.3	63.1	63.2	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.7
IV 8000	35.0	62.0	64.0	65.1	65.9	65.9	66.2	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4
IV 7000	35.6	63.7	65.8	66.9	67.8	67.8	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.4
IV 6000	36.2	65.1	67.3	68.5	69.4	69.4	69.7	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0
IV 5000	37.0	68.1	70.5	72.0	73.0	73.0	73.3	73.5	73.5	73.5	73.6	73.6	73.6	73.6	73.6
IV 4500	38.0	69.4	72.1	73.7	74.8	74.8	75.1	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4
IV 4000	38.5	70.5	73.5	75.2	76.4	76.5	76.9	77.0	77.0	77.0	77.1	77.1	77.1	77.1	77.2
IV 3500	38.8	71.6	74.5	76.3	77.6	77.7	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.5
IV 3000	39.3	73.2	76.1	77.9	79.3	79.3	79.9	80.2	80.2	80.3	80.3	80.3	80.4	80.4	80.4
IV 2500	39.5	74.0	77.2	79.0	80.5	80.6	81.1	81.4	81.4	81.6	81.6	81.6	81.7	81.7	81.7
IV 2000	39.7	75.0	78.2	80.2	81.7	81.8	82.3	82.6	82.7	82.9	82.9	82.9	82.9	82.9	83.0
IV 1800	39.7	75.2	78.4	80.4	81.9	82.1	82.5	82.9	83.0	83.2	83.2	83.2	83.2	83.2	83.3
IV 1500	39.8	75.6	78.8	80.8	82.3	82.5	83.0	83.5	83.6	83.8	83.8	83.8	83.9	83.9	83.9
IV 1200	39.9	76.4	79.8	82.0	83.5	83.7	84.3	84.8	84.9	85.1	85.1	85.1	85.2	85.2	85.3
IV 1000	40.0	76.9	80.4	82.8	84.5	84.8	85.5	86.1	86.3	86.5	86.5	86.5	86.6	86.7	86.8
IV 900	40.0	77.3	80.7	83.2	85.0	85.2	86.1	86.9	87.0	87.3	87.4	87.4	87.5	87.6	87.6
IV 800	40.0	77.5	81.0	83.5	85.4	85.6	86.6	87.5	87.6	87.9	88.1	88.1	88.2	88.3	88.4
IV 700	40.0	77.6	81.1	83.6	85.5	85.8	86.9	87.9	88.1	88.7	88.8	88.8	89.0	89.1	89.2
IV 600	40.0	77.8	81.3	83.9	86.0	86.3	87.5	88.6	88.8	89.5	89.7	89.7	89.9	90.0	90.2
IV 500	40.0	77.9	81.5	84.1	86.5	86.9	88.4	89.7	89.9	90.9	91.2	91.2	91.6	91.7	91.9
IV 400	40.1	78.1	81.8	84.5	87.1	87.6	89.3	90.8	91.1	92.3	92.5	92.5	93.0	93.1	93.4
IV 300	40.1	78.2	81.9	84.7	87.3	87.8	89.9	91.5	91.9	93.4	93.9	94.0	94.6	94.7	95.4
IV 200	40.1	78.2	81.9	84.7	87.4	87.9	90.0	91.8	92.3	94.3	95.1	95.1	96.0	96.1	97.1
IV 100	40.1	78.2	81.9	84.7	87.4	87.9	90.0	91.9	92.4	94.5	95.3	95.4	96.5	96.7	97.3
IV 0	40.1	78.2	81.9	84.7	87.4	87.9	90.0	91.9	92.4	94.5	95.3	95.4	96.5	96.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2671

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 STATION ANDREWS AFB WASHINGTON D.C. 64-72 YEARS JAN 1950-1950

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.2	≥.16	≥.1	≥0
NO CEILING IV 200%	25.7	44.2	45.0	45.7	45.9	45.9	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.4	46.4	46.5
IV 18000 16000	27.7	49.3	50.6	51.7	52.2	52.3	52.6	52.9	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.1
IV 14000 12000	27.9	49.6	50.9	52.0	52.5	52.6	52.9	53.2	53.2	53.3	53.3	53.3	53.3	53.4	53.4	53.4
IV 10000 9000	28.1	50.1	51.4	52.5	53.0	53.1	53.5	53.7	53.7	53.8	53.8	53.8	53.8	53.9	53.9	54.0
IV 8000 7000	28.8	51.3	52.6	53.7	54.2	54.4	54.7	55.0	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.2
IV 6000 5000	29.5	53.7	55.1	56.2	56.7	56.9	57.3	57.5	57.5	57.6	57.6	57.6	57.6	57.7	57.7	57.7
IV 4500 4000	31.2	56.7	58.2	59.2	59.8	60.0	60.3	60.6	60.6	60.7	60.7	60.7	60.8	60.8	60.8	60.9
IV 3500 3000	32.0	57.9	59.4	60.5	61.1	61.3	61.6	61.9	61.9	62.0	62.1	62.1	62.1	62.1	62.1	62.2
IV 2500 2000	33.1	59.7	61.3	62.5	63.1	63.3	63.7	64.0	64.0	64.1	64.2	64.2	64.2	64.2	64.2	64.3
IV 1800 1500	33.7	61.5	63.1	64.4	65.1	65.2	65.7	66.0	66.0	66.1	66.2	66.2	66.3	66.3	66.3	66.4
IV 1200 1000	34.3	63.2	64.9	66.3	67.0	67.2	67.7	68.0	68.1	68.2	68.2	68.2	68.3	68.3	68.3	68.4
IV 900 800	35.0	64.4	66.3	67.8	68.6	68.8	69.2	69.5	69.5	69.6	69.6	69.6	69.7	69.7	69.7	69.8
IV 700 600	36.1	67.8	69.8	71.4	72.2	72.4	73.1	73.4	73.5	73.6	73.6	73.6	73.7	73.7	73.7	73.8
IV 500 400	37.0	69.7	71.9	73.5	74.5	74.7	75.4	75.7	75.8	76.0	76.0	76.0	76.1	76.1	76.1	76.2
IV 300 200	37.3	70.6	72.9	74.7	75.6	75.9	76.6	77.1	77.1	77.3	77.4	77.4	77.4	77.4	77.4	77.5
IV 100 0	37.7	71.7	74.1	76.0	77.0	77.3	78.0	78.6	78.6	78.8	78.9	78.9	79.0	79.0	79.0	79.1
	38.0	72.8	75.2	77.2	78.3	78.7	79.5	80.0	80.1	80.3	80.4	80.4	80.5	80.5	80.5	80.6
	38.4	74.0	76.5	78.5	79.8	80.2	81.0	81.7	81.9	82.0	82.2	82.2	82.2	82.2	82.2	82.3
	38.5	74.2	76.8	78.9	80.1	80.5	81.4	82.1	82.3	82.5	82.6	82.6	82.7	82.7	82.7	82.8
	38.7	74.7	77.3	79.5	80.8	81.3	82.2	83.1	83.2	83.4	83.6	83.6	83.8	83.8	83.8	83.9
	38.8	75.2	77.9	80.2	81.7	82.2	83.1	84.2	84.4	84.6	84.7	84.7	84.9	84.9	84.9	85.0
	38.8	75.6	78.4	80.8	82.3	82.8	83.8	85.0	85.2	85.4	85.6	85.6	85.9	85.9	85.9	86.1
	38.8	75.9	78.6	81.1	82.6	83.1	84.1	85.4	85.6	85.9	86.1	86.1	86.5	86.5	86.5	86.6
	38.8	76.0	78.9	81.3	83.2	83.7	84.9	86.3	86.7	87.1	87.3	87.3	87.7	87.7	87.7	87.8
	38.8	76.1	79.1	81.7	83.8	84.3	85.6	87.2	87.6	88.2	88.5	88.5	88.9	88.9	89.0	89.1
	38.9	76.2	79.3	82.0	84.1	84.7	86.0	87.7	88.1	88.8	89.2	89.2	89.7	89.7	89.9	90.0
	38.9	76.3	79.4	82.2	84.4	85.0	86.7	88.5	88.9	90.0	90.5	90.5	91.2	91.2	91.3	91.5
	39.0	76.5	79.7	82.5	84.9	85.7	87.4	89.5	90.0	91.2	91.8	91.8	92.5	92.5	92.7	92.9
	39.0	76.5	79.7	82.6	85.1	85.9	88.0	90.1	90.6	92.1	92.8	92.8	93.6	93.7	93.9	94.2
	39.0	76.5	79.7	82.6	85.2	86.0	88.1	90.7	91.2	93.1	94.6	94.6	95.5	95.6	96.0	96.5
	39.0	76.5	79.7	82.6	85.2	86.0	88.1	90.8	91.2	93.2	94.8	94.9	96.0	96.3	97.0	98.2
	39.0	76.5	79.7	82.6	85.2	86.0	88.1	90.8	91.2	93.2	94.8	94.9	96.0	96.4	97.1	100.0

TOTAL NUMBER OF OBSERVATIONS 2667

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 ANDREWS AFB WASHINGTON D C

44-72

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥0	≥5	≥4	≥3	≥2	≥2	≥1'	≥1'	≥1	≥4	≥3	≥2	≥5 16	≥4	≥0
NO CEILING	20.8	39.6	41.2	42.1	42.4	42.4	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.6
≥ 20000	22.8	44.7	46.9	48.3	49.3	49.5	49.8	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.4
IV 18000	23.0	45.2	47.4	48.8	49.7	49.9	50.2	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.8
IV 16000	23.1	45.6	47.8	49.2	50.1	50.3	50.6	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.3
IV 14000	23.4	46.7	49.0	50.5	51.5	51.7	52.0	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.6
IV 12000	24.1	48.9	51.3	53.1	54.1	54.3	54.6	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.2
IV 10000	25.2	51.7	54.2	56.0	57.2	57.5	57.8	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.6
9000	25.9	53.1	55.7	57.5	58.7	58.9	59.4	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.1
IV 8000	26.5	54.8	57.5	59.3	60.7	60.9	61.3	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.0
IV 7000	27.2	56.1	58.9	60.8	62.2	62.4	62.9	63.3	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.7
IV 6000	28.0	58.1	61.2	63.2	64.7	64.9	65.4	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.1	66.2
IV 5000	29.4	61.1	64.5	66.7	68.3	68.7	69.2	69.8	69.9	70.1	70.1	70.1	70.1	70.1	70.2	70.3
IV 4500	29.6	62.5	66.0	68.3	70.2	70.6	71.2	71.8	72.0	72.1	72.1	72.1	72.1	72.2	72.2	72.3
IV 4000	30.1	64.5	68.2	70.8	72.7	73.2	73.8	74.5	74.6	74.9	74.9	74.9	74.9	74.9	75.0	75.1
IV 3500	30.6	65.5	69.3	72.0	74.1	74.6	75.3	76.0	76.1	76.5	76.5	76.5	76.5	76.6	76.6	76.7
IV 3000	30.8	66.8	70.8	73.6	75.9	76.4	77.1	77.8	78.0	78.4	78.5	78.5	78.5	78.5	78.5	78.7
IV 2500	31.0	67.6	71.7	74.7	77.1	77.6	78.4	79.2	79.3	79.9	79.9	79.9	79.9	80.0	80.0	80.1
IV 2000	31.1	68.6	72.9	76.0	78.5	79.1	80.0	80.8	80.9	81.5	81.6	81.6	81.6	81.7	81.7	81.8
IV 1800	31.1	68.7	73.0	76.2	78.8	79.3	80.2	81.0	81.1	81.7	81.8	81.8	81.8	81.9	81.9	82.0
IV 1500	31.3	69.3	73.7	77.0	79.8	80.4	81.5	82.3	82.4	83.0	83.1	83.1	83.2	83.2	83.3	83.4
IV 1200	31.4	69.5	74.0	77.4	80.3	81.0	82.2	83.0	83.1	83.8	83.9	83.9	84.1	84.1	84.2	84.3
IV 1000	31.5	70.0	74.5	78.1	81.3	82.0	83.2	84.4	84.6	85.3	85.5	85.5	85.7	85.8	85.8	85.9
IV 900	31.6	70.1	74.6	78.2	81.5	82.2	83.5	84.8	84.9	85.7	85.9	85.9	86.2	86.2	86.3	86.4
IV 800	31.6	70.2	74.8	78.3	81.8	82.6	84.1	85.3	85.7	86.7	86.9	86.9	87.2	87.2	87.3	87.4
IV 700	31.6	70.5	75.1	78.9	82.3	83.0	84.6	86.1	86.4	87.7	87.9	87.9	88.2	88.2	88.2	88.4
IV 600	31.6	70.6	75.2	79.1	82.6	83.4	85.2	86.8	87.2	88.6	89.0	89.0	89.3	89.3	89.4	89.5
IV 500	31.6	70.8	75.4	79.4	83.0	84.0	85.9	87.8	88.1	89.8	90.4	90.4	90.8	90.9	90.9	91.1
IV 400	31.6	70.8	75.5	79.4	83.1	84.1	86.3	88.4	88.8	90.6	91.2	91.2	91.7	91.8	91.9	92.1
IV 300	31.6	70.9	75.6	79.6	83.2	84.4	86.9	89.3	89.6	91.7	92.4	92.5	93.2	93.3	93.4	93.7
IV 200	31.6	70.9	75.6	79.6	83.3	84.5	87.2	90.0	90.4	92.7	93.8	93.9	95.0	95.2	95.5	96.0
IV 100	31.6	70.9	75.6	79.6	83.3	84.5	87.2	90.0	90.5	92.9	94.2	94.4	95.8	96.2	96.8	98.0
IV 0	31.6	70.9	75.6	79.6	83.3	84.5	87.2	90.0	90.5	92.9	94.2	94.4	95.9	96.2	96.9	100.0

TOTAL NUMBER OF OBSERVATIONS

2671

2

DATA PROCESSING BRANCH
USAF ETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 STATION: ANDREWS AFB WASHINGTON D.C. 44-72 YEARS: JAN MONTH: 0900-1100

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1.5	≥1.4	≥1	≥.5	≥.5	≥.5	≥.5	≥.5	≥.5
NO CEILING	22.0	37.0	38.5	39.6	40.0	40.0	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.2
≥ 20000	25.3	44.6	46.9	48.3	49.2	49.8	49.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.1
IVM 18000	25.7	45.3	47.7	49.0	50.0	50.3	50.5	50.7	50.7	50.7	50.7	50.7	50.8	50.8	50.8	50.8
IVM 16000	25.7	45.7	48.1	49.5	50.4	50.7	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.3
IVM 14000	26.2	47.5	50.1	51.6	52.6	52.9	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.4
IVM 12000	27.1	50.5	53.2	54.7	55.8	56.1	56.3	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.8
IVM 10000	27.8	53.2	56.1	57.8	59.1	59.4	59.7	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.3
IVM 9000	28.4	54.2	57.4	59.1	60.6	60.9	61.2	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8
IVM 8000	28.9	56.2	59.5	61.4	63.1	63.4	63.8	64.3	64.3	64.3	64.3	64.3	64.4	64.4	64.5	64.5
IVM 7000	29.3	57.4	60.8	63.0	64.7	65.0	65.4	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.2	66.2
IVM 6000	29.9	58.8	62.6	64.8	66.8	67.2	67.7	68.3	68.4	68.4	68.5	68.5	68.6	68.6	68.6	68.7
IVM 5000	30.9	61.4	65.4	67.8	70.0	70.4	71.0	71.8	71.8	71.9	72.1	72.1	72.2	72.2	72.3	72.3
IVM 4500	31.0	62.4	66.4	68.9	71.4	71.8	72.5	73.4	73.4	73.6	73.7	73.7	73.9	73.9	74.0	74.0
IVM 4000	31.3	64.1	68.2	70.9	73.5	74.0	74.7	75.6	75.6	75.9	76.1	76.1	76.2	76.2	76.3	76.3
IVM 3500	31.6	65.2	69.5	72.3	75.2	75.6	76.4	77.3	77.3	77.6	77.8	77.8	77.9	78.0	78.0	78.0
IVM 3000	31.8	66.4	70.9	73.9	77.1	77.7	78.5	79.4	79.4	79.7	79.9	79.9	80.0	80.1	80.1	80.1
IVM 2500	32.0	67.1	71.7	74.8	78.2	78.9	79.7	80.7	80.7	81.1	81.3	81.3	81.4	81.5	81.5	81.6
IVM 2000	32.1	67.9	72.6	75.7	79.2	79.9	80.9	81.9	82.0	82.4	82.6	82.6	82.7	82.8	82.8	82.9
IVM 1800	32.2	68.2	73.0	76.1	79.8	80.5	81.5	82.6	82.7	83.0	83.2	83.2	83.4	83.4	83.5	83.5
IVM 1500	32.4	68.4	73.2	76.5	80.3	81.0	82.3	83.4	83.5	83.9	84.1	84.1	84.2	84.3	84.4	84.4
IVM 1200	32.4	68.7	73.6	77.1	80.9	81.6	83.0	84.1	84.3	84.7	84.9	84.9	85.1	85.1	85.2	85.2
IVM 1000	32.4	68.9	74.0	77.5	81.4	82.1	83.7	84.9	85.1	85.7	86.0	86.0	86.2	86.3	86.3	86.4
IVM 900	32.4	69.0	74.1	77.7	81.6	82.4	84.1	85.4	85.6	86.3	86.6	86.6	86.8	86.9	86.9	87.0
IVM 800	32.5	69.2	74.4	78.1	82.1	82.9	84.7	86.1	86.3	87.2	87.5	87.5	87.7	87.8	87.8	87.9
IVM 700	32.5	69.3	74.5	78.2	82.3	83.3	85.3	86.9	87.1	88.1	88.6	88.6	88.9	89.0	89.0	89.0
IVM 600	32.5	69.4	74.5	78.3	82.6	83.7	85.9	87.6	87.8	89.0	89.6	89.6	90.0	90.0	90.1	90.1
IVM 500	32.5	69.4	74.6	78.5	82.9	84.1	86.7	88.9	89.2	90.6	91.4	91.4	91.9	92.0	92.1	92.2
IVM 400	32.5	69.5	74.6	78.6	83.2	84.4	87.2	89.7	90.1	91.7	92.7	92.8	93.4	93.5	93.7	93.8
IVM 300	32.5	69.5	74.7	78.6	83.4	84.7	87.6	90.5	91.1	93.0	94.5	94.5	95.4	95.5	95.8	96.1
IVM 200	32.6	69.5	74.7	78.7	83.4	84.7	87.7	90.6	91.3	93.5	95.1	95.2	96.4	96.8	97.3	97.8
IVM 100	32.6	69.5	74.7	78.7	83.4	84.7	87.7	90.7	91.4	93.6	95.2	95.4	97.0	97.4	98.1	99.2
IVM 0	32.6	69.5	74.7	78.7	83.4	84.7	87.7	90.7	91.4	93.6	95.2	95.4	97.0	97.4	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 2673

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 ANDREWS AFB WASHINGTON D.C.

44-72

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING, FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	25.2	38.5	39.2	39.4	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
≥ 20000	30.7	48.0	49.2	49.8	50.4	50.5	50.7	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 18000	31.0	48.4	49.7	50.3	50.9	51.0	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 16000	31.2	48.9	50.2	50.8	51.4	51.6	51.8	51.8	51.8	51.8	51.8	51.9	51.9	51.9	51.9	51.9
≥ 14000	32.4	50.7	52.1	52.6	53.3	53.4	53.7	53.7	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8
≥ 12000	34.0	53.9	55.5	56.1	56.9	57.0	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 10000	35.2	57.0	58.8	59.6	60.4	60.6	60.8	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 9000	35.7	58.0	59.9	60.7	61.6	61.9	62.2	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 8000	36.3	60.0	62.1	63.1	64.2	64.5	64.8	64.9	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 7000	36.7	61.4	63.5	64.7	65.9	66.2	66.6	66.7	66.7	66.8	66.8	66.9	66.9	66.9	66.9	66.9
≥ 6600	37.5	63.3	66.0	67.2	68.5	68.9	69.3	69.4	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 5000	38.4	65.7	68.5	70.0	71.5	72.0	72.5	72.7	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 4500	39.0	67.0	69.8	71.4	72.9	73.4	73.9	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 4000	40.1	69.0	72.0	73.6	75.3	75.8	76.3	76.6	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 3500	40.7	70.6	73.7	75.5	77.3	77.8	78.4	78.7	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 3000	40.9	71.7	74.8	76.7	78.5	79.1	79.8	80.1	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 2500	41.1	72.7	75.9	78.0	80.1	80.7	81.6	82.0	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 2000	41.4	73.9	77.3	79.5	81.7	82.4	83.4	83.8	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.2
≥ 1800	41.5	74.2	77.7	79.9	82.1	82.8	83.8	84.2	84.4	84.5	84.6	84.6	84.6	84.6	84.6	84.6
≥ 1500	41.8	75.0	78.4	80.7	83.0	83.7	84.7	85.4	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1200	41.8	75.4	78.8	81.4	84.0	84.8	85.9	86.7	86.9	87.1	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1000	41.8	75.7	79.2	81.9	84.7	85.6	86.8	87.9	88.0	88.3	88.5	88.5	88.6	88.6	88.6	88.6
≥ 900	41.8	75.7	79.3	82.0	84.7	85.7	87.0	88.1	88.3	88.5	88.9	88.9	89.0	89.0	89.0	89.0
≥ 800	41.8	75.7	79.3	82.1	85.0	86.0	87.6	88.8	88.9	89.2	89.6	89.6	89.7	89.7	89.8	89.8
≥ 700	41.8	75.7	79.6	82.4	85.5	86.5	88.2	89.6	89.8	90.3	90.9	90.9	91.0	91.0	91.0	91.0
≥ 600	41.8	75.8	79.7	82.8	86.0	87.0	88.9	90.4	90.7	91.4	92.1	92.1	92.4	92.4	92.5	92.5
≥ 500	41.8	75.8	79.7	82.9	86.4	87.6	89.7	91.5	91.8	92.9	93.8	93.9	94.5	94.5	94.7	94.7
≥ 400	41.8	76.0	80.0	83.2	86.9	88.1	90.4	92.6	92.9	94.1	95.1	95.2	96.0	96.1	96.3	96.3
≥ 300	41.8	76.0	80.0	83.3	87.0	88.3	90.7	93.2	93.7	94.9	96.1	96.3	97.2	97.3	97.7	97.8
≥ 200	41.8	76.0	80.0	83.3	87.1	88.3	90.8	93.5	94.1	95.4	96.9	97.2	98.4	98.7	99.0	99.3
≥ 100	41.8	76.0	80.0	83.3	87.1	88.3	90.8	93.5	94.1	95.5	96.9	97.2	98.5	98.9	99.4	99.9
≥ 0	41.8	76.0	80.0	83.3	87.1	88.3	90.8	93.5	94.1	95.5	96.9	97.2	98.5	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS

2667

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 STATION ANDREWS AFB WASHINGTON D C 44-72 YEARS MONTH JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS LT

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.2	≥.16	≥.1	≥0
NO CEILING	26.4	40.6	41.4	41.6	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
IV 20000	32.2	51.1	52.4	53.0	53.4	53.6	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
IV 18000	32.4	51.6	52.9	53.4	53.8	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IV 16000	32.7	52.0	53.3	53.9	54.3	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
IV 14000	34.2	54.4	55.8	56.5	56.9	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
IV 12000	35.8	57.2	59.0	59.9	60.3	60.6	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
IV 10000	36.8	59.7	61.7	62.6	63.2	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.8
IV 9000	37.2	60.6	62.6	63.6	64.1	64.5	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
IV 8000	37.9	62.1	64.3	65.5	66.2	66.6	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.2
IV 7000	38.6	64.2	66.6	67.9	68.8	69.2	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
IV 6000	38.9	65.7	68.3	69.7	70.8	71.2	71.6	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9
IV 5000	39.8	68.4	71.3	73.0	74.3	74.7	75.1	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.5
IV 4500	40.2	69.4	72.5	74.2	75.6	76.1	76.5	76.8	76.8	76.8	76.8	76.8	76.8	76.9	76.9	76.9
IV 4000	41.0	71.0	74.3	76.3	77.9	78.4	78.8	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.2
IV 3500	41.3	71.8	75.2	77.3	78.9	79.4	79.9	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IV 3000	41.7	73.3	76.9	79.1	80.8	81.4	81.8	82.1	82.1	82.2	82.2	82.2	82.2	82.3	82.3	82.3
IV 2500	42.1	74.1	78.1	80.4	82.2	82.8	83.3	83.7	83.7	83.8	83.9	83.9	83.9	83.9	84.0	84.0
IV 2000	42.4	75.3	79.4	81.8	83.8	84.4	85.0	85.5	85.5	85.6	85.6	85.6	85.6	85.7	85.7	85.8
IV 1800	42.4	75.5	79.6	82.1	84.1	84.8	85.4	85.9	85.9	86.0	86.1	86.1	86.1	86.1	86.2	86.2
IV 1500	42.5	75.8	80.2	82.7	84.7	85.5	86.3	86.9	86.9	87.0	87.1	87.1	87.1	87.1	87.2	87.2
IV 1200	42.6	76.4	80.8	83.5	85.6	86.4	87.4	88.0	88.1	88.3	88.3	88.3	88.3	88.4	88.4	88.5
IV 1000	42.7	76.6	81.1	83.9	86.2	87.0	88.3	88.9	89.2	89.4	89.5	89.5	89.6	89.6	89.7	89.7
IV 900	42.7	76.7	81.2	84.0	86.4	87.2	88.6	89.3	89.5	89.8	89.9	90.0	90.2	90.2	90.3	90.3
IV 800	42.7	76.8	81.4	84.2	86.8	87.7	89.1	89.9	90.2	90.6	90.9	90.9	91.2	91.2	91.3	91.3
IV 700	42.8	77.0	81.6	84.4	87.1	88.0	89.5	90.5	90.7	91.4	91.7	91.8	92.1	92.1	92.3	92.3
IV 600	42.8	77.0	81.6	84.6	87.3	88.3	90.0	91.0	91.2	92.2	92.6	92.9	93.1	93.2	93.3	93.3
IV 500	42.8	77.0	81.6	84.6	87.5	88.5	90.3	91.5	91.8	92.8	93.6	93.8	94.2	94.4	94.5	94.5
IV 400	42.8	77.0	81.6	84.6	87.5	88.6	90.6	92.1	92.4	93.5	94.5	94.8	95.3	95.4	95.7	95.7
IV 300	42.8	77.1	81.7	84.7	87.6	88.6	91.0	92.7	93.2	94.4	95.7	96.1	96.6	96.8	97.2	97.3
IV 200	42.8	77.1	81.7	84.7	87.6	88.6	91.1	92.9	93.3	94.7	96.1	96.6	97.5	97.9	98.4	98.8
IV 100	42.8	77.1	81.7	84.7	87.6	88.6	91.1	92.9	93.3	94.7	96.2	96.7	97.6	98.1	98.8	99.5
IV 0	42.8	77.1	81.7	84.7	87.6	88.6	91.1	92.9	93.3	94.7	96.3	96.7	97.7	98.2	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2673

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 ANDREWS AFB WASHINGTON D.C.

44-72

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1400-2000
GROUP 1ST

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.25	≥.2	≥.16	≥.1	
NO CEILING	28.4	45.1	46.0	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
IV 20000	31.8	52.1	53.9	55.5	55.7	55.7	55.8	55.9	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0
IV 18000	32.0	52.5	54.3	55.9	56.1	56.1	56.2	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
IV 16000	32.1	52.9	54.7	56.2	56.5	56.5	56.6	56.7	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8
IV 14000	33.3	55.0	56.9	58.5	58.7	58.7	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
IV 12000	34.3	57.5	59.4	61.0	61.2	61.3	61.4	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
IV 10000	35.8	60.3	62.3	63.9	64.2	64.3	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
IV 9000	36.1	61.0	63.1	64.7	65.1	65.2	65.2	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5
IV 8000	36.9	62.9	65.2	66.9	67.3	67.4	67.5	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7
IV 7000	37.4	64.8	67.3	69.1	69.6	69.7	69.8	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1
IV 6000	37.9	66.3	68.9	71.0	71.6	71.7	71.8	72.0	72.0	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2
IV 5000	38.8	69.3	72.3	74.7	75.4	75.6	75.8	76.0	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
IV 4500	39.0	71.0	73.9	76.6	77.3	77.5	77.8	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IV 4000	39.7	72.6	75.8	78.7	79.4	79.7	79.9	80.3	80.3	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 3500	39.8	73.3	76.6	79.7	80.4	80.7	80.9	81.3	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 3000	40.1	74.1	77.5	80.8	81.5	81.9	82.2	82.7	82.8	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0
IV 2500	40.3	74.9	78.6	81.9	82.7	83.0	83.3	83.9	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 2000	40.5	76.1	80.0	83.4	84.2	84.6	85.0	85.5	85.7	85.8	85.9	85.9	86.0	86.0	86.0	86.0	86.0
IV 1800	40.5	76.3	80.3	83.8	84.6	85.0	85.4	85.9	86.1	86.3	86.4	86.4	86.5	86.5	86.5	86.5	86.5
IV 1500	40.7	77.1	81.2	84.8	85.8	86.3	86.8	87.4	87.6	87.8	87.9	87.9	88.0	88.0	88.0	88.0	88.0
IV 1200	40.7	77.7	81.8	85.5	86.6	87.1	87.6	88.3	88.5	88.7	88.8	88.8	88.9	88.9	88.9	88.9	88.9
IV 1000	40.7	78.2	82.4	86.0	87.4	88.0	88.7	89.3	89.5	89.8	90.0	90.0	90.0	90.0	90.0	90.1	90.1
IV 900	40.7	78.2	82.4	86.1	87.5	88.1	88.8	89.5	89.8	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.3
IV 800	40.8	78.4	82.8	86.6	88.1	88.7	89.4	90.1	90.4	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0
IV 700	40.8	78.5	82.9	86.8	88.3	88.9	89.6	90.4	90.8	91.3	91.6	91.6	91.7	91.7	91.7	91.7	91.7
IV 600	40.8	78.6	83.0	86.9	88.5	89.1	89.9	90.7	91.1	91.7	92.1	92.2	92.3	92.3	92.5	92.5	92.5
IV 500	40.8	78.7	83.1	87.1	88.9	89.6	90.6	91.7	92.2	92.9	93.4	93.5	93.7	93.8	93.9	93.9	93.9
IV 400	40.8	78.7	83.2	87.1	89.1	89.8	90.9	92.3	92.9	93.8	94.5	94.6	94.8	94.9	95.0	95.0	95.0
IV 300	40.8	78.7	83.2	87.3	89.3	90.1	91.2	92.9	93.5	94.5	95.4	95.6	96.2	96.3	96.5	96.5	96.5
IV 200	40.8	78.7	83.2	87.3	89.3	90.1	91.3	93.3	93.9	95.1	96.1	96.4	97.3	97.5	97.8	98.1	98.1
IV 100	40.8	78.7	83.2	87.3	89.3	90.1	91.3	93.3	94.0	95.2	96.3	96.6	97.7	97.9	98.4	99.0	99.0
IV 0	40.8	78.7	83.2	87.3	89.3	90.1	91.3	93.3	94.0	95.2	96.3	96.6	97.7	97.9	98.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2676

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 STATION ANDREWS AFB WASHINGTON D C 44-72 YEARS JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.5	≥.5	≥.5	≥.5	≥.5
NO CEILING	28.7	45.7	46.6	47.3	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
IV 20000	31.2	52.0	53.3	54.7	55.1	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.5
IV 18000	31.3	52.2	53.5	55.0	55.4	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.7	55.7
IV 16000	31.7	52.8	54.1	55.6	56.0	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.3	56.3
IV 14000	32.7	54.9	56.3	57.7	58.1	58.2	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
IV 12000	34.0	57.2	58.7	60.1	60.6	60.7	60.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	61.0
IV 10000	35.7	60.2	61.7	63.3	64.0	64.1	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.4
IV 9000	35.9	61.1	62.8	64.5	65.3	65.4	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
IV 8000	36.7	62.8	64.5	66.3	67.1	67.2	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.5
IV 7000	37.2	64.1	66.0	67.8	68.7	68.8	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
IV 6000	37.9	66.0	67.9	69.7	70.8	70.9	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
IV 5000	38.7	69.1	71.3	73.3	74.6	74.8	74.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.1
IV 4500	39.0	70.4	72.9	75.1	76.4	76.6	76.7	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.1
IV 4000	39.3	71.5	74.1	76.6	77.9	78.1	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.6	78.7
IV 3500	39.7	72.6	75.3	77.8	79.1	79.5	79.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.0	80.0
IV 3000	39.9	73.9	76.8	79.3	80.7	81.0	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.6	81.7
IV 2500	40.2	75.0	77.9	80.5	81.9	82.2	82.5	82.7	82.8	82.9	82.9	82.9	82.9	82.9	82.9	83.0
IV 2000	40.4	75.9	78.9	81.6	83.0	83.4	83.7	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.3	84.3
IV 1800	40.4	76.3	79.2	82.0	83.5	83.8	84.1	84.4	84.5	84.6	84.6	84.6	84.6	84.6	84.7	84.8
IV 1500	40.4	77.0	80.0	83.0	84.6	84.9	85.3	85.6	85.7	85.8	85.8	85.8	85.8	85.9	86.0	86.1
IV 1200	40.5	78.0	81.0	84.1	85.6	86.0	86.4	86.7	86.9	87.0	87.0	87.0	87.0	87.1	87.1	87.2
IV 1000	40.7	78.7	81.7	85.0	86.6	87.0	87.5	87.8	87.9	88.2	88.2	88.2	88.2	88.4	88.4	88.6
IV 900	40.8	78.9	82.0	85.4	87.0	87.4	87.9	88.4	88.5	88.8	88.8	88.9	88.9	89.1	89.1	89.3
IV 800	40.9	79.2	82.6	86.1	87.9	88.2	88.8	89.3	89.4	89.8	89.9	89.9	90.1	90.1	90.2	90.3
IV 700	40.9	79.4	82.8	86.4	88.2	88.7	89.4	90.1	90.2	90.6	90.8	90.8	90.9	91.0	91.1	91.1
IV 600	40.9	79.5	82.9	86.6	88.5	89.0	89.9	90.6	90.8	91.4	91.5	91.5	91.7	91.8	91.9	92.0
IV 500	40.9	79.6	83.0	86.7	88.8	89.2	90.3	91.4	91.5	92.4	92.7	92.7	93.0	93.1	93.3	93.3
IV 400	40.9	79.6	83.0	86.9	88.9	89.4	90.6	92.0	92.4	93.5	94.0	94.0	94.4	94.6	94.8	94.8
IV 300	40.9	79.6	83.0	86.9	89.2	89.7	91.2	92.7	93.0	94.4	95.0	95.0	95.5	95.7	95.9	96.1
IV 200	40.9	79.6	83.0	86.9	89.3	89.8	91.4	93.0	93.3	94.8	95.6	95.7	96.3	96.5	96.9	97.2
IV 100	40.9	79.6	83.0	86.9	89.3	89.8	91.5	93.2	93.6	95.2	96.1	96.2	96.9	97.1	97.6	98.4
IV 0	40.9	79.6	83.0	86.9	89.3	89.8	91.5	93.2	93.6	95.2	96.1	96.2	96.9	97.1	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2671

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 STATION ANDREWS AFB WASHINGTON D C 44-72 YEARS FEB MONTH
 PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) 0000-0200

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .4	≥ .3	≥ .25	≥ .2	≥ 0	
NO CEILING	28.6	46.8	47.8	48.6	48.8	48.8	49.1	49.1	49.1	49.1	49.2	49.2	49.2	49.2	49.2	
IV 20000	31.7	51.8	53.4	54.4	54.9	55.0	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.5	55.5	
IV 18000	31.7	52.0	53.6	54.6	55.0	55.1	55.4	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.7	
IV 16000	31.9	52.4	54.0	55.0	55.4	55.5	55.8	55.9	55.9	55.9	56.0	56.0	56.0	56.0	56.0	
IV 14000	32.4	53.3	55.0	56.0	56.5	56.6	56.9	57.0	57.1	57.1	57.1	57.1	57.2	57.2	57.2	
IV 12000	33.4	55.5	57.2	58.2	58.7	58.8	59.2	59.2	59.3	59.3	59.3	59.3	59.4	59.4	59.4	
IV 10000	34.1	57.6	59.5	60.5	61.0	61.1	61.4	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.7	
IV 9000	34.9	58.8	60.6	61.7	62.2	62.3	62.6	62.8	62.9	62.9	62.9	62.9	62.9	62.9	63.0	
IV 8000	35.6	61.3	63.1	64.3	64.9	65.0	65.3	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.7	
IV 7000	36.3	63.8	65.8	67.1	67.6	67.7	68.1	68.2	68.3	68.3	68.3	68.3	68.4	68.4	68.4	
IV 6000	37.3	65.8	68.1	69.5	70.0	70.2	70.5	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.9	
IV 5000	38.7	69.4	72.0	73.3	74.0	74.1	74.4	74.7	74.7	74.7	74.8	74.8	74.9	74.9	74.9	
IV 4500	39.1	70.6	73.3	74.7	75.3	75.4	75.7	76.0	76.1	76.1	76.1	76.1	76.2	76.2	76.2	
IV 4000	39.7	72.3	75.3	76.8	77.4	77.4	78.0	78.3	78.4	78.4	78.5	78.5	78.5	78.5	78.6	
IV 3500	39.9	73.5	76.5	78.0	78.8	78.9	79.3	79.7	79.7	79.7	79.9	79.9	79.9	79.9	80.0	
IV 3000	40.4	74.8	78.0	79.5	80.5	80.7	81.3	81.6	81.7	81.7	81.8	81.8	81.8	81.8	81.9	
IV 2500	40.5	75.5	78.8	80.5	81.5	81.8	82.3	82.7	82.7	82.7	82.9	82.9	82.9	82.9	82.9	
IV 2000	40.7	76.3	79.7	81.5	82.6	82.9	83.5	83.9	84.0	84.0	84.1	84.1	84.2	84.2	84.2	
IV 1800	40.8	76.6	80.1	82.0	83.1	83.4	84.1	84.4	84.5	84.5	84.7	84.7	84.7	84.7	84.7	
IV 1500	40.9	77.1	80.7	82.6	83.8	84.1	85.0	85.4	85.4	85.5	85.6	85.6	85.7	85.7	85.7	
IV 1200	41.0	77.6	81.2	83.2	84.5	84.8	85.8	86.2	86.3	86.3	86.5	86.5	86.6	86.6	86.6	
IV 1000	41.0	77.9	81.5	83.5	84.8	85.1	86.1	86.6	86.7	86.7	86.9	86.9	86.9	86.9	87.0	
IV 900	41.0	78.0	81.7	83.7	85.2	85.6	86.6	87.1	87.2	87.3	87.5	87.5	87.5	87.5	87.5	
IV 800	41.0	78.3	82.0	84.0	85.6	85.9	87.0	87.5	87.6	87.7	87.9	87.9	87.9	87.9	87.9	
IV 700	41.0	78.4	82.1	84.1	85.8	86.2	87.3	87.7	87.9	88.1	88.3	88.3	88.4	88.4	88.4	
IV 600	41.0	78.4	82.3	84.4	86.1	86.6	87.8	88.4	88.6	88.9	89.1	89.1	89.1	89.1	89.2	
IV 500	41.0	78.6	82.5	84.6	86.5	87.0	88.4	89.2	89.5	89.8	90.1	90.1	90.2	90.2	90.2	
IV 400	41.0	78.6	82.5	84.9	86.8	87.4	89.0	90.3	90.6	91.4	91.7	91.7	91.8	91.9	92.0	
IV 300	41.0	78.6	82.6	85.0	87.0	87.7	89.6	91.5	91.8	92.8	93.3	93.3	93.5	93.6	93.8	
IV 200	41.0	78.7	82.7	85.2	87.2	87.9	90.0	92.4	92.9	94.3	95.2	95.2	95.7	95.9	96.4	
IV 100	41.0	78.7	82.7	85.2	87.2	87.9	90.0	92.6	93.1	94.9	96.0	96.1	97.0	97.3	97.7	
IV 0	41.0	78.7	82.7	85.2	87.2	87.9	90.0	92.6	93.1	94.9	96.1	96.3	97.2	97.6	98.0	

TOTAL NUMBER OF OBSERVATIONS 2439

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705

ANDREWS AFB WASHINGTON D C

44-72

FFB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS 1 ST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.75	≥.7	≥.6	≥.5
NO CEILING	26.0	44.7	46.1	47.2	47.8	47.8	47.9	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.2
≥ 20000	28.8	50.5	52.4	53.9	54.8	54.9	55.1	55.2	55.2	55.3	55.3	55.3	55.4	55.4	55.4	55.4
IV 18000	28.8	50.6	52.5	54.1	55.0	55.0	55.3	55.4	55.4	55.4	55.4	55.4	55.5	55.5	55.5	55.6
IV 16000	29.0	51.0	52.9	54.4	55.4	55.4	55.7	55.7	55.7	55.8	55.8	55.8	55.9	55.9	55.9	55.9
IV 14000	29.6	51.7	53.6	55.2	56.2	56.2	56.5	56.5	56.5	56.6	56.6	56.6	56.7	56.7	56.7	56.7
IV 12000	30.7	54.1	56.0	57.7	58.6	58.7	59.0	59.0	59.0	59.1	59.1	59.1	59.2	59.2	59.2	59.2
IV 10000	31.6	56.7	58.8	60.6	61.5	61.6	61.9	61.9	61.9	62.0	62.0	62.0	62.1	62.1	62.1	62.1
IV 9000	31.8	57.6	59.7	61.5	62.4	62.5	62.8	62.8	62.8	62.9	62.9	62.9	63.0	63.0	63.0	63.0
IV 8000	32.0	59.3	61.5	63.3	64.3	64.3	64.6	64.7	64.7	64.8	64.8	64.8	64.9	64.9	64.9	64.9
IV 7000	32.7	61.7	64.2	66.2	67.2	67.2	67.6	67.6	67.6	67.7	67.8	67.8	67.9	67.9	67.9	67.9
IV 6000	34.5	63.6	66.1	68.1	69.2	69.3	69.6	69.7	69.7	69.8	69.8	69.8	69.9	69.9	69.9	69.9
IV 5000	35.8	67.2	69.7	72.0	73.1	73.2	73.5	73.6	73.6	73.7	73.7	73.7	73.8	73.8	73.8	73.8
IV 4500	36.8	69.3	72.0	74.3	75.4	75.5	75.8	75.9	75.9	76.0	76.0	76.0	76.1	76.1	76.1	76.1
IV 4000	37.4	70.8	73.6	76.1	77.5	77.5	77.9	77.9	77.9	78.1	78.1	78.1	78.2	78.2	78.2	78.2
IV 3500	37.7	71.9	74.7	77.3	78.8	78.8	79.2	79.3	79.3	79.4	79.4	79.5	79.5	79.5	79.5	79.6
IV 3000	38.3	73.2	76.5	79.3	81.0	81.1	81.5	81.7	81.7	81.8	81.8	81.9	82.0	82.0	82.0	82.0
IV 2500	38.6	74.2	77.7	80.5	82.5	82.6	83.0	83.1	83.1	83.3	83.3	83.4	83.4	83.4	83.4	83.5
IV 2000	38.7	74.8	78.5	81.3	83.4	83.5	84.1	84.3	84.3	84.4	84.5	84.5	84.6	84.6	84.6	84.6
IV 1800	38.7	75.0	78.6	81.5	83.6	83.7	84.3	84.5	84.5	84.7	84.7	84.7	84.8	84.8	84.8	84.9
IV 1500	38.7	75.2	78.9	81.8	84.0	84.3	85.0	85.2	85.2	85.4	85.5	85.5	85.6	85.6	85.6	85.6
IV 1200	39.0	75.6	79.4	82.5	84.7	85.0	85.8	86.1	86.1	86.3	86.3	86.4	86.5	86.6	86.6	86.6
IV 1000	39.0	75.8	79.6	82.6	85.1	85.4	86.2	86.6	86.6	86.8	86.9	86.9	87.0	87.1	87.1	87.1
IV 900	39.0	75.9	79.7	82.7	85.2	85.5	86.4	86.9	86.9	87.1	87.2	87.2	87.4	87.4	87.4	87.5
IV 800	39.0	76.0	79.8	82.9	85.5	85.8	86.7	87.2	87.2	87.5	87.7	87.7	87.9	87.9	87.9	87.9
IV 700	39.0	76.0	79.8	83.0	85.7	86.1	87.2	87.9	87.9	88.2	88.4	88.4	88.6	88.6	88.6	88.7
IV 600	39.0	76.0	80.0	83.2	86.0	86.4	87.7	88.4	88.4	88.8	88.9	89.0	89.2	89.2	89.3	89.3
IV 500	39.0	76.1	80.2	83.5	86.3	86.8	88.2	89.3	89.3	89.7	89.8	89.9	90.1	90.1	90.2	90.4
IV 400	39.0	76.1	80.3	83.7	86.8	87.3	88.9	90.2	90.4	90.9	91.1	91.1	91.4	91.4	91.7	91.9
IV 300	39.0	76.1	80.3	83.8	87.0	87.7	89.5	91.1	91.4	91.9	92.3	92.4	92.7	92.9	93.1	93.3
IV 200	39.0	76.1	80.3	83.9	87.1	87.8	89.9	92.0	92.4	93.3	94.1	94.2	94.8	95.3	95.5	96.2
IV 100	39.0	76.1	80.3	83.9	87.1	87.8	89.9	92.1	92.5	93.6	94.6	94.8	95.7	96.3	96.9	98.1
IV 0	39.0	76.1	80.3	83.9	87.1	87.8	89.9	92.1	92.5	93.6	94.7	94.9	95.8	96.4	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS

2439

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 STATION ANDREWS AFB WASHINGTON D C

44-72 YEARS

FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1	≥1	≥1	≥½	≥½	≥	≥5/16	≥	≥0
NO CEILING	22.2	39.2	41.0	42.0	42.6	43.1	43.5	43.7	43.7	43.7	43.7	43.7	43.8	43.9	44.0	44.2
≥ 20000	25.0	44.5	46.7	48.1	49.3	49.8	50.5	50.9	50.9	51.0	51.0	51.0	51.0	51.2	51.4	51.5
IV 18000	25.1	44.8	47.0	48.4	49.6	50.1	50.8	51.3	51.3	51.3	51.3	51.3	51.4	51.5	51.7	51.8
IV 16000	25.1	44.9	47.1	48.6	49.8	50.3	51.0	51.5	51.5	51.5	51.5	51.5	51.6	51.7	51.9	52.0
IV 14000	25.7	46.0	48.5	49.9	51.1	51.7	52.4	52.9	52.9	53.0	53.0	53.0	53.0	53.1	53.3	53.5
IV 12000	26.8	48.4	51.0	52.6	54.1	54.7	55.4	55.9	55.9	56.0	56.0	56.0	56.0	56.2	56.4	56.5
IV 10000	28.1	51.5	54.4	56.2	57.7	58.4	59.2	59.7	59.8	59.9	59.9	59.9	59.9	60.1	60.3	60.5
IV 9000	28.4	52.4	55.4	57.3	58.8	59.5	60.3	60.8	60.9	60.9	60.9	60.9	61.0	61.1	61.4	61.6
IV 8000	29.4	54.9	58.1	60.0	61.6	62.3	63.1	63.6	63.7	63.8	63.8	63.8	63.8	64.0	64.2	64.4
IV 7000	30.2	57.2	60.4	62.3	64.1	64.8	65.6	66.1	66.2	66.3	66.3	66.3	66.3	66.5	66.7	66.9
IV 6000	31.1	59.1	62.5	64.7	66.4	67.1	68.0	68.5	68.6	68.6	68.6	68.6	68.6	68.7	68.9	69.1
IV 5000	31.9	62.5	66.1	68.7	70.7	71.5	72.5	73.1	73.1	73.2	73.2	73.2	73.3	73.5	73.7	74.0
IV 4500	32.2	63.4	67.3	70.2	72.3	73.2	74.2	74.8	74.8	75.0	75.0	75.0	75.1	75.2	75.5	75.7
IV 4000	32.7	64.5	68.5	71.4	73.7	74.5	75.7	76.4	76.5	76.7	76.7	76.7	76.8	77.0	77.3	77.5
IV 3500	33.3	65.9	70.2	73.4	75.7	76.5	77.8	78.5	78.5	78.8	78.8	78.8	78.8	78.9	79.1	79.4
IV 3000	33.4	66.8	71.2	74.5	77.0	78.0	79.3	80.0	80.1	80.4	80.4	80.4	80.5	80.7	81.0	81.2
IV 2500	33.7	67.5	71.9	75.3	77.9	78.9	80.3	81.1	81.2	81.5	81.6	81.6	81.7	81.8	82.1	82.4
IV 2000	33.9	67.9	72.3	75.8	78.5	79.5	81.0	81.9	82.1	82.5	82.5	82.5	82.6	82.8	83.1	83.4
IV 1800	33.9	68.0	72.4	75.9	78.6	79.6	81.1	82.0	82.2	82.6	82.6	82.6	82.7	82.8	83.2	83.5
IV 1500	33.9	68.3	72.9	76.6	79.4	80.5	81.9	82.8	83.1	83.5	83.5	83.5	83.6	83.8	84.2	84.4
IV 1200	34.0	68.6	73.1	76.9	79.7	80.8	82.4	83.3	83.5	84.0	84.0	84.0	84.2	84.3	84.7	85.0
IV 1000	34.1	68.7	73.3	77.1	80.1	81.2	83.0	83.9	84.1	84.7	84.8	84.8	84.9	85.1	85.5	85.8
IV 900	34.1	68.9	73.5	77.6	80.8	81.9	83.7	84.7	85.1	85.7	85.8	85.8	86.0	86.3	86.7	87.0
IV 800	34.1	68.9	73.5	77.6	80.8	81.9	83.7	84.7	85.1	85.7	85.8	85.8	86.0	86.3	86.7	87.0
IV 700	34.2	69.2	73.8	77.8	81.0	82.3	84.2	85.3	85.7	86.5	86.7	86.7	87.0	87.2	87.6	87.9
IV 600	34.3	69.4	74.0	78.2	81.5	82.9	84.7	86.1	86.5	87.4	87.6	87.6	87.9	88.2	88.6	88.9
IV 500	34.3	69.5	74.3	78.4	81.8	83.3	85.1	86.9	87.4	88.6	88.8	88.8	89.1	89.3	89.9	90.2
IV 400	34.3	69.6	74.4	78.7	82.2	83.7	85.8	87.9	88.4	89.9	90.2	90.3	90.7	91.1	91.8	92.0
IV 300	34.4	69.8	74.6	78.9	82.5	84.3	86.5	89.0	89.8	91.7	92.2	92.2	92.9	93.2	94.1	94.5
IV 200	34.4	69.8	74.6	78.9	82.5	84.3	86.5	89.2	90.0	92.3	93.1	93.2	94.2	94.6	95.8	96.5
IV 100	34.4	69.8	74.6	78.9	82.5	84.3	86.5	89.2	90.1	92.4	93.4	93.6	94.7	95.2	96.8	97.9
IV 0	34.4	69.8	74.6	78.9	82.5	84.3	86.5	89.2	90.1	92.5	93.4	93.6	94.8	95.3	97.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2437

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAG

CEILING VERSUS VISIBILITY

13705 ANDREWS AFB WASHINGTON D.C. 44-72 FEB 1951

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 HOURS T.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥0
NO CEILING	23.8	39.4	40.5	41.3	42.0	42.3	42.5	42.6	42.6	42.6	42.6	42.6	42.7	42.7	42.7	42.8
≥ 20000	27.8	46.3	48.0	49.3	50.7	51.0	51.2	51.5	51.5	51.6	51.6	51.6	51.7	51.7	51.8	51.8
≥ 18000	28.1	46.9	48.6	50.0	51.4	51.7	51.9	52.2	52.2	52.3	52.3	52.3	52.4	52.4	52.5	52.5
≥ 16000	28.4	47.6	49.3	50.7	52.1	52.4	52.6	53.0	53.0	53.0	53.0	53.0	53.1	53.2	53.2	53.3
≥ 14000	29.2	49.1	51.0	52.4	53.8	54.1	54.3	54.7	54.7	54.8	54.8	54.8	54.8	54.9	55.0	55.0
≥ 12000	30.7	51.8	54.1	55.7	57.3	57.5	57.9	58.2	58.3	58.4	58.4	58.4	58.4	58.5	58.6	58.6
≥ 10000	32.0	54.4	57.1	58.9	60.7	61.0	61.4	61.8	61.8	61.9	61.9	61.9	62.0	62.0	62.1	62.1
≥ 9000	32.2	55.3	58.1	60.0	61.7	62.1	62.5	62.8	62.9	63.0	63.0	63.0	63.0	63.1	63.2	63.2
≥ 8000	32.9	57.5	60.4	62.3	64.1	64.5	64.9	65.2	65.3	65.3	65.3	65.3	65.4	65.5	65.5	65.6
≥ 7000	33.4	59.2	62.2	64.2	66.1	66.5	66.9	67.3	67.4	67.4	67.4	67.4	67.5	67.6	67.7	67.7
≥ 6000	33.8	60.8	63.9	66.0	68.0	68.4	68.9	69.3	69.4	69.4	69.4	69.4	69.5	69.6	69.7	69.7
≥ 5000	34.5	62.9	66.2	68.5	70.7	71.1	71.9	72.4	72.4	72.5	72.5	72.5	72.6	72.6	72.8	72.8
≥ 4500	34.9	63.7	67.0	69.5	71.8	72.2	73.0	73.5	73.5	73.6	73.6	73.6	73.7	73.7	73.9	73.9
≥ 4000	35.6	65.1	68.8	71.5	74.1	74.5	75.3	75.8	75.8	75.9	75.9	75.9	76.0	76.0	76.2	76.3
≥ 3500	36.3	66.1	70.1	73.1	75.7	76.1	76.9	77.4	77.5	77.6	77.6	77.6	77.7	77.7	77.9	77.9
≥ 3000	36.8	67.1	71.2	74.4	77.2	77.8	78.8	79.4	79.5	79.7	79.7	79.7	79.8	79.8	80.0	80.0
≥ 2500	37.0	67.6	71.8	75.1	78.1	78.7	79.7	80.5	80.6	80.8	80.8	80.8	80.9	81.0	81.1	81.2
≥ 2000	37.1	68.1	72.6	76.0	79.1	79.8	80.8	81.7	81.8	82.0	82.0	82.0	82.2	82.2	82.4	82.4
≥ 1800	37.1	68.2	72.6	76.1	79.3	79.9	81.0	81.9	82.0	82.2	82.2	82.2	82.4	82.4	82.6	82.6
≥ 1500	37.2	68.5	72.9	76.4	79.8	80.6	81.7	82.6	82.7	83.1	83.2	83.2	83.4	83.4	83.6	83.6
≥ 1200	37.3	68.7	73.3	76.9	80.5	81.3	82.6	83.6	83.7	84.2	84.2	84.2	84.4	84.5	84.7	84.7
≥ 1000	37.4	69.1	73.8	77.6	81.3	82.2	83.5	84.7	85.0	85.4	85.5	85.6	86.0	86.1	86.3	86.3
≥ 900	37.4	69.2	73.9	77.8	81.5	82.5	84.0	85.2	85.5	86.0	86.1	86.2	86.6	86.7	86.9	86.9
≥ 800	37.4	69.3	74.2	78.1	81.9	82.9	84.5	85.9	86.3	86.9	87.2	87.3	87.7	87.8	88.0	88.0
≥ 700	37.4	69.5	74.4	78.3	82.2	83.4	85.1	86.8	87.2	88.1	88.6	88.6	89.2	89.3	89.5	89.5
≥ 600	37.4	69.7	74.7	78.6	82.6	84.0	85.8	87.5	88.0	89.0	89.7	89.7	90.3	90.4	90.6	90.6
≥ 500	37.4	69.8	74.8	78.8	82.9	84.3	86.4	88.6	89.1	90.2	91.0	91.1	91.8	92.0	92.3	92.3
≥ 400	37.4	69.8	74.9	78.9	83.0	84.5	87.0	89.4	90.0	91.3	92.5	92.6	93.4	93.6	94.0	94.1
≥ 300	37.4	69.9	74.9	79.0	83.2	84.8	87.4	90.1	91.0	93.0	94.5	94.7	95.8	96.1	96.6	96.8
≥ 200	37.4	69.9	74.9	79.0	83.2	84.9	87.4	90.4	91.6	93.9	95.8	96.1	97.5	97.9	98.5	98.8
≥ 100	37.4	69.9	74.9	79.0	83.2	84.9	87.4	90.4	91.6	93.9	95.8	96.2	97.7	98.1	98.8	99.4
≥ 0	37.4	69.9	74.9	79.0	83.2	84.9	87.4	90.5	91.6	94.0	95.9	96.2	97.7	98.2	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2432

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 STATION ANDREWS AFB WASHINGTON D C 44-72 YEARS FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 HOURS

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥0
NO CEILING	28.1	41.6	42.2	42.6	42.8	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
IV 20000	34.2	52.3	53.2	53.7	53.9	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
IV 18000	34.3	52.7	53.5	54.0	54.3	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
IV 15000	34.9	53.6	54.4	55.0	55.3	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
IV 14000	35.8	55.2	56.0	56.6	56.9	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
IV 12000	37.4	57.8	58.9	59.5	59.8	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
IV 10000	38.5	60.3	61.6	62.4	62.9	63.2	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
IV 9000	38.9	61.2	62.6	63.3	63.8	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
IV 8000	39.9	62.8	64.4	65.2	65.7	66.0	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
IV 7000	40.1	64.0	65.7	66.5	67.1	67.4	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
IV 6000	40.9	65.6	67.4	68.3	68.9	69.2	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
IV 5000	41.9	67.7	69.7	70.8	71.5	71.9	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
IV 4500	42.4	68.5	70.6	71.7	72.5	72.9	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IV 4000	44.0	71.0	73.2	74.3	75.1	75.5	76.1	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
IV 3500	44.7	72.6	74.8	76.1	77.0	77.4	78.0	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IV 3000	45.5	74.1	76.4	78.3	79.4	79.8	80.5	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 2500	45.8	74.6	77.2	79.1	80.2	80.7	81.4	81.7	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9
IV 2000	46.1	75.5	78.3	80.5	81.7	82.3	83.1	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IV 1800	46.1	75.6	78.5	80.9	82.1	82.7	83.5	83.9	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1
IV 1500	46.2	76.0	78.9	81.3	82.6	83.3	84.3	84.7	84.7	84.9	84.9	84.9	84.9	85.0	85.0	85.0
IV 1200	46.2	76.2	79.2	81.7	83.2	83.9	85.0	85.6	85.6	85.8	85.9	85.9	85.9	86.0	86.0	86.0
IV 1000	46.3	76.4	79.5	82.3	83.9	84.8	86.2	86.8	86.9	87.3	87.6	87.6	87.6	87.7	87.7	87.7
IV 900	46.3	76.5	79.6	82.5	84.3	85.2	86.7	87.4	87.6	88.1	88.3	88.4	88.4	88.5	88.5	88.5
IV 800	46.3	76.6	79.9	82.9	84.7	85.6	87.4	88.2	88.4	89.0	89.4	89.5	89.5	89.6	89.6	89.6
IV 700	46.4	76.6	80.0	83.0	85.0	85.9	87.8	88.9	89.2	89.9	90.4	90.5	90.6	90.6	90.6	90.6
IV 600	46.4	76.7	80.0	83.1	85.2	86.3	88.5	89.8	90.1	91.0	91.5	91.7	91.8	91.8	91.8	91.8
IV 500	46.4	76.8	80.2	83.4	85.6	86.8	89.2	91.0	91.3	92.4	93.1	93.4	93.7	93.8	93.9	94.0
IV 400	46.4	76.8	80.3	83.5	86.0	87.4	90.0	92.0	92.6	93.8	94.7	95.0	95.4	95.5	95.7	95.9
IV 300	46.4	76.9	80.4	83.6	86.0	87.6	90.4	92.9	93.7	95.4	96.6	97.1	98.1	98.4	98.6	98.9
IV 200	46.4	76.9	80.4	83.6	86.0	87.6	90.4	92.9	93.7	95.5	96.8	97.3	98.3	98.6	99.1	99.7
IV 100	46.4	76.9	80.4	83.6	86.0	87.6	90.4	92.9	93.7	95.5	96.8	97.3	98.3	98.6	99.1	99.7
IV 0	46.4	76.9	80.4	83.6	86.0	87.6	90.4	92.9	93.7	95.5	96.8	97.3	98.3	98.6	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 2436

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705

ANDREWS AFB WASHINGTON D.C.

44-72

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING ≥ 20000	29.0	41.5	42.2	42.6	42.8	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ 18000	35.1	52.3	53.3	53.9	54.1	54.4	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 16000	36.2	53.0	53.7	54.4	54.6	54.8	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 14000	36.5	53.5	54.4	55.0	55.2	55.5	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 12000	37.6	55.1	56.0	56.7	57.0	57.3	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 10000	39.1	57.7	58.8	59.6	59.9	60.2	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 9000	40.8	60.7	62.1	63.0	63.3	63.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 8000	41.2	61.8	63.2	64.2	64.5	64.8	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 7000	42.0	63.3	65.0	66.1	66.5	66.8	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 6000	42.6	65.3	67.1	68.2	68.8	69.2	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 5000	43.3	67.4	69.2	70.4	71.0	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 4500	44.1	70.1	72.1	73.5	74.2	74.7	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 4000	44.8	71.2	73.3	74.7	75.3	75.9	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 3500	45.6	73.2	75.4	77.1	77.9	78.3	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 3000	46.2	74.3	76.8	78.5	79.3	80.0	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 2500	46.7	75.5	78.2	80.2	81.2	81.6	82.0	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 2000	47.0	76.2	79.1	81.2	82.4	82.9	83.5	83.6	83.6	83.7	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1800	47.2	76.6	79.8	82.3	83.7	84.2	84.9	85.1	85.2	85.5	85.4	85.4	85.4	85.4	85.4	85.4
≥ 1500	47.2	76.8	80.0	82.5	83.9	84.5	85.2	85.4	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7
≥ 1200	47.2	77.1	80.4	83.0	84.7	85.3	86.1	86.3	86.4	86.5	86.6	86.6	86.6	86.6	86.6	86.6
≥ 1000	47.2	77.3	80.7	83.4	85.3	85.9	86.8	87.2	87.3	87.4	87.6	87.6	87.6	87.6	87.6	87.6
≥ 900	47.2	77.6	81.0	83.8	85.6	86.4	87.4	87.9	88.0	88.3	88.5	88.5	88.6	88.6	88.6	88.6
≥ 800	47.3	77.7	81.2	84.0	86.1	86.9	87.9	88.6	88.8	89.2	89.4	89.4	89.5	89.5	89.5	89.5
≥ 700	47.3	77.7	81.3	84.2	86.4	87.2	88.4	89.2	89.4	89.9	90.2	90.3	90.3	90.3	90.3	90.4
≥ 600	47.4	77.9	81.6	84.7	87.0	87.8	89.1	90.0	90.3	90.8	91.2	91.2	91.4	91.4	91.4	91.5
≥ 500	47.4	77.9	81.6	84.8	87.3	88.2	89.7	90.7	91.0	91.7	92.0	92.1	92.3	92.3	92.3	92.3
≥ 400	47.4	77.9	81.6	84.8	87.6	88.5	90.4	91.7	92.2	93.0	93.5	93.7	94.2	94.2	94.2	94.4
≥ 300	47.4	78.0	81.7	85.0	87.9	89.0	91.1	92.6	93.2	94.4	95.2	95.4	96.1	96.3	96.3	96.5
≥ 200	47.4	78.1	81.8	85.0	88.0	89.2	91.6	93.3	94.2	95.7	96.6	96.9	97.8	98.0	98.2	98.4
≥ 100	47.4	78.1	81.8	85.0	88.0	89.2	91.6	93.3	94.3	96.0	97.0	97.4	98.4	98.6	98.9	99.1
≥ 0	47.4	78.1	81.8	85.0	88.0	89.2	91.6	93.3	94.3	96.1	97.2	97.6	98.7	99.1	99.4	99.9

TOTAL NUMBER OF OBSERVATIONS

2434

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1970 STATION ANDREWS AFB WASHINGTON D C 44-72 YEARS FEB 1969

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1400-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING > 20000	29.6	46.0	47.0	47.5	48.0	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
IV ≥ 18000	33.4	53.5	55.1	55.8	56.6	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
IV ≥ 16000	33.8	54.0	55.6	56.4	57.1	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
IV ≥ 14000	34.1	54.5	56.1	56.9	57.6	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
IV ≥ 12000	34.8	55.5	57.1	57.8	58.6	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
IV ≥ 10000	35.2	57.7	59.5	60.5	61.3	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
IV ≥ 9000	36.4	60.2	62.2	63.2	64.1	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
IV ≥ 8000	36.9	61.4	63.4	64.4	65.3	65.4	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
IV ≥ 7000	37.0	63.8	65.8	66.9	67.8	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
IV ≥ 6000	38.0	65.8	68.0	69.3	70.3	70.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
IV ≥ 5000	39.3	67.8	70.1	71.4	72.5	72.7	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
IV ≥ 4000	40.7	71.0	73.9	75.3	76.5	76.7	77.0	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2
IV ≥ 3500	40.9	71.9	74.9	76.3	77.5	77.8	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2
IV ≥ 3000	41.2	73.2	76.5	78.1	79.4	79.6	80.0	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2
IV ≥ 2500	41.7	74.2	77.8	79.5	80.8	81.1	81.5	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV ≥ 2000	41.8	75.4	79.0	80.8	82.2	82.5	82.9	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2
IV ≥ 1800	41.8	76.1	79.9	82.0	83.4	83.8	84.1	84.4	84.4	84.5	84.6	84.6	84.6	84.6	84.6	84.6
IV ≥ 1500	41.9	76.7	80.6	82.8	84.4	84.8	85.2	85.5	85.5	85.6	85.7	85.7	85.8	85.8	85.8	85.8
IV ≥ 1200	41.9	76.8	80.7	83.0	84.7	85.0	85.4	85.8	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.1
IV ≥ 1000	42.0	77.1	81.0	83.3	85.0	85.4	85.8	86.2	86.3	86.4	86.5	86.5	86.5	86.5	86.5	86.5
IV ≥ 900	42.0	77.3	81.4	83.9	85.7	86.1	86.6	87.1	87.1	87.2	87.3	87.3	87.4	87.4	87.4	87.4
IV ≥ 800	42.0	77.4	81.6	84.1	86.0	86.4	87.0	87.6	87.7	87.8	88.0	88.0	88.0	88.0	88.0	88.0
IV ≥ 700	42.0	77.6	81.7	84.3	86.1	86.6	87.2	88.0	88.0	88.2	88.4	88.4	88.5	88.5	88.5	88.5
IV ≥ 600	42.0	77.6	81.7	84.3	86.4	86.9	87.7	88.3	88.5	88.7	88.9	88.9	89.0	89.0	89.0	89.0
IV ≥ 500	42.0	77.6	81.8	84.6	86.7	87.3	88.2	89.2	89.5	89.8	90.1	90.1	90.1	90.1	90.1	90.1
IV ≥ 400	42.0	77.8	82.1	85.0	87.3	87.9	88.9	89.9	90.2	90.6	91.0	91.0	91.0	91.0	91.0	91.0
IV ≥ 300	42.1	78.0	82.3	85.3	87.8	88.5	89.6	91.1	91.5	92.2	92.6	92.6	92.7	92.7	92.7	92.8
IV ≥ 200	42.1	78.1	82.5	85.6	88.1	88.9	90.6	92.0	93.0	94.0	94.5	94.5	94.7	94.7	94.8	94.8
IV ≥ 100	42.1	78.1	82.5	85.7	88.3	89.3	91.4	94.4	95.2	96.6	97.4	97.5	98.0	98.2	98.5	98.6
IV ≥ 0	42.1	78.1	82.5	85.7	88.3	89.3	91.5	94.5	95.4	96.9	97.7	97.9	98.5	98.8	99.1	99.4

TOTAL NUMBER OF OBSERVATIONS 2434

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 ANDREWS AFB WASHINGTON D C 44-72 FEB
 MONTH YEAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS) 2100-2300

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥0
NO CEILING	30.1	48.3	49.2	49.9	50.1	50.1	50.2	50.2	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.3
≥ 20000	32.3	53.0	54.6	55.4	55.7	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 18000	32.5	53.5	55.1	55.9	56.2	56.4	56.5	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 16000	32.7	53.9	55.5	56.3	56.6	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 14000	33.6	55.6	57.2	58.1	58.4	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 12000	34.2	57.7	59.3	60.4	60.8	61.0	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 10000	35.3	60.3	62.2	63.2	63.5	63.8	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 9000	36.1	61.8	63.8	64.7	65.0	65.3	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 8000	36.8	64.0	65.9	66.9	67.3	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 7000	37.7	66.5	68.8	69.8	70.2	70.5	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 6000	38.9	69.0	71.4	72.5	73.1	73.3	73.5	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 5000	40.3	71.9	74.6	75.8	76.5	76.7	76.9	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 4500	40.9	73.3	76.1	77.3	78.0	78.3	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 4000	41.3	74.4	77.3	78.8	79.5	79.8	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 3500	41.5	76.0	79.0	80.5	81.2	81.5	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 3000	41.9	77.0	80.1	81.7	82.4	82.7	82.9	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 2500	42.3	77.7	80.8	82.6	83.3	83.7	83.9	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 2000	42.4	78.2	81.5	83.3	84.2	84.5	84.8	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.2	85.2
≥ 1800	42.5	78.3	81.6	83.4	84.3	84.7	84.9	85.1	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 1500	42.7	78.7	82.0	83.9	84.8	85.2	85.6	85.8	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1200	42.7	78.9	82.3	84.2	85.3	85.8	86.3	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.8	86.8
≥ 1000	42.8	79.2	82.5	84.4	85.7	86.2	86.8	87.2	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5
≥ 900	42.8	79.5	82.9	84.8	86.0	86.5	87.2	87.5	87.6	87.8	87.9	87.9	87.9	87.9	87.9	87.9
≥ 800	42.8	79.6	83.1	84.9	86.2	86.7	87.4	87.8	87.9	88.1	88.2	88.2	88.2	88.2	88.3	88.3
≥ 750	42.8	79.7	83.1	85.0	86.3	87.0	87.7	88.1	88.4	88.8	88.8	88.8	88.8	88.9	89.0	89.0
≥ 600	42.8	79.9	83.3	85.4	86.7	87.4	88.2	88.8	89.2	89.7	89.8	89.8	89.8	89.9	90.0	90.0
≥ 500	42.9	80.1	83.5	85.6	87.1	87.8	88.7	89.3	89.9	90.6	90.7	90.7	90.8	90.8	91.0	91.0
≥ 400	42.9	80.2	83.7	86.1	87.9	88.7	89.9	90.8	91.3	92.2	92.4	92.4	92.6	92.7	92.9	92.9
≥ 300	42.9	80.3	83.8	86.3	88.3	89.3	90.5	92.2	93.4	94.8	95.3	95.4	95.9	96.1	96.4	96.7
≥ 200	42.9	80.3	83.8	86.3	88.3	89.3	90.7	92.8	93.8	95.2	95.9	95.9	96.7	97.0	97.6	98.3
≥ 100	42.9	80.3	83.8	86.3	88.3	89.3	90.7	92.8	93.8	95.2	95.9	95.9	96.7	97.0	97.6	98.3
≥ 0	42.9	80.3	83.8	86.3	88.3	89.3	90.7	92.8	93.8	95.2	95.9	95.9	96.7	97.0	97.6	98.3

TOTAL NUMBER OF OBSERVATIONS 2437

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

19705 ANDREWS AFB WASHINGTON D C 44-72 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥0.8	≥0.6	≥0.5	≥0.4	≥0.3	≥0.2
≥ 20000	32.6	49.6	50.1	50.4	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 18000	36.7	56.5	57.4	57.8	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2
≥ 16000	36.8	56.7	57.6	58.0	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.4
≥ 14000	37.0	57.0	57.9	58.3	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.7
≥ 12000	37.4	57.9	58.8	59.2	59.5	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.6
≥ 10000	38.9	60.2	61.1	61.5	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.9	62.0
≥ 9000	40.2	62.7	63.6	64.0	64.2	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.5
≥ 8000	40.7	63.6	64.5	64.9	65.1	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.4
≥ 7000	41.9	66.4	67.3	67.7	67.9	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.2
≥ 6000	42.6	68.0	69.2	69.6	69.8	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.2
≥ 5000	43.2	70.2	71.6	72.0	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.6
≥ 4500	44.5	73.7	75.2	75.8	76.1	76.1	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.7
≥ 4000	45.3	75.2	76.8	77.4	77.8	77.8	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.4
≥ 3500	45.7	76.6	78.3	78.9	79.3	79.3	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.9
≥ 3000	46.3	77.8	79.7	80.6	80.8	80.8	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.4
≥ 2500	46.7	79.0	80.9	81.8	82.3	82.4	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.1
≥ 2000	47.1	79.8	81.8	82.7	83.4	83.5	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.2
≥ 1800	47.3	80.3	82.6	83.6	84.4	84.5	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.4
≥ 1500	47.4	80.5	82.8	83.9	84.6	84.7	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.6
≥ 1200	47.4	80.9	83.2	84.3	85.1	85.2	85.8	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.2	86.2
≥ 1000	47.5	81.3	83.7	84.9	85.7	85.9	86.4	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	87.0
≥ 900	47.6	81.5	84.2	85.4	86.3	86.5	87.1	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.7
≥ 800	47.7	81.8	84.4	85.7	86.6	86.8	87.4	87.6	87.8	87.9	87.9	87.9	87.9	88.0	88.0	88.1
≥ 700	47.7	82.0	84.7	86.1	87.2	87.3	88.0	88.4	88.6	88.8	88.8	88.8	88.8	88.9	88.9	89.0
≥ 600	47.7	82.1	84.8	86.2	87.5	87.7	88.5	88.9	89.1	89.4	89.5	89.5	89.5	89.5	89.5	89.7
≥ 500	47.7	82.3	85.1	86.5	87.8	88.0	88.9	89.3	89.8	90.2	90.2	90.2	90.4	90.4	90.5	90.6
≥ 400	47.7	82.5	85.3	86.8	88.2	88.5	89.5	90.6	90.8	91.4	91.5	91.5	91.7	91.7	91.8	91.9
≥ 300	47.8	82.6	85.6	87.2	88.9	89.4	90.6	91.8	92.1	92.7	93.0	93.0	93.1	93.1	93.3	93.3
≥ 200	47.8	82.7	85.6	87.3	89.2	89.7	91.2	92.7	93.1	94.0	94.3	94.4	94.6	94.7	94.9	94.9
≥ 100	47.8	82.7	85.7	87.5	89.5	90.0	91.7	93.4	94.1	95.6	96.2	96.2	96.6	96.8	97.0	97.1
≥ 0	47.8	82.7	85.7	87.5	89.5	90.1	91.7	93.8	94.4	96.2	97.0	97.1	97.5	97.7	98.1	98.5
≥ 0	47.8	82.7	85.7	87.5	89.5	90.1	91.7	93.8	94.6	96.2	97.0	97.1	97.5	97.8	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 2686

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 ANDREWS AFB WASHINGTON D C

44-72

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET.	VISIBILITY - STATUTE MILES:																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0	
NO CEILING	31.3	49.6	50.2	50.7	50.8	50.8	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.1	51.1	51.1	51.2
IV 20000	34.6	55.9	57.1	57.7	58.0	58.0	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.4	58.4	58.4	58.5
IV 18000	34.6	56.0	57.2	57.7	58.1	58.1	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.4	58.4	58.4	58.5
IV 16000	34.7	56.3	57.5	58.0	58.4	58.4	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.8	58.8
IV 14000	35.3	57.2	58.4	59.0	59.3	59.4	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.7	59.7	59.7	59.8
IV 12000	35.7	58.5	59.9	60.4	60.8	60.8	60.9	61.1	61.1	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.3
IV 10000	37.2	61.0	62.4	63.0	63.4	63.5	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.8	63.8	63.8	64.0
IV 9000	37.7	61.8	63.2	63.8	64.2	64.3	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.6	64.6	64.7	64.8
IV 8000	38.7	64.4	66.1	66.7	67.1	67.2	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.5	67.5	67.5	67.7
IV 7000	39.3	66.6	68.3	68.9	69.3	69.4	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.8	69.8	69.8	69.9
IV 6000	39.9	68.3	70.2	71.0	71.4	71.5	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.9	72.1
IV 5000	41.0	71.7	73.8	74.8	75.2	75.3	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.8	76.0
IV 4500	41.4	72.4	74.6	75.6	76.1	76.2	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.7	76.9
IV 4000	42.2	74.3	76.6	77.7	78.1	78.2	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.9
IV 3500	42.6	75.2	77.6	78.7	79.2	79.3	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8	80.0
IV 3000	43.2	76.2	78.7	79.9	80.3	80.4	80.6	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.2
IV 2500	43.6	76.9	79.5	80.7	81.1	81.2	81.4	81.6	81.6	81.7	81.7	81.7	81.7	81.8	81.8	81.8	82.0
IV 2000	43.9	77.8	80.6	81.9	82.4	82.6	82.8	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.5
IV 1800	44.0	78.1	81.0	82.3	82.8	83.0	83.3	83.6	83.6	83.7	83.7	83.7	83.7	83.8	83.8	83.8	84.0
IV 1500	44.3	79.0	81.9	83.3	83.9	84.1	84.4	84.8	84.8	84.9	85.0	85.0	85.0	85.1	85.1	85.1	85.3
IV 1200	44.4	79.4	82.5	84.0	84.7	85.0	85.4	85.8	85.8	85.9	86.0	86.0	86.0	86.1	86.2	86.2	86.4
IV 1000	44.5	79.7	82.9	84.5	85.4	85.7	86.3	86.7	86.8	86.9	87.0	87.0	87.0	87.2	87.3	87.3	87.5
IV 900	44.6	79.9	83.1	84.7	85.7	86.0	86.6	87.1	87.2	87.3	87.4	87.4	87.4	87.6	87.6	87.7	87.9
IV 800	44.6	80.0	83.2	84.9	86.0	86.3	87.0	87.6	87.6	87.7	87.9	87.9	87.9	88.0	88.1	88.1	88.3
IV 700	44.6	80.1	83.4	85.1	86.4	86.7	87.4	88.2	88.3	88.4	88.6	88.6	88.6	88.8	88.8	88.9	89.1
IV 600	44.6	80.3	83.7	85.5	86.9	87.3	88.1	88.9	89.0	89.2	89.4	89.4	89.4	89.6	89.7	89.7	89.9
IV 500	44.6	80.3	83.7	85.6	87.2	87.6	88.6	89.4	89.5	90.0	90.3	90.3	90.3	90.5	90.5	90.6	90.8
IV 400	44.6	80.4	84.0	86.1	87.9	88.3	89.6	90.7	90.9	91.5	92.0	92.0	92.0	92.2	92.3	92.3	92.5
IV 300	44.6	80.4	84.1	86.4	88.3	88.8	90.2	91.7	92.1	93.3	93.8	93.8	93.8	94.1	94.2	94.2	94.5
IV 200	44.6	80.4	84.2	86.5	88.5	89.0	90.6	92.3	92.8	94.5	95.2	95.2	95.2	95.6	95.8	95.9	96.1
IV 100	44.6	80.4	84.2	86.5	88.5	89.0	90.7	92.6	93.1	95.0	95.9	95.9	95.9	96.6	96.8	97.2	98.2
IV 0	44.6	80.4	84.2	86.5	88.5	89.0	90.7	92.6	93.1	95.0	95.9	95.9	95.9	96.7	96.9	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS

2685

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13703

ANDREWS AFB WASHINGTON D C

44-72

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 0
NO CEILING ≥ 20000	25.0	41.0	42.3	43.5	44.3	44.4	44.7	44.7	44.7	44.8	44.9	44.9	44.9	44.9	44.9	45.1
≥ 18000 ≥ 15000	28.5	48.6	50.6	52.1	53.0	53.3	53.8	53.9	53.9	54.0	54.1	54.1	54.1	54.1	54.2	54.4
≥ 14000 ≥ 12000	28.8	49.2	51.2	52.7	53.8	54.0	54.6	54.7	54.7	54.8	54.9	54.9	54.9	54.9	55.0	55.2
≥ 10000 ≥ 9000	29.1	50.0	52.1	53.6	54.8	55.1	55.7	55.8	55.8	55.9	56.0	56.0	56.0	56.0	56.1	56.3
≥ 8000 ≥ 7000	29.8	51.8	53.9	55.5	56.8	57.1	57.8	57.9	57.9	58.1	58.2	58.2	58.2	58.2	58.3	58.5
≥ 6000 ≥ 5000	30.9	54.5	56.7	58.4	59.8	60.2	60.8	60.9	60.9	61.1	61.2	61.3	61.3	61.3	61.4	61.6
≥ 4500 ≥ 4000	31.1	55.3	57.5	59.4	60.8	61.1	61.8	61.9	61.9	62.1	62.2	62.3	62.3	62.3	62.3	62.6
≥ 3000	32.0	57.5	59.9	62.1	63.7	64.0	64.7	65.0	65.0	65.2	65.3	65.3	65.3	65.3	65.4	65.6
≥ 2500	32.8	59.5	62.2	64.5	66.3	66.8	67.5	67.8	67.8	68.0	68.1	68.1	68.1	68.1	68.2	68.4
≥ 2000	33.4	61.2	64.2	66.4	68.3	68.8	69.6	69.9	69.9	70.1	70.2	70.2	70.2	70.2	70.3	70.5
≥ 1800	34.9	63.3	66.5	70.0	72.0	72.5	73.4	73.8	73.8	74.0	74.1	74.2	74.2	74.2	74.2	74.4
≥ 1500	34.9	65.3	68.5	71.1	73.1	73.6	74.5	74.9	74.9	75.1	75.2	75.2	75.2	75.2	75.3	75.5
≥ 1200	35.4	66.5	70.0	72.5	74.7	75.3	76.2	76.6	76.7	76.9	77.0	77.0	77.0	77.0	77.1	77.3
≥ 1000	35.8	67.5	71.1	73.9	76.1	76.8	77.8	78.1	78.2	78.4	78.5	78.6	78.6	78.6	78.6	78.9
≥ 900	36.1	68.3	72.0	74.9	77.3	78.0	79.1	79.5	79.5	79.7	79.9	79.9	79.9	79.9	80.0	80.2
≥ 800	36.4	69.0	72.8	75.9	78.5	79.1	80.3	80.8	80.9	81.1	81.2	81.3	81.3	81.3	81.4	81.6
≥ 700	36.7	70.0	74.0	77.3	80.0	80.8	81.9	82.4	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 600	36.7	70.6	74.6	78.0	80.8	81.5	82.7	83.3	83.4	83.7	83.8	83.9	83.9	83.9	84.0	84.2
≥ 500	36.9	71.1	75.2	78.7	81.6	82.4	83.6	84.3	84.4	84.8	84.9	85.0	85.0	85.0	85.1	85.3
≥ 400	37.0	71.2	75.3	79.0	81.9	82.8	84.0	84.9	85.0	85.5	85.7	85.8	85.8	85.8	85.8	86.0
≥ 300	37.0	71.4	75.6	79.3	82.2	83.2	84.5	85.5	85.6	86.0	86.2	86.3	86.3	86.3	86.4	86.6
≥ 200	37.0	71.7	75.9	79.7	82.7	83.7	85.3	86.5	86.7	87.2	87.4	87.5	87.5	87.5	87.6	87.8
≥ 100	37.0	71.8	76.1	79.9	83.1	84.0	85.8	87.1	87.2	87.7	88.0	88.1	88.1	88.1	88.2	88.4
≥ 100	37.0	71.9	76.2	80.2	83.3	84.3	86.2	87.6	87.8	88.4	88.8	88.9	89.0	89.1	89.2	89.4
≥ 100	37.1	72.0	76.4	80.5	83.7	84.9	87.1	88.5	88.7	89.7	90.2	90.4	90.7	90.7	90.8	91.0
≥ 100	37.1	72.1	76.5	80.7	84.2	85.6	88.0	89.9	90.2	91.3	91.9	92.1	92.5	92.5	92.7	92.9
≥ 100	37.1	72.2	76.7	80.9	84.5	85.9	88.6	90.9	91.3	92.6	93.6	93.8	94.4	94.5	94.7	94.9
≥ 100	37.1	72.2	76.7	80.9	84.6	86.1	88.8	91.5	92.1	93.4	94.6	94.9	95.8	96.0	96.5	96.8
≥ 100	37.1	72.2	76.7	80.9	84.6	86.1	88.8	91.5	92.2	93.6	94.9	95.2	96.3	96.5	97.3	98.6
≥ 100	37.1	72.2	76.7	80.9	84.6	86.1	88.8	91.5	92.2	93.6	95.0	95.3	96.4	96.6	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS

2681

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 ANDREWS AFB WASHINGTON D C

44-72

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PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-1100

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	27.2	41.2	42.3	42.7	42.9	43.0	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ 2000	32.6	50.6	51.9	52.4	52.8	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
IV 18000	32.8	51.2	52.6	53.1	53.5	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
IV 16000	32.8	51.6	52.9	53.5	53.9	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IV 14000	33.4	52.5	53.9	54.5	54.9	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
IV 12000	34.5	54.4	56.0	56.6	57.1	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
IV 10000	35.5	57.0	58.7	59.6	60.0	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
IV 9000	35.7	57.9	59.8	60.7	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6
IV 8000	36.0	59.3	61.4	62.5	63.1	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 7000	36.6	61.6	63.8	64.9	65.7	65.9	66.0	66.0	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1
IV 6000	37.2	62.7	64.9	66.1	67.0	67.2	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4
IV 5000	38.9	66.1	68.4	69.8	70.7	70.9	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
IV 4500	39.8	67.6	70.0	71.4	72.4	72.7	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 4000	41.2	69.7	72.2	73.8	74.9	75.2	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
IV 3500	41.8	70.9	73.5	75.1	76.3	76.7	77.0	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2
IV 3000	42.4	72.7	75.5	77.2	78.5	78.9	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
IV 2500	42.9	73.7	76.8	78.6	80.0	80.4	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
IV 2000	43.1	74.7	78.0	79.9	81.5	82.0	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
IV 1800	43.1	74.9	78.2	80.1	81.7	82.3	83.0	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3
IV 1500	43.2	75.3	78.7	80.8	82.4	83.0	83.8	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1
IV 1200	43.4	75.7	79.4	81.7	83.4	84.0	85.0	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4
IV 1000	43.5	76.2	80.0	82.4	84.3	85.1	86.2	86.6	86.6	86.6	86.6	86.8	86.8	86.8	86.8	86.8
IV 900	43.6	76.4	80.3	83.1	85.2	85.9	87.2	87.7	87.7	87.7	87.9	87.9	88.0	88.0	88.0	88.0
IV 800	43.6	76.5	80.5	83.4	85.6	86.4	87.7	88.4	88.4	88.4	88.7	88.8	88.9	88.9	88.9	88.9
IV 700	43.6	76.6	80.7	83.8	86.3	87.1	88.7	89.5	89.7	90.0	90.1	90.2	90.3	90.3	90.3	90.3
IV 600	43.6	76.7	80.7	83.9	86.5	87.4	89.1	90.0	90.2	90.8	91.1	91.3	91.3	91.3	91.3	91.3
IV 500	43.6	77.0	81.2	84.6	87.4	88.4	90.4	91.8	92.0	92.9	93.3	93.5	93.6	93.6	93.6	93.6
IV 400	43.6	77.0	81.3	84.8	87.9	89.0	91.1	92.9	93.2	94.4	95.0	95.2	95.5	95.6	95.6	95.6
IV 300	43.6	77.1	81.4	84.9	88.1	89.2	91.5	93.6	94.1	95.6	96.4	96.7	97.2	97.3	97.3	97.3
IV 200	43.6	77.1	81.4	85.0	88.2	89.3	91.6	93.9	94.6	96.5	97.5	97.9	98.6	98.8	99.0	99.1
IV 100	43.6	77.1	81.4	85.0	88.2	89.3	91.6	93.9	94.6	96.5	97.7	98.0	98.8	99.0	99.4	99.9
IV 0	43.6	77.1	81.4	85.0	88.2	89.3	91.6	93.9	94.6	96.5	97.7	98.0	98.8	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS

2688

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 ANDREWS AFB WASHINGTON, D.C. 44-72 YEARS 1200-1400 HOURS

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.2	≥.1	≥.06	≥.0	≥0
NO CEILING	30.7	41.5	41.9	42.0	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
≥ 20000	47.2	51.0	51.5	51.6	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
18000	37.3	51.5	51.9	52.1	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
16000	37.5	51.8	52.2	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
14000	38.4	53.3	53.8	53.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
12000	39.3	53.5	56.1	56.2	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
10000	40.8	57.8	58.4	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
9000	41.1	58.5	59.1	59.4	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
8000	41.8	59.8	60.7	61.0	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
7000	42.2	61.3	62.3	62.7	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
6000	42.7	62.4	63.4	64.1	64.3	64.5	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
5000	46.1	67.2	68.2	68.9	69.3	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
4500	47.7	69.8	71.0	71.7	72.1	72.1	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
4000	49.2	73.2	74.6	75.3	75.8	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
3500	50.3	75.0	76.6	77.5	78.0	78.1	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3
3000	51.2	77.5	79.2	80.2	80.9	81.0	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2
2500	52.1	78.5	80.4	81.5	82.2	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
2000	52.8	79.9	82.0	83.2	84.1	84.2	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5
1800	52.8	80.1	82.2	83.5	84.5	84.7	84.8	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0
1500	53.0	80.7	83.1	84.4	85.5	85.8	86.1	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3
1200	53.2	81.6	84.0	85.5	86.8	87.2	87.6	87.7	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9
1000	53.3	82.1	84.6	86.3	87.7	88.2	88.9	89.2	89.2	89.4	89.5	89.5	89.5	89.5	89.5	89.5
900	53.3	82.1	84.7	86.6	88.2	88.7	89.4	89.8	89.8	90.1	90.2	90.2	90.2	90.2	90.3	90.3
800	53.4	82.2	84.9	87.0	88.7	89.3	90.2	90.6	90.7	91.0	91.2	91.2	91.2	91.2	91.3	91.3
700	53.4	82.3	85.1	87.2	89.1	89.9	90.8	91.7	91.7	92.1	92.3	92.3	92.4	92.4	92.4	92.4
600	53.4	82.4	85.3	87.6	89.7	90.5	91.7	92.7	92.7	93.2	93.4	93.5	93.6	93.6	93.7	93.7
500	53.5	82.6	85.5	87.9	90.1	91.0	92.6	93.7	94.0	94.6	94.8	94.9	95.1	95.1	95.2	95.2
400	53.6	82.7	85.7	88.1	90.4	91.4	93.3	94.8	95.2	96.3	96.7	96.8	97.1	97.1	97.2	97.2
300	53.6	82.7	85.7	88.1	90.6	91.6	93.6	95.5	95.9	97.4	97.7	98.0	98.5	98.5	98.7	98.7
200	53.6	82.7	85.7	88.2	90.6	91.7	93.7	95.6	96.3	97.9	98.3	98.6	99.2	99.3	99.5	99.6
100	53.6	82.7	85.7	88.2	90.6	91.7	93.7	95.6	96.3	97.9	98.4	98.7	99.4	99.5	99.9	100.0
0	53.6	82.7	85.7	88.2	90.6	91.7	93.7	95.6	96.3	97.9	98.4	98.7	99.4	99.5	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2685

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 STATION ANDREWS AFB WASHINGTON D C 44-72 YEARS MAR MONTH 1500-1700 HOURS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.2	≥.16	≥.1	≥0
NO CEILING	31.8	43.1	43.5	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 20000	39.7	53.6	54.2	54.3	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
IVM 18000	40.0	54.2	54.8	54.9	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
IVM 16000	40.4	54.7	55.3	55.5	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
IVM 14000	41.4	56.6	57.2	57.4	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
IVM 12000	42.4	56.2	59.0	59.1	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
IVM 10000	43.6	60.9	61.7	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
IVM 9000	44.1	61.8	62.5	62.8	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IVM 8000	45.0	63.8	64.8	65.1	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
IVM 7000	45.4	65.1	66.3	66.6	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
IVM 6000	46.0	66.5	67.9	68.3	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
IVM 5000	49.0	70.7	72.2	72.7	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
IVM 4500	50.6	73.0	74.5	75.2	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
IVM 4000	51.8	75.7	77.4	78.1	78.6	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IVM 3500	52.9	77.7	79.6	80.5	81.1	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IVM 3000	53.7	79.3	81.3	82.3	83.0	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IVM 2500	54.3	80.5	82.5	83.5	84.3	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IVM 2000	54.8	81.9	84.1	85.3	86.4	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IVM 1800	54.9	82.1	84.3	85.5	86.6	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IVM 1500	55.0	82.8	84.9	86.4	87.6	87.9	88.1	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IVM 1200	55.0	83.1	85.3	86.8	88.1	88.5	88.8	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IVM 1000	55.0	83.2	85.5	87.1	88.5	89.0	89.5	89.5	89.5	89.6	89.8	89.8	89.8	89.8	89.8	89.8
IVM 900	55.1	83.3	85.6	87.3	88.9	89.5	90.0	90.1	90.2	90.3	90.3	90.3	90.3	90.4	90.4	90.4
IVM 800	55.1	83.3	85.5	87.4	89.3	90.0	90.5	90.7	90.8	90.9	90.9	90.9	90.9	90.9	90.9	91.0
IVM 700	55.1	83.5	85.9	87.8	89.9	90.6	91.2	91.5	91.7	91.8	91.9	91.9	91.9	92.0	92.0	92.0
IVM 600	55.2	83.6	86.1	88.0	90.2	90.9	91.7	92.3	92.4	92.6	92.8	92.8	92.8	93.0	93.0	93.0
IVM 500	55.2	83.8	86.3	88.3	90.5	91.4	92.5	93.5	93.7	94.1	94.3	94.4	94.6	94.7	94.7	94.7
IVM 400	55.2	83.8	86.3	88.3	90.5	91.6	93.1	94.4	94.7	95.4	95.8	95.9	96.2	96.3	96.4	96.4
IVM 300	55.2	83.8	86.3	88.4	90.8	92.0	93.6	95.3	95.8	97.0	97.5	97.7	98.1	98.2	98.3	98.3
IVM 200	55.2	83.8	86.3	88.4	90.9	92.0	93.7	95.4	96.0	97.5	98.2	98.4	98.8	99.0	99.1	99.1
IVM 100	55.2	83.8	86.3	88.4	90.9	92.0	93.7	95.5	96.0	97.7	98.4	98.6	99.2	99.4	99.6	99.8
IVM 0	55.2	83.8	86.3	88.4	90.9	92.0	93.7	95.5	96.0	97.7	98.4	98.6	99.2	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2685

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 ANDREWS AFB WASHINGTON D C

44-72

JAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-2000
HOURS U.S.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.75	≥.7	≥.6	≥.5
NO CEILING	33.3	49.2	49.5	49.8	49.9	50.0	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 20000	38.7	57.7	58.4	58.7	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
IV 18000	38.8	58.1	58.8	59.2	59.4	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
IV 16000	38.9	58.6	59.4	59.7	60.0	60.0	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
IV 14000	39.7	59.7	60.5	60.9	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IV 12000	40.9	61.7	62.6	63.0	63.3	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
IV 10000	42.0	64.4	65.5	65.9	66.2	66.2	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
IV 9000	42.0	65.3	66.3	66.8	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
IV 8000	43.4	67.3	68.4	68.8	69.3	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
IV 7000	43.9	69.0	70.2	70.7	71.2	71.3	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5
IV 6000	44.7	70.8	72.0	72.5	73.2	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IV 5000	46.0	74.1	75.5	76.2	77.1	77.2	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 4500	46.3	75.3	76.8	77.5	78.5	78.5	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 4000	47.0	77.6	79.2	80.1	81.0	81.1	81.3	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5
IV 3500	47.3	79.1	80.8	81.8	82.9	83.0	83.2	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4
IV 3000	47.7	80.1	81.8	82.9	84.0	84.2	84.4	84.4	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.7
IV 2500	47.9	80.7	82.6	83.9	85.2	85.3	85.6	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV 2000	48.2	81.9	83.9	85.5	86.7	86.9	87.3	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 1800	48.3	82.1	84.2	85.8	87.0	87.3	87.7	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 1500	48.3	82.5	84.7	86.3	87.6	87.8	88.3	88.5	88.5	88.6	88.7	88.7	88.7	88.7	88.7	88.7
IV 1200	48.5	82.7	85.0	86.6	88.0	88.3	88.8	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 1000	48.5	82.8	85.2	87.0	88.4	88.8	89.3	89.6	89.6	89.8	89.9	89.9	90.0	90.0	90.0	90.0
IV 900	48.5	82.9	85.3	87.2	88.7	89.0	89.6	89.9	89.9	90.2	90.3	90.3	90.4	90.4	90.4	90.4
IV 800	48.5	83.0	85.4	87.4	89.2	89.6	90.4	90.8	90.9	91.1	91.2	91.2	91.4	91.4	91.4	91.4
IV 700	48.5	83.0	85.5	87.6	89.5	89.9	90.9	91.4	91.5	91.7	91.9	91.9	92.0	92.0	92.0	92.0
IV 600	48.5	83.1	85.7	87.8	89.8	90.3	91.3	91.8	92.0	92.2	92.5	92.5	92.6	92.6	92.6	92.6
IV 500	48.5	83.2	85.9	88.0	90.2	90.8	92.2	92.9	93.4	93.7	94.0	94.0	94.1	94.1	94.1	94.1
IV 400	48.5	83.2	85.9	88.2	90.6	91.4	93.0	94.1	94.6	95.2	95.5	95.5	95.6	95.6	95.7	95.7
IV 300	48.5	83.2	86.1	88.4	91.1	91.9	93.7	95.2	95.8	96.6	96.9	97.0	97.2	97.3	97.4	97.4
IV 200	48.5	83.2	86.1	88.4	91.1	91.9	93.9	95.5	96.2	97.4	98.0	98.2	98.6	98.7	98.8	98.8
IV 100	48.5	83.2	86.1	88.4	91.1	92.0	93.9	95.6	96.3	97.5	98.2	98.4	99.0	99.0	99.2	99.5
IV 0	48.5	83.2	86.1	88.4	91.1	92.0	93.9	95.6	96.3	97.5	98.2	98.4	99.0	99.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS

2633

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 ANDREWS AFB WASHINGTON D C

44-72

1948

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.15	≥.1
NO CEILING ≥ 20000	34.5	51.8	52.0	52.1	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.4
IV V 18000 16000	39.0	58.8	59.2	59.5	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9
IV V 14000 12000	39.7	60.4	60.8	61.1	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.5
IV V 10000 9000	40.8	62.6	63.1	63.4	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.8
IV V 8000 7000	42.5	65.1	65.6	65.9	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.4
IV V 6000 5000	42.7	65.8	66.3	66.6	66.8	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.1
IV V 4500 4000	44.1	68.2	68.9	69.3	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7
IV V 3500 3000	45.8	72.0	72.8	73.2	73.5	73.6	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8
IV V 2500 2000	47.1	75.5	76.4	76.8	77.3	77.3	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.8
IV V 1800 1500	47.7	76.8	77.8	78.3	78.8	79.0	79.2	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4
IV V 1200 1000	48.2	78.3	79.4	79.9	80.5	80.7	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.2
IV V 900 800	48.7	79.4	80.6	81.1	81.8	82.0	82.2	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.5
IV V 700 600	49.4	80.6	81.8	82.3	83.0	83.4	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.9	83.9	83.9
IV V 500 400	49.7	81.3	82.7	83.4	84.1	84.5	84.9	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.2
IV V 300 200	49.8	81.9	83.6	84.2	85.1	85.4	85.8	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1
IV V 100 0	49.9	82.0	83.8	84.6	85.4	85.8	86.2	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.5
	50.0	82.5	84.4	85.2	86.1	86.4	86.9	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.4
	50.1	82.9	84.9	85.7	86.6	87.0	87.5	87.8	87.8	87.9	88.0	88.0	88.0	88.0	88.0	88.1
	50.1	83.1	85.2	86.2	87.2	87.6	88.2	88.6	88.7	88.9	88.9	88.9	89.0	89.0	89.0	89.0
	50.1	83.2	85.5	86.6	87.8	88.3	89.0	89.5	89.6	89.9	89.9	89.9	90.0	90.0	90.0	90.1
	50.2	83.3	85.8	87.0	88.4	89.0	89.9	90.5	90.6	90.9	91.0	91.0	91.0	91.1	91.1	91.2
	50.2	83.6	85.8	87.2	88.7	89.3	90.3	91.0	91.1	91.5	91.6	91.6	91.7	91.7	91.7	91.9
	50.2	83.6	85.8	87.2	88.7	89.3	90.3	91.0	91.1	91.9	92.1	92.7	92.8	92.8	93.0	93.2
	50.2	83.8	86.1	87.6	89.3	89.9	91.1	91.9	92.1	92.7	92.8	92.8	93.0	93.0	93.0	93.2
	50.2	83.9	86.4	88.0	89.9	90.6	92.0	93.0	93.4	94.0	94.2	94.2	94.6	94.7	94.9	94.9
	50.3	83.9	86.5	88.3	90.2	91.1	92.5	93.6	94.2	95.2	95.4	95.5	95.9	96.0	96.1	96.3
	50.3	83.9	86.5	88.3	90.3	91.3	93.0	94.4	95.1	96.2	96.7	96.8	97.4	97.6	97.7	98.0
	50.3	83.9	86.5	88.3	90.3	91.3	93.1	94.5	95.2	96.5	97.1	97.2	98.0	98.2	98.5	99.0
	50.3	83.9	86.5	88.3	90.3	91.3	93.1	94.5	95.3	96.5	97.2	97.2	98.0	98.3	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS

2684

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 STATION ANDREWS AFB WASHINGTON, D.C. 44-72 YEARS APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 HOUR

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	33.5	48.6	49.7	50.2	50.4	50.4	50.4	50.4	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.7
≥ 20000	38.2	55.4	56.6	57.3	57.5	57.5	57.5	57.6	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.9
IV 18000	38.2	55.8	57.0	57.7	57.9	57.9	57.9	58.0	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.3
IV 16000	38.4	56.2	57.4	58.1	58.3	58.3	58.3	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.7
IV 14000	39.0	57.4	58.6	59.3	59.5	59.5	59.5	59.6	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.9
IV 12000	40.5	59.6	60.8	61.5	61.7	61.8	61.8	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.2
IV 10000	43.1	63.4	64.7	65.4	65.6	65.7	65.7	65.9	65.9	66.0	66.1	66.1	66.1	66.1	66.1	66.2
IV 9000	43.7	64.9	66.1	66.9	67.1	67.2	67.2	67.4	67.4	67.5	67.6	67.6	67.6	67.6	67.6	67.7
IV 8000	44.9	67.3	68.6	69.3	69.7	69.8	69.9	70.0	70.1	70.2	70.2	70.3	70.3	70.3	70.3	70.4
IV 7000	46.2	69.7	71.1	72.0	72.3	72.4	72.5	72.7	72.8	72.9	72.9	72.9	72.9	72.9	72.9	73.1
IV 6000	47.0	71.4	72.9	73.8	74.3	74.4	74.5	74.7	74.8	74.9	74.9	75.0	75.0	75.0	75.0	75.1
IV 5000	48.4	73.9	75.5	76.4	76.8	77.0	77.1	77.3	77.4	77.5	77.5	77.6	77.6	77.6	77.6	77.7
IV 4500	48.6	75.0	76.7	77.6	78.1	78.3	78.4	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.8	79.0
IV 4000	49.1	76.4	78.1	79.2	79.7	79.8	80.0	80.3	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.7
IV 3500	49.2	77.0	78.8	80.0	80.5	80.7	80.9	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.5
IV 3000	49.5	78.1	80.0	81.3	81.9	82.0	82.2	82.3	82.6	82.7	82.7	82.8	82.8	82.8	82.8	82.9
IV 2500	49.9	79.0	81.1	82.4	83.0	83.2	83.4	83.6	83.7	83.8	83.9	83.9	83.9	83.9	83.9	84.0
IV 2000	50.2	80.5	82.7	84.1	84.8	84.9	85.1	85.4	85.5	85.6	85.6	85.7	85.7	85.7	85.7	85.8
IV 1800	50.2	80.7	82.9	84.4	85.0	85.2	85.4	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9	86.1
IV 1500	50.5	81.7	84.2	85.6	86.3	86.6	86.8	87.1	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.5
IV 1200	50.6	82.2	84.8	86.3	87.0	87.2	87.5	87.7	87.9	88.0	88.1	88.1	88.1	88.1	88.1	88.2
IV 1000	50.6	82.6	85.3	86.8	87.5	87.7	88.0	88.3	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.8
IV 900	50.6	82.7	85.4	86.9	87.6	87.9	88.2	88.6	88.7	88.8	88.9	88.9	88.9	88.9	88.9	89.1
IV 800	50.7	82.9	85.8	87.4	88.2	88.5	88.9	89.2	89.3	89.4	89.5	89.5	89.5	89.5	89.5	89.7
IV 700	50.7	83.1	86.2	88.0	89.0	89.4	89.9	90.2	90.3	90.4	90.5	90.5	90.6	90.6	90.6	90.7
IV 600	50.7	83.2	86.4	88.2	89.3	89.9	90.4	90.8	90.9	91.1	91.1	91.1	91.2	91.2	91.2	91.3
IV 500	50.8	83.5	86.7	88.7	90.1	90.8	91.4	91.9	92.3	92.4	92.5	92.5	92.6	92.6	92.6	92.7
IV 400	50.8	83.7	87.1	89.2	90.7	91.4	92.3	93.1	93.5	93.8	93.8	93.9	93.9	93.9	93.9	94.1
IV 300	50.8	83.7	87.2	89.4	91.0	91.8	92.8	94.0	94.6	95.0	95.0	95.0	95.1	95.1	95.1	95.4
IV 200	50.8	83.8	87.2	89.5	91.3	92.1	93.4	95.1	95.9	96.4	96.5	96.6	96.6	96.8	96.8	97.1
IV 100	50.8	83.8	87.2	89.5	91.3	92.1	93.5	95.3	96.1	96.8	97.1	97.2	97.4	97.6	97.8	98.4
IV 0	50.8	83.8	87.3	89.5	91.3	92.1	93.6	95.5	96.3	97.0	97.4	97.5	97.7	97.9	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 2595

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 ANDREWS AFB WASHINGTON D C

44-72

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

C 100-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.2	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING	29.3	45.5	46.6	47.1	47.4	47.5	47.5	47.7	47.7	47.7	47.8	47.8	47.8	47.8	47.8	47.8
≥ 20000	34.0	53.0	54.4	55.0	55.6	55.7	55.8	55.9	55.9	56.0	56.0	56.0	56.0	56.1	56.1	56.2
≥ 18000	34.0	53.2	54.6	55.2	55.8	55.9	56.0	56.1	56.1	56.2	56.2	56.2	56.2	56.3	56.3	56.4
≥ 16000	34.1	53.3	54.7	55.4	56.0	56.1	56.2	56.3	56.3	56.4	56.4	56.4	56.5	56.5	56.5	56.7
≥ 14000	34.6	54.2	55.6	56.3	56.9	57.0	57.0	57.1	57.1	57.2	57.2	57.2	57.4	57.4	57.4	57.6
≥ 12000	36.0	56.7	58.2	58.9	59.5	59.7	59.7	59.8	59.8	59.9	59.9	59.9	60.1	60.1	60.1	60.2
≥ 10000	38.0	60.4	61.9	62.8	63.4	63.5	63.6	63.8	63.8	63.8	63.9	63.9	64.0	64.1	64.1	64.2
≥ 9000	38.6	61.5	63.0	63.9	64.4	64.6	64.6	64.8	64.8	64.9	64.9	64.9	65.1	65.1	65.1	65.3
≥ 8000	39.8	63.8	65.3	66.4	67.0	67.2	67.3	67.6	67.6	67.6	67.7	67.7	67.8	67.9	67.9	68.0
≥ 7000	41.0	66.6	68.1	69.3	69.9	70.1	70.3	70.5	70.5	70.6	70.6	70.6	70.7	70.8	70.8	70.9
≥ 6000	42.4	68.9	70.7	71.9	72.7	72.8	73.0	73.2	73.2	73.3	73.3	73.3	73.5	73.5	73.5	73.7
≥ 5000	43.7	71.6	73.5	74.7	75.7	75.8	76.2	76.5	76.5	76.5	76.6	76.6	76.7	76.8	76.8	76.9
≥ 4500	44.0	72.6	74.5	75.8	76.7	76.9	77.3	77.5	77.5	77.6	77.6	77.6	77.7	77.8	77.8	77.9
≥ 4000	44.4	73.9	75.8	77.2	78.2	78.4	78.7	79.0	79.0	79.0	79.1	79.1	79.2	79.3	79.3	79.4
≥ 3500	44.8	74.6	76.6	78.0	79.0	79.2	79.6	79.8	79.8	79.9	79.9	79.9	80.0	80.1	80.1	80.2
≥ 3000	44.9	75.3	77.3	78.9	79.9	80.1	80.5	80.8	80.8	80.9	80.9	80.9	81.1	81.2	81.2	81.3
≥ 2500	45.3	76.5	78.6	80.1	81.2	81.4	81.8	82.2	82.2	82.3	82.3	82.3	82.5	82.6	82.6	82.7
≥ 2000	45.7	78.0	80.2	81.7	82.9	83.1	83.6	83.9	84.0	84.1	84.1	84.1	84.3	84.4	84.4	84.5
≥ 1800	45.7	78.2	80.4	82.0	83.1	83.4	83.9	84.2	84.3	84.4	84.4	84.4	84.6	84.6	84.6	84.7
≥ 1500	46.2	79.2	81.6	83.2	84.4	84.8	85.3	85.6	85.7	85.8	85.9	85.9	86.0	86.1	86.1	86.2
≥ 1200	46.0	79.5	82.2	84.0	85.3	85.7	86.2	86.6	86.7	86.7	86.8	86.8	86.9	87.0	87.0	87.1
≥ 1000	46.0	79.7	82.4	84.3	85.7	86.1	86.6	87.0	87.1	87.2	87.2	87.2	87.4	87.4	87.4	87.6
≥ 900	46.0	79.8	82.7	84.6	86.1	86.5	87.0	87.4	87.5	87.6	87.7	87.7	87.8	87.9	87.9	88.0
≥ 800	46.1	80.0	83.0	85.0	86.6	86.9	87.6	88.0	88.1	88.3	88.3	88.3	88.4	88.5	88.5	88.6
≥ 700	46.1	80.2	83.3	85.4	87.0	87.4	88.0	88.5	88.6	88.8	88.8	88.8	89.0	89.1	89.1	89.2
≥ 600	46.1	80.2	83.5	85.7	87.5	87.9	88.7	89.3	89.4	89.6	89.6	89.6	89.8	89.9	89.9	90.0
≥ 500	46.1	80.3	83.7	86.1	88.1	88.6	89.6	90.2	90.4	90.6	90.6	90.6	90.9	90.9	90.9	91.1
≥ 400	46.2	80.6	84.3	86.9	89.4	89.9	91.0	91.8	92.1	92.3	92.5	92.5	92.8	92.9	92.9	93.0
≥ 300	46.2	80.7	84.4	87.1	89.8	90.3	91.6	92.6	93.0	93.3	93.6	93.6	93.9	94.1	94.1	94.2
≥ 200	46.2	80.7	84.4	87.2	90.0	90.6	91.9	93.6	94.0	94.5	95.0	95.1	95.6	95.8	95.8	96.1
≥ 100	46.2	80.7	84.4	87.2	90.0	90.6	92.0	93.8	94.3	95.1	95.8	96.0	96.8	97.0	97.2	98.3
≥ 0	46.2	80.7	84.4	87.2	90.0	90.6	92.0	93.8	94.3	95.1	95.8	96.0	96.8	97.0	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS

2596

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 ANDREWS AFB WASHINGTON D.C. 44-72 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	20.8	41.2	42.5	43.3	43.7	43.9	44.0	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
IV 20000	31.1	44.9	50.8	51.9	52.6	52.8	53.1	53.3	53.3	53.4	53.5	53.5	53.5	53.5	53.5	53.5
IV 18000	31.3	49.2	51.2	52.3	52.9	53.1	53.5	53.7	53.7	53.8	53.9	53.9	53.9	53.9	53.9	53.9
IV 16000	31.3	49.4	51.3	52.4	53.1	53.3	53.7	53.8	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0
IV 14000	31.8	50.6	52.6	53.8	54.5	54.7	55.1	55.3	55.3	55.4	55.5	55.5	55.5	55.5	55.5	55.5
IV 12000	32.9	53.4	55.6	56.9	57.7	58.0	58.4	58.6	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.9
IV 10000	34.7	57.1	59.5	61.0	61.9	62.3	62.7	63.0	63.0	63.1	63.2	63.2	63.2	63.2	63.2	63.3
IV 8000	35.1	58.4	60.8	62.4	63.2	63.6	64.0	64.3	64.4	64.5	64.6	64.6	64.6	64.6	64.6	64.7
IV 7000	36.3	60.7	63.4	65.2	66.2	66.5	67.1	67.3	67.4	67.5	67.6	67.6	67.6	67.6	67.6	67.7
IV 6000	37.1	62.9	65.6	67.6	68.7	69.1	69.7	69.9	70.0	70.2	70.3	70.3	70.3	70.3	70.3	70.4
IV 5000	38.3	65.3	68.4	70.5	71.8	72.1	72.7	72.9	73.0	73.2	73.3	73.3	73.3	73.3	73.3	73.4
IV 4500	40.1	68.3	71.5	73.8	75.3	75.6	76.3	76.6	76.7	76.9	77.0	77.0	77.0	77.0	77.0	77.1
IV 4000	40.4	69.0	72.4	75.0	76.5	76.9	77.6	78.0	78.0	78.2	78.3	78.3	78.3	78.3	78.3	78.4
IV 3500	41.9	69.9	73.5	76.3	78.0	78.5	79.3	79.7	79.8	80.0	80.1	80.1	80.1	80.1	80.1	80.2
IV 3000	41.2	70.6	74.3	77.1	78.9	79.4	80.2	80.7	80.8	81.0	81.1	81.1	81.1	81.1	81.1	81.2
IV 2500	41.4	71.3	75.2	78.1	79.9	80.3	81.2	81.7	81.9	82.1	82.2	82.2	82.2	82.2	82.2	82.3
IV 2000	41.5	71.8	75.8	78.8	80.6	81.0	81.9	82.4	82.6	82.8	82.9	82.9	82.9	82.9	82.9	83.0
IV 1800	41.7	72.0	76.6	79.6	81.7	82.1	83.0	83.6	83.7	84.0	84.1	84.1	84.1	84.1	84.1	84.2
IV 1500	41.7	72.8	76.8	80.0	81.8	82.4	83.2	83.9	84.0	84.2	84.4	84.4	84.4	84.4	84.4	84.5
IV 1200	41.8	73.1	77.3	80.5	82.5	83.0	84.1	84.7	84.9	85.2	85.3	85.3	85.3	85.3	85.3	85.5
IV 1000	41.8	73.8	78.1	81.3	83.4	84.0	85.0	85.7	85.9	86.2	86.3	86.3	86.4	86.4	86.4	86.5
IV 900	41.9	73.9	78.3	81.5	83.9	84.4	85.5	86.3	86.5	86.7	86.9	86.9	87.0	87.0	87.0	87.1
IV 800	41.9	74.0	78.4	81.8	84.4	85.0	86.1	86.9	87.0	87.3	87.5	87.5	87.5	87.5	87.5	87.6
IV 700	42.0	74.3	78.8	82.1	84.9	85.5	86.7	87.5	87.7	88.0	88.2	88.2	88.2	88.2	88.2	88.3
IV 600	42.0	74.3	78.9	82.3	85.1	85.8	87.0	88.0	88.1	88.5	88.7	88.7	88.7	88.7	88.7	88.9
IV 500	42.0	74.5	79.2	82.7	85.6	86.3	87.7	88.8	88.9	89.3	89.6	89.6	89.7	89.7	89.7	89.8
IV 400	42.0	74.6	79.4	83.0	86.2	87.0	88.7	89.8	90.0	90.5	90.9	90.9	91.1	91.1	91.1	91.3
IV 300	42.0	74.9	79.8	83.5	87.0	87.9	89.9	91.3	91.6	92.3	92.9	92.9	93.1	93.1	93.1	93.4
IV 200	42.0	75.0	79.9	83.7	87.4	88.3	90.7	92.4	92.9	94.1	95.0	95.0	95.0	95.0	95.0	95.8
IV 100	42.0	75.0	80.0	83.8	87.5	88.4	90.9	92.6	93.3	94.6	95.0	95.0	95.0	95.0	95.0	95.8
IV 0	42.0	75.0	80.0	83.8	87.5	88.4	90.9	92.7	93.4	94.8	96.1	96.2	96.2	96.2	96.2	97.3
IV 0	42.0	75.0	80.0	83.8	87.5	88.4	90.9	92.7	93.4	94.8	96.1	96.2	96.2	96.2	96.2	97.4
IV 0	42.0	75.0	80.0	83.8	87.5	88.4	90.9	92.7	93.4	94.8	96.1	96.2	96.2	96.2	96.2	97.4
IV 0	42.0	75.0	80.0	83.8	87.5	88.4	90.9	92.7	93.4	94.8	96.1	96.2	96.2	96.2	96.2	97.4

TOTAL NUMBER OF OBSERVATIONS

2595

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 STATION ANDRLWS AFB WASHINGTON D C 44-72 YEARS APR

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100
MOCS 1-57

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .6	≥ .5	≥ .4	≥ 0		
NO CEILING ≥ 20000	30.5 35.8	43.5 51.3	43.8 51.7	44.2 52.2	44.3 52.4	44.4 52.6	44.4 52.6	44.4 52.6	44.4 52.6	44.4 52.6	44.4 52.6	44.4 52.6	44.4 52.6	44.4 52.6	44.4 52.6	44.4 52.6	
IVV 18000 16000	36.2 36.5	52.2 52.6	52.6 53.0	53.1 53.6	53.3 53.8	53.5 54.0	53.5 54.0	53.5 54.0	53.5 54.0	53.5 54.0	53.5 54.0	53.5 54.0	53.5 54.0	53.5 54.0	53.5 54.0	53.5 54.0	
IVV 14000 12000	37.4 39.1	54.0 56.8	54.5 57.3	55.2 58.0	55.3 58.3	55.5 58.4	55.5 58.4	55.5 58.4	55.5 58.4	55.5 58.4	55.5 58.4	55.5 58.4	55.5 58.4	55.5 58.4	55.5 58.4	55.5 58.4	
IVV 10000 9000	39.9 40.4	59.6 60.5	60.1 61.1	61.0 62.0	61.4 62.4	61.5 62.5	61.5 62.5	61.5 62.5	61.5 62.5	61.5 62.5	61.5 62.5	61.5 62.5	61.5 62.5	61.5 62.5	61.5 62.5	61.5 62.5	
IVV 8000 7000	41.4 42.0	62.9 65.1	63.7 66.1	64.8 67.2	65.3 67.8	65.5 68.1	65.5 68.2	65.5 68.2	65.5 68.2	65.5 68.2	65.5 68.2	65.5 68.2	65.5 68.2	65.5 68.2	65.5 68.2	65.5 68.2	
IVV 6000 5000	42.8 45.5	66.8 70.7	68.1 72.2	69.3 73.7	69.9 74.3	70.3 74.6	70.4 74.8	70.4 74.8	70.4 74.8	70.4 74.8	70.4 74.8	70.4 74.8	70.4 74.8	70.4 74.8	70.4 74.8	70.4 74.8	
IVV 4500 4000	46.5 47.9	72.0 74.2	73.7 76.0	75.2 77.9	75.9 78.6	76.2 78.9	76.4 79.1	76.4 79.2	76.4 79.2	76.4 79.2	76.4 79.2	76.4 79.2	76.4 79.2	76.5 79.3	76.5 79.3	76.5 79.3	76.5 79.3
IVV 3500 3000	48.6 49.2	75.3 77.1	77.2 79.0	79.1 80.9	79.8 81.9	80.2 82.2	80.4 82.4	80.5 82.5	80.5 82.5	80.5 82.5	80.5 82.5	80.5 82.5	80.5 82.5	80.6 82.6	80.6 82.6	80.6 82.6	80.6 82.6
IVV 2500 2000	49.5 49.9	78.0 78.7	80.0 80.7	81.9 82.7	82.9 83.8	83.3 84.2	83.5 84.5	83.6 84.6	83.6 84.6	83.6 84.6	83.6 84.6	83.6 84.6	83.6 84.6	83.7 84.7	83.7 84.8	83.7 84.8	83.7 84.8
IVV 1800 1500	49.9 50.2	78.8 79.7	80.9 81.8	82.9 83.9	84.0 85.2	84.5 85.6	84.8 85.9	84.9 86.1	84.9 86.1	84.9 86.1	85.0 86.2	85.0 86.2	85.0 86.2	85.1 86.2	85.1 86.2	85.1 86.2	85.1 86.2
IVV 1200 1000	50.4 50.6	80.8 81.2	83.1 83.7	85.4 86.1	86.9 87.8	87.4 88.3	87.8 88.8	87.9 89.0	87.9 89.0	87.9 89.0	88.0 89.1	88.0 89.1	88.1 89.2	88.1 89.2	88.1 89.2	88.1 89.2	88.1 89.2
IVV 900 800	50.6 50.7	81.6 81.9	84.1 84.6	86.6 87.3	88.2 89.3	88.8 90.0	89.3 90.5	89.5 90.8	89.6 90.9	89.6 91.0	89.7 91.1	89.7 91.1	89.7 91.1	89.7 91.2	89.8 91.2	89.8 91.2	89.8 91.2
IVV 700 600	50.7 50.7	82.1 82.1	84.9 84.9	87.6 87.8	89.7 90.2	90.4 90.9	91.2 91.9	91.6 92.6	91.8 92.9	91.9 93.1	92.0 93.3	92.0 93.3	92.0 93.4	92.0 93.4	92.0 93.4	92.0 93.4	92.0 93.4
IVV 500 400	50.7 50.7	82.3 82.4	85.4 85.4	88.5 88.6	91.1 91.5	92.0 92.5	93.2 94.0	94.1 95.3	94.4 95.9	94.9 96.8	95.1 97.2	95.1 97.2	95.2 97.3	95.2 97.3	95.2 97.3	95.2 97.3	95.2 97.3
IVV 300 200	50.7 50.7	82.4 82.4	85.5 85.5	88.6 88.6	91.6 91.6	92.7 92.8	94.5 94.6	96.1 96.3	96.8 97.1	98.1 98.4	98.6 99.1	98.6 99.1	98.7 99.2	98.8 99.5	98.8 99.5	98.8 99.5	98.8 99.5
IVV 100 0	50.7 50.7	82.4 82.4	85.5 85.5	88.6 88.6	91.6 91.6	92.8 92.8	94.6 94.6	96.3 96.3	97.1 97.1	98.4 98.4	99.1 99.1	99.1 99.1	99.3 99.3	99.5 99.5	99.7 99.7	99.9 100.0	99.9 100.0

TOTAL NUMBER OF OBSERVATIONS 2589

0
2
C

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 STATION ANDREWS AFB WASHINGTON D C

44-72 YEARS

APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET.	VISIBILITY, STATUTE MILES.															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .9	≥ .8	≥ .7	≥ .6	≥ .5	≥ 0
NO CEILING	31.1	41.8	42.0	42.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
IV 20000	37.6	50.4	50.6	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
IV 18000	37.8	51.0	51.2	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
IV 16000	38.1	51.7	51.9	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
IV 14000	38.9	52.8	53.1	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
IV 12000	40.1	54.8	55.2	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
IV 10000	41.5	57.3	57.9	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
IV 9000	41.8	58.3	58.8	59.1	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
IV 8000	43.1	60.3	61.0	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
IV 7000	44.0	63.0	63.8	64.1	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
IV 6000	45.2	65.0	66.0	66.4	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
IV 5000	49.7	70.9	72.1	72.5	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 4500	50.9	72.7	73.9	74.3	74.7	74.8	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 4000	52.9	75.8	77.2	77.6	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IV 3500	54.0	77.6	79.1	79.6	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
IV 3000	55.6	80.5	82.0	82.7	83.3	83.5	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 2500	56.2	81.8	83.6	84.2	85.0	85.1	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 2000	56.6	82.8	84.7	85.6	86.5	86.6	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 1800	56.6	83.0	84.9	85.9	86.8	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 1500	57.1	84.3	86.4	87.4	88.4	88.6	88.8	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 1200	57.1	84.9	87.2	88.3	89.5	89.8	90.2	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 1000	57.2	85.2	87.6	88.9	90.2	90.6	91.1	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV 900	57.3	85.5	87.9	89.3	90.7	91.1	91.8	92.1	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 800	57.3	85.5	88.0	89.6	91.4	91.9	92.7	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 700	57.4	85.7	88.3	90.0	91.9	92.5	93.5	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 600	57.4	85.8	88.5	90.2	92.3	93.0	94.2	95.0	95.1	95.3	95.4	95.4	95.4	95.4	95.4	95.4
IV 500	57.4	85.9	88.6	90.4	92.8	93.7	95.2	96.4	96.6	96.8	97.0	97.0	97.1	97.1	97.1	97.1
IV 400	57.4	86.0	88.7	90.6	93.0	94.0	95.8	97.2	97.5	98.1	98.5	98.5	98.5	98.5	98.5	98.5
IV 300	57.4	86.0	88.7	90.6	93.0	94.1	96.0	97.7	98.2	98.8	99.3	99.3	99.3	99.3	99.3	99.3
IV 200	57.4	86.0	88.7	90.6	93.0	94.2	96.0	97.8	98.3	99.2	99.7	99.7	99.8	99.8	99.8	99.8
IV 100	57.4	86.0	88.7	90.6	93.0	94.2	96.0	97.8	98.5	99.3	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	57.4	86.0	88.7	90.6	93.0	94.2	96.0	97.8	98.5	99.3	99.8	99.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

2594

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705

ANDREWS AFB WASHINGTON, D.C.

44-72

YEARS

APR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS T-1

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING ≥ 20000	30.3	40.4	40.7	40.9	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
IV 18000 16000	39.7	52.8	53.1	53.3	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
IV 14000 12000	40.1	53.2	53.7	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
IV 10000 9000	40.2	53.3	53.8	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IV 8000 7000	41.1	54.6	55.2	55.4	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
IV 6000 5000	42.7	57.2	57.8	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
IV 4500 4000	44.7	60.1	60.7	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
IV 3500 3000	45.3	61.2	61.9	62.1	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
IV 2500 2000	47.0	64.1	64.8	65.1	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 1800 1500	48.0	65.9	66.8	67.2	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
IV 1200 1000	49.2	68.2	69.1	69.6	69.9	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1
IV 900 800	53.7	74.5	75.6	76.1	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 700 600	55.0	76.3	77.4	78.0	78.3	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 500 400	56.4	79.2	80.4	81.0	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
IV 300 200	57.0	80.6	81.9	82.5	83.1	83.2	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 100 0	57.8	82.8	84.2	84.9	85.6	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV 0	58.0	83.5	85.0	85.9	86.6	86.8	86.9	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 0	58.3	84.2	85.8	86.9	87.7	88.0	88.1	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 0	58.3	84.4	86.0	87.3	88.1	88.4	88.6	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 0	58.4	84.8	86.6	88.2	89.3	89.6	89.9	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 0	58.7	85.6	87.4	89.3	90.4	90.7	91.1	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 0	58.9	85.8	87.7	89.7	90.9	91.2	91.6	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 0	58.9	85.9	87.8	89.8	91.1	91.4	91.9	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 0	59.0	86.1	88.0	90.1	91.6	92.0	92.6	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 0	59.0	86.2	88.2	90.6	92.2	92.7	93.6	94.4	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8
IV 0	59.1	86.4	88.5	91.0	92.7	93.3	94.4	95.8	96.1	96.5	96.6	96.6	96.6	96.7	96.7	96.7
IV 0	59.1	86.4	88.6	91.2	93.1	93.7	95.2	96.9	97.2	97.9	98.1	98.1	98.2	98.2	98.2	98.2
IV 0	59.1	86.4	88.6	91.2	93.3	94.1	95.8	97.7	98.2	99.2	99.4	99.4	99.5	99.5	99.5	99.5
IV 0	59.1	86.4	88.6	91.2	93.3	94.1	95.8	97.8	98.3	99.2	99.5	99.5	99.7	99.7	99.7	99.7
IV 0	59.1	86.4	88.6	91.2	93.3	94.1	95.8	97.8	98.3	99.3	99.7	99.7	99.9	99.9	99.9	100.0
IV 0	59.1	86.4	88.6	91.2	93.3	94.1	95.8	97.8	98.3	99.3	99.7	99.7	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

2590

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 STATION ANDREWS AFB WASHINGTON D C

44-72 YEARS

APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 HOURS LT

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥⅓	≥⅕	≥⅒	≥0
NO CEILING	31.4	43.9	44.3	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
IV 20000	39.5	55.4	56.2	56.5	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
IV 18000	39.9	56.0	56.8	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
IV 16000	40.0	56.3	57.1	57.4	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
IV 14000	40.4	57.2	58.0	58.4	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
IV 12000	42.5	60.4	61.3	61.6	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
IV 10000	44.1	63.2	64.1	64.5	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
IV 9000	44.9	64.4	65.4	65.7	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
IV 8000	46.7	67.6	68.8	69.1	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
IV 7000	47.7	69.8	71.0	71.5	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
IV 6000	49.1	72.0	73.3	73.9	74.1	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.4	74.4	74.4
IV 5000	51.5	76.7	78.1	78.9	79.1	79.2	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 4500	52.3	78.4	79.9	80.8	81.1	81.1	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.5	81.5	81.5
IV 4000	53.0	79.8	81.5	82.5	82.8	82.8	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 3500	53.2	81.0	82.8	83.7	84.3	84.5	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9
IV 3000	53.5	82.6	84.4	85.8	86.4	86.6	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.1
IV 2500	53.8	83.7	85.8	87.1	87.8	88.0	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 2000	54.0	84.5	86.7	88.2	89.0	89.2	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8
IV 1800	54.0	84.6	86.8	88.4	89.2	89.4	89.7	89.9	89.9	90.0	90.0	90.0	90.0	90.1	90.1	90.1
IV 1500	54.2	85.0	87.3	89.0	89.8	90.0	90.5	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8
IV 1200	54.2	85.5	87.9	89.6	90.7	90.9	91.4	91.6	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8
IV 1000	54.3	85.7	88.1	89.8	91.0	91.3	91.9	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 900	54.4	85.9	88.4	90.2	91.4	91.7	92.3	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 800	54.4	86.0	88.6	90.4	91.8	92.3	93.0	93.3	93.3	93.4	93.4	93.4	93.4	93.5	93.5	93.5
IV 700	54.4	86.0	88.6	90.5	91.9	92.3	93.1	93.5	93.5	93.6	93.7	93.7	93.7	93.7	93.7	93.7
IV 600	54.4	86.1	88.8	90.9	92.5	92.9	93.9	94.4	94.5	94.6	94.7	94.7	94.8	94.8	94.8	94.8
IV 500	54.4	86.3	88.9	91.1	92.7	93.1	94.3	95.1	95.2	95.4	95.6	95.6	95.6	95.7	95.7	95.7
IV 400	54.4	86.3	89.0	91.3	93.2	93.7	95.1	96.2	96.5	96.7	96.9	96.9	97.0	97.1	97.1	97.1
IV 300	54.4	86.4	89.0	91.4	93.3	93.9	95.5	96.9	97.3	97.6	98.0	98.0	98.2	98.2	98.2	98.3
IV 200	54.4	86.4	89.0	91.4	93.3	93.9	95.6	97.2	97.7	98.4	98.8	98.9	99.1	99.2	99.3	99.4
IV 100	54.4	86.4	89.0	91.4	93.3	93.9	95.6	97.2	97.8	98.5	99.0	99.0	99.3	99.4	99.5	99.7
IV 0	54.4	86.4	89.0	91.4	93.3	93.9	95.6	97.2	97.8	98.5	99.0	99.0	99.3	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS

2563

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 ANDREWS AFB WASHINGTON D.C. 44-72 APR 1954

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
MOON 1-5

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	34.6	50.0	50.7	50.9	51.0	51.0	51.2	51.2	51.2	51.4	51.4	51.4	51.4	51.4	51.4	51.4
IV 20000	39.8	57.8	58.7	59.0	59.2	59.2	59.3	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6
IV 18000	39.8	58.2	59.1	59.4	59.6	59.6	59.7	59.7	59.8	59.9	59.9	59.9	59.9	60.0	60.0	60.0
IV 16000	40.0	58.5	59.4	59.7	59.9	59.9	60.0	60.1	60.1	60.2	60.2	60.2	60.2	60.3	60.3	60.3
IV 14000	40.5	59.3	60.2	60.5	60.7	60.7	60.8	60.8	60.9	61.0	61.0	61.0	61.0	61.1	61.1	61.1
IV 12000	42.4	62.4	63.3	63.6	63.8	63.8	63.9	64.0	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2
IV 10000	44.8	65.8	66.7	67.1	67.2	67.2	67.4	67.4	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.7
IV 9000	45.9	67.4	68.3	68.6	68.8	68.8	68.9	69.0	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.3
IV 8000	47.7	70.5	71.6	71.9	72.1	72.2	72.3	72.3	72.4	72.5	72.5	72.5	72.5	72.6	72.6	72.6
IV 7000	49.0	73.2	74.3	74.6	74.9	74.9	75.1	75.1	75.1	75.3	75.3	75.3	75.3	75.4	75.4	75.4
IV 6000	50.0	75.1	76.3	76.6	77.0	77.0	77.1	77.2	77.2	77.4	77.4	77.4	77.4	77.5	77.5	77.5
IV 5000	51.4	78.4	79.8	80.2	80.6	80.6	80.7	80.8	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1
IV 4500	51.8	80.1	81.5	82.0	82.4	82.4	82.6	82.6	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 4000	52.2	81.3	82.8	83.4	83.8	83.8	84.0	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.4
IV 3500	52.6	82.0	83.6	84.2	84.6	84.6	84.8	84.9	84.9	85.1	85.1	85.1	85.2	85.2	85.2	85.2
IV 3000	53.0	83.0	84.7	85.5	86.0	86.1	86.3	86.4	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 2500	53.2	83.9	85.7	86.5	87.1	87.2	87.4	87.5	87.5	87.7	87.7	87.7	87.7	87.8	87.8	87.8
IV 2000	53.5	85.0	86.9	87.7	88.4	88.4	88.7	88.7	88.8	89.0	89.0	89.0	89.0	89.1	89.1	89.1
IV 1800	53.6	85.2	87.0	87.9	88.6	88.7	88.9	89.0	89.0	89.2	89.2	89.2	89.2	89.3	89.3	89.3
IV 1500	53.7	85.6	87.6	88.6	89.2	89.4	89.7	89.8	89.8	90.0	90.0	90.0	90.0	90.1	90.1	90.1
IV 1200	53.7	86.0	88.1	89.2	89.9	90.0	90.3	90.4	90.4	90.7	90.8	90.8	90.8	90.8	90.8	90.8
IV 1000	53.8	86.3	88.4	89.5	90.3	90.4	90.7	90.8	90.8	91.1	91.1	91.1	91.1	91.2	91.2	91.2
IV 900	53.9	86.5	88.6	89.8	90.5	90.6	91.0	91.0	91.1	91.3	91.4	91.4	91.4	91.4	91.4	91.5
IV 800	53.9	86.5	88.6	89.9	90.7	90.9	91.2	91.3	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.7
IV 700	53.9	86.5	88.8	90.1	91.0	91.2	91.5	91.7	91.7	92.0	92.0	92.1	92.1	92.1	92.1	92.2
IV 600	53.9	86.6	89.0	90.4	91.5	91.8	92.3	92.4	92.5	92.8	92.8	92.8	92.8	92.9	92.9	93.0
IV 500	53.9	86.7	89.1	90.5	91.7	92.2	92.8	93.1	93.2	93.6	93.6	93.6	93.6	93.7	93.7	93.7
IV 400	53.9	86.9	89.4	90.9	92.3	92.8	93.7	94.6	94.9	95.4	95.5	95.5	95.5	95.6	95.6	95.6
IV 300	53.9	87.0	89.6	91.3	92.7	93.2	94.4	95.7	96.0	96.6	96.6	96.6	96.6	96.7	96.8	96.9
IV 200	53.9	87.0	89.7	91.4	93.0	93.5	94.8	96.4	96.8	97.6	97.8	97.8	97.8	98.1	98.1	98.2
IV 100	53.9	87.0	89.7	91.4	93.0	93.5	94.8	96.5	96.9	97.8	98.1	98.2	98.2	98.5	98.7	98.8
IV 0	53.9	87.0	89.7	91.4	93.0	93.5	94.8	96.5	96.9	97.8	98.1	98.2	98.2	98.5	98.8	99.0

TOTAL NUMBER OF OBSERVATIONS 2586

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 ANDREWS AFB WASHINGTON D C

44-72

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS, LST

CEILING FEET	VISIBILITY - STATUTE MILES																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 0	
NO CEILING	28.9	48.0	49.2	49.6	50.0	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.3	50.4
≥ 20000	32.6	55.4	56.8	57.3	57.7	57.7	57.9	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.2
IV 18000	32.6	55.5	56.9	57.5	57.9	57.9	58.0	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.3
IV 16000	32.7	55.7	57.2	57.7	58.1	58.2	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.6
IV 14000	33.3	56.7	58.2	58.7	59.1	59.2	59.3	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.6
IV 12000	34.9	59.7	61.4	62.0	62.4	62.5	62.7	62.7	62.7	62.7	62.7	62.8	62.8	62.8	62.8	62.8	63.0
IV 10000	36.8	62.8	64.6	65.2	65.7	65.8	65.9	65.9	65.9	65.9	65.9	66.1	66.1	66.1	66.1	66.1	66.3
IV 9000	37.6	64.2	65.9	66.5	67.1	67.1	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.5	67.7
IV 8000	38.9	67.4	69.3	70.2	70.9	70.9	71.2	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.5
IV 7000	40.1	70.1	72.1	73.3	74.1	74.2	74.4	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.8
IV 6000	40.4	71.1	73.3	74.6	75.4	75.4	75.7	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.1
IV 5000	41.1	73.5	76.0	77.3	78.2	78.2	78.5	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.8	78.9
IV 4500	41.3	74.1	76.8	78.1	78.9	79.0	79.4	79.5	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.9
IV 4000	41.4	75.0	77.8	79.1	80.0	80.0	80.4	80.5	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.9
IV 3500	41.7	75.6	78.4	79.7	80.6	80.7	81.1	81.2	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.6
IV 3000	41.9	76.3	79.1	80.5	81.5	81.6	82.0	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.5
IV 2500	42.1	77.1	80.0	81.6	82.6	82.6	83.1	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.5	83.6
IV 2000	42.4	77.9	81.0	82.6	83.7	83.8	84.4	84.5	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.9
IV 1800	42.4	78.2	81.3	82.9	84.1	84.2	84.8	84.9	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.4
IV 1500	42.4	78.8	82.0	83.7	84.9	85.0	85.7	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.3
IV 1200	42.5	79.3	82.5	84.4	85.7	85.8	86.6	86.8	86.8	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.3
IV 1000	42.7	80.0	83.3	85.3	86.8	86.9	87.8	88.0	88.1	88.3	88.3	88.3	88.4	88.4	88.4	88.5	88.6
IV 900	42.8	80.3	83.6	85.6	87.1	87.2	88.2	88.5	88.5	88.7	88.7	88.7	88.8	88.8	88.8	88.9	89.0
IV 800	42.8	80.4	83.9	86.0	87.6	87.8	88.9	89.2	89.3	89.5	89.6	89.6	89.6	89.6	89.6	89.7	89.9
IV 700	42.9	81.0	84.6	86.8	88.8	89.1	90.5	90.9	90.9	91.3	91.4	91.4	91.4	91.4	91.4	91.5	91.7
IV 600	42.9	81.3	85.1	87.4	89.6	90.0	91.6	92.1	92.3	92.7	92.9	92.9	92.9	92.9	92.9	93.1	93.3
IV 500	42.9	81.4	85.1	87.6	90.0	90.5	92.5	93.3	93.4	94.2	94.4	94.4	94.5	94.5	94.5	94.7	94.9
IV 400	42.9	81.5	85.3	87.9	90.5	91.1	93.5	94.9	95.2	96.2	96.5	96.5	96.6	96.6	96.6	96.8	97.0
IV 300	42.9	81.6	85.4	88.0	90.8	91.4	93.9	95.6	95.9	96.9	97.3	97.3	97.5	97.5	97.6	97.9	98.2
IV 200	42.9	81.6	85.4	88.0	90.8	91.4	94.0	95.7	96.1	97.2	97.7	97.7	98.0	98.2	98.2	98.6	99.3
IV 100	42.9	81.6	85.4	88.0	90.8	91.4	94.0	95.7	96.1	97.2	97.7	97.7	98.0	98.2	98.2	98.6	99.3
IV 0	42.9	81.6	85.4	88.0	90.8	91.4	94.0	95.7	96.1	97.3	97.7	97.8	98.1	98.3	98.3	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS

2684

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705

ANDREWS AFB WASHINGTON D.C.

44-72

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.75	≥.7	≥.6	≥.5
NO CEILING	22.0	41.2	42.8	43.8	44.6	44.8	45.1	45.4	45.4	45.6	45.6	45.6	45.6	45.7	45.8	46.0
IV 20000	24.6	47.9	50.1	51.3	52.3	52.5	53.0	53.3	53.4	53.6	53.7	53.7	53.8	53.8	54.0	54.2
IV 18000	24.7	48.1	50.2	51.5	52.5	52.7	53.1	53.5	53.6	53.8	53.9	53.9	54.0	54.0	54.2	54.4
IV 16000	24.9	48.4	50.5	51.8	52.8	53.0	53.4	53.8	53.8	54.1	54.2	54.2	54.3	54.3	54.5	54.7
IV 14000	25.7	49.6	51.7	53.0	54.0	54.2	54.6	55.0	55.1	55.4	55.5	55.5	55.6	55.6	55.8	56.0
IV 12000	27.3	52.7	54.9	56.2	57.2	57.4	58.0	58.4	58.5	58.8	58.8	58.8	59.0	59.0	59.2	59.4
IV 10000	28.3	55.3	57.7	59.2	60.3	60.5	61.1	61.5	61.6	61.9	62.0	62.0	62.1	62.2	62.3	62.5
IV 9000	28.9	56.4	58.9	60.4	61.5	61.7	62.3	62.7	62.8	63.1	63.2	63.2	63.3	63.3	63.5	63.7
IV 8000	30.6	59.9	62.6	64.2	65.5	65.8	66.5	66.9	67.0	67.4	67.4	67.4	67.5	67.6	67.8	68.0
IV 7000	31.3	61.9	64.8	66.4	67.8	68.1	68.8	69.3	69.4	69.7	69.7	69.8	69.9	69.9	70.1	70.3
IV 6000	32.0	63.7	66.7	68.5	70.0	70.4	71.2	71.6	71.7	72.0	72.1	72.2	72.3	72.3	72.5	72.7
IV 5000	32.7	65.8	69.0	70.9	72.4	72.8	73.6	74.1	74.2	74.5	74.6	74.6	74.7	74.8	75.0	75.2
IV 4500	32.9	66.6	69.7	71.7	73.3	73.6	74.5	74.9	75.0	75.4	75.4	75.5	75.6	75.6	75.8	76.0
IV 4000	33.2	67.7	71.0	73.0	74.6	75.0	75.9	76.4	76.5	76.8	76.9	77.0	77.1	77.1	77.3	77.5
IV 3500	33.3	68.1	71.4	73.5	75.0	75.4	76.4	76.8	77.0	77.3	77.4	77.4	77.5	77.5	77.8	78.0
IV 3000	33.6	68.6	72.1	74.2	75.8	76.2	77.2	77.8	77.9	78.2	78.2	78.3	78.3	78.4	78.5	78.7
IV 2500	33.7	69.4	72.9	75.2	76.9	77.4	78.4	79.0	79.1	79.4	79.5	79.5	79.6	79.7	79.9	80.1
IV 2000	33.8	70.1	73.6	75.9	77.8	78.3	79.5	80.0	80.1	80.5	80.6	80.6	80.7	80.8	81.0	81.2
IV 1800	33.9	70.2	73.8	76.2	78.1	78.6	79.7	80.3	80.4	80.7	80.9	80.9	81.0	81.0	81.3	81.5
IV 1500	34.0	70.8	74.4	76.9	78.8	79.3	80.6	81.1	81.2	81.7	81.8	81.8	81.9	82.0	82.2	82.4
IV 1200	34.0	71.3	75.1	77.7	79.9	80.4	81.6	82.2	82.3	82.8	82.9	82.9	83.0	83.0	83.3	83.5
IV 1000	34.1	71.8	75.9	78.6	80.8	81.3	82.8	83.3	83.4	83.9	84.1	84.1	84.2	84.3	84.6	84.8
IV 900	34.2	72.1	76.2	79.0	81.3	81.9	83.3	83.9	84.0	84.5	84.6	84.6	84.8	84.8	85.1	85.3
IV 800	34.3	72.4	76.7	79.5	82.0	82.6	84.2	84.8	85.0	85.6	85.7	85.8	85.9	85.9	86.2	86.4
IV 700	34.3	72.6	77.0	79.9	82.6	83.3	84.9	85.6	85.8	86.4	86.5	86.6	86.8	86.8	87.1	87.3
IV 600	34.6	73.0	77.4	80.4	83.4	84.1	86.0	86.8	87.1	87.7	87.8	87.9	88.1	88.2	88.5	88.7
IV 500	34.6	73.2	77.9	81.1	84.4	85.4	87.5	88.5	88.7	89.4	89.6	89.7	90.0	90.0	90.4	90.6
IV 400	34.6	73.3	78.1	81.5	85.2	86.2	88.5	89.9	90.1	91.2	91.7	91.7	92.3	92.4	92.8	93.2
IV 300	34.6	73.4	78.1	81.6	85.5	86.6	89.3	91.0	91.3	92.7	93.2	93.3	94.0	94.1	94.6	95.2
IV 200	34.6	73.4	78.1	81.7	85.6	86.8	89.8	92.0	92.3	93.8	94.5	94.6	95.5	95.7	96.2	97.0
IV 100	34.6	73.4	78.1	81.7	85.6	86.9	89.9	92.1	92.5	94.0	94.8	95.0	96.0	96.3	97.2	98.4
IV 0	34.6	73.4	78.1	81.7	85.6	86.9	89.9	92.1	92.5	94.0	94.8	95.0	96.1	96.4	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS

2690

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 ANDREWS AFB WASHINGTON D C

44-72

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0	≥0	
NO CEILING ≥ 20000	23.3	38.7	40.4	41.9	43.0	43.3	43.6	43.8	43.8	43.9	43.9	43.9	43.9	43.9	43.9	44.0	44.0
IV 18000 16000	27.7	46.7	49.0	50.7	52.2	52.6	53.1	53.4	53.4	53.5	53.6	53.6	53.6	53.6	53.6	53.7	53.7
IV 14000 12000	27.9	47.0	49.3	51.1	52.5	53.0	53.5	53.8	53.8	53.9	54.0	54.0	54.0	54.0	54.0	54.1	54.1
IV 10000 9000	28.1	47.3	49.6	51.4	52.9	53.4	53.8	54.1	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.4	54.4
IV 8000 7000	28.8	48.7	51.0	52.9	54.4	55.0	55.5	55.8	55.8	55.9	56.0	56.0	56.0	56.0	56.0	56.1	56.1
IV 6000 5000	30.2	52.5	55.1	57.2	58.7	59.2	59.8	60.1	60.2	60.3	60.4	60.4	60.4	60.4	60.5	60.5	60.5
IV 4500 4000	31.6	55.3	58.2	60.3	62.0	62.5	63.2	63.6	63.7	63.8	63.9	63.9	63.9	63.9	64.0	64.0	64.0
IV 3500 3000	31.9	56.0	59.0	61.2	62.9	63.5	64.1	64.6	64.7	64.8	64.9	64.9	64.9	64.9	65.0	65.0	65.0
IV 2500 2000	33.2	58.4	61.6	64.0	65.7	66.4	67.2	67.6	67.7	67.8	67.9	67.9	67.9	67.9	68.0	68.0	68.0
IV 1800 1500	33.5	60.0	63.6	66.1	67.9	68.7	69.5	69.9	70.0	70.1	70.2	70.2	70.2	70.2	70.3	70.3	70.3
IV 1200 1000	34.2	61.3	65.0	67.7	69.8	70.5	71.5	72.1	72.2	72.3	72.4	72.4	72.4	72.4	72.5	72.5	72.5
IV 900 800	34.9	62.9	66.9	69.9	72.3	73.1	74.2	74.8	74.9	75.0	75.1	75.1	75.1	75.1	75.2	75.2	75.2
IV 700 600	34.9	63.4	67.3	70.4	72.8	73.6	74.7	75.4	75.5	75.6	75.7	75.7	75.7	75.7	75.8	75.8	75.8
IV 500 400	35.3	64.4	68.5	71.8	74.2	75.1	76.3	77.0	77.1	77.2	77.3	77.3	77.3	77.3	77.4	77.4	77.4
IV 300 200	35.5	64.9	69.1	72.5	75.0	75.9	77.1	77.8	77.9	78.0	78.1	78.1	78.1	78.1	78.2	78.2	78.2
IV 100 0	35.7	65.3	69.6	73.0	75.6	76.4	77.6	78.3	78.4	78.5	78.6	78.6	78.6	78.6	78.7	78.7	78.7
IV 0	35.8	65.7	70.3	74.0	76.6	77.5	78.7	79.4	79.6	79.7	79.8	79.8	79.8	79.8	79.9	79.9	79.9
IV 0	35.9	66.3	71.0	74.7	77.4	78.3	79.6	80.3	80.4	80.6	80.7	80.7	80.7	80.7	80.9	80.9	80.9
IV 0	36.0	66.9	71.6	75.4	78.3	79.3	80.6	81.3	81.5	81.6	81.8	81.8	81.8	81.8	81.9	81.9	81.9
IV 0	36.2	67.5	72.3	76.3	79.4	80.4	81.8	82.6	82.7	82.9	83.1	83.1	83.1	83.1	83.2	83.2	83.2
IV 0	36.3	68.1	72.9	77.1	80.3	81.3	82.9	83.7	83.8	84.1	84.3	84.3	84.3	84.3	84.4	84.4	84.4
IV 0	36.3	68.4	73.2	77.5	80.9	82.2	83.6	84.3	84.6	85.0	85.1	85.1	85.1	85.1	85.3	85.3	85.3
IV 0	36.3	68.5	73.4	77.9	81.4	82.7	84.3	85.2	85.4	85.9	86.0	86.0	86.0	86.0	86.2	86.2	86.2
IV 0	36.3	68.8	74.0	78.8	82.5	84.0	85.6	86.8	86.9	87.4	87.6	87.6	87.6	87.7	87.8	87.8	87.8
IV 0	36.6	69.1	74.4	79.3	83.2	84.7	86.6	87.9	88.2	88.8	89.1	89.1	89.2	89.2	89.3	89.4	89.4
IV 0	36.6	69.3	74.8	79.9	84.0	85.6	88.1	89.6	90.1	91.2	91.5	91.5	91.6	91.6	91.9	91.9	91.9
IV 0	36.6	69.5	74.9	80.2	84.6	86.5	89.4	91.3	91.9	93.2	93.6	93.6	93.9	94.0	94.3	94.6	94.6
IV 0	36.6	69.6	75.1	80.5	85.0	86.9	90.1	92.6	93.4	94.8	95.5	95.5	95.9	96.0	96.5	96.8	96.8
IV 0	36.6	69.6	75.1	80.5	85.0	87.0	90.3	92.7	93.7	95.2	96.0	96.0	96.8	97.0	97.5	98.1	98.1
IV 0	36.6	69.6	75.1	80.5	85.0	87.0	90.3	92.7	93.8	95.4	96.3	96.3	97.1	97.4	98.1	99.1	99.1
IV 0	36.6	69.6	75.1	80.5	85.0	87.0	90.3	92.7	93.8	95.4	96.3	96.3	97.1	97.4	98.2	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2680

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 STATION ANDREWS AFB WASHINGTON D C 44-72 YEARS MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	28.3	43.9	45.1	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
≥ 20000	34.9	53.7	55.0	55.4	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
IV 18000	35.1	53.9	55.2	55.6	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
IV 16000	35.3	54.2	55.5	55.9	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
IV 14000	36.0	55.6	57.0	57.4	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
IV 12000	37.1	57.9	59.5	60.1	60.4	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
IV 10000	38.1	60.7	62.4	62.9	63.3	63.4	63.5	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6
IV 9000	38.4	61.5	63.2	63.9	64.2	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
IV 8000	39.1	63.3	65.3	66.2	66.5	67.0	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
IV 7000	39.8	64.5	66.9	67.9	68.5	68.7	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0
IV 6000	40.5	66.0	68.8	69.9	70.5	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 5000	41.3	67.7	70.7	71.9	72.7	73.0	73.1	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3
IV 4500	42.1	68.6	71.7	73.0	73.8	74.2	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IV 4000	43.3	70.7	73.8	75.1	76.0	76.3	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 3500	43.9	71.6	74.8	76.0	77.0	77.3	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 3000	44.7	73.4	76.8	78.3	79.4	79.8	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IV 2500	45.5	75.1	78.8	80.5	81.8	82.2	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 2000	46.1	76.6	80.4	82.2	83.6	84.0	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 1800	46.9	77.0	80.7	82.6	84.1	84.5	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
IV 1500	46.9	78.3	82.3	84.4	86.1	86.5	86.9	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 1200	47.0	79.5	83.7	86.2	88.1	88.6	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 1000	47.1	80.2	84.6	87.2	89.3	89.9	90.4	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 900	47.1	80.3	84.9	87.6	89.9	90.6	91.1	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 800	47.2	80.4	85.0	87.8	90.2	91.1	91.7	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 700	47.2	80.7	85.6	88.7	91.3	92.3	93.0	93.4	93.4	93.6	93.7	93.7	93.7	93.7	93.7	93.7
IV 600	47.2	81.0	86.0	89.2	92.1	93.3	94.5	95.0	95.0	95.3	95.4	95.4	95.4	95.4	95.4	95.4
IV 500	47.2	81.1	86.2	89.8	93.2	94.5	96.0	96.7	96.7	97.1	97.3	97.3	97.3	97.3	97.3	97.3
IV 400	47.2	81.2	86.3	90.0	93.6	95.0	96.7	97.5	97.6	98.0	98.2	98.2	98.4	98.4	98.4	98.4
IV 300	47.2	81.2	86.3	90.1	93.7	95.1	96.9	98.0	98.2	99.0	99.2	99.2	99.4	99.4	99.4	99.4
IV 200	47.2	81.2	86.3	90.1	93.7	95.1	96.9	98.0	98.3	99.1	99.4	99.5	99.7	99.7	99.8	99.8
IV 100	47.2	81.2	86.3	90.1	93.7	95.1	96.9	98.0	98.3	99.1	99.4	99.5	99.7	99.8	99.9	100.0
IV 0	47.2	81.2	86.3	90.1	93.7	95.1	96.9	98.0	98.3	99.1	99.4	99.5	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

2674

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705

ANDREWS AFB WASHINGTON D C

44-72

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING Feet	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	26.8	41.4	41.9	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 20000	36.8	52.4	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
IV 18000	36.9	52.5	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
IV 16000	36.9	52.8	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
IV 14000	37.8	54.2	55.0	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
IV 12000	39.0	56.4	57.3	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 10000	40.3	59.4	60.3	60.8	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 9000	40.8	60.2	61.3	61.6	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
IV 8000	41.3	61.7	62.9	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 7000	42.2	63.4	64.6	64.9	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IV 6000	43.3	65.4	66.9	67.4	67.5	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
IV 5000	45.2	68.5	70.4	71.0	71.2	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
IV 4500	46.2	69.9	71.9	72.5	72.8	73.0	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 4000	49.0	74.2	76.4	77.2	77.5	77.8	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IV 3500	50.5	76.4	78.8	79.6	80.0	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
IV 3000	52.2	79.3	82.0	82.9	83.3	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IV 2500	53.9	81.7	84.5	85.5	86.1	86.5	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 2000	54.0	83.6	86.6	87.9	88.6	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 1800	54.1	83.9	86.9	88.3	89.1	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 1500	54.3	84.9	88.1	89.7	90.5	91.0	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 1200	54.5	85.8	89.2	91.1	92.2	92.8	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 1000	54.7	86.3	90.0	92.0	93.4	93.9	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 900	54.7	86.3	90.0	92.2	93.6	94.3	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 800	54.7	86.5	90.2	92.5	94.1	94.7	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 700	54.7	86.6	90.4	92.8	94.4	95.2	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 600	54.7	86.8	90.7	93.2	95.1	96.1	97.0	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 500	54.7	86.9	90.8	93.5	95.5	96.6	97.8	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 400	54.7	86.9	90.9	93.6	95.7	96.8	98.1	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 300	54.7	87.0	90.9	93.7	95.9	97.1	98.5	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.6
IV 200	54.7	87.0	90.9	93.7	95.9	97.1	98.5	99.2	99.4	99.7	99.8	99.8	99.8	99.9	99.9	100.0
IV 100	54.7	87.0	90.9	93.7	95.9	97.1	98.5	99.2	99.4	99.7	99.8	99.8	99.8	99.9	99.9	100.0
IV 0	54.7	87.0	90.9	93.7	95.9	97.1	98.5	99.2	99.4	99.7	99.8	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

2677

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

13705 STATION ANDREWS AFB WASHINGTON D C 44-72 YEARS DAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .5	≥ .3	≥ .16	≥ .1	≥ 0	
NO CEILING	31.2	42.9	43.5	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	
IV 20000	39.5	54.9	55.6	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	
IV 18000	39.0	55.2	55.9	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	
IV 16000	39.9	55.6	56.4	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	
IV 14000	40.8	57.1	57.9	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	
IV 12000	42.4	59.9	60.8	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	
IV 10000	44.6	64.1	65.1	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	
IV 9000	44.8	64.8	65.8	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	
IV 8000	46.1	67.1	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	
IV 7000	47.2	69.1	70.3	70.8	70.9	70.9	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	
IV 5000	48.0	70.5	71.9	72.4	72.6	72.6	72.6	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	
IV 5000	50.0	74.4	75.1	75.9	77.0	77.1	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	
IV 4500	50.8	76.0	77.8	78.7	79.0	79.1	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	
IV 4000	52.3	78.6	80.8	81.7	82.1	82.2	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	
IV 3500	53.1	79.7	81.9	82.9	83.3	83.4	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	
IV 3000	54.1	82.2	84.7	85.7	86.3	86.6	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	
IV 2500	54.9	83.7	86.3	87.4	88.2	88.5	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	
IV 2000	55.3	85.0	87.7	89.0	90.0	90.3	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	
IV 1800	55.3	85.1	87.8	89.3	90.3	90.6	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	
IV 1500	55.4	85.9	88.9	90.5	91.6	92.0	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	
IV 1200	55.5	86.4	89.9	91.7	93.0	93.4	94.1	94.2	94.3	94.3	94.4	94.4	94.4	94.5	94.5	
IV 1000	55.5	86.7	90.2	92.1	93.5	93.9	94.8	94.9	95.0	95.1	95.2	95.2	95.2	95.3	95.3	
IV 900	55.5	86.7	90.3	92.3	93.7	94.3	95.2	95.3	95.4	95.6	95.7	95.7	95.7	95.7	95.7	
IV 800	55.5	86.9	90.4	92.5	94.0	94.6	95.6	95.8	95.9	96.1	96.2	96.2	96.2	96.2	96.2	
IV 700	55.5	87.0	90.7	92.9	94.5	95.1	96.2	96.4	96.5	96.7	96.8	96.8	96.8	96.9	96.9	
IV 600	55.5	87.2	91.0	93.3	95.1	95.8	97.1	97.4	97.5	97.7	98.0	98.0	98.0	98.0	98.0	
IV 500	55.5	87.3	91.0	93.5	95.3	96.0	97.5	98.0	98.2	98.5	98.7	98.7	98.8	98.8	98.9	
IV 400	55.5	87.3	91.1	93.7	95.5	96.2	97.8	98.4	98.5	98.8	99.1	99.1	99.2	99.2	99.3	
IV 300	55.5	87.3	91.1	93.7	95.5	96.2	98.0	98.6	98.8	99.2	99.5	99.5	99.6	99.6	99.7	
IV 200	55.5	87.3	91.1	93.7	95.5	96.2	98.0	98.7	99.0	99.3	99.6	99.6	99.7	99.7	99.9	
IV 100	55.5	87.3	91.1	93.7	95.5	96.2	98.0	98.7	99.0	99.4	99.7	99.7	99.8	99.9	100.0	
IV 0	55.5	87.3	91.1	93.7	95.5	96.2	98.0	98.7	99.0	99.4	99.7	99.7	99.8	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS 2686

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 ANDREWS AFB WASHINGTON, D.C. 44-72 MAY 1964

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.7	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥0
NO CEILING ≥ 20000	30.0	43.8	45.0	45.2	45.6	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
IV ≥ 18000	37.9	56.0	57.4	57.8	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
IV 16000	38.1	56.2	57.7	58.0	58.5	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
IV 14000	38.1	56.4	57.8	58.2	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
IV 12000	38.9	58.1	59.5	59.9	60.4	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
IV 10000	41.1	61.8	63.3	63.8	64.4	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
IV 9000	43.2	66.1	67.8	68.5	69.1	69.1	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IV 8000	43.6	66.8	68.4	69.2	69.8	69.8	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
IV 7000	44.5	69.4	71.4	72.2	72.9	72.9	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.3
IV 6000	45.7	71.5	74.1	75.0	76.0	76.0	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.4
IV 5000	46.6	73.3	75.8	76.8	77.9	77.9	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3
IV 4500	47.9	76.5	79.5	80.7	81.9	81.9	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 4000	48.1	77.1	80.2	81.3	82.8	82.8	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 3500	48.9	78.8	81.9	83.2	84.9	84.9	85.1	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 3000	49.3	80.1	83.3	84.7	86.5	86.5	86.7	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.1
IV 2500	49.7	81.1	84.4	85.9	87.8	87.8	88.2	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.6
IV 2000	50.0	81.8	85.2	86.7	88.6	88.6	89.1	89.3	89.4	89.4	89.4	89.4	89.4	89.5	89.5	89.5
IV 1800	50.2	82.6	86.0	87.6	89.8	89.8	90.0	90.5	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 1500	50.2	82.8	86.2	87.8	90.0	90.0	90.2	90.6	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0
IV 1200	50.3	83.5	87.1	88.9	91.1	91.1	91.4	91.9	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4
IV 1000	50.3	83.9	87.6	89.5	91.9	91.9	92.2	93.0	93.3	93.6	93.6	93.6	93.6	93.6	93.7	93.7
IV 900	50.3	84.2	88.0	90.0	92.5	92.5	92.8	93.7	94.3	94.4	94.4	94.4	94.4	94.4	94.5	94.5
IV 800	50.3	84.3	88.2	90.2	92.7	92.7	93.0	94.0	94.6	94.7	94.7	94.8	94.8	94.8	94.8	94.9
IV 700	50.3	84.5	88.4	90.5	93.1	93.1	93.4	94.4	95.1	95.2	95.3	95.3	95.3	95.4	95.4	95.5
IV 600	50.3	84.7	88.7	90.8	93.6	93.6	94.0	95.0	95.9	96.0	96.1	96.2	96.2	96.2	96.2	96.3
IV 500	50.3	84.9	88.9	91.1	94.0	94.0	94.4	95.6	96.4	96.6	96.7	96.8	96.8	96.8	96.9	96.9
IV 400	50.3	84.9	89.0	91.2	94.3	94.3	94.8	96.2	97.3	97.5	97.7	97.9	97.9	98.0	98.0	98.1
IV 300	50.3	84.9	89.1	91.4	94.5	94.5	95.1	96.6	97.9	98.2	98.4	98.5	98.5	98.6	98.6	98.8
IV 200	50.3	85.0	89.1	91.5	94.6	94.6	95.2	96.7	98.2	98.5	98.8	99.0	99.0	99.1	99.2	99.3
IV 100	50.3	85.0	89.2	91.5	94.6	94.6	95.2	96.8	98.3	98.6	98.9	99.2	99.2	99.3	99.4	99.6
IV 0	50.3	85.0	89.2	91.5	94.6	94.6	95.2	96.8	98.4	98.6	98.9	99.3	99.3	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2663

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 STATION ANDREWS AFB TEXAS TEN. D.C. 44-72 STATION DAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS LST

NO. HOURS ≥ 2000'	CEILING FEET	VISIBILITY - STATUTE MILES															
		≥ 10	≥ 9	≥ 8	≥ 7	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	
NO. HOURS ≥ 2000'		31.3	48.9	49.7	50.1	50.3	50.3	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.7
≥ 1900.0		36.3	57.3	53.6	59.3	59.4	59.3	59.0	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 1800.0		36.6	57.9	54.0	54.0	59.0	57.8	60.1	60.9	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.4
≥ 1700.0		37.5	58.0	54.2	59.8	60.0	60.0	60.2	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 1600.0		37.9	59.0	60.2	60.8	61.0	61.0	61.2	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 1500.0		38.2	62.3	63.4	64.1	64.5	64.5	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.0
≥ 1400.0		41.1	66.1	68.1	68.9	69.3	69.3	69.5	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 1300.0		42.1	68.4	69.7	70.0	70.9	70.2	71.1	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.5
≥ 1200.0		43.5	71.5	72.5	73.3	73.7	73.7	74.0	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.4
≥ 1100.0		44.5	73.5	75.0	75.9	76.4	76.4	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.0
≥ 1000.0		45.3	75.3	77.1	77.9	78.4	78.4	78.7	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.1
≥ 900.0		46.0	78.0	80.1	81.2	81.6	81.6	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.3
≥ 800.0		46.4	78.9	81.1	82.1	82.5	82.5	82.9	83.3	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.6
≥ 700.0		46.7	80.1	81.4	82.5	84.1	84.3	84.6	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.0
≥ 600.0		46.8	80.6	83.0	84.3	84.9	85.0	85.5	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 500.0		47.0	81.1	83.4	84.9	85.0	85.5	86.4	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.9
≥ 400.0		47.1	82.0	84.6	85.9	86.8	87.0	87.5	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	88.0
≥ 300.0		47.2	82.7	85.4	86.8	87.7	87.9	88.6	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.0
≥ 200.0		47.3	82.9	85.6	87.0	88.0	88.2	88.9	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.3
≥ 100.0		47.4	83.4	86.2	87.8	88.8	89.0	89.8	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.3
≥ 100.0		47.6	83.9	86.9	88.7	89.8	90.1	91.0	91.3	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.6
≥ 100.0		47.7	84.3	87.4	89.1	90.6	90.9	91.9	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.5
≥ 100.0		47.7	84.4	87.5	89.2	90.7	91.0	92.1	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.7
≥ 100.0		47.7	84.5	87.7	89.5	91.1	91.3	92.6	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.4
≥ 100.0		47.7	84.6	87.9	89.7	91.3	91.8	93.2	93.7	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.1
≥ 100.0		47.8	84.8	88.3	90.1	91.8	92.4	93.8	94.4	94.5	94.7	94.7	94.7	94.8	94.8	94.8	94.9
≥ 100.0		47.9	84.9	88.5	90.3	92.2	92.8	94.5	95.2	95.4	95.7	95.8	95.8	95.9	95.9	96.0	96.1
≥ 100.0		47.9	85.0	88.6	90.5	92.5	93.2	95.1	96.2	96.5	96.8	97.0	97.0	97.1	97.1	97.2	97.2
≥ 100.0		47.9	85.2	88.9	90.8	92.8	93.6	95.5	97.0	97.4	97.9	98.1	98.1	98.2	98.2	98.3	98.4
≥ 100.0		47.9	85.2	88.9	90.9	93.0	93.8	95.8	97.5	97.9	98.6	98.9	99.0	99.0	99.1	99.3	99.4
≥ 100.0		47.9	85.2	88.9	90.9	93.0	93.8	95.8	97.7	98.1	98.8	99.1	99.2	99.3	99.3	99.5	99.8
≥ 100.0		47.9	85.2	88.9	90.9	93.0	93.8	95.8	97.7	98.1	98.8	99.1	99.2	99.3	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS

2681

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 STATION ANDREWS AFB WASHINGTON D C 43-72 YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.5	≥.25	≥.1	≥0	
NO CEILING ≥ 20000	27.6	51.9	55.0	57.0	57.8	57.9	58.5	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7
IV 18000 ≥ 6000	31.7	60.4	64.4	66.5	67.3	67.6	68.2	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5
IV 14000 ≥ 2000	32.0	61.4	65.5	67.6	68.4	68.6	69.3	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6
IV 10000 ≥ 9000	34.6	67.7	72.3	74.7	75.6	75.8	76.6	76.8	76.8	76.8	76.8	76.8	76.9	76.9	76.9	76.9
IV 8000 ≥ 7000	35.6	70.2	75.1	77.9	78.9	79.1	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IV 6000 ≥ 5000	36.7	72.4	77.3	80.2	81.3	81.5	82.3	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IV 4500 ≥ 4000	37.3	74.0	79.1	82.2	83.2	83.5	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 3500 ≥ 3000	37.8	75.6	80.9	84.0	85.2	85.6	86.5	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 2500 ≥ 2000	38.4	77.3	82.9	86.2	87.4	87.7	88.6	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 1800 ≥ 1500	38.7	78.2	83.9	87.5	88.8	89.1	90.0	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 1200 ≥ 1000	39.0	79.4	85.5	89.4	90.8	91.1	92.2	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 900 ≥ 800	39.1	79.7	85.9	90.1	91.7	92.1	93.2	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 700 ≥ 600	39.2	80.2	86.6	90.9	92.6	93.0	94.1	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 500 ≥ 400	39.2	80.5	87.0	91.5	93.5	93.9	95.2	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 300 ≥ 200	39.2	80.7	87.3	92.2	94.3	94.9	96.5	97.4	97.7	98.0	98.3	98.3	98.3	98.3	98.4	98.4
IV 100 ≥ 0	39.2	80.8	87.4	92.4	94.7	95.2	96.9	97.9	98.1	98.7	99.0	99.0	99.2	99.3	99.4	99.5
	39.2	80.8	87.4	92.4	94.7	95.3	97.0	98.0	98.2	98.8	99.1	99.2	99.4	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2561

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 ANDREWS AFB WASHINGTON D C

43-72

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0100-0500

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	
NO CEILING ≥ 20000	19.3	44.6	48.0	50.5	52.4	53.2	54.2	54.6	54.6	54.8	54.9	54.9	55.1	55.1	55.2	55.2
IV ≥ 18000	22.4	52.0	56.2	59.6	62.1	62.8	63.9	64.4	64.5	64.8	64.9	64.9	65.1	65.1	65.3	65.4
IV ≥ 16000	22.4	52.1	56.4	59.8	62.3	63.0	64.1	64.6	64.7	65.0	65.1	65.1	65.3	65.3	65.5	65.6
IV ≥ 14000	22.4	52.4	56.8	60.2	62.7	63.5	64.5	65.1	65.2	65.6	65.7	65.7	65.9	65.9	66.0	66.1
IV ≥ 12000	22.8	53.5	58.0	61.5	63.9	64.7	65.8	66.4	66.5	66.8	66.9	66.9	67.1	67.1	67.2	67.4
IV ≥ 10000	23.8	55.9	60.8	64.4	67.2	68.0	69.1	69.8	69.8	70.2	70.3	70.3	70.5	70.5	70.7	70.8
IV ≥ 9000	24.6	58.3	63.6	67.5	70.3	71.2	72.3	73.1	73.2	73.6	73.8	73.8	74.0	74.0	74.1	74.3
IV ≥ 8000	24.9	58.8	64.2	68.1	71.0	71.8	73.0	73.8	73.8	74.3	74.4	74.4	74.6	74.6	74.7	74.9
IV ≥ 7000	25.7	61.0	66.6	70.6	73.6	74.5	75.8	76.6	76.6	77.2	77.3	77.3	77.6	77.6	77.7	77.9
IV ≥ 6000	26.3	62.1	67.8	71.8	74.8	75.7	77.0	77.8	77.8	78.4	78.5	78.5	78.8	78.8	78.9	79.1
IV ≥ 5000	26.6	62.8	68.6	72.7	75.9	76.8	78.2	79.0	79.1	79.6	79.7	79.7	80.0	80.0	80.1	80.3
IV ≥ 4500	27.0	64.0	69.9	74.1	77.3	78.2	79.7	80.5	80.6	81.1	81.3	81.3	81.5	81.5	81.6	81.8
IV ≥ 4000	27.4	64.6	70.5	74.7	77.8	78.8	80.3	81.2	81.3	81.8	81.9	81.9	82.2	82.2	82.3	82.5
IV ≥ 3500	27.4	65.2	71.2	75.7	78.9	79.9	81.4	82.3	82.4	83.0	83.1	83.1	83.3	83.3	83.5	83.7
IV ≥ 3000	27.8	65.8	71.9	76.5	79.7	80.7	82.2	83.2	83.2	83.8	83.9	83.9	84.2	84.2	84.3	84.5
IV ≥ 2500	27.8	66.4	72.6	77.2	80.5	81.5	83.1	84.0	84.1	84.6	84.7	84.7	85.1	85.1	85.2	85.4
IV ≥ 2000	28.0	67.0	73.3	78.1	81.4	82.5	84.1	85.2	85.2	85.8	85.9	85.9	86.2	86.2	86.3	86.6
IV ≥ 1800	28.2	67.5	74.0	78.9	82.5	83.5	85.1	86.3	86.4	86.9	87.0	87.0	87.3	87.3	87.5	87.7
IV ≥ 1500	28.4	67.9	74.4	79.3	82.9	84.0	85.6	86.8	86.9	87.4	87.5	87.5	87.8	87.8	88.0	88.2
IV ≥ 1200	28.4	68.3	74.9	80.0	83.8	84.8	86.5	87.8	87.8	88.4	88.5	88.5	88.8	88.8	88.9	89.2
IV ≥ 1000	28.5	68.8	75.5	80.7	84.6	85.7	87.4	88.7	88.8	89.3	89.4	89.4	89.8	89.8	89.9	90.1
IV ≥ 900	28.6	69.3	76.1	81.4	85.4	86.5	88.3	89.6	89.6	90.3	90.6	90.6	90.9	90.9	91.0	91.3
IV ≥ 800	28.8	69.6	76.4	81.7	85.7	86.8	88.6	90.1	90.3	90.8	91.0	91.0	91.3	91.3	91.4	91.6
IV ≥ 700	28.8	69.9	76.5	81.9	85.9	87.0	88.9	90.5	90.7	91.3	91.5	91.5	91.8	91.8	91.9	92.1
IV ≥ 600	28.8	70.1	77.0	82.4	86.6	87.7	89.8	91.3	91.7	92.4	92.5	92.5	92.8	92.8	92.9	93.1
IV ≥ 500	28.8	70.3	77.3	82.7	87.2	88.3	90.6	92.3	92.7	93.5	93.8	93.8	94.1	94.1	94.3	94.5
IV ≥ 400	28.8	70.3	77.3	82.9	87.5	88.7	91.0	93.1	93.4	94.3	94.7	94.7	95.1	95.1	95.3	95.5
IV ≥ 300	28.8	70.6	77.5	83.2	87.9	89.3	91.7	94.2	94.7	95.8	96.2	96.2	96.6	96.6	96.9	97.2
IV ≥ 200	28.8	70.7	77.6	83.3	88.1	89.4	92.2	94.7	95.3	96.5	96.9	96.9	97.4	97.4	97.7	98.1
IV ≥ 100	28.8	70.7	77.6	83.3	88.1	89.4	92.3	94.9	95.5	96.7	97.2	97.2	97.9	97.9	98.3	99.0
IV ≥ 0	28.8	70.7	77.6	83.3	88.2	89.5	92.4	95.1	95.7	96.9	97.4	97.4	98.1	98.1	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS

2576

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 STATION ANDREWS AFB WASHINGTON D C 43-72 YEARS MONTH JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.2	≥2	≥1.2	≥1.4	≥1	≥.4	≥.2	≥.16	≥.1	≥0	
NO CEILING	20.6	39.7	43.9	47.3	49.5	50.4	51.2	51.5	51.6	51.7	51.8	51.8	51.9	51.9	51.9	51.9
≥ 20000	24.8	47.4	53.0	57.1	59.8	60.8	61.9	62.4	62.5	62.7	62.8	62.8	62.9	62.9	62.9	62.9
IV 18000	24.8	47.5	53.1	57.2	59.9	60.9	62.0	62.5	62.6	62.8	62.9	63.0	63.1	63.1	63.1	63.1
IV 16000	24.9	47.6	53.2	57.3	60.0	61.0	62.1	62.6	62.8	63.0	63.1	63.2	63.3	63.3	63.3	63.3
IV 14000	25.2	48.7	54.4	58.5	61.2	62.4	63.5	64.0	64.2	64.4	64.5	64.6	64.7	64.7	64.7	64.7
IV 12000	25.9	51.4	57.4	61.8	64.6	65.8	67.0	67.6	67.7	67.9	68.1	68.1	68.2	68.2	68.2	68.3
IV 10000	27.3	54.3	60.7	65.7	68.7	69.9	71.3	71.9	72.0	72.2	72.4	72.4	72.5	72.5	72.5	72.6
IV 9000	27.8	55.2	61.8	67.0	69.9	71.2	72.6	73.2	73.3	73.5	73.7	73.7	73.8	73.8	73.8	73.9
IV 8000	28.8	57.2	63.9	69.3	72.4	73.7	75.2	75.9	76.0	76.2	76.4	76.4	76.5	76.5	76.5	76.6
IV 7000	29.0	58.1	65.1	70.8	73.9	75.3	76.7	77.4	77.6	77.8	78.0	78.0	78.1	78.1	78.1	78.2
IV 6000	29.5	59.1	66.2	72.0	75.3	76.7	78.2	78.9	79.1	79.4	79.6	79.7	79.7	79.7	79.7	79.9
IV 5000	29.9	60.0	67.1	73.1	76.4	77.8	79.5	80.2	80.4	80.6	80.9	80.9	81.0	81.0	81.0	81.1
IV 4500	30.1	60.6	67.8	73.8	77.1	78.5	80.2	80.9	81.1	81.3	81.6	81.6	81.7	81.7	81.7	81.8
IV 4000	30.4	61.4	68.9	75.0	78.3	79.7	81.5	82.2	82.4	82.7	82.9	83.0	83.0	83.0	83.0	83.2
IV 3500	30.6	61.9	69.3	75.5	78.9	80.3	82.1	82.8	83.0	83.3	83.6	83.6	83.7	83.7	83.7	83.8
IV 3000	30.7	62.1	69.6	75.8	79.2	80.7	82.5	83.2	83.4	83.7	83.9	84.0	84.1	84.1	84.1	84.2
IV 2500	30.9	62.4	70.0	76.3	79.9	81.3	83.2	83.9	84.1	84.4	84.6	84.7	84.8	84.8	84.8	84.9
IV 2000	31.2	63.3	71.0	77.4	81.0	82.5	84.3	85.1	85.4	85.7	85.9	86.0	86.0	86.0	86.0	86.2
IV 1800	31.2	63.3	71.1	77.6	81.2	82.7	84.6	85.3	85.7	85.9	86.2	86.2	86.3	86.3	86.3	86.4
IV 1500	31.2	63.9	71.7	78.4	82.1	83.6	85.5	86.3	86.6	86.9	87.1	87.1	87.2	87.3	87.3	87.4
IV 1200	31.2	64.5	72.4	79.4	83.2	84.8	86.7	87.6	87.9	88.1	88.4	88.4	88.5	88.6	88.6	88.7
IV 1000	31.2	64.9	72.9	80.1	84.1	85.7	87.9	88.8	89.1	89.4	89.6	89.7	89.8	89.8	89.8	90.0
IV 900	31.3	65.1	73.2	80.4	84.5	86.1	88.4	89.4	89.7	90.0	90.2	90.2	90.4	90.4	90.4	90.6
IV 800	31.5	65.3	73.5	80.9	85.1	86.9	89.4	90.6	90.9	91.1	91.4	91.4	91.6	91.6	91.7	91.7
IV 700	31.5	65.6	73.6	81.0	85.3	87.2	89.9	91.1	91.5	91.8	92.0	92.0	92.1	92.2	92.2	92.3
IV 600	31.5	65.6	73.8	81.2	85.7	87.6	90.6	92.1	92.5	92.8	93.1	93.1	93.2	93.3	93.3	93.4
IV 500	31.5	65.7	74.1	81.6	86.4	88.5	91.9	93.7	94.2	94.7	95.0	95.0	95.2	95.2	95.2	95.4
IV 400	31.5	65.7	74.1	81.6	86.5	88.9	92.5	94.7	95.3	95.7	96.4	96.4	96.7	96.7	96.8	96.9
IV 300	31.5	65.8	74.2	81.7	86.7	89.0	92.8	95.3	96.1	97.0	97.4	97.5	97.8	97.9	97.9	98.1
IV 200	31.5	65.8	74.2	81.8	86.7	89.1	92.9	95.5	96.3	97.5	98.0	98.2	98.6	98.7	98.8	99.3
IV 100	31.5	65.8	74.2	81.8	86.7	89.1	92.9	95.6	96.3	97.5	98.1	98.2	98.6	98.8	99.0	99.6
IV C	31.5	65.8	74.2	81.8	86.7	89.1	92.9	95.6	96.3	97.5	98.1	98.2	98.7	99.0	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 2572

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 ANDREWS AFB WASHINGTON D C 43-72 JUN 1960

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	26.5	43.9	49.2	50.7	51.3	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
IV 2000	31.7	55.4	58.4	60.3	61.3	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
IV 1800	31.8	55.6	58.6	60.6	61.5	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
IV 1600	32.0	56.0	59.1	61.1	62.0	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
IV 1400	32.8	57.6	60.9	62.9	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 1200	34.0	60.6	64.0	66.2	67.2	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
IV 1000	34.9	63.0	67.0	69.3	70.6	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
IV 900	35.2	63.6	67.7	70.2	71.5	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
IV 800	35.8	65.1	69.6	72.2	73.6	73.8	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IV 700	36.1	65.7	70.3	72.9	74.3	74.6	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 600	36.6	66.6	71.2	74.0	75.5	75.7	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
IV 500	37.3	67.8	72.6	75.5	77.0	77.3	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IV 4500	37.8	68.6	73.3	76.3	77.8	78.1	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IV 4000	39.3	70.8	75.6	78.6	80.2	80.5	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IV 3500	40.1	72.1	76.9	80.0	81.6	81.9	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 3000	40.5	73.1	78.1	81.2	82.9	83.2	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IV 2500	41.0	74.1	79.2	82.3	84.0	84.4	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 2000	41.7	75.8	81.1	84.3	86.0	86.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 1800	42.0	76.3	81.6	84.8	86.7	87.2	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 1500	42.3	77.3	82.8	86.2	88.4	89.0	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 1200	42.6	78.8	84.4	87.9	90.2	90.9	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 1000	42.7	79.4	85.3	89.0	91.6	92.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 900	42.7	79.6	85.5	89.5	92.1	92.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 800	42.8	79.8	85.9	90.0	92.9	93.9	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 700	42.8	79.9	86.1	90.3	93.3	94.4	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 600	42.8	80.1	86.3	90.6	93.7	95.0	96.4	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 500	42.8	80.2	86.5	90.9	94.1	95.6	97.3	97.8	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3
IV 400	42.8	80.3	86.5	90.9	94.3	95.8	97.7	98.3	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2
IV 300	42.8	80.3	86.5	90.9	94.4	96.0	97.9	98.8	99.1	99.5	99.6	99.6	99.7	99.7	99.7	99.7
IV 200	42.8	80.3	86.5	90.9	94.4	96.0	97.9	99.0	99.2	99.7	99.8	99.8	99.9	99.9	99.9	99.9
IV 100	42.8	80.3	86.5	90.9	94.4	96.0	97.9	99.0	99.2	99.7	99.8	99.9	99.9	99.9	99.9	99.9
IV 0	42.8	80.3	86.6	91.0	94.4	96.1	97.9	99.0	99.3	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2573

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 ANDREWS AFB WASHINGTON D C 43-72 JUN 1964

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	28.0	44.5	45.6	46.2	46.5	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 20000	35.2	55.9	57.5	58.3	58.7	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
IV 18000	35.3	56.0	57.6	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
IV 16000	35.4	56.2	57.8	58.6	59.0	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
IV 14000	36.1	57.7	59.5	60.3	60.8	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
IV 12000	37.3	60.7	62.8	63.7	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
IV 10000	38.3	63.2	65.6	66.5	67.0	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
IV 9000	38.7	63.9	66.4	67.3	67.8	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
IV 8000	38.9	65.5	68.1	69.1	69.6	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
IV 7000	39.4	66.6	69.2	70.4	70.9	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 6000	39.9	67.5	70.3	71.5	72.0	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 5000	41.1	69.4	72.3	73.6	74.2	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
IV 4500	41.8	70.3	73.2	74.6	75.1	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
IV 4000	44.7	74.7	77.8	79.4	80.1	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 3500	46.1	76.9	80.1	81.7	82.5	82.8	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
IV 3000	48.0	80.1	83.4	85.2	86.0	86.4	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 2500	48.8	81.9	85.6	87.5	88.4	89.0	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 2000	49.4	83.6	87.4	89.7	90.6	91.3	91.6	91.8	91.8	91.9	91.9	91.9	92.0	92.0	92.0	92.0
IV 1800	49.4	83.8	87.7	90.0	90.9	91.6	91.9	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 1500	49.8	84.5	88.6	91.2	92.2	92.9	93.3	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 1200	49.9	85.2	89.3	92.0	93.4	94.1	94.8	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 1000	49.9	85.3	89.5	92.3	94.0	94.8	95.5	95.8	95.8	95.9	95.9	95.9	96.0	96.0	96.0	96.0
IV 900	49.9	85.3	89.5	92.4	94.2	95.1	95.9	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 800	49.9	85.4	89.8	92.8	94.8	95.6	96.7	96.9	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.1
IV 700	49.9	85.6	89.9	93.0	95.0	96.0	97.1	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 600	49.9	85.7	90.1	93.3	95.4	96.3	97.6	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 500	49.9	85.7	90.2	93.5	95.7	96.7	98.3	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 400	49.9	85.7	90.3	93.7	95.9	96.9	98.6	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 300	49.9	85.7	90.3	93.7	96.0	97.0	98.6	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	49.9	85.7	90.3	93.7	96.0	97.0	98.6	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	49.9	85.7	90.3	93.7	96.0	97.0	98.6	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	49.9	85.7	90.3	93.7	96.0	97.0	98.6	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 2573

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 ANDREWS AFB WASHINGTON D C 43-72 JUN 1957

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.5	≥.5	≥.5	≥.5	≥.5
NO CEILING ≥ 20000	30.4	45.3	46.5	47.6	47.9	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
IV 18000	40.4	60.3	62.0	63.3	63.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
IV 16000	40.6	60.7	62.5	63.6	64.0	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
IV 14000	41.4	62.0	63.8	65.0	65.3	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
IV 12000	42.8	64.6	66.5	67.7	68.2	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
IV 10000	43.9	67.7	69.8	71.3	71.9	72.1	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 9000	44.3	68.4	70.6	72.1	72.6	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
IV 8000	45.2	70.1	72.4	74.1	74.6	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 7000	45.6	71.2	73.6	75.3	75.9	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 6000	46.2	72.4	74.8	76.5	77.1	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
IV 5000	47.7	75.1	77.9	79.8	80.5	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IV 4500	48.2	75.8	78.7	80.8	81.5	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 4000	49.9	79.4	82.4	84.6	85.6	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 3500	50.8	80.9	84.1	86.3	87.4	87.9	88.0	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 3000	51.7	82.7	86.0	88.4	89.6	90.2	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 2500	51.9	83.6	87.0	89.5	90.7	91.4	91.7	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 2000	52.2	84.8	88.4	91.1	92.4	93.1	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 1800	52.2	84.9	88.6	91.3	92.7	93.4	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 1500	52.4	85.3	89.1	91.9	93.4	94.1	94.5	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 1200	52.5	85.8	89.6	92.5	94.4	95.1	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 1000	52.5	86.2	90.1	93.1	95.1	95.8	96.4	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 900	52.6	86.3	90.2	93.2	95.3	96.0	96.7	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 800	52.6	86.5	90.4	93.6	95.7	96.5	97.2	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 700	52.7	86.5	90.5	93.8	96.0	96.9	97.8	98.0	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3
IV 600	52.7	86.6	90.5	93.8	96.1	96.9	98.0	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 500	52.7	86.8	90.7	94.0	96.4	97.4	98.6	98.9	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3
IV 400	52.7	86.8	90.7	94.0	96.4	97.5	98.8	99.2	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	52.7	86.8	90.8	94.1	96.5	97.6	98.9	99.4	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	52.7	86.8	90.8	94.1	96.5	97.6	98.9	99.4	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
IV 100	52.7	86.8	90.8	94.1	96.5	97.6	98.9	99.4	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
IV 0	52.7	86.8	90.8	94.1	96.5	97.6	98.9	99.4	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2577

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 ANDREWS AFB WASHINGTON D.C.

43-72

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-2000

CEILING (FEET)	VISIBILITY STATUTE MILES:															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	30.5	47.2	49.0	50.2	51.4	51.5	51.8	51.8	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 20000	38.4	61.5	63.9	65.5	66.8	66.9	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
IV 18000	38.4	61.5	64.1	65.7	67.0	67.1	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
IV 16000	38.7	61.9	64.4	66.0	67.3	67.4	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
IV 14000	39.5	63.5	66.2	67.8	69.2	69.3	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8
IV 12000	40.9	66.7	69.5	71.3	72.8	72.9	73.3	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IV 10000	42.5	69.8	72.6	74.5	76.0	76.2	76.6	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 9000	43.2	70.9	73.7	75.7	77.2	77.4	77.8	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IV 8000	43.3	72.0	75.0	77.2	78.8	78.9	79.4	79.5	79.5	79.6	79.6	79.6	79.6	79.7	79.7	79.7
IV 7000	44.1	73.6	76.7	79.0	80.6	80.8	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.6	81.6	81.6
IV 6000	44.6	74.5	77.7	80.1	81.8	82.0	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8
IV 5000	45.1	76.1	79.6	82.1	83.9	84.1	84.7	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 4500	45.4	76.8	80.4	83.0	84.9	85.1	85.7	85.8	85.8	85.9	85.9	85.9	85.9	86.0	86.0	86.0
IV 4000	45.9	78.7	82.5	85.2	87.2	87.4	88.0	88.2	88.2	88.3	88.3	88.3	88.3	88.4	88.4	88.4
IV 3500	46.1	79.4	83.2	86.0	88.0	88.2	88.9	89.1	89.1	89.2	89.2	89.2	89.2	89.3	89.3	89.3
IV 3000	46.4	80.5	84.5	87.5	89.7	90.0	90.6	90.8	90.8	90.9	90.9	90.9	90.9	91.0	91.0	91.0
IV 2500	46.4	81.1	85.3	88.4	90.6	91.0	91.7	91.8	91.8	91.9	91.9	91.9	92.0	92.0	92.0	92.0
IV 2000	46.7	82.0	86.4	89.7	92.1	92.5	93.2	93.4	93.4	93.6	93.6	93.6	93.7	93.7	93.7	93.7
IV 1800	46.7	82.2	86.6	89.9	92.4	92.8	93.6	93.8	93.8	94.0	94.0	94.0	94.1	94.1	94.1	94.1
IV 1500	46.9	83.0	87.4	91.0	93.5	93.9	94.8	95.1	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95.3
IV 1200	47.0	83.5	88.0	91.7	94.2	94.6	95.7	95.9	95.9	96.0	96.0	96.0	96.1	96.2	96.2	96.2
IV 1000	47.1	83.8	88.5	92.1	94.8	95.3	96.5	96.7	96.7	96.9	96.9	96.9	97.0	97.0	97.0	97.0
IV 900	47.1	83.8	88.5	92.3	95.0	95.5	96.8	97.1	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.3
IV 800	47.1	84.0	88.7	92.5	95.3	95.8	97.1	97.4	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6
IV 700	47.1	84.1	88.8	92.7	95.5	96.1	97.5	97.7	97.7	97.9	97.9	97.9	98.0	98.1	98.1	98.1
IV 600	47.1	84.1	88.8	92.7	95.6	96.2	97.7	98.0	98.0	98.2	98.3	98.3	98.3	98.4	98.4	98.4
IV 500	47.1	84.2	89.1	93.0	95.9	96.6	98.3	98.5	98.5	98.8	98.9	98.9	99.0	99.0	99.0	99.0
IV 400	47.1	84.3	89.1	93.1	96.1	96.8	98.6	98.9	98.9	99.4	99.5	99.5	99.6	99.6	99.6	99.6
IV 300	47.1	84.3	89.1	93.1	96.1	96.8	98.8	99.0	99.0	99.5	99.7	99.7	99.8	99.8	99.8	99.8
IV 200	47.1	84.3	89.1	93.1	96.1	96.8	98.8	99.1	99.1	99.6	99.7	99.7	99.8	99.9	99.9	100.0
IV 100	47.1	84.3	89.1	93.1	96.1	96.8	98.8	99.1	99.1	99.6	99.7	99.7	99.8	99.9	99.9	100.0
0	47.1	84.3	89.1	93.1	96.1	96.8	98.8	99.1	99.1	99.6	99.7	99.7	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

2577

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

13705 ANDREWS AFB WASHINGTON D C

44-72

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.16	≥.1	≥0	
NO CEILING	31.4	53.4	55.6	57.1	57.8	57.9	58.2	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5
IV 20000	35.4	62.1	64.6	66.5	67.2	67.4	67.7	67.8	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IV 18000	35.5	62.2	64.8	66.6	67.4	67.6	67.9	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
IV 16000	35.6	62.3	65.0	66.9	67.6	67.8	68.1	68.2	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4
IV 14000	36.2	63.7	66.3	68.2	68.9	69.1	69.4	69.5	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7
IV 12000	37.2	66.7	69.4	71.4	72.1	72.3	72.7	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
IV 10000	38.7	70.3	73.0	75.1	75.9	76.1	76.5	76.6	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 9000	39.3	71.1	73.9	75.9	76.7	76.9	77.3	77.4	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 8000	40.2	72.9	76.0	78.2	79.0	79.2	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 7000	40.6	74.0	77.1	79.6	80.4	80.6	81.1	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IV 6000	40.9	75.0	78.2	80.8	81.7	81.9	82.4	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IV 5000	41.3	77.1	80.5	83.2	84.2	84.4	84.9	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 4500	41.6	77.6	81.1	84.0	84.9	85.1	85.7	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 4000	42.0	78.9	82.7	85.5	86.6	86.8	87.3	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 3500	42.3	79.9	83.8	86.7	87.8	88.0	88.6	88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 3000	42.9	80.9	84.8	87.8	88.9	89.1	89.7	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 2500	43.1	81.4	85.5	88.5	89.7	89.9	90.5	90.6	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 2000	43.3	82.3	86.5	89.9	91.1	91.4	91.9	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 1800	43.4	82.5	86.7	90.1	91.5	91.8	92.3	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 1500	43.6	83.2	87.5	90.9	92.3	92.6	93.1	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 1200	43.7	83.5	88.0	91.5	93.0	93.3	93.9	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3
IV 1000	43.7	84.1	88.7	92.2	93.8	94.1	94.8	95.0	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3
IV 900	43.8	84.3	88.9	92.5	94.1	94.4	95.1	95.4	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 800	43.8	84.6	89.3	92.9	94.5	94.8	95.3	95.8	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 700	43.8	84.8	89.5	93.2	94.8	95.2	95.9	96.2	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 600	43.9	85.0	89.8	93.5	95.3	95.6	96.3	96.8	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2
IV 500	43.9	85.1	90.1	93.9	95.8	96.2	97.2	97.6	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.0
IV 400	43.9	85.1	90.1	94.1	96.1	96.7	97.9	98.3	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7
IV 300	43.9	85.2	90.3	94.2	96.3	96.8	98.1	98.6	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1
IV 200	43.9	85.3	90.4	94.4	96.5	97.1	98.5	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6
IV 100	43.9	85.3	90.4	94.4	96.5	97.1	98.5	99.1	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7
IV 0	43.9	85.3	90.4	94.4	96.5	97.1	98.5	99.1	99.2	99.6	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS

2538

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 ANDREWS AFB WASHINGTON D.C. 43-72 JUL 0000-0200

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	22.2	51.6	54.1	55.6	56.2	56.5	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 20000	26.3	61.8	65.6	67.5	68.6	69.0	69.7	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.0
IN 18000	26.3	62.0	65.9	67.9	68.9	69.3	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.3	70.3	70.3
IN 16000	26.5	62.3	66.2	68.1	69.2	69.6	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.6	70.6	70.6
IN 14000	26.9	63.5	67.6	69.5	70.7	71.1	71.8	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.2	72.2
IN 12000	28.5	67.7	72.1	74.2	75.5	75.9	76.7	76.9	76.9	77.0	77.0	77.0	77.1	77.1	77.1	77.1
IN 10000	30.2	72.0	76.7	78.9	80.3	80.7	81.7	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.2	82.2
IN 9000	30.7	73.3	78.0	80.3	81.7	82.1	83.1	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.6
IN 8000	31.2	74.9	79.9	82.2	83.7	84.1	85.1	85.4	85.5	85.5	85.5	85.5	85.5	85.6	85.6	85.6
IN 7000	31.6	75.8	80.8	83.2	84.7	85.1	86.2	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.7	86.7
IN 6000	31.7	76.4	81.4	83.8	85.3	85.7	86.8	87.1	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.3
IN 5000	31.9	78.0	83.1	85.6	87.2	87.6	88.7	89.0	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2
IN 4500	32.0	78.8	83.4	86.0	87.6	88.0	89.1	89.4	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.6
IN 4000	32.2	78.8	84.1	86.7	88.2	88.7	89.9	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.4	90.4
IN 3500	32.3	79.3	84.6	87.3	88.8	89.3	90.4	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	91.0
IN 3000	32.3	79.8	85.1	87.8	89.4	89.9	91.0	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.6
IN 2500	32.3	80.2	85.5	88.2	89.9	90.4	91.6	91.9	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.1
IN 2000	32.4	80.8	86.2	89.0	90.7	91.2	92.4	92.7	92.8	92.9	92.9	92.9	93.0	93.0	93.0	93.0
IN 1800	32.5	80.9	86.3	89.1	90.8	91.3	92.5	92.9	92.9	93.0	93.0	93.0	93.1	93.1	93.1	93.1
IN 1500	32.5	81.4	87.0	89.9	91.7	92.2	93.4	93.8	93.8	93.9	93.9	93.9	94.0	94.0	94.0	94.0
IN 1200	32.6	81.6	87.3	90.3	92.1	92.6	93.8	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.5	94.5
IN 1000	32.6	81.9	87.6	90.7	92.4	92.9	94.2	94.7	94.7	94.8	94.8	94.8	94.8	94.9	94.9	94.9
IN 900	32.6	81.9	87.7	90.8	92.5	93.0	94.3	94.8	94.8	94.9	94.9	94.9	95.0	95.0	95.0	95.1
IN 800	32.6	82.0	87.8	90.9	92.8	93.4	94.7	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.4	95.4
IN 700	32.6	82.3	88.3	91.5	93.5	94.0	95.3	95.9	95.9	96.0	96.0	96.0	96.1	96.1	96.1	96.1
IN 600	32.6	82.8	88.7	91.9	94.1	94.7	96.1	96.7	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.1
IN 500	32.6	83.0	89.0	92.2	94.7	95.3	96.8	97.5	97.5	97.8	97.8	97.8	97.9	97.9	97.9	97.9
IN 400	32.6	83.2	89.2	92.5	95.0	95.7	97.3	97.9	98.0	98.3	98.3	98.3	98.4	98.4	98.4	98.4
IN 300	32.6	83.2	89.2	92.5	95.1	95.9	97.6	98.3	98.4	98.7	98.8	98.8	98.8	98.8	98.9	99.0
IN 200	32.6	83.2	89.2	92.5	95.2	96.0	97.7	98.5	98.6	98.9	99.0	99.0	99.1	99.2	99.2	99.4
IN 100	32.6	83.2	89.2	92.5	95.2	96.0	97.7	98.5	98.6	99.0	99.1	99.1	99.3	99.4	99.5	99.7
IN 0	32.6	83.2	89.2	92.5	95.2	96.0	97.7	98.5	98.6	99.0	99.1	99.1	99.3	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 2772

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 ANDREWS AFB WASHINGTON D.C.

43-72

III

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥7	≥1	≥1	≥1	≥4	≥4	≥4	≥5	≥6	≥0
NO CEILING	15.6	42.3	46.1	48.0	49.7	50.2	51.0	51.6	51.7	51.9	52.0	52.1	52.1	52.1	52.2	52.6
≥ 20000	17.7	49.7	54.7	57.3	59.9	60.5	61.6	62.4	62.6	62.9	63.2	63.3	63.4	63.5	63.6	64.1
IV 18000	17.7	49.7	54.8	57.4	60.1	60.6	61.8	62.5	62.7	63.1	63.3	63.4	63.6	63.6	63.7	64.3
IV 16000	17.8	49.8	55.0	57.7	60.3	60.9	62.0	62.8	63.0	63.3	63.6	63.7	63.8	63.9	64.0	64.6
IV 14000	18.3	51.2	56.5	59.3	62.0	62.6	63.8	64.6	64.8	65.1	65.4	65.4	65.7	65.7	65.9	66.4
IV 12000	19.7	55.1	60.8	64.0	67.0	67.7	69.0	70.0	70.1	70.5	70.9	70.9	71.2	71.3	71.4	71.9
IV 10000	20.9	58.8	65.0	68.5	71.9	72.6	73.9	75.0	75.2	75.6	75.9	76.0	76.3	76.3	76.5	77.0
IV 9000	21.2	59.7	65.9	69.4	72.8	73.5	74.8	75.9	76.1	76.5	76.9	76.9	77.2	77.2	77.4	77.9
IV 8000	21.8	61.5	67.9	71.7	75.3	75.9	77.4	78.6	78.8	79.2	79.5	79.5	79.9	80.0	80.1	80.6
IV 7000	22.3	62.4	69.0	73.0	76.6	77.3	78.9	80.1	80.3	80.8	81.1	81.1	81.5	81.5	81.7	82.2
IV 6000	22.4	63.1	69.9	74.0	77.6	78.3	79.9	81.2	81.3	81.8	82.2	82.2	82.6	82.6	82.7	83.3
IV 5000	22.7	64.2	71.1	75.3	79.0	79.8	81.5	82.9	83.1	83.5	83.9	83.9	84.3	84.3	84.5	85.0
IV 4500	22.8	64.5	71.5	75.7	79.5	80.3	82.1	83.4	83.6	84.0	84.4	84.4	84.8	84.8	85.0	85.5
IV 4000	22.9	65.0	72.1	76.5	80.3	81.1	82.8	84.3	84.4	84.9	85.3	85.3	85.7	85.7	85.8	86.4
IV 3500	23.0	65.4	72.6	77.0	80.9	81.6	83.4	84.9	85.0	85.5	85.9	85.9	86.3	86.3	86.5	87.0
IV 3000	23.1	65.8	73.2	77.6	81.4	82.2	84.1	85.6	85.8	86.3	86.6	86.7	87.0	87.1	87.2	87.8
IV 2500	23.2	66.2	73.7	78.3	82.2	83.1	84.9	86.4	86.6	87.1	87.5	87.5	87.9	87.9	88.1	88.6
IV 2000	23.3	66.5	74.4	78.9	83.0	83.8	85.7	87.2	87.5	87.9	88.3	88.4	88.7	88.8	88.9	89.5
IV 1800	23.3	66.6	74.4	78.9	83.0	83.8	85.7	87.3	87.5	88.0	88.4	88.4	88.8	88.8	88.9	89.5
IV 1500	23.4	67.0	75.0	79.6	83.8	84.7	86.7	88.3	88.6	89.0	89.4	89.5	89.8	89.9	90.0	90.5
IV 1200	23.4	67.5	75.7	80.3	84.5	85.4	87.5	89.1	89.4	89.9	90.2	90.3	90.6	90.7	90.8	91.4
IV 1000	23.5	67.9	76.2	81.0	85.3	86.2	88.3	89.9	90.2	90.7	91.1	91.2	91.5	91.5	91.7	92.2
IV 900	23.5	68.0	76.4	81.2	85.6	86.5	88.6	90.3	90.6	91.1	91.5	91.6	91.9	92.0	92.1	92.7
IV 800	23.5	68.2	76.7	81.6	86.1	87.0	89.1	90.9	91.2	91.8	92.2	92.2	92.6	92.6	92.8	93.3
IV 700	23.6	68.6	77.2	82.2	86.7	87.7	89.9	91.7	92.1	92.6	93.1	93.1	93.5	93.5	93.7	94.2
IV 600	23.6	68.8	77.5	82.6	87.4	88.3	90.7	92.3	93.0	93.6	94.1	94.1	94.5	94.5	94.7	95.2
IV 500	23.6	69.0	77.7	82.9	87.8	88.8	91.4	93.3	94.0	94.5	95.1	95.1	95.6	95.6	95.8	96.3
IV 400	23.6	69.0	77.8	83.1	88.0	89.1	91.9	94.1	94.6	95.3	95.8	95.8	96.3	96.4	96.5	97.1
IV 300	23.6	69.1	77.9	83.3	88.3	89.4	92.4	94.7	95.3	96.0	96.5	96.6	97.2	97.2	97.4	98.0
IV 200	23.6	69.1	77.9	83.3	88.3	89.5	92.5	95.0	95.6	96.3	96.9	97.1	97.8	97.8	98.2	98.7
IV 100	23.6	69.1	77.9	83.3	88.3	89.5	92.6	95.1	95.7	96.4	97.1	97.3	98.0	98.1	98.5	99.3
IV 0	23.6	69.1	77.9	83.3	88.3	89.5	92.6	95.1	95.7	96.4	97.1	97.3	98.1	98.2	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS

2769

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 ANDREWS AFB WASHINGTON D.C 43-72 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1.5	≥1.4	≥1	≥1	≥1	≥1	≥1	≥1	≥0
NO CEILING	14.8	33.5	37.8	41.4	43.9	44.8	45.9	46.2	46.4	46.4	46.5	46.5	46.6	46.6	46.6	46.7
IV 20000	18.3	42.1	47.5	52.1	55.3	56.3	57.7	58.1	58.3	58.4	58.5	58.5	58.7	58.7	58.9	59.1
IV 18000	18.4	42.3	47.7	52.2	55.5	56.5	57.8	58.3	58.5	58.6	58.7	58.7	58.9	59.0	59.1	59.3
IV 16000	18.5	42.7	48.1	52.7	55.9	57.0	58.5	58.9	59.1	59.2	59.4	59.4	59.5	59.6	59.7	59.9
IV 14000	19.4	44.3	50.1	54.8	58.1	59.3	60.8	61.2	61.5	61.6	61.7	61.7	61.9	62.0	62.1	62.3
IV 12000	21.1	48.3	54.5	59.6	63.3	64.6	66.2	66.8	67.1	67.2	67.4	67.4	67.6	67.7	67.8	68.1
IV 10000	21.9	51.7	58.2	63.9	68.0	69.4	71.1	71.9	72.1	72.3	72.5	72.5	72.7	72.8	72.9	73.2
IV 9000	22.4	52.9	59.5	65.2	69.3	71.6	72.4	73.2	73.4	73.6	73.8	73.8	74.1	74.2	74.3	74.6
IV 8000	23.2	55.2	61.9	68.0	72.3	73.6	75.4	76.3	76.5	76.7	77.0	77.0	77.2	77.3	77.4	77.7
IV 7000	23.6	56.4	63.3	69.4	73.8	75.2	77.1	78.0	78.4	78.6	78.8	78.8	79.1	79.2	79.3	79.6
IV 6000	23.8	57.3	64.2	70.4	74.8	76.2	78.1	79.1	79.4	79.6	79.8	79.8	80.1	80.2	80.3	80.7
IV 5000	24.2	58.4	65.4	71.8	76.3	77.7	79.7	80.7	81.0	81.2	81.5	81.5	81.8	81.9	82.0	82.3
IV 4500	24.3	58.7	65.7	72.1	76.6	78.1	80.1	81.1	81.4	81.6	81.9	81.9	82.2	82.3	82.4	82.7
IV 4000	24.5	59.1	66.2	72.8	77.4	78.9	80.9	81.9	82.4	82.6	82.8	82.8	83.1	83.2	83.3	83.7
IV 3500	24.6	59.4	66.5	73.3	77.9	79.4	81.4	82.5	82.9	83.2	83.4	83.4	83.7	83.8	83.9	84.2
IV 3000	24.6	59.6	66.9	73.7	78.5	80.1	82.2	83.3	83.7	83.9	84.2	84.2	84.5	84.6	84.7	85.0
IV 2500	24.6	59.8	67.1	74.0	78.9	80.5	82.6	83.7	84.1	84.4	84.6	84.6	84.9	85.0	85.1	85.4
IV 2000	24.6	60.0	67.6	74.6	79.4	81.1	83.3	84.4	84.9	85.1	85.3	85.3	85.6	85.7	85.8	86.2
IV 1800	24.6	60.2	67.7	74.7	79.7	81.3	83.6	84.7	85.2	85.4	85.6	85.6	85.9	86.0	86.1	86.5
IV 1500	24.9	60.6	68.3	75.4	80.5	82.2	84.5	85.8	86.2	86.5	86.7	86.7	87.0	87.1	87.2	87.6
IV 1200	25.1	61.3	69.3	76.6	81.7	83.5	85.9	87.1	87.6	87.9	88.2	88.2	88.4	88.5	88.7	89.0
IV 1000	25.2	62.0	70.1	77.5	82.8	84.7	87.2	88.5	89.0	89.3	89.7	89.7	90.0	90.1	90.2	90.5
IV 900	25.3	62.2	70.3	77.7	83.2	85.2	87.8	89.1	89.6	89.9	90.2	90.2	90.5	90.6	90.7	91.0
IV 800	25.5	62.6	71.0	78.5	84.2	86.2	89.0	90.4	90.9	91.2	91.5	91.5	91.8	91.9	92.1	92.4
IV 700	25.5	62.9	71.4	78.9	84.8	87.0	90.0	91.4	91.9	92.3	92.7	92.7	93.0	93.1	93.2	93.6
IV 600	25.5	63.2	71.9	79.7	85.8	88.1	91.5	93.1	93.6	94.2	94.6	94.6	94.9	95.0	95.1	95.4
IV 500	25.6	63.5	72.3	80.1	86.5	88.9	92.4	94.2	94.9	95.5	96.0	96.1	96.5	96.6	96.7	97.1
IV 400	25.6	63.7	72.4	80.4	86.9	89.4	93.0	95.0	95.7	96.5	97.0	97.1	97.5	97.6	97.8	98.2
IV 300	25.6	63.7	72.5	80.6	87.1	89.7	93.4	95.4	96.1	97.0	97.6	97.7	98.1	98.2	98.4	98.9
IV 200	25.6	63.7	72.5	80.6	87.2	89.7	93.5	95.5	96.2	97.2	97.8	97.9	98.4	98.5	98.7	99.3
IV 100	25.6	63.7	72.5	80.6	87.2	89.7	93.5	95.5	96.2	97.2	97.8	97.9	98.4	98.7	99.1	99.7
IV 0	25.6	63.7	72.5	80.6	87.2	89.7	93.5	95.5	96.2	97.2	97.8	97.9	98.4	98.7	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS

2768

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 STATION ANDREWS AFB WASHINGTON D C

43-72 YEARS

III MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-1100 HOURS

CEILING FEET	VISIBILITY - STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	21.0	41.6	45.2	46.9	48.0	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 20000	27.2	51.9	56.2	58.8	59.9	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
IV 18000	27.3	52.1	56.4	59.0	60.2	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
IV 16000	27.4	52.7	57.0	59.7	60.8	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
IV 14000	28.5	54.9	59.3	62.2	63.4	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
IV 12000	30.4	59.1	63.8	66.7	68.1	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
IV 10000	31.2	61.9	67.1	70.2	71.6	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
IV 9000	31.4	62.5	67.7	70.9	72.4	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
IV 8000	32.0	64.6	70.1	73.7	75.2	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
IV 7000	32.3	65.5	71.2	74.8	76.4	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 6000	32.5	66.1	71.9	75.6	77.2	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IV 5000	32.9	67.0	73.0	76.9	78.6	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 4500	33.2	67.4	73.5	77.4	79.1	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 4000	33.6	68.2	74.3	78.2	80.0	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
IV 3500	33.9	68.6	74.8	79.0	80.8	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IV 3000	34.3	69.8	76.1	80.5	82.4	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 2500	35.0	71.4	78.0	82.6	84.5	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 2000	35.6	73.2	80.0	84.8	86.9	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 1800	35.7	73.9	80.7	85.6	87.7	88.6	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 1500	36.1	74.8	82.0	87.2	89.6	90.6	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 1200	36.5	76.0	83.5	88.8	91.5	92.5	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3
IV 1000	36.6	77.1	84.8	90.5	93.4	94.5	95.2	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6
IV 900	36.7	77.3	85.0	90.7	93.7	94.8	95.6	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1
IV 800	36.8	77.7	85.6	91.4	94.5	95.7	96.6	97.0	97.0	97.1	97.2	97.2	97.2	97.2	97.2
IV 700	36.8	77.8	85.7	91.6	94.8	96.0	96.9	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5
IV 600	36.8	78.0	86.0	92.1	95.3	96.8	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 500	36.8	78.1	86.2	92.4	95.9	97.4	98.5	99.1	99.1	99.4	99.5	99.5	99.5	99.5	99.5
IV 400	36.8	78.2	86.2	92.6	96.1	97.6	98.7	99.3	99.4	99.7	99.9	99.9	99.9	99.9	99.9
IV 300	36.8	78.2	86.2	92.6	96.1	97.6	98.7	99.4	99.4	99.8	99.9	99.9	99.9	99.9	99.9
IV 200	36.8	78.2	86.2	92.6	96.1	97.6	98.7	99.4	99.4	99.8	99.9	99.9	99.9	99.9	99.9
IV 100	36.8	78.2	86.2	92.6	96.1	97.6	98.7	99.4	99.4	99.8	99.9	100.0	100.0	100.0	100.0
IV 0	36.8	78.2	86.2	92.6	96.1	97.6	98.7	99.4	99.4	99.8	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2762

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 ANDREWS AFB WASHINGTON D C 43-72 JUL 1954
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) 1200-1400

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.2	≥	≥5/16	≥.4	≥0
NO CEILING ≥ 20000	21.6	40.1	42.1	43.0	43.5	43.6	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
18000 16000	30.0	52.6	55.2	56.7	57.1	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
14000 12000	30.2	53.2	55.9	57.5	58.0	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
10000 9000	31.6	55.4	58.4	60.0	60.5	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
8000 7000	33.5	59.8	63.1	64.8	65.3	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
6000 5000	34.7	63.2	66.6	68.5	69.0	69.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
4500 4000	34.8	63.8	67.4	69.3	69.8	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
3500 3000	35.3	65.3	69.2	71.3	72.0	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
2500 2000	35.4	66.0	70.0	72.2	72.9	73.2	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
1800 1500	36.0	66.8	71.0	73.2	74.0	74.2	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
1200 1000	37.0	68.7	73.0	75.4	76.2	76.5	76.7	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9
900 800	37.8	69.6	74.1	76.5	77.3	77.6	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0
700 600	39.2	72.2	77.2	79.8	80.7	81.0	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4
500 400	40.4	74.3	79.4	82.3	83.2	83.5	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
300 200	41.7	77.3	82.8	86.0	87.1	87.4	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
100 0	42.6	79.8	85.6	89.0	90.2	90.5	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
	43.4	82.0	88.1	91.6	93.1	93.4	93.6	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
	43.4	82.3	88.5	92.0	93.4	93.8	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
	43.7	83.0	89.4	93.0	94.5	94.9	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
	43.8	83.7	90.2	94.2	95.9	96.4	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
	43.9	84.1	90.7	94.8	96.7	97.2	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
	43.9	84.1	90.8	94.9	96.8	97.4	98.0	98.7	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
	43.9	84.2	90.9	95.1	97.2	97.8	98.4	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
	43.9	84.3	91.0	95.2	97.3	97.9	98.6	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0
	43.9	84.3	91.1	95.4	97.5	98.1	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
	43.9	84.4	91.3	95.5	97.7	98.4	99.1	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
	43.9	84.4	91.3	95.5	97.7	98.4	99.1	99.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
	43.9	84.4	91.4	95.6	97.8	98.4	99.2	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	43.9	84.4	91.4	95.6	97.8	98.4	99.2	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	43.9	84.4	91.4	95.6	97.8	98.4	99.2	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 2756

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 ANDREWS AFB WASHINGTON, D.C.

43-72

III

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.3	≥0.2	≥0.15	≥0.1	≥0	≥0
NO CEILING	24.6	42.9	44.4	45.4	46.0	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 20000	33.6	57.4	59.7	61.1	61.8	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
IV IV 18000	33.6	57.6	59.9	61.2	62.0	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
16000	33.8	58.2	60.7	62.0	62.7	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
IV IV 14000	34.9	60.6	63.3	64.6	65.4	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
12000	37.4	65.8	68.6	70.1	70.9	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
IV IV 10000	38.6	69.1	72.2	73.8	74.6	74.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
9000	39.0	69.7	72.8	74.4	75.3	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
IV IV 8000	39.4	70.8	74.2	76.1	77.2	77.4	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
7000	39.7	71.5	75.0	77.1	78.2	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV IV 6000	40.0	72.4	76.0	78.1	79.3	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
5000	41.0	74.3	78.1	80.3	81.7	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
IV IV 4500	41.8	75.5	79.4	81.6	83.0	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
4000	42.8	77.5	82.0	84.4	85.9	86.2	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV IV 3500	43.5	79.0	83.5	86.0	87.6	87.9	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
3000	44.5	81.2	85.9	88.7	90.7	91.0	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
IV IV 2500	45.0	82.7	87.6	90.6	92.8	93.1	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
2000	45.2	83.5	88.6	91.7	94.0	94.4	95.0	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV IV 1800	45.2	83.6	88.7	91.7	94.1	94.5	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
1500	45.2	83.9	89.1	92.4	94.7	95.2	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV IV 1200	45.3	84.2	89.5	92.8	95.3	95.8	96.5	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9
1000	45.4	84.4	89.8	93.2	95.7	96.3	97.3	97.6	97.6	97.8	97.9	97.9	97.9	97.9	97.9	98.0
IV IV 900	45.4	84.5	89.9	93.4	96.0	96.6	97.7	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.4	98.4
800	45.5	84.6	90.1	93.7	96.5	97.1	98.3	98.6	98.6	98.8	98.9	98.9	98.9	98.9	99.0	99.0
IV IV 700	45.5	84.8	90.2	93.8	96.7	97.3	98.5	98.8	98.9	99.2	99.2	99.2	99.2	99.3	99.3	99.4
600	45.5	84.9	90.3	94.0	96.8	97.5	98.7	99.0	99.1	99.4	99.4	99.4	99.4	99.5	99.5	99.6
IV IV 500	45.5	85.0	90.4	94.1	96.9	97.6	98.9	99.3	99.4	99.7	99.8	99.8	99.8	99.9	99.9	100.0
400	45.5	85.0	90.4	94.1	97.0	97.7	98.9	99.3	99.4	99.8	99.8	99.8	99.8	99.9	99.9	100.0
IV IV 300	45.5	85.0	90.4	94.1	97.0	97.7	98.9	99.3	99.4	99.8	99.8	99.8	99.8	99.9	99.9	100.0
200	45.5	85.0	90.4	94.1	97.0	97.7	98.9	99.3	99.4	99.8	99.8	99.8	99.8	99.9	99.9	100.0
IV IV 100	45.5	85.0	90.4	94.1	97.0	97.7	98.9	99.3	99.4	99.8	99.8	99.8	99.8	99.9	99.9	100.0
0	45.5	85.0	90.4	94.1	97.0	97.7	98.9	99.3	99.4	99.8	99.8	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

2773

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705

ANDREWS AFB WASHINGTON, D. C.

43-72

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1400-2000

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	23.2	42.7	45.1	46.3	46.9	47.0	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 20000	30.8	56.4	60.5	62.4	63.1	63.3	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
IV 18000	31.0	56.8	60.8	62.8	63.5	63.7	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
IV 16000	31.2	57.2	61.4	63.3	64.0	64.2	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
IV 14000	32.3	58.9	63.2	65.2	66.1	66.2	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
IV 12000	34.4	63.7	68.6	70.7	71.6	71.9	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 10000	36.4	68.0	73.4	75.7	76.8	77.1	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IV 9000	36.9	69.0	74.4	76.7	77.9	78.1	78.6	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 8000	38.0	71.0	76.7	79.1	80.4	80.7	81.2	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IV 7000	38.4	71.9	77.9	80.4	81.8	82.1	82.6	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 6000	38.6	72.7	78.9	81.6	83.0	83.3	83.9	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IV 5000	39.2	74.5	81.0	83.7	85.2	85.6	86.2	86.3	86.3	86.4	86.5	86.5	86.5	86.5	86.5	86.5
IV 4500	39.3	74.8	81.4	84.3	85.8	86.2	86.9	87.0	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.2
IV 4000	40.0	76.7	83.5	86.6	88.3	88.7	89.5	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 3500	40.1	77.3	84.3	87.4	89.1	89.5	90.3	90.6	90.6	90.7	90.8	90.8	90.8	90.8	90.8	90.8
IV 3000	40.7	78.9	85.9	89.5	91.4	91.8	92.8	93.3	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5
IV 2500	40.8	79.3	86.7	90.3	92.2	92.7	93.7	94.2	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4
IV 2000	41.0	80.2	87.6	91.4	93.4	93.9	94.9	95.4	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7
IV 1800	41.0	80.2	87.6	91.4	93.4	93.9	94.9	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 1500	41.0	80.2	87.6	91.4	93.4	93.9	94.9	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 1200	41.0	80.6	88.1	92.1	94.4	94.9	96.1	96.6	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 1000	41.2	81.0	88.6	92.7	95.0	95.6	96.9	97.5	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9
IV 900	41.2	81.1	88.6	92.8	95.2	95.7	97.1	97.7	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0
IV 800	41.2	81.2	88.9	93.1	95.5	96.1	97.6	98.2	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6
IV 700	41.2	81.3	88.9	93.2	95.8	96.3	97.9	98.6	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1
IV 600	41.2	81.3	88.9	93.2	95.8	96.4	98.0	98.8	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3
IV 500	41.2	81.3	88.9	93.3	95.9	96.5	98.2	99.0	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	41.2	81.3	89.0	93.3	95.9	96.5	98.2	99.1	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	41.2	81.3	89.0	93.4	96.0	96.6	98.3	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	41.2	81.3	89.0	93.4	96.0	96.6	98.3	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	41.2	81.3	89.0	93.4	96.0	96.6	98.3	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	41.2	81.4	89.1	93.4	96.0	96.6	98.3	99.2	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2764

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 STATION ANDREWS AFB WASHINGTON D C 43-72 YEARS JULI

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	25.1	50.7	52.9	54.0	54.4	54.5	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 20000	30.6	61.8	65.6	67.1	67.9	68.2	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7
IV 18000	30.6	61.9	65.7	67.2	68.0	68.3	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 16000	30.6	62.1	65.8	67.4	68.1	68.5	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
IV 14000	30.8	63.1	66.9	68.4	69.2	69.6	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
IV 12000	32.2	67.4	71.7	73.4	74.2	74.6	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 10000	33.6	71.2	76.2	78.2	79.2	79.6	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
IV 9000	33.8	71.9	76.9	78.9	79.9	80.3	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 8000	34.6	73.5	78.9	80.9	82.0	82.4	83.0	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 7000	34.7	74.1	79.6	81.6	82.7	83.1	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IV 6000	35.0	75.1	80.7	82.9	84.1	84.4	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV 5000	35.9	77.1	83.0	85.5	86.7	87.1	87.8	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 4500	36.3	77.9	83.9	86.4	87.6	88.0	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 4000	36.7	79.4	85.6	88.2	89.5	90.0	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 3500	36.8	80.2	86.4	89.1	90.5	90.9	91.8	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
IV 3000	37.0	80.8	87.1	89.9	91.4	91.8	92.8	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 2500	37.1	81.5	87.8	90.6	92.2	92.6	93.6	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 2000	37.2	82.1	88.5	91.4	93.0	93.4	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 1800	37.3	82.3	88.7	91.6	93.2	93.6	94.7	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 1500	37.4	82.8	89.3	92.2	94.0	94.4	95.4	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 1200	37.5	83.1	89.7	92.7	94.6	95.0	96.1	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 1000	37.5	83.4	90.0	93.1	95.0	95.4	96.5	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 900	37.6	83.5	90.2	93.3	95.3	95.7	96.8	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 800	37.6	83.7	90.5	93.6	95.7	96.1	97.3	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 700	37.6	83.8	90.6	93.9	96.0	96.4	97.6	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 600	37.6	83.9	90.8	94.1	96.3	96.7	98.0	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 500	37.6	84.0	91.0	94.4	96.6	97.1	98.4	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 400	37.6	84.1	91.0	94.4	96.7	97.3	98.7	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 300	37.6	84.1	91.0	94.5	96.8	97.3	98.8	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	37.6	84.2	91.1	94.6	96.9	97.4	99.0	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	37.6	84.2	91.1	94.6	97.0	97.5	99.1	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	37.6	84.2	91.1	94.6	97.0	97.5	99.1	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2769

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 ANDREWS AFB WASHINGTON D.C.

43-71

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0	
NO CEILING ≥ 20000	20.3	47.7	51.6	53.9	54.9	55.1	55.7	56.1	56.1	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.3
IV 18000 IV 16000	23.7	57.5	63.0	65.8	67.1	67.3	67.9	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.5	68.5	68.5
IV 14000 IV 12000	24.0	58.1	63.7	66.6	67.9	68.1	68.7	69.1	69.1	69.1	69.1	69.1	69.1	69.2	69.2	69.2	69.3
IV 10000 IV 9000	24.6	59.5	65.3	68.1	69.4	69.7	70.2	70.6	70.7	70.7	70.7	70.7	70.7	70.8	70.8	70.8	70.9
IV 8000 IV 7000	25.7	62.6	68.4	71.6	73.0	73.2	73.8	74.2	74.2	74.2	74.3	74.3	74.3	74.4	74.4	74.4	74.4
IV 6000 IV 5000	27.2	66.8	72.2	76.6	78.0	78.2	78.9	79.3	79.3	79.3	79.3	79.3	79.3	79.4	79.5	79.5	79.5
IV 4500 IV 4000	27.6	67.4	74.9	78.3	79.8	80.1	80.7	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.3	81.3	81.4
IV 3500 IV 3000	27.8	69.5	76.3	79.8	81.3	81.5	82.2	82.5	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.8
IV 2500 IV 2000	27.9	70.3	77.2	80.8	82.4	82.6	83.3	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.9	83.9	84.0
IV 1800 IV 1500	28.3	71.6	78.5	82.2	83.9	84.2	85.0	85.4	85.5	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.7
IV 1200 IV 1000	28.3	72.1	79.0	82.9	84.6	84.9	85.8	86.3	86.3	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.6
IV 900 IV 800	28.5	73.1	80.2	84.2	86.1	86.5	87.4	88.0	88.0	88.0	88.0	88.0	88.0	88.1	88.2	88.2	88.3
IV 700 IV 600	28.6	74.0	81.1	85.3	87.1	87.6	88.5	89.0	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.3
IV 500 IV 400	28.8	74.6	81.9	86.2	88.1	88.5	89.6	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.3	90.3	90.4
IV 300 IV 200	29.0	74.9	82.3	86.6	88.7	89.1	90.2	90.7	90.8	90.8	90.8	90.8	90.8	90.9	90.9	90.9	91.0
IV 1800 IV 1500	29.1	75.5	82.9	87.3	89.5	89.9	91.0	91.6	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.9
IV 1200 IV 1000	29.2	75.6	83.0	87.5	89.7	90.1	91.3	91.9	92.0	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.2
IV 900 IV 800	29.6	76.5	83.9	88.4	90.7	91.1	92.5	93.1	93.1	93.1	93.2	93.2	93.2	93.3	93.3	93.3	93.4
IV 700 IV 600	29.8	76.8	84.3	89.0	91.3	91.7	93.2	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.1	94.1	94.2
IV 500 IV 400	29.8	77.2	84.8	89.5	91.9	92.3	93.8	94.7	94.7	94.8	94.8	94.8	94.8	94.9	94.9	94.9	95.1
IV 300 IV 200	29.8	77.3	84.9	89.6	92.1	92.5	94.0	94.9	94.9	95.0	95.0	95.1	95.1	95.2	95.2	95.2	95.4
IV 1800 IV 1500	29.8	77.5	85.1	89.9	92.4	92.8	94.3	95.2	95.3	95.4	95.4	95.5	95.5	95.6	95.7	95.7	95.8
IV 1200 IV 1000	29.9	77.6	85.3	90.1	92.6	93.1	94.6	95.5	95.6	95.7	95.9	95.9	96.0	96.0	96.0	96.1	96.1
IV 900 IV 800	29.9	77.9	85.6	90.6	93.2	93.7	95.2	96.2	96.3	96.4	96.5	96.5	96.6	96.7	96.7	96.8	96.8
IV 700 IV 600	29.9	78.0	85.7	90.8	93.6	94.2	95.9	97.0	97.1	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.6
IV 500 IV 400	29.9	78.0	85.8	90.9	93.7	94.4	96.1	97.4	97.6	97.7	97.9	97.9	98.0	98.0	98.0	98.1	98.1
IV 300 IV 200	29.9	78.0	85.8	91.0	94.0	94.8	96.6	98.0	98.2	98.4	98.5	98.5	98.6	98.6	98.7	98.7	98.8
IV 1800 IV 1500	29.9	78.0	85.9	91.0	94.1	94.9	96.8	98.4	98.6	98.8	99.1	99.1	99.2	99.2	99.3	99.3	99.4
IV 1200 IV 1000	29.9	78.0	85.9	91.0	94.1	94.9	96.8	98.4	98.6	98.9	99.2	99.3	99.4	99.4	99.5	99.6	99.8
IV 900 IV 800	29.9	78.0	85.9	91.0	94.1	94.9	96.8	98.4	98.6	98.9	99.2	99.3	99.4	99.5	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2692

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 STATION ANDREWS AFB WASHINGTON D C 43-71 YEARS AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.75	≥.5	≥.4	≥0
NO CEILING	14.5	40.2	44.6	47.8	49.8	50.0	51.3	52.1	52.3	52.5	52.8	52.8	53.2	53.2	53.4	53.7
IV 20000	16.4	47.5	53.2	57.4	59.8	60.2	61.7	62.5	62.8	63.1	63.4	63.4	63.8	63.8	64.0	64.3
IV 18000	16.4	47.6	53.3	57.5	59.9	60.3	61.8	62.7	62.9	63.2	63.5	63.5	63.9	63.9	64.1	64.4
IV 16000	16.4	47.8	53.5	57.8	60.2	60.6	62.1	63.0	63.2	63.5	63.8	63.8	64.2	64.2	64.4	64.7
IV 14000	17.0	48.9	54.8	59.1	61.5	61.9	63.5	64.4	64.6	64.9	65.2	65.2	65.6	65.6	65.9	66.1
IV 12000	17.7	52.2	58.5	63.3	66.1	66.5	68.3	69.2	69.5	69.8	70.1	70.1	70.6	70.6	70.8	71.1
IV 10000	18.4	54.9	61.8	66.8	69.8	70.2	72.1	73.0	73.4	73.8	74.1	74.1	74.5	74.6	74.8	75.1
IV 9000	18.7	55.3	62.3	67.4	70.4	70.8	72.7	73.6	74.1	74.4	74.7	74.7	75.2	75.2	75.4	75.7
IV 8000	19.1	57.3	64.5	69.6	72.8	73.2	75.1	76.0	76.4	76.8	77.1	77.1	77.5	77.6	77.8	78.1
IV 7000	19.3	58.2	65.7	71.0	74.1	74.6	76.5	77.5	77.9	78.2	78.6	78.6	79.0	79.1	79.3	79.6
IV 6000	19.5	58.9	66.4	71.9	75.2	75.7	77.6	78.5	79.0	79.3	79.7	79.7	80.1	80.1	80.4	80.7
IV 5000	19.8	60.1	68.0	73.5	76.8	77.3	79.3	80.3	80.7	81.1	81.4	81.4	81.8	81.9	82.1	82.4
IV 4500	19.9	60.4	68.3	73.9	77.4	77.8	79.8	80.8	81.2	81.6	81.9	81.9	82.4	82.4	82.7	83.0
IV 4000	20.0	61.3	69.4	75.2	78.7	79.2	81.2	82.1	82.6	83.0	83.3	83.3	83.7	83.8	84.0	84.3
IV 3500	20.0	61.7	69.9	75.8	79.3	79.8	81.8	82.8	83.2	83.6	83.9	83.9	84.4	84.4	84.7	85.0
IV 3000	20.1	62.1	70.4	76.5	80.0	80.5	82.6	83.5	83.9	84.3	84.7	84.7	85.2	85.2	85.5	85.8
IV 2500	20.4	62.7	71.1	77.5	80.9	81.4	83.5	84.6	85.0	85.4	85.8	85.8	86.2	86.3	86.5	86.8
IV 2000	20.5	63.2	71.8	78.4	82.1	82.6	84.8	85.9	86.3	86.8	87.2	87.2	87.6	87.7	87.9	88.2
IV 1800	20.5	63.3	71.9	78.5	82.2	82.8	84.9	86.0	86.5	86.9	87.3	87.3	87.8	87.8	88.1	88.4
IV 1500	20.6	63.7	72.4	79.1	82.8	83.4	85.7	87.0	87.4	87.9	88.3	88.3	88.8	88.8	89.0	89.4
IV 1200	20.6	64.0	72.8	79.5	83.4	84.0	86.6	87.9	88.3	88.8	89.2	89.2	89.7	89.8	90.0	90.3
IV 1000	20.7	64.3	73.2	80.1	84.0	84.7	87.3	88.5	89.0	89.5	89.9	89.9	90.5	90.5	90.8	91.1
IV 900	20.9	64.8	73.7	80.6	84.7	85.4	88.0	89.3	89.7	90.3	90.8	90.8	91.3	91.3	91.6	91.9
IV 800	20.9	65.0	73.9	80.8	85.0	85.6	88.2	89.5	90.0	90.6	91.1	91.1	91.6	91.6	91.9	92.2
IV 700	20.9	65.1	74.1	81.0	85.2	86.0	88.7	90.1	90.6	91.3	91.7	91.7	92.2	92.3	92.5	92.9
IV 600	20.9	65.3	74.3	81.3	85.6	86.5	89.3	90.8	91.2	91.9	92.4	92.4	93.0	93.0	93.3	93.6
IV 500	21.0	65.4	74.5	81.7	86.4	87.3	90.3	92.1	92.5	93.4	93.8	93.9	94.5	94.5	94.8	95.1
IV 400	21.1	65.6	74.8	82.0	87.0	88.0	91.1	93.1	93.7	94.7	95.2	95.2	95.9	96.0	96.3	96.6
IV 300	21.1	65.6	74.8	82.1	87.3	88.3	91.4	93.6	94.2	95.3	95.9	96.0	96.7	96.7	97.1	97.6
IV 200	21.1	65.6	74.8	82.2	87.4	88.5	91.8	94.1	94.7	95.9	96.7	96.7	97.5	97.6	98.1	98.5
IV 100	21.1	65.6	74.8	82.2	87.4	88.6	91.8	94.1	94.7	96.0	96.8	96.9	97.7	97.7	98.4	99.1
IV 0	21.1	65.6	74.8	82.2	87.4	88.6	91.8	94.2	94.8	96.1	96.9	97.0	97.8	97.9	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS

2694

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 STATION ANDREWS AFB WASHINGTON D C 43-71 YEARS AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-0800
COURS 1-51

CEILING FEET	VISIBILITY /STATUTE MILES.															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.5	≥.5	≥.5	≥0	
NO CEILING	12.8	29.8	34.0	38.4	41.7	43.3	45.0	45.5	45.6	46.2	46.5	46.5	46.7	46.7	46.8	46.9
≥ 20000	16.0	37.8	43.7	49.5	53.6	55.4	57.7	58.4	58.6	59.3	59.6	59.7	59.9	59.9	60.0	60.2
IV 18000	16.3	38.1	44.0	49.9	53.9	55.8	58.1	58.8	59.0	59.7	60.0	60.1	60.3	60.3	60.5	60.6
IV 16000	16.4	38.4	44.3	50.2	54.2	56.1	58.4	59.2	59.3	60.0	60.4	60.4	60.7	60.7	60.8	60.9
IV 14000	16.7	39.7	45.8	52.0	56.0	57.9	60.2	60.9	61.1	61.8	62.2	62.2	62.5	62.5	62.6	62.7
IV 12000	17.3	42.3	49.0	55.6	60.2	62.2	64.8	65.6	65.8	66.6	66.9	66.9	67.2	67.2	67.3	67.5
IV 10000	17.7	44.4	51.4	58.8	63.5	65.7	68.4	69.3	69.5	70.4	70.7	70.8	71.1	71.1	71.2	71.4
IV 9000	17.8	44.7	51.8	59.4	64.4	66.6	69.4	70.3	70.5	71.4	71.7	71.8	72.1	72.1	72.2	72.4
IV 8000	18.4	46.7	54.2	62.1	67.3	69.5	72.4	73.4	73.6	74.5	74.8	74.9	75.2	75.2	75.3	75.5
IV 7000	18.6	47.3	55.1	63.3	68.7	71.0	73.9	74.9	75.1	76.0	76.4	76.4	76.7	76.7	76.9	77.0
IV 6000	18.7	47.7	55.7	64.2	69.7	72.1	75.0	76.1	76.3	77.3	77.6	77.7	78.0	78.0	78.1	78.3
IV 5000	19.0	48.4	56.5	65.1	70.8	73.2	76.3	77.4	77.6	78.6	78.9	79.0	79.3	79.3	79.4	79.6
IV 4500	19.1	48.6	56.8	65.6	71.2	73.7	76.7	77.9	78.1	79.0	79.4	79.4	79.7	79.7	79.8	80.0
IV 4000	19.1	49.0	57.4	66.2	71.9	74.4	77.4	78.6	78.9	79.8	80.2	80.2	80.5	80.5	80.6	80.8
IV 3500	19.2	49.4	57.8	66.7	72.5	75.0	78.0	79.3	79.5	80.5	80.8	80.9	81.2	81.2	81.3	81.5
IV 3000	19.3	49.9	58.3	67.6	73.6	76.0	79.2	80.3	80.7	81.7	82.1	82.1	82.4	82.4	82.5	82.7
IV 2500	19.4	50.0	58.5	67.8	73.9	76.4	79.6	81.0	81.2	82.2	82.6	82.6	82.9	82.9	83.0	83.2
IV 2000	19.4	50.4	59.0	68.1	74.6	77.3	80.5	82.1	82.3	83.3	83.7	83.8	84.2	84.2	84.3	84.5
IV 1800	19.6	50.4	59.0	68.1	74.7	77.4	80.7	82.2	82.4	83.5	83.9	83.9	84.3	84.3	84.4	84.6
IV 1500	19.6	50.8	59.4	68.5	75.2	77.9	81.3	82.8	83.0	84.1	84.6	84.6	85.0	85.0	85.1	85.3
IV 1200	19.7	51.4	60.2	69.7	76.2	79.0	82.5	84.1	84.4	85.5	86.0	86.0	86.4	86.4	86.5	86.7
IV 1000	19.8	51.8	61.0	70.6	77.2	80.0	83.7	85.4	85.7	86.9	87.4	87.5	88.0	88.0	88.1	88.3
IV 900	19.8	52.1	61.2	71.0	77.6	80.6	84.3	86.0	86.2	87.5	88.1	88.1	88.6	88.6	88.7	89.0
IV 800	19.9	52.4	61.8	71.8	78.6	81.5	85.4	87.2	87.5	88.9	89.6	89.6	90.1	90.1	90.2	90.4
IV 700	20.0	52.8	62.4	72.6	79.6	82.6	86.7	88.7	89.0	90.5	91.3	91.3	91.8	91.8	91.9	92.2
IV 600	20.0	52.9	62.5	72.9	80.1	83.2	87.5	89.6	89.9	91.6	92.4	92.4	93.0	93.0	93.1	93.3
IV 500	20.0	53.0	62.7	73.2	80.7	83.9	88.5	90.9	91.3	93.2	94.1	94.1	94.7	94.7	94.9	95.1
IV 400	20.0	53.1	62.9	73.5	81.1	84.5	89.2	91.8	92.3	94.8	95.5	95.5	96.2	96.2	96.3	96.5
IV 300	20.0	53.2	63.0	73.6	81.3	84.6	89.6	92.6	93.2	95.6	96.6	96.7	97.4	97.4	97.7	97.9
IV 200	20.0	53.2	63.0	73.6	81.3	84.7	89.6	92.7	93.4	95.9	97.1	97.2	98.1	98.1	98.5	98.8
IV 100	20.0	53.2	63.0	73.6	81.3	84.7	89.6	92.7	93.4	95.9	97.1	97.2	98.1	98.1	98.6	99.3
IV 0	20.0	53.2	63.0	73.6	81.3	84.7	89.6	92.7	93.4	95.9	97.1	97.2	98.1	98.2	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS

2683

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 ANDREWS AFB WASHINGTON D C 43-71 YEARS AUG MONTH
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) 0900-1100

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.2	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ 0	
NO CEILING	19.1	38.9	43.0	45.5	47.0	47.3	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 20000	25.0	50.8	56.0	59.4	61.0	61.4	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
IV 18000	25.1	50.9	56.2	59.6	61.3	61.7	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
IV 16000	25.3	51.2	56.6	60.0	61.7	62.1	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
IV 14000	25.7	52.3	57.8	61.3	63.0	63.4	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
IV 12000	26.7	55.0	60.6	64.7	66.6	67.1	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
IV 10000	27.1	57.4	63.6	68.2	70.1	70.6	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
IV 9000	27.3	57.7	64.1	68.8	70.8	71.3	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
IV 8000	27.6	59.5	66.1	70.9	73.1	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IV 7000	27.7	60.0	66.7	71.5	73.7	74.3	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
IV 6000	27.8	60.4	67.1	72.0	74.2	74.9	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
IV 5000	28.0	61.1	68.0	73.0	75.5	76.2	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 4500	28.1	61.5	68.5	73.6	76.0	76.8	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV 4000	28.6	62.4	69.5	74.6	77.1	77.9	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 3500	29.0	63.2	70.3	75.5	77.9	78.8	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV 3000	29.3	64.1	71.3	76.6	79.2	80.0	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
IV 2500	29.9	65.2	72.7	78.1	80.8	81.7	82.6	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 2000	30.6	67.4	74.9	80.4	83.2	84.1	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 1800	30.8	67.7	75.2	80.8	83.6	84.6	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 1500	31.1	69.1	77.0	82.7	85.9	86.9	87.9	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 1200	31.3	70.0	78.2	84.5	88.0	89.1	90.2	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 1000	31.7	71.2	79.8	86.4	90.1	91.2	92.5	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 900	31.7	71.4	80.1	86.9	90.8	91.9	93.1	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 800	31.7	71.4	80.6	87.5	91.6	92.9	94.2	94.9	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.2
IV 700	31.8	72.0	81.0	87.9	92.2	93.5	94.9	95.8	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 600	31.8	72.4	81.4	88.5	92.9	94.4	95.8	96.9	97.0	97.3	97.4	97.4	97.4	97.4	97.4	97.4
IV 500	31.8	72.6	81.7	88.8	93.7	95.2	96.9	98.0	98.1	98.5	98.6	98.6	98.6	98.6	98.6	98.6
IV 400	31.8	72.6	81.8	89.0	93.9	95.7	97.4	98.5	98.7	99.2	99.4	99.5	99.5	99.5	99.5	99.5
IV 300	31.8	72.6	81.8	89.0	94.0	95.8	97.5	98.7	98.9	99.4	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	31.8	72.6	81.8	89.0	94.0	95.8	97.5	98.7	98.9	99.4	99.7	99.7	99.7	99.7	99.7	99.7
IV 100	31.8	72.6	81.8	89.0	94.0	95.8	97.5	98.7	98.9	99.4	99.7	99.7	99.7	99.7	99.7	99.7
IV 0	31.8	72.7	81.8	89.0	94.1	95.8	97.5	98.8	99.0	99.5	99.7	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2693

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 STATION ANDREWS AFB WASHINGTON D C 43-71 YEARS MONTH AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	½	≥¼	≥1/16	≥.	≥0
NO CEILING	20.9	38.2	40.2	41.7	42.4	42.4	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 20000	27.7	50.5	53.4	55.5	56.3	56.3	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
IV 18000	27.8	50.8	53.7	55.9	56.6	56.7	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
IV 16000	28.0	51.2	54.2	56.3	57.1	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
IV 14000	29.1	53.0	56.2	58.4	59.3	59.3	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
IV 12000	30.9	56.0	59.9	62.4	63.3	63.4	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
IV 10000	32.3	59.6	63.9	66.7	67.7	67.7	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IV 9000	32.4	59.8	64.2	67.0	68.0	68.1	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
IV 8000	32.6	61.4	66.1	69.1	70.1	70.2	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
IV 7000	32.7	61.7	66.5	69.6	70.9	70.9	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
IV 6000	32.9	62.3	67.3	70.4	71.8	71.8	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
IV 5000	33.7	64.0	69.1	72.4	73.7	73.9	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IV 4500	34.1	64.9	70.0	73.3	74.7	74.9	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
IV 4000	35.6	67.8	73.3	76.8	78.3	78.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 3500	36.7	69.6	75.1	79.0	80.5	80.7	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 3000	38.6	73.8	79.6	83.6	85.5	85.6	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.1
IV 2500	39.7	76.6	82.6	86.8	88.7	88.9	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.5
IV 2000	40.9	79.1	85.6	89.6	91.6	91.9	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 1800	40.7	79.3	85.6	89.8	91.8	92.1	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 1500	41.1	80.6	87.2	91.7	93.8	94.2	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 1200	41.4	81.3	87.9	92.6	95.0	95.5	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.4
IV 1000	41.5	81.7	88.4	93.2	95.6	96.2	96.9	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.4	97.4
IV 900	41.5	81.9	88.5	93.4	95.7	96.4	97.2	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6
IV 800	41.6	81.9	88.6	93.5	96.0	96.6	97.5	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.2	98.2
IV 700	41.6	81.9	88.7	93.7	96.2	96.9	97.9	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.6	98.6
IV 600	41.6	81.9	88.7	93.8	96.4	97.2	98.2	98.7	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0
IV 500	41.6	81.9	88.7	93.8	96.5	97.3	98.5	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 400	41.6	81.9	88.7	93.8	96.6	97.4	98.7	99.3	99.4	99.7	99.8	99.8	99.8	99.8	99.9	99.9
IV 300	41.6	81.9	88.7	93.8	96.6	97.4	98.7	99.3	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0
IV 200	41.6	81.9	88.7	93.8	96.6	97.4	98.7	99.3	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0
IV 100	41.6	81.9	88.7	93.8	96.6	97.4	98.7	99.3	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0
IV 0	41.6	81.9	88.7	93.8	96.6	97.4	98.7	99.3	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2680

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 ANDREWS AFB WASHINGTON D C 43-71 YEARS AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.25	≥.2	≥.15	≥.1
NO CEILING	25.3	43.0	45.0	46.7	47.1	47.2	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 20000	33.7	57.3	60.3	62.4	62.9	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
IV 18000	33.9	57.7	60.7	62.8	63.3	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
IV 16000	34.2	58.2	61.3	63.5	64.0	64.0	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
IV 14000	35.4	60.2	63.6	66.0	66.5	66.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
IV 12000	37.4	64.0	67.8	70.3	70.9	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
IV 10000	38.7	68.2	72.2	74.8	75.5	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.9
IV 9000	38.8	68.9	72.9	75.6	76.3	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 8000	39.3	71.0	75.3	78.2	78.9	79.0	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
IV 7000	39.5	71.5	76.0	79.0	79.7	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IV 6000	39.7	72.5	77.1	80.1	80.9	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 5000	40.4	73.8	78.6	81.7	82.5	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.0
IV 4500	40.9	75.1	79.8	82.9	83.7	83.9	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 4000	41.6	76.9	82.0	85.3	86.2	86.4	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 3500	42.0	77.9	83.3	86.7	87.7	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3
IV 3000	43.0	80.3	85.9	89.6	90.8	91.0	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.5
IV 2500	43.5	81.7	87.4	91.4	92.7	92.9	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5
IV 2000	43.8	83.0	88.7	92.9	94.3	94.6	95.0	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.3
IV 1800	43.8	83.0	88.8	93.0	94.4	94.6	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3
IV 1500	44.1	83.7	89.5	93.9	95.4	95.6	96.2	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.5	96.5
IV 1200	44.2	84.2	90.0	94.5	96.1	96.4	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4
IV 1000	44.2	84.3	90.2	94.7	96.4	96.8	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8
IV 900	44.3	84.3	90.2	94.8	96.5	96.9	97.6	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	98.0
IV 800	44.3	84.3	90.2	94.8	96.6	97.1	97.9	98.1	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.5
IV 700	44.3	84.3	90.3	94.9	96.7	97.2	98.0	98.3	98.4	98.5	98.5	98.5	98.5	98.6	98.6	98.6
IV 600	44.3	84.3	90.3	95.0	96.8	97.3	98.2	98.5	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.9
IV 500	44.3	84.3	90.3	95.1	96.9	97.4	98.3	98.8	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.3
IV 400	44.3	84.4	90.4	95.2	97.0	97.5	98.5	99.0	99.2	99.4	99.5	99.5	99.5	99.6	99.6	99.7
IV 300	44.3	84.4	90.4	95.2	97.0	97.5	98.5	99.1	99.3	99.5	99.7	99.7	99.7	99.8	99.8	99.9
IV 200	44.3	84.4	90.4	95.2	97.0	97.5	98.5	99.1	99.3	99.6	99.8	99.8	99.8	99.9	99.9	100.0
IV 100	44.3	84.4	90.4	95.2	97.0	97.5	98.5	99.1	99.3	99.6	99.8	99.8	99.8	99.9	99.9	100.0
IV 0	44.3	84.4	90.4	95.2	97.0	97.5	98.5	99.1	99.3	99.6	99.8	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2695

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 STATION ANDREWS AFB WASHINGTON D.C.

43-71 YEARS

AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1400-2000 HOURS LT

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	25.2	44.2	46.7	49.6	50.3	50.4	50.6	50.6	50.6	50.6	50.6	50.7	50.7	50.7	50.7	50.7
≥ 20000	32.4	58.7	62.2	65.9	66.9	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
IV 18000	32.5	58.8	62.4	66.1	67.1	67.3	67.5	67.5	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6
IV 16000	32.8	59.4	63.0	66.7	67.7	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
IV 14000	33.9	61.6	65.2	69.0	70.1	70.3	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
IV 12000	35.7	65.4	69.5	73.9	75.3	75.5	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
IV 10000	36.7	69.2	73.5	78.3	79.8	80.0	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
IV 9000	37.1	70.3	74.6	79.4	81.0	81.2	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7
IV 8000	37.7	72.2	76.7	81.6	83.2	83.3	83.7	83.8	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9
IV 7000	37.8	72.9	77.6	82.6	84.3	84.5	84.9	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2
IV 6000	38.1	73.4	78.3	83.5	85.2	85.4	85.8	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 5000	38.4	74.8	79.7	85.0	86.8	87.0	87.4	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 4500	38.7	75.4	80.4	85.8	87.5	87.7	88.2	88.4	88.4	88.4	88.5	88.5	88.5	88.6	88.6	88.6
IV 4000	38.9	76.7	82.1	87.5	89.4	89.6	90.1	90.3	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.5
IV 3500	39.3	77.5	83.0	88.5	90.4	90.6	91.2	91.4	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6
IV 3000	39.6	78.7	84.5	90.0	92.0	92.2	92.6	93.0	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2
IV 2500	39.8	79.4	85.4	91.0	93.1	93.3	93.8	94.1	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3
IV 2000	40.0	80.0	86.1	91.9	94.2	94.4	95.0	95.2	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5
IV 1800	40.0	80.2	86.3	92.2	94.5	94.7	95.4	95.6	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8
IV 1500	40.1	80.5	86.7	92.6	95.0	95.2	95.9	96.1	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4
IV 1200	40.2	80.8	87.0	93.0	95.5	95.7	96.4	96.7	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0
IV 1000	40.3	81.0	87.2	93.3	95.9	96.1	96.8	97.1	97.2	97.4	97.4	97.4	97.5	97.5	97.5	97.5
IV 900	40.3	81.0	87.2	93.4	96.0	96.2	97.1	97.4	97.5	97.7	97.7	97.7	97.7	97.8	97.8	97.8
IV 800	40.3	81.0	87.3	93.5	96.3	96.5	97.5	97.8	97.9	98.1	98.2	98.2	98.3	98.3	98.3	98.3
IV 700	40.3	81.0	87.3	93.5	96.3	96.5	97.5	97.8	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3
IV 600	40.3	81.0	87.4	93.6	96.4	96.7	97.8	98.1	98.3	98.6	98.7	98.7	98.7	98.8	98.8	98.8
IV 500	40.3	81.1	87.5	93.9	96.7	97.0	98.1	98.5	98.6	98.9	99.0	99.0	99.1	99.1	99.1	99.1
IV 400	40.3	81.2	87.6	94.0	97.0	97.2	98.3	98.8	99.0	99.3	99.4	99.4	99.4	99.5	99.5	99.5
IV 300	40.3	81.2	87.6	94.0	97.0	97.3	98.4	99.0	99.3	99.6	99.8	99.8	99.8	99.9	99.9	99.9
IV 200	40.3	81.2	87.6	94.0	97.1	97.3	98.4	99.1	99.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0
IV 100	40.3	81.2	87.6	94.0	97.1	97.3	98.4	99.1	99.3	99.7	99.9	99.9	99.9	100.0	100.0	100.0
IV 0	40.3	81.2	87.6	94.0	97.1	97.3	98.4	99.1	99.3	99.7	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2690

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 ANDREWS AFB WASHINGTON D C

43-71

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.4	≥.4	≥.4	≥.4	≥0
NO CEILING	24.2	49.3	52.1	54.2	54.8	54.9	55.0	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 20000	30.0	61.5	65.7	68.4	69.2	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
IV 18000	30.1	61.8	65.9	68.7	69.6	69.7	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
IV 16000	30.4	62.4	66.7	69.4	70.3	70.4	70.5	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
IV 14000	31.1	63.9	68.2	71.0	71.8	71.9	72.0	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
IV 12000	31.9	66.6	71.4	74.4	75.4	75.5	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
IV 10000	33.7	70.8	75.9	79.2	80.2	80.3	80.6	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IV 9000	34.2	71.7	76.9	80.3	81.3	81.4	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.1
IV 8000	34.8	73.4	78.7	82.1	83.2	83.3	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.0
IV 7000	35.2	74.8	80.2	83.6	84.8	84.9	85.3	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.6	85.6
IV 6000	35.2	75.5	81.0	84.6	85.7	85.8	86.3	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.6	86.6
IV 5000	35.5	76.6	82.2	85.9	87.2	87.3	87.8	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 4500	35.6	77.0	82.6	86.4	87.7	87.8	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.6	88.6
IV 4000	35.8	77.9	83.6	87.6	89.1	89.2	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.1
IV 3500	36.0	78.5	84.5	88.5	90.0	90.1	90.7	90.8	90.9	90.9	90.9	90.9	90.9	90.9	91.0	91.0
IV 3000	36.2	79.4	85.5	89.6	91.1	91.2	91.9	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.3	92.3
IV 2500	36.4	79.9	86.1	90.2	91.8	92.0	92.8	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.2	93.2
IV 2000	36.6	80.7	87.1	91.4	93.1	93.4	94.2	94.4	94.4	94.6	94.6	94.6	94.6	94.7	94.7	94.7
IV 1800	36.7	80.8	87.2	91.6	93.4	93.7	94.5	94.7	94.8	94.9	94.9	94.9	94.9	95.0	95.0	95.0
IV 1500	36.9	81.2	87.8	92.2	94.0	94.3	95.1	95.4	95.4	95.6	95.6	95.6	95.6	95.7	95.7	95.7
IV 1200	36.9	81.6	88.2	92.7	94.6	94.9	95.8	96.1	96.1	96.3	96.3	96.3	96.3	96.4	96.4	96.4
IV 1000	37.1	82.0	88.7	93.2	95.2	95.4	96.5	96.8	96.9	97.1	97.1	97.1	97.1	97.2	97.2	97.2
IV 900	37.1	82.0	88.8	93.2	95.2	95.5	96.6	96.9	97.0	97.3	97.3	97.3	97.3	97.3	97.4	97.4
IV 800	37.1	82.2	88.9	93.5	95.4	95.7	96.8	97.2	97.3	97.5	97.5	97.5	97.5	97.6	97.6	97.6
IV 700	37.1	82.2	88.9	93.5	95.5	95.9	97.1	97.4	97.5	97.7	97.7	97.7	97.7	97.8	97.8	97.8
IV 600	37.1	82.3	89.0	93.7	95.8	96.1	97.3	97.7	97.8	98.1	98.1	98.1	98.1	98.1	98.2	98.2
IV 500	37.1	82.3	89.0	93.8	96.0	96.3	97.6	98.0	98.1	98.3	98.3	98.3	98.3	98.4	98.4	98.4
IV 400	37.1	82.5	89.3	94.1	96.3	96.7	98.1	98.6	98.7	98.9	98.9	98.9	98.9	99.0	99.0	99.0
IV 300	37.1	82.6	89.4	94.3	96.5	96.9	98.4	98.9	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4
IV 200	37.1	82.6	89.4	94.4	96.5	97.0	98.6	99.3	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.8
IV 100	37.1	82.6	89.4	94.4	96.5	97.0	98.6	99.3	99.4	99.7	99.7	99.7	99.7	99.9	99.9	99.9
IV 0	37.1	82.6	89.4	94.4	96.5	97.0	98.6	99.3	99.4	99.7	99.7	99.7	99.7	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

2696

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 ANDREWS AFB WASHINGTON D C 43-71 YEARS SEP
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) 0000-0200

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥0	
NO CEILING	29.7	32.2	34.1	35.2	35.8	35.9	36.5	36.9	36.9	36.9	36.9	36.9	36.9	37.1	37.1	37.1	37.2
≥ 20000	32.8	60.2	62.8	64.2	65.0	65.2	65.8	66.2	66.2	66.2	66.2	66.2	66.2	66.5	66.5	66.5	66.5
≥ 18000	32.8	60.2	62.9	64.2	65.1	65.2	65.8	66.3	66.3	66.3	66.3	66.3	66.3	66.5	66.5	66.5	66.5
≥ 16000	32.9	60.5	63.1	64.5	65.3	65.4	66.1	66.5	66.5	66.5	66.5	66.5	66.5	66.7	66.7	66.7	66.8
≥ 14000	33.5	61.4	64.1	65.6	66.5	66.6	67.2	67.7	67.7	67.7	67.7	67.7	67.7	67.9	67.9	67.9	67.9
≥ 12000	34.5	63.7	66.5	68.1	69.0	69.1	69.7	70.1	70.1	70.1	70.1	70.1	70.1	70.4	70.4	70.4	70.4
≥ 10000	35.5	66.7	69.6	71.3	72.3	72.4	73.1	73.5	73.5	73.5	73.5	73.5	73.5	73.8	73.8	73.8	73.8
≥ 9000	35.9	67.5	70.5	72.3	73.2	73.4	74.1	74.6	74.6	74.6	74.6	74.6	74.6	74.8	74.8	74.8	74.8
≥ 8000	36.4	69.1	72.2	74.1	75.1	75.3	76.1	76.5	76.5	76.5	76.5	76.5	76.5	76.7	76.7	76.7	76.8
≥ 7000	36.9	70.6	73.8	75.6	76.7	76.9	77.7	78.2	78.2	78.2	78.2	78.2	78.2	78.4	78.4	78.4	78.4
≥ 6000	37.2	71.8	75.1	77.0	78.1	78.3	79.1	79.5	79.5	79.5	79.5	79.5	79.5	79.8	79.8	79.8	79.8
≥ 5000	38.0	73.6	77.3	79.2	80.4	80.5	81.4	81.8	81.8	81.8	81.8	81.8	81.8	82.0	82.0	82.0	82.1
≥ 4500	38.1	74.6	78.5	80.4	81.5	81.7	82.6	83.1	83.1	83.1	83.1	83.1	83.1	83.3	83.3	83.3	83.3
≥ 4000	38.4	75.7	79.8	81.8	82.9	83.2	84.1	84.6	84.6	84.6	84.6	84.6	84.6	84.8	84.8	84.8	84.8
≥ 3500	38.5	76.0	80.1	82.2	83.4	83.6	84.6	85.0	85.0	85.0	85.0	85.0	85.0	85.3	85.3	85.3	85.3
≥ 3000	38.8	77.1	81.3	83.4	84.6	84.8	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.5	86.5	86.5	86.6
≥ 2500	38.9	77.8	82.1	84.2	85.5	85.8	86.8	87.2	87.2	87.2	87.2	87.2	87.2	87.5	87.5	87.5	87.6
≥ 2000	39.0	78.5	82.7	84.9	86.3	86.5	87.6	88.1	88.1	88.1	88.1	88.1	88.1	88.3	88.3	88.4	88.4
≥ 1800	39.0	78.5	82.7	84.9	86.3	86.5	87.6	88.1	88.1	88.1	88.1	88.1	88.1	88.3	88.3	88.4	88.4
≥ 1500	39.1	78.9	83.3	85.7	87.1	87.4	88.5	89.0	89.1	89.1	89.1	89.1	89.1	89.3	89.3	89.4	89.4
≥ 1200	39.1	79.2	83.7	86.3	87.8	88.1	89.4	89.9	89.9	89.9	90.0	90.0	90.0	90.2	90.2	90.3	90.4
≥ 1000	39.1	79.5	84.0	86.7	88.3	88.7	90.1	90.7	90.8	91.1	91.1	91.1	91.1	91.3	91.3	91.4	91.5
≥ 900	39.1	79.5	84.2	86.9	88.6	88.9	90.3	90.9	91.1	91.4	91.4	91.4	91.4	91.6	91.6	91.7	91.8
≥ 800	39.1	79.7	84.4	87.2	88.9	89.3	90.8	91.4	91.6	92.0	92.0	92.0	92.0	92.2	92.2	92.3	92.4
≥ 700	39.1	79.7	84.6	87.5	89.5	89.9	91.4	92.2	92.3	92.7	92.8	92.8	92.8	93.0	93.0	93.1	93.2
≥ 600	39.2	80.0	85.0	88.0	90.2	90.7	92.3	93.3	93.4	93.9	94.0	94.0	94.0	94.2	94.2	94.3	94.4
≥ 500	39.2	80.1	85.2	88.3	90.8	91.4	93.2	94.3	94.5	95.0	95.1	95.1	95.1	95.3	95.3	95.4	95.5
≥ 400	39.2	80.4	85.5	88.8	91.3	92.1	94.1	95.4	95.6	96.2	96.3	96.3	96.3	96.5	96.5	96.7	96.7
≥ 300	39.2	80.4	85.6	88.9	91.7	92.4	94.6	96.2	96.4	97.2	97.4	97.4	97.4	97.6	97.6	97.7	97.9
≥ 200	39.2	80.4	85.6	88.9	91.7	92.4	94.6	96.4	96.7	97.7	98.0	98.0	98.0	98.2	98.2	98.4	98.5
≥ 100	39.2	80.4	85.6	88.9	91.7	92.5	94.7	96.5	96.9	98.0	98.3	98.3	98.3	98.6	98.6	99.1	99.3
≥ 0	39.2	80.4	85.6	88.9	91.7	92.5	94.7	96.5	96.9	98.0	98.4	98.4	98.4	98.7	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 2606

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 ANDREWS AFB WASHINGTON D C

43-71

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1	≥1/4	≥1/8	≥1/16	≥1/32	≥1/64	≥0
NO CEILING ≥ 20000	23.3	47.1	50.0	51.9	53.1	53.2	53.3	53.7	53.7	53.8	54.0	54.0	54.2	54.3	54.5	54.9
IV 18000	25.1	53.0	56.8	59.4	61.0	61.3	61.5	61.8	61.9	62.1	62.2	62.2	62.6	62.7	63.0	63.4
IV 16000	25.2	53.4	57.2	59.8	61.5	61.7	61.9	62.3	62.4	62.5	62.7	62.7	63.1	63.1	63.4	63.9
IV 14000	25.6	54.1	58.0	60.8	62.5	62.8	63.0	63.4	63.5	63.6	63.8	63.8	64.1	64.2	64.5	65.0
IV 12000	26.2	55.7	59.8	62.7	64.8	65.0	65.3	65.8	65.9	66.1	66.2	66.2	66.6	66.7	66.9	67.4
IV 10000	26.9	58.7	63.1	66.2	68.4	68.6	68.9	69.4	69.5	69.7	69.8	69.8	70.2	70.3	70.6	71.1
IV 9000	27.2	59.2	63.7	66.8	69.0	69.3	69.6	70.1	70.2	70.4	70.6	70.6	71.0	71.1	71.3	71.8
IV 8000	27.6	60.5	65.1	68.3	70.6	70.8	71.1	71.7	71.8	72.0	72.2	72.2	72.6	72.7	72.9	73.4
IV 7000	27.8	61.6	66.4	69.5	71.9	72.2	72.6	73.2	73.3	73.5	73.6	73.6	74.0	74.1	74.4	74.9
IV 6000	28.1	63.0	67.9	71.1	73.5	73.8	74.1	74.7	74.9	75.0	75.2	75.2	75.6	75.7	76.0	76.4
IV 5000	28.4	64.6	69.9	72.0	75.6	75.9	76.2	76.8	76.9	77.1	77.3	77.3	77.7	77.8	78.0	78.5
IV 4500	28.6	65.2	70.5	73.6	76.2	76.5	76.8	77.4	77.5	77.7	77.9	77.9	78.3	78.4	78.7	79.2
IV 4000	28.8	65.8	71.2	74.3	76.9	77.3	77.6	78.3	78.4	78.6	78.7	78.7	79.2	79.2	79.5	80.0
IV 3500	28.9	66.3	71.7	74.9	77.7	78.1	78.4	79.1	79.2	79.4	79.5	79.5	80.0	80.0	80.3	80.8
IV 3000	29.1	67.4	72.8	76.0	78.9	79.3	79.7	80.3	80.5	80.7	80.8	80.8	81.3	81.3	81.6	82.1
IV 2500	29.4	68.4	73.9	77.3	80.3	80.7	81.0	81.7	81.8	82.1	82.2	82.2	82.6	82.7	83.0	83.5
IV 2000	29.4	69.0	74.6	78.1	81.2	81.6	81.9	82.6	82.8	83.0	83.2	83.2	83.7	83.8	84.1	84.6
IV 1800	29.4	69.2	74.8	78.3	81.4	81.8	82.2	82.9	83.0	83.3	83.5	83.5	84.0	84.1	84.4	84.9
IV 1500	29.6	70.0	75.7	79.3	82.4	82.9	83.3	84.1	84.2	84.5	84.6	84.6	85.2	85.3	85.6	86.1
IV 1200	29.6	70.3	76.2	79.8	82.9	83.6	84.0	84.9	85.0	85.3	85.5	85.5	86.1	86.2	86.5	87.0
IV 1000	29.7	70.6	76.7	80.5	83.6	84.3	84.8	85.6	85.8	86.1	86.3	86.3	86.9	87.0	87.3	87.8
IV 900	29.8	70.8	76.9	80.9	84.3	85.0	85.6	86.5	86.7	87.0	87.1	87.1	87.8	87.9	88.2	88.7
IV 800	29.8	70.9	77.1	81.1	84.6	85.4	86.0	86.9	87.2	87.6	87.8	87.8	88.4	88.5	88.8	89.3
IV 700	29.8	71.2	77.5	81.8	85.3	86.2	86.9	88.1	88.3	88.8	88.9	88.9	89.6	89.7	90.0	90.5
IV 600	29.8	71.6	78.0	82.6	86.6	87.3	88.2	89.3	89.9	90.4	90.6	90.6	91.2	91.3	91.6	92.1
IV 500	29.8	71.7	78.1	83.0	87.0	87.9	89.1	90.4	90.8	91.4	91.7	91.7	92.4	92.5	92.8	93.4
IV 400	29.8	71.7	78.3	83.3	87.6	88.8	90.0	91.7	92.2	93.0	93.3	93.3	94.0	94.1	94.5	95.2
IV 300	29.8	71.8	78.4	83.5	87.8	89.1	90.4	92.4	92.9	93.9	94.3	94.3	95.0	95.1	95.5	96.2
IV 200	29.8	71.8	78.4	83.5	88.0	89.3	90.7	92.8	93.4	94.6	95.1	95.1	95.9	96.0	96.5	97.1
IV 100	29.8	71.8	78.4	83.5	88.1	89.4	90.8	93.0	93.6	95.0	95.7	95.7	96.7	96.9	97.5	98.5
IV 0	29.8	71.8	78.4	83.5	88.1	89.4	90.8	93.0	93.6	95.0	95.7	95.7	96.7	96.9	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS

2505

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13703 ANDREWS AFB WASHINGTON D.C. 43-71 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ .05	≥ 0
NO CEILING	16.9	36.1	39.8	43.0	45.3	46.2	46.9	47.5	47.7	47.8	47.9	47.9	48.1	48.1	48.1	48.5
≥ 20000	19.0	42.3	47.3	51.4	54.6	55.7	56.9	57.5	57.8	58.0	58.1	58.1	58.2	58.3	58.4	58.8
≥ 18000	19.0	42.4	47.4	51.5	54.7	55.8	57.0	57.7	57.9	58.1	58.2	58.2	58.4	58.4	58.5	58.9
≥ 16000	19.1	42.5	47.6	51.7	54.9	56.1	57.2	57.9	58.1	58.4	58.5	58.5	58.6	58.7	58.8	59.2
≥ 14000	19.3	43.3	48.5	52.7	56.0	57.2	58.4	59.0	59.3	59.5	59.7	59.7	59.8	59.9	60.0	60.4
≥ 12000	20.2	45.2	50.6	54.9	58.2	59.4	60.8	61.5	61.7	62.0	62.1	62.1	62.2	62.3	62.4	62.8
≥ 10000	21.4	47.6	53.3	57.9	61.5	62.8	64.3	65.0	65.3	65.6	65.7	65.7	65.9	66.0	66.1	66.5
≥ 9000	21.5	48.2	54.0	58.8	62.4	63.7	65.3	66.0	66.3	66.6	66.7	66.7	67.0	67.0	67.2	67.6
≥ 8000	22.2	49.9	56.1	61.0	64.9	66.3	68.1	68.8	69.1	69.5	69.7	69.7	69.9	70.0	70.1	70.5
≥ 7000	22.4	50.9	57.2	62.1	66.4	67.8	69.7	70.6	70.9	71.3	71.5	71.5	71.7	71.8	71.9	72.3
≥ 6000	22.6	51.7	58.1	63.1	67.4	68.8	70.7	71.6	71.9	72.3	72.5	72.5	72.7	72.8	72.9	73.3
≥ 5000	22.7	52.8	59.2	64.5	68.9	70.3	72.3	73.2	73.5	73.9	74.1	74.1	74.4	74.4	74.6	75.0
≥ 4500	22.9	53.2	59.7	65.2	69.6	71.0	73.1	74.0	74.3	74.6	74.9	74.9	75.1	75.1	75.3	75.7
≥ 4000	23.1	53.9	60.5	66.2	70.8	72.3	74.5	75.4	75.7	76.1	76.4	76.4	76.6	76.7	76.8	77.3
≥ 3500	23.2	54.5	61.0	66.8	71.6	73.1	75.3	76.3	76.6	77.0	77.3	77.3	77.5	77.6	77.7	78.1
≥ 3000	23.4	55.1	61.7	67.5	72.5	74.1	76.3	77.4	77.7	78.2	78.5	78.5	78.7	78.8	78.9	79.2
≥ 2500	23.6	55.5	62.3	68.2	73.1	74.8	77.1	78.2	78.6	79.1	79.4	79.4	79.6	79.6	79.8	80.2
≥ 2000	23.8	56.3	63.3	69.3	74.4	76.0	78.4	79.2	79.9	80.4	80.8	80.8	81.1	81.1	81.3	81.7
≥ 1800	23.8	56.4	63.5	69.4	74.7	76.3	78.7	79.8	80.2	80.8	81.2	81.2	81.4	81.4	81.6	82.0
≥ 1500	23.9	57.3	64.5	70.5	75.9	77.7	80.2	81.3	81.8	82.4	82.8	82.8	83.0	83.1	83.3	83.7
≥ 1200	23.9	57.6	65.0	71.1	76.8	78.6	81.2	82.3	82.8	83.4	83.9	83.9	84.1	84.2	84.4	84.8
≥ 1000	24.0	57.8	65.5	71.8	77.6	79.4	82.1	83.4	83.9	84.6	85.1	85.1	85.4	85.4	85.6	86.0
≥ 900	24.0	57.9	65.6	72.0	77.8	79.8	82.6	83.9	84.4	85.1	85.6	85.6	85.9	85.9	86.1	86.5
≥ 800	24.1	58.2	66.0	72.5	78.4	80.4	83.2	84.7	85.3	86.2	86.6	86.6	86.9	87.0	87.2	87.6
≥ 700	24.1	58.4	66.3	73.0	79.4	81.4	84.5	86.1	86.7	87.6	88.1	88.1	88.4	88.4	88.6	89.1
≥ 600	24.2	58.6	66.6	73.3	79.8	82.0	85.3	87.1	87.9	88.8	89.4	89.4	89.8	89.9	90.2	90.6
≥ 500	24.2	58.7	66.8	73.8	80.5	82.9	86.6	88.7	89.5	90.7	91.5	91.5	92.0	92.0	92.4	92.8
≥ 400	24.2	58.9	66.9	74.1	81.0	83.5	87.4	90.0	90.9	92.4	93.4	93.4	93.8	93.9	94.2	94.6
≥ 300	24.2	58.9	66.9	74.1	81.1	83.7	87.9	90.7	91.7	93.6	94.9	95.0	95.5	95.6	96.0	96.5
≥ 200	24.2	58.9	66.9	74.2	81.1	83.8	88.1	91.1	92.1	94.2	95.7	95.8	96.4	96.5	97.2	98.0
≥ 100	24.2	58.9	66.9	74.2	81.1	83.8	88.1	91.1	92.1	94.2	95.7	95.9	96.5	96.7	97.3	98.7
≥ 0	24.2	58.9	66.9	74.2	81.1	83.8	88.1	91.1	92.1	94.2	95.7	95.9	96.5	96.7	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS

2603

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 ANDREWS AFB WASHINGTON D.C.

43-71

SFP

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0
NO CEILING ≥ 20000	27.1	46.7	49.4	50.4	51.0	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
IV 18000 16000	31.4	55.4	59.0	60.4	61.2	61.6	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7
IV 14000 12000	31.5	55.5	59.1	60.6	61.3	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.9
IV 10000 9000	31.8	56.2	59.9	61.6	62.3	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.9
IV 8000 7000	32.5	57.7	61.7	63.4	64.2	64.6	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8
IV 6000 5000	33.4	60.0	64.2	66.1	67.1	67.6	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8
IV 4500 4000	33.7	60.9	65.1	67.1	68.2	68.7	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
IV 3500 3000	34.2	62.4	67.0	69.3	70.4	71.0	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2
IV 2500 2000	34.5	63.1	67.7	70.2	71.4	71.9	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.2
IV 1800 1500	34.9	63.5	68.2	70.7	71.9	72.4	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 1200 1000	34.7	64.3	69.2	71.7	73.1	73.8	74.0	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2
IV 900 800	34.9	64.7	69.7	72.4	73.8	74.5	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 700 600	35.2	65.9	70.9	73.8	75.4	76.1	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.6
IV 500 400	35.9	67.1	72.3	75.4	77.0	77.7	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.2
IV 300 200	36.0	68.4	73.8	77.0	78.8	79.5	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.1
IV 100 0	37.0	69.6	75.2	78.5	80.4	81.2	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 0	37.5	71.2	77.0	80.4	82.4	83.2	83.5	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IV 0	37.6	71.4	77.3	80.7	82.7	83.5	83.8	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1
IV 0	38.0	72.9	78.9	82.5	84.7	85.5	86.0	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.4
IV 0	38.3	74.1	80.4	84.2	86.5	87.4	87.8	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2
IV 0	38.4	75.2	81.6	85.8	88.5	89.4	89.9	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5
IV 0	38.5	75.5	82.1	86.3	89.0	90.0	90.6	91.2	91.2	91.3	91.4	91.4	91.4	91.4	91.4
IV 0	38.5	75.7	82.5	86.7	89.8	90.7	91.5	92.1	92.2	92.3	92.4	92.4	92.4	92.4	92.5
IV 0	38.5	75.9	82.9	87.3	90.5	91.6	92.6	93.4	93.5	93.7	93.8	93.8	93.8	93.8	93.8
IV 0	38.5	76.0	83.1	87.7	91.2	92.4	93.8	94.8	94.9	95.2	95.3	95.3	95.3	95.3	95.3
IV 0	38.5	76.2	83.3	88.2	91.9	93.3	94.8	96.0	96.1	96.5	96.7	96.8	96.8	96.8	96.8
IV 0	38.5	76.2	83.4	88.4	92.2	93.7	95.5	97.1	97.3	98.0	98.3	98.3	98.4	98.4	98.5
IV 0	38.5	76.3	83.5	88.5	92.3	93.8	95.8	97.7	97.9	98.7	99.0	99.2	99.2	99.3	99.3
IV 0	38.5	76.3	83.5	88.5	92.3	93.8	95.9	97.8	98.1	99.1	99.5	99.6	99.7	99.7	99.8
IV 0	38.5	76.3	83.5	88.5	92.3	93.8	95.9	97.8	98.1	99.1	99.5	99.6	99.7	99.8	99.9
IV 0	38.5	76.3	83.5	88.5	92.3	93.8	95.9	97.8	98.1	99.1	99.5	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS

2601

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 ANDREWS AFB WASHINGTON D C 43-71 SEP 1965

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.25	≥.16	≥.1	≥0
NO CEILING	30.4	46.0	47.3	47.9	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 20000	37.0	57.1	59.0	59.7	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
18000	37.2	57.3	59.2	59.9	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
16000	37.4	57.5	59.4	60.2	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
14000	38.0	58.5	60.4	61.2	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
12000	39.1	60.7	62.8	63.6	64.1	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
10000	40.3	64.0	66.3	67.2	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
9000	40.6	64.6	66.9	67.8	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
8000	41.2	65.7	68.2	69.2	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
7000	41.3	66.1	68.8	69.9	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
6000	41.6	67.0	69.7	70.9	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
5000	42.1	68.3	71.0	72.3	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
4500	42.7	69.1	71.9	73.2	74.2	74.2	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
4000	44.6	71.7	74.5	76.0	77.0	77.0	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
3500	46.0	74.0	76.9	78.3	79.5	79.5	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
3000	47.6	76.5	79.7	81.3	82.6	82.7	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
2500	48.7	78.8	82.1	83.9	85.3	85.3	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
2000	50.1	82.0	85.5	87.3	88.8	89.0	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
1800	50.2	82.4	86.0	87.8	89.3	89.5	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
1500	50.3	83.6	87.4	89.4	90.9	91.2	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
1200	50.7	84.6	88.6	90.7	92.3	92.6	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
1000	50.7	85.1	89.2	91.3	93.1	93.5	94.3	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
900	50.7	85.2	89.3	91.5	93.4	93.8	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
800	50.7	85.4	89.6	91.9	93.8	94.4	95.2	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
700	50.7	85.5	89.8	92.1	94.2	94.8	95.8	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7
600	50.7	85.6	89.9	92.3	94.4	95.0	96.2	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2
500	50.7	85.7	90.1	92.6	94.7	95.4	96.8	97.9	97.9	98.2	98.3	98.3	98.3	98.3	98.3	98.3
400	50.7	85.7	90.1	92.7	94.9	95.6	97.1	98.4	98.5	98.8	98.9	98.9	98.9	98.9	98.9	98.9
300	50.7	85.7	90.1	92.7	94.9	95.7	97.2	98.8	98.9	99.4	99.6	99.7	99.7	99.7	99.7	99.7
200	50.7	85.7	90.1	92.7	95.0	95.7	97.3	99.0	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0
100	50.7	85.7	90.1	92.7	95.0	95.7	97.3	99.0	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0
0	50.7	85.7	90.1	92.7	95.0	95.7	97.3	99.0	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2605

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 ANDREWS AFB WASHINGTON D C

43-71

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.2	≥.16	≥.1	≥0
NO CEILING	32.5	49.6	50.5	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 20000	40.5	62.5	63.7	64.8	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IV 18000	40.5	62.6	63.9	65.1	65.2	65.2	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 16000	40.8	63.0	64.2	65.4	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
IV 14000	41.3	63.8	65.1	66.3	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
IV 12000	43.1	67.2	68.6	69.9	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
IV 10000	44.0	69.3	70.9	72.3	72.6	72.7	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
IV 9000	44.3	70.4	72.0	73.4	73.7	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
IV 8000	44.9	71.9	73.7	75.2	75.8	75.9	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
IV 7000	45.2	72.4	74.3	76.0	76.6	76.8	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 6000	45.8	73.8	75.8	77.6	78.2	78.4	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 5000	46.2	74.9	77.0	78.8	79.6	79.8	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IV 4500	46.9	75.7	77.8	79.6	80.6	80.8	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 4000	48.7	78.5	80.8	82.7	83.6	83.8	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 3500	49.5	80.3	82.7	84.7	85.7	85.9	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IV 3000	50.4	82.1	84.7	86.9	88.0	88.2	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 2500	51.2	83.8	86.6	88.8	89.8	90.1	90.7	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 2000	51.4	85.0	87.9	90.5	91.5	91.9	92.6	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 1800	51.4	85.2	88.2	90.5	91.7	92.2	92.9	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV 1500	51.5	85.8	88.9	91.2	92.6	93.0	93.7	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 1200	51.6	86.0	89.1	91.4	92.9	93.3	94.1	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 1000	51.6	86.3	89.3	91.8	93.4	93.9	94.9	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 900	51.6	86.4	89.4	91.9	93.5	94.1	95.1	95.3	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 800	51.6	86.4	89.5	92.1	93.9	94.4	95.5	95.9	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 700	51.6	86.6	89.9	92.6	94.4	95.0	96.2	96.7	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 600	51.6	86.6	89.9	92.7	94.5	95.3	96.6	97.1	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.6
IV 500	51.6	86.7	90.0	92.9	94.9	95.8	97.1	97.8	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3
IV 400	51.6	86.7	90.1	93.0	95.0	96.0	97.8	98.5	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2
IV 300	51.6	86.7	90.2	93.1	95.1	96.1	97.9	98.7	99.0	99.3	99.5	99.5	99.5	99.5	99.5	99.5
IV 200	51.6	86.7	90.2	93.1	95.1	96.1	97.9	98.7	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6
IV 100	51.6	86.7	90.2	93.1	95.1	96.1	97.9	98.7	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6
IV 0	51.6	86.7	90.2	93.1	95.1	96.1	97.9	98.7	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS

2338

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 ANDREWS AFB WASHINGTON D C

43-71

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1400-2000

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0	
NO CEILING	33.0	51.6	53.0	53.5	53.8	53.9	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	
≥ 20000	39.8	63.8	65.9	66.8	67.2	67.4	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	
IV 18000	40.1	64.2	66.3	67.2	67.6	67.7	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	
IV 16000	40.3	64.5	66.6	67.5	68.0	68.1	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	
IV 14000	41.0	65.9	68.0	68.9	69.4	69.5	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	
IV 12000	42.4	68.9	71.1	72.1	72.7	72.8	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	
IV 10000	43.7	71.6	74.0	75.3	76.1	76.3	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	
IV 9000	44.0	72.5	75.0	76.3	77.1	77.3	77.5	77.7	77.7	77.7	77.7	77.7	77.8	77.8	77.8	
IV 8000	44.5	73.8	76.5	77.8	78.8	79.0	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	
IV 7000	44.9	74.9	77.6	79.1	80.1	80.4	80.6	80.8	80.8	80.8	80.8	80.8	80.9	80.9	80.9	
IV 6000	45.3	75.8	78.7	80.2	81.3	81.6	81.8	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.1	
IV 5000	46.1	77.3	80.3	82.1	83.2	83.4	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	
IV 4500	45.6	78.3	81.3	83.1	84.3	84.5	84.8	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3	
IV 4000	47.3	80.0	83.2	84.9	86.3	86.6	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	
IV 3500	47.5	80.9	84.1	86.1	87.5	87.8	88.1	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	
IV 3000	47.9	81.9	85.4	87.6	89.1	89.4	89.8	90.2	90.2	90.3	90.3	90.3	90.4	90.4	90.4	
IV 2500	48.2	82.6	86.3	88.5	90.2	90.6	91.0	91.4	91.4	91.5	91.6	91.6	91.6	91.6	91.6	
IV 2000	48.5	83.3	87.2	89.6	91.5	91.9	92.4	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	
IV 1800	48.5	83.3	87.2	89.6	91.5	91.9	92.5	92.9	92.9	93.0	93.1	93.1	93.1	93.1	93.1	
IV 1500	48.5	83.6	87.7	90.2	92.1	92.7	93.3	93.7	93.8	93.9	94.0	94.0	94.0	94.0	94.0	
IV 1200	48.5	83.8	88.0	90.6	92.5	93.0	93.9	94.3	94.4	94.5	94.5	94.5	94.6	94.6	94.6	
IV 1000	48.5	84.0	88.3	91.0	93.0	93.5	94.4	94.9	95.0	95.2	95.3	95.3	95.3	95.3	95.3	
IV 900	48.5	84.1	88.7	91.4	93.5	94.1	95.0	95.5	95.6	95.8	95.9	95.9	95.9	95.9	95.9	
IV 800	48.5	84.2	88.8	91.6	93.7	94.3	95.2	95.7	95.8	96.0	96.1	96.1	96.2	96.2	96.2	
IV 700	48.5	84.2	88.8	91.9	94.0	94.6	95.5	96.0	96.1	96.4	96.5	96.5	96.6	96.6	96.6	
IV 600	48.5	84.3	89.0	92.1	94.4	95.0	96.0	96.7	96.8	97.1	97.2	97.2	97.3	97.3	97.3	
IV 500	48.5	84.5	89.2	92.3	94.5	95.2	96.4	97.2	97.2	97.5	97.7	97.7	97.8	97.8	97.8	
IV 400	48.5	84.5	89.2	92.3	94.8	95.5	97.0	98.0	98.1	98.5	98.7	98.7	98.8	98.8	98.8	
IV 300	48.5	84.5	89.2	92.3	94.8	95.6	97.2	98.3	98.4	98.9	99.1	99.1	99.2	99.2	99.2	
IV 200	48.5	84.5	89.2	92.3	94.8	95.6	97.2	98.5	98.7	99.3	99.6	99.6	99.7	99.7	99.7	
IV 100	48.5	84.5	89.2	92.3	94.9	95.6	97.2	98.6	98.8	99.4	99.7	99.7	99.8	99.9	99.9	
IV 0	48.5	84.5	89.2	92.3	94.9	95.6	97.2	98.6	98.8	99.4	99.7	99.7	99.9	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS

2604

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 STATION ANDRLWS AFB WASHINGTON D C 43-71 YEARS SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 HOURS CST

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.75	≥.7	≥.6	≥.5	
NO CEILING IV 20000	33.9	54.6	56.3	57.1	57.4	57.5	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.1	58.1
IV 18000 16000	38.6	63.7	66.3	67.4	67.8	67.9	68.3	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
IV 14000 12000	38.7	64.1	66.7	67.7	68.2	68.2	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9	68.9
IV 10000 9000	39.4	65.5	68.1	69.2	69.6	69.7	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.4	70.4
IV 8000 7000	40.6	68.0	70.6	71.8	72.3	72.3	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.0	73.0
IV 6000 5000	42.6	71.3	74.2	75.6	76.2	76.2	76.7	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IV 4500 4000	43.1	72.3	75.2	76.6	77.2	77.3	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.0	78.0
IV 3500 3000	43.7	74.0	76.9	78.4	79.1	79.2	79.6	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.9	79.9
IV 2500 2000	44.0	75.2	78.2	79.7	80.4	80.4	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.2
IV 1800 1500	44.2	76.4	79.4	80.9	81.7	81.7	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.5	82.5
IV 1200 1000	44.7	78.0	81.3	82.9	83.7	83.7	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6	84.6
IV 900 800	44.9	79.2	82.6	84.2	85.0	85.0	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9
IV 700 600	45.5	80.6	84.1	85.8	86.5	86.6	87.1	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.5
IV 500 400	45.6	81.0	84.5	86.3	87.1	87.1	87.6	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.2	88.2
IV 300 200	45.7	81.7	85.5	87.4	88.2	88.3	88.8	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.3	89.3
IV 100 0	45.9	82.3	86.3	88.3	89.1	89.2	89.7	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.3	90.3
	46.1	82.9	87.0	89.0	90.1	90.1	90.7	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.2	91.3	91.3
	46.1	83.1	87.3	89.3	90.4	90.5	91.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7
	46.2	83.3	87.5	89.6	90.9	91.0	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.3
	46.2	83.5	87.8	90.1	91.4	91.6	92.5	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1
	46.2	83.7	88.2	90.7	92.1	92.4	93.2	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1
	46.2	84.0	88.8	91.5	93.0	93.3	94.2	94.7	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.1	95.1
	46.3	84.1	88.9	91.7	93.4	93.6	94.6	95.2	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.6
	46.3	84.3	89.3	92.1	93.9	94.2	95.3	96.0	96.0	96.3	96.4	96.4	96.4	96.4	96.5	96.5	96.5
	46.3	84.5	89.5	92.4	94.2	94.6	96.0	96.7	96.7	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2
	46.3	84.6	89.6	92.6	94.5	94.9	96.5	97.4	97.4	97.9	98.0	98.0	98.0	98.0	98.1	98.1	98.1
	46.3	84.6	89.7	92.7	94.8	95.2	97.1	98.2	98.4	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2
	46.3	84.6	89.7	92.7	94.8	95.2	97.2	98.4	98.6	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5
	46.3	84.6	89.7	92.7	94.8	95.2	97.3	98.5	98.7	99.4	99.6	99.6	99.6	99.7	99.7	99.8	99.8
	46.3	84.6	89.7	92.7	94.8	95.2	97.3	98.5	98.7	99.4	99.6	99.6	99.6	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2606

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 STATION ANDREWS AFB WASHINGTON D C 43-71 YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (ZULU)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	≥.2
NO CEILING ≥ 20000	30.0	34.4	56.0	56.7	57.4	57.5	57.9	58.0	58.0	58.0	58.1	58.1	58.3	58.3	58.5	58.8
IV 18000 IV 16000	32.0	61.9	64.3	65.3	66.1	66.2	66.6	66.8	66.8	66.8	66.9	66.9	67.1	67.1	67.2	67.5
IV 14000 IV 12000	32.7	62.0	64.4	65.5	66.2	66.3	66.7	66.9	66.9	66.9	67.0	67.0	67.2	67.2	67.3	67.6
IV 10000 IV 9000	33.0	63.0	65.4	66.5	67.3	67.3	67.8	67.9	67.9	68.0	68.1	68.1	68.3	68.3	68.4	68.7
IV 8000 IV 7000	34.6	66.2	68.8	70.0	70.8	70.9	71.3	71.5	71.5	71.5	71.6	71.6	71.8	71.9	72.0	72.3
IV 6000 IV 5000	35.0	66.8	69.4	70.5	71.4	71.5	72.0	72.1	72.1	72.1	72.2	72.2	72.4	72.5	72.6	72.9
IV 4500 IV 4000	35.8	68.6	71.3	72.5	73.4	73.4	74.0	74.1	74.1	74.2	74.3	74.3	74.5	74.6	74.7	75.0
IV 3500 IV 3000	36.6	70.0	72.8	73.9	74.9	75.0	75.5	75.6	75.6	75.7	75.9	75.9	76.1	76.2	76.3	76.6
IV 2500 IV 2000	37.7	73.2	76.3	77.6	78.5	78.7	79.2	79.4	79.4	79.4	79.6	79.6	79.8	79.9	80.0	80.3
IV 1800 IV 1500	37.9	74.3	77.4	78.7	79.6	79.7	80.3	80.4	80.5	80.5	80.7	80.7	80.9	81.0	81.1	81.4
IV 1200 IV 1000	38.1	75.7	79.0	80.4	81.4	81.5	82.0	82.2	82.2	82.3	82.5	82.5	82.7	82.8	82.9	83.2
IV 900 IV 800	38.3	76.4	79.9	81.3	82.3	82.4	83.0	83.1	83.2	83.2	83.4	83.4	83.6	83.7	83.8	84.1
IV 700 IV 600	38.7	77.3	81.0	82.4	83.4	83.5	84.1	84.3	84.3	84.4	84.6	84.6	84.8	84.9	85.0	85.3
IV 500 IV 400	39.0	78.1	82.0	83.6	84.6	84.8	85.4	85.6	85.6	85.7	85.9	85.9	86.2	86.2	86.4	86.6
IV 300 IV 200	39.7	79.3	83.4	85.1	86.3	86.4	87.1	87.3	87.4	87.5	87.7	87.7	88.0	88.0	88.1	88.4
IV 100 IV 0	39.8	79.7	83.8	85.4	86.7	86.8	87.5	87.7	87.8	87.9	88.1	88.1	88.4	88.5	88.6	88.9
	40.0	80.4	84.6	86.5	88.1	88.3	89.1	89.4	89.4	89.6	89.9	89.9	90.2	90.3	90.4	90.7
	40.0	80.7	85.1	87.1	88.7	89.0	90.0	90.3	90.4	90.6	90.9	90.9	91.1	91.1	91.2	91.6
	40.1	80.8	85.3	87.2	88.9	89.2	90.2	90.6	90.6	90.8	91.1	91.1	91.4	91.5	91.6	91.9
	40.1	80.7	85.4	87.6	89.3	89.6	90.7	91.1	91.3	91.5	91.8	91.8	92.1	92.1	92.3	92.6
	40.1	81.0	85.6	87.7	89.4	89.7	90.9	91.4	91.5	91.7	92.1	92.1	92.3	92.4	92.5	92.8
	40.1	81.2	85.7	88.0	89.8	90.1	91.3	92.0	92.2	92.4	92.7	92.7	93.0	93.1	93.2	93.5
	40.1	81.4	85.9	88.4	90.3	90.6	92.2	93.0	93.2	93.4	93.7	93.7	94.0	94.1	94.2	94.5
	40.1	81.5	86.1	88.6	90.6	91.0	92.6	93.4	93.5	93.8	94.2	94.2	94.5	94.5	94.7	95.0
	40.1	81.5	86.2	88.7	90.9	91.3	93.2	94.2	94.4	94.8	95.2	95.2	95.5	95.5	95.7	96.0
	40.1	81.5	86.2	88.8	91.0	91.4	93.6	94.9	95.1	95.7	96.1	96.1	96.4	96.5	96.7	97.1
	40.1	81.5	86.2	88.8	91.0	91.4	93.6	95.0	95.3	96.1	96.5	96.5	97.0	97.2	97.6	98.4
	40.1	81.5	86.2	88.8	91.0	91.4	93.6	95.0	95.3	96.1	96.6	96.6	97.1	97.4	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2689

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 ANDREWS AFB WASHINGTON D C

43-71

CT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1.5	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥0
NO CEILING	25.0	49.6	51.8	53.3	54.3	54.4	55.0	55.3	55.4	55.7	55.9	55.9	56.0	56.0	56.3	57.1
≥ 20000	27.1	55.9	59.4	61.3	62.5	62.8	63.5	63.8	63.9	64.3	64.5	64.5	64.6	64.6	64.9	65.7
IV 18000	27.1	56.0	59.5	61.4	62.6	62.9	63.5	63.9	64.0	64.4	64.5	64.5	64.7	64.7	65.0	65.8
IV 16000	27.1	56.3	59.8	61.6	62.9	63.2	63.8	64.2	64.3	64.6	64.8	64.8	65.0	65.0	65.2	66.1
IV 14000	27.3	57.0	60.5	62.4	63.7	64.0	64.6	65.0	65.1	65.4	65.6	65.6	65.8	65.8	66.0	66.9
IV 12000	27.7	57.9	61.4	63.3	64.6	64.9	65.5	65.9	66.0	66.3	66.5	66.5	66.7	66.7	66.9	67.8
IV 10000	28.2	59.3	63.0	65.0	66.3	66.6	67.3	67.7	67.7	68.1	68.3	68.3	68.6	68.6	68.8	69.7
IV 9000	28.5	59.8	63.5	65.5	66.8	67.1	67.8	68.2	68.3	68.6	68.8	68.8	69.1	69.1	69.3	70.2
IV 8000	29.2	61.6	65.4	67.4	68.7	69.0	69.7	70.1	70.2	70.6	70.8	70.8	71.0	71.0	71.3	72.1
IV 7000	29.8	63.2	67.3	69.4	70.6	71.0	71.6	72.1	72.1	72.5	72.7	72.7	72.9	72.9	73.2	74.1
IV 6000	30.0	64.0	68.2	70.3	71.5	71.9	72.5	72.9	73.0	73.4	73.6	73.6	73.8	73.8	74.1	75.0
IV 5000	30.7	66.0	70.2	72.6	73.9	74.2	75.0	75.4	75.4	75.8	76.0	76.0	76.3	76.3	76.5	77.4
IV 4500	31.0	66.7	71.0	73.4	74.8	75.1	75.8	76.2	76.3	76.7	76.8	76.8	77.1	77.1	77.4	78.2
IV 4000	31.0	68.0	72.4	75.0	76.3	76.7	77.4	77.8	77.9	78.3	78.5	78.5	78.8	78.8	79.0	79.9
IV 3500	31.0	68.4	72.9	75.4	76.8	77.2	77.9	78.3	78.4	78.8	79.0	79.0	79.3	79.3	79.6	80.4
IV 3000	31.4	69.4	74.1	76.6	78.0	78.4	79.2	79.6	79.6	80.0	80.3	80.3	80.6	80.6	80.8	81.7
IV 2500	32.0	70.4	75.3	78.0	79.7	80.1	80.8	81.2	81.3	81.8	82.1	82.1	82.4	82.4	82.7	83.5
IV 2000	32.4	71.5	76.6	79.5	81.3	81.8	82.5	82.9	83.1	83.5	83.8	83.8	84.1	84.1	84.4	85.2
IV 1800	32.6	71.8	77.0	79.9	81.7	82.2	82.9	83.4	83.5	83.9	84.3	84.3	84.6	84.6	84.9	85.7
IV 1500	32.7	72.4	77.7	80.7	82.7	83.2	84.1	84.5	84.7	85.1	85.4	85.4	85.7	85.7	86.0	86.8
IV 1200	32.7	73.0	78.4	81.5	83.6	84.1	85.0	85.5	85.6	86.0	86.4	86.4	86.7	86.7	87.0	87.8
IV 1000	32.7	73.2	78.7	81.9	84.2	84.7	85.7	86.3	86.4	86.8	87.2	87.2	87.4	87.4	87.7	88.6
IV 900	32.7	73.3	78.8	82.1	84.4	84.9	86.0	86.5	86.6	87.1	87.4	87.4	87.8	87.8	88.1	88.9
IV 800	32.7	73.4	78.9	82.2	84.5	85.2	86.3	87.1	87.3	87.8	88.2	88.2	88.5	88.5	88.8	89.7
IV 700	32.7	73.5	79.1	82.5	85.0	85.7	87.0	87.8	88.0	88.5	88.9	88.9	89.2	89.2	89.5	90.3
IV 600	32.8	73.7	79.4	82.9	85.4	86.1	87.6	88.4	88.6	89.1	89.6	89.6	89.9	89.9	90.2	91.0
IV 500	32.8	74.0	79.7	83.3	86.0	86.8	88.4	89.4	89.6	90.2	90.7	90.7	91.0	91.0	91.3	92.2
IV 400	32.8	74.0	79.7	83.5	86.4	87.3	89.2	90.4	90.6	91.3	91.7	91.7	92.0	92.0	92.4	93.2
IV 300	32.8	74.0	79.8	83.6	86.7	87.6	90.0	91.3	91.6	92.5	93.0	93.1	93.4	93.4	93.8	94.7
IV 200	32.8	74.0	79.8	83.6	86.7	87.6	90.1	91.6	91.9	92.9	93.5	93.5	93.9	93.9	94.4	95.4
IV 100	32.8	74.0	79.8	83.6	86.7	87.6	90.2	91.7	92.1	93.1	93.9	94.0	94.6	94.6	95.5	97.0
IV 0	32.8	74.0	79.8	83.6	86.7	87.6	90.2	91.7	92.1	93.2	94.0	94.1	94.8	94.9	95.8	100.0

TOTAL NUMBER OF OBSERVATIONS

2691

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

13705 ANDREWS AFB WASHINGTON D C

43-71

CT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.2	≥.16	≥.1	≥0
NO CEILING	17.1	35.8	40.0	43.3	45.7	46.1	47.0	47.5	47.7	48.1	48.6	48.6	48.7	48.7	48.8	49.7
IV 20000	19.6	41.3	47.1	51.4	54.3	55.0	56.2	57.0	57.1	57.6	58.0	58.1	58.2	58.2	58.4	59.2
IV 18000	19.5	41.4	47.2	51.5	54.4	55.1	56.3	57.1	57.2	57.7	58.2	58.3	58.3	58.3	58.5	59.4
IV 16000	19.6	41.5	47.3	51.6	54.5	55.2	56.5	57.3	57.4	57.9	58.3	58.4	58.5	58.5	58.7	59.5
IV 14000	19.7	42.5	48.4	52.8	55.7	56.5	57.7	58.5	58.6	59.1	59.6	59.6	59.7	59.7	59.9	60.7
IV 12000	20.1	43.5	49.7	54.1	57.0	57.8	59.1	60.0	60.1	60.6	61.1	61.2	61.2	61.2	61.4	62.3
IV 10000	21.1	45.5	51.9	56.4	59.6	60.4	61.8	62.7	62.8	63.3	63.8	63.9	63.9	63.9	64.1	65.0
IV 9000	21.3	46.2	52.6	57.0	60.3	61.1	62.5	63.4	63.5	64.1	64.5	64.6	64.7	64.7	64.9	65.8
IV 8000	22.0	48.1	54.6	59.1	62.6	63.5	64.9	65.8	65.9	66.5	67.0	67.0	67.1	67.1	67.3	68.2
IV 7000	22.6	49.3	55.8	60.5	64.1	65.0	66.5	67.4	67.5	68.0	68.5	68.6	68.7	68.7	68.8	69.7
IV 6000	22.9	49.9	56.6	61.3	64.9	65.9	67.5	68.5	68.6	69.1	69.6	69.7	69.8	69.8	70.0	70.9
IV 5000	23.5	51.5	58.5	63.3	67.1	68.2	69.9	70.9	71.0	71.6	72.1	72.2	72.3	72.3	72.5	73.3
IV 4500	23.7	52.4	59.4	64.4	68.2	69.4	71.1	72.2	72.3	72.9	73.4	73.5	73.6	73.6	73.8	74.6
IV 4000	24.2	53.5	60.7	65.7	69.5	70.8	72.6	73.8	73.8	74.6	75.1	75.2	75.3	75.3	75.5	76.4
IV 3500	24.5	54.0	61.3	66.3	70.3	71.7	73.6	74.8	74.8	75.6	76.1	76.2	76.3	76.3	76.5	77.4
IV 3000	24.7	55.2	62.6	67.8	71.9	73.3	75.3	76.5	76.6	77.4	77.9	78.0	78.1	78.1	78.3	79.2
IV 2500	25.0	56.1	63.6	69.1	73.2	74.6	76.6	77.8	78.0	78.8	79.3	79.4	79.6	79.6	79.9	80.8
IV 2000	25.1	56.9	64.6	70.2	74.4	75.9	78.0	79.3	79.5	80.3	81.0	81.1	81.2	81.2	81.5	82.5
IV 1800	25.2	57.1	64.8	70.4	74.6	76.2	78.3	79.6	79.8	80.6	81.3	81.4	81.5	81.6	81.9	82.8
IV 1500	25.3	57.4	65.2	71.0	75.2	76.9	79.1	80.5	80.6	81.5	82.2	82.3	82.5	82.5	82.8	83.7
IV 1200	25.4	57.8	65.8	71.7	76.1	77.8	80.1	81.5	81.7	82.6	83.3	83.5	83.6	83.7	84.0	84.9
IV 1000	25.4	58.0	66.1	72.1	76.8	78.5	81.1	82.6	82.8	83.8	84.5	84.6	84.8	84.9	85.2	86.2
IV 900	25.4	58.1	66.2	72.3	77.0	78.8	81.4	82.9	83.2	84.2	84.9	85.0	85.2	85.3	85.7	86.6
IV 800	25.4	58.2	66.6	72.8	77.6	79.5	82.3	84.0	84.2	85.2	86.0	86.1	86.4	86.4	86.8	87.7
IV 700	25.5	58.4	66.8	73.1	78.0	80.0	82.8	84.6	84.8	85.8	86.7	86.8	87.0	87.1	87.4	88.4
IV 600	25.5	58.7	67.0	73.5	78.5	80.5	83.3	85.4	85.6	86.7	87.5	87.6	87.8	87.9	88.3	89.2
IV 500	25.6	58.8	67.2	73.6	79.0	81.0	84.3	86.6	86.8	88.0	88.8	89.0	89.3	89.4	89.7	90.7
IV 400	25.6	59.0	67.3	73.9	79.4	81.6	85.4	88.1	88.5	89.9	90.9	91.0	91.3	91.4	91.9	92.9
IV 300	25.6	59.0	67.3	74.0	79.5	81.7	85.6	88.5	89.1	90.7	91.9	92.1	92.5	92.6	93.1	94.3
IV 200	25.7	59.0	67.4	74.0	79.6	81.8	85.8	88.8	89.4	91.2	92.7	92.9	93.4	93.6	94.2	95.7
IV 100	25.7	59.0	67.4	74.0	79.6	81.8	85.8	88.8	89.5	91.4	93.0	93.3	94.0	94.2	95.1	97.2
IV 0	25.7	59.0	67.4	74.0	79.6	81.8	85.8	88.8	89.5	91.4	93.0	93.3	94.1	94.3	95.3	100.0

TOTAL NUMBER OF OBSERVATIONS

2690

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 ANDREWS AFB WASHINGTON D C

43-71

CT

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0900-1100
MOSS 1-51

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING	25.3	43.8	45.7	47.3	48.6	49.1	49.4	49.6	49.7	49.7	49.8	49.8	49.9	49.9	49.9	49.9
≥ 20000	30.4	52.0	54.6	56.6	58.1	58.8	59.3	59.6	59.7	59.7	59.8	59.8	59.9	59.9	59.9	59.9
IV 18000	30.4	52.1	54.6	56.8	58.3	59.0	59.5	59.8	59.9	60.0	60.0	60.0	60.1	60.1	60.1	60.1
IV 16000	30.6	52.3	54.8	57.0	58.6	59.2	59.7	60.0	60.1	60.2	60.3	60.3	60.3	60.3	60.3	60.3
IV 14000	30.8	53.5	56.1	58.3	60.0	60.7	61.2	61.5	61.6	61.6	61.7	61.7	61.8	61.8	61.8	61.8
IV 12000	31.4	55.0	57.7	60.0	61.7	62.4	62.9	63.2	63.3	63.4	63.5	63.5	63.5	63.5	63.5	63.5
IV 10000	32.2	57.0	60.2	62.6	64.5	65.3	65.9	66.2	66.3	66.4	66.4	66.4	66.5	66.5	66.5	66.5
IV 9000	32.5	57.7	60.9	63.3	65.3	66.1	66.7	67.1	67.2	67.2	67.3	67.3	67.4	67.4	67.4	67.4
IV 8000	32.9	59.5	62.9	65.5	67.6	68.4	69.1	69.4	69.5	69.6	69.6	69.6	69.7	69.7	69.7	69.7
IV 7000	33.2	60.1	63.7	66.3	68.5	69.3	70.0	70.3	70.4	70.4	70.5	70.5	70.6	70.6	70.6	70.6
IV 6000	33.5	60.6	64.2	66.9	69.2	70.1	70.7	71.1	71.2	71.3	71.3	71.4	71.4	71.4	71.4	71.4
IV 5000	34.3	62.3	66.2	69.0	71.4	72.3	73.0	73.3	73.5	73.6	73.6	73.6	73.7	73.7	73.7	73.7
IV 4500	34.9	63.3	67.2	70.3	72.8	73.8	74.5	74.9	75.0	75.1	75.2	75.2	75.2	75.2	75.2	75.2
IV 4000	35.2	64.6	68.6	71.8	74.5	75.5	76.2	76.7	76.8	76.9	77.0	77.0	77.1	77.1	77.1	77.1
IV 3500	35.7	65.3	69.4	72.8	75.5	76.5	77.3	77.8	77.9	78.0	78.1	78.1	78.1	78.1	78.1	78.1
IV 3000	36.2	66.8	71.1	74.5	77.2	78.3	79.0	79.5	79.6	79.7	79.8	79.8	79.9	79.9	79.9	79.9
IV 2500	36.8	68.1	72.6	76.1	78.8	80.0	80.8	81.3	81.4	81.5	81.6	81.6	81.6	81.6	81.7	81.7
IV 2000	37.1	69.4	74.1	77.7	80.6	81.8	82.6	83.2	83.3	83.5	83.5	83.5	83.6	83.6	83.6	83.6
IV 1800	37.2	69.7	74.4	78.1	81.0	82.2	83.1	83.7	83.8	83.9	84.0	84.0	84.1	84.1	84.1	84.1
IV 1500	37.5	70.6	75.6	79.4	82.6	83.9	84.8	85.5	85.6	85.7	85.8	85.8	85.9	85.9	85.9	85.9
IV 1200	37.8	71.6	76.7	80.6	83.9	85.4	86.5	87.2	87.4	87.5	87.7	87.7	87.7	87.7	87.8	87.8
IV 1000	37.8	72.2	77.5	81.7	85.4	87.0	88.2	89.0	89.2	89.4	89.5	89.5	89.6	89.6	89.6	89.7
IV 900	37.8	72.6	77.9	82.2	86.0	87.7	89.1	89.9	90.1	90.3	90.4	90.4	90.5	90.5	90.5	90.6
IV 800	37.9	72.9	78.4	82.7	86.7	88.6	90.1	91.0	91.2	91.4	91.6	91.6	91.6	91.6	91.7	91.7
IV 700	38.0	73.1	78.8	83.1	87.3	89.3	91.1	92.2	92.3	92.6	92.8	92.8	92.9	92.9	92.9	92.9
IV 600	38.0	73.3	79.0	83.4	87.8	89.9	91.9	93.0	93.2	93.6	93.9	93.9	93.9	93.9	94.0	94.0
IV 500	38.0	73.3	79.1	83.6	88.3	90.6	92.8	94.3	94.6	95.2	95.5	95.5	95.6	95.6	95.7	95.7
IV 400	38.0	73.4	79.2	83.9	88.8	91.1	93.8	95.7	96.0	96.7	97.1	97.1	97.2	97.2	97.4	97.4
IV 300	38.0	73.4	79.2	83.9	88.8	91.2	94.0	96.0	96.5	97.4	98.0	98.1	98.3	98.4	98.6	98.8
IV 200	38.0	73.4	79.2	83.9	88.8	91.2	94.1	96.1	96.7	97.7	98.5	98.6	99.0	99.1	99.3	99.5
IV 100	38.0	73.4	79.2	83.9	88.8	91.2	94.1	96.2	96.7	97.8	98.6	98.6	99.0	99.1	99.4	99.7
IV 0	38.0	73.4	79.2	83.9	88.8	91.2	94.1	96.2	96.7	97.8	98.6	98.6	99.0	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS

2690

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 ANDREWS AFB WASHINGTON D C

43-71

CT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4
NO CEILING	32.0	46.8	48.1	48.6	48.8	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 20000	39.4	56.7	58.5	59.5	59.8	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
IV 18000	39.5	56.9	58.8	59.7	60.0	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
16000	39.7	57.3	59.2	60.2	60.5	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
IV 14000	40.4	58.7	60.8	61.8	62.1	62.2	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
12000	41.1	60.6	62.9	63.9	64.4	64.4	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
IV 10000	41.8	62.2	64.5	65.6	66.2	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
9000	42.1	63.2	65.7	66.7	67.4	67.5	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
IV 8000	42.6	64.7	67.2	68.4	69.0	69.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
7000	43.0	65.8	68.3	69.5	70.3	70.5	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
IV 6000	43.2	66.3	68.9	70.1	70.9	71.1	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
5000	44.2	68.7	71.6	72.9	73.8	74.0	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IV 4500	44.9	70.0	72.8	74.3	75.2	75.4	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
4000	46.4	72.8	75.9	77.5	78.6	78.7	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 3500	47.5	74.5	77.7	79.4	80.5	80.6	81.0	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2
3000	49.0	76.9	80.1	82.1	83.2	83.4	83.7	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9
IV 2500	49.9	78.4	81.9	83.9	85.2	85.4	85.7	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9
2000	50.6	80.5	84.2	86.5	87.8	88.0	88.4	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 1800	50.7	80.8	84.6	86.8	88.2	88.4	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
1500	51.0	82.0	86.0	88.4	89.9	90.2	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IV 1200	51.2	82.8	87.0	89.7	91.2	91.6	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
1000	51.4	83.2	87.5	90.3	91.9	92.3	93.0	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 900	51.4	83.2	87.5	90.4	92.2	92.6	93.3	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6
800	51.4	83.6	88.0	90.9	92.9	93.4	94.3	94.6	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8
IV 700	51.4	83.7	88.2	91.2	93.4	93.9	95.0	95.4	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7
600	51.4	83.8	88.5	91.4	93.8	94.5	95.7	96.3	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.7
IV 500	51.4	83.9	88.5	91.7	94.3	95.0	96.4	97.1	97.3	97.7	97.8	97.8	97.8	97.8	97.8	97.8
400	51.4	84.0	88.6	91.9	94.5	95.2	96.9	97.9	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8
IV 300	51.4	84.0	88.6	92.0	94.6	95.4	97.2	98.3	98.8	99.3	99.7	99.7	99.7	99.7	99.7	99.7
200	51.4	84.0	88.6	92.0	94.6	95.4	97.3	98.5	99.0	99.5	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	51.4	84.0	88.6	92.0	94.6	95.4	97.3	98.5	99.0	99.5	99.9	99.9	99.9	99.9	99.9	99.9
0	51.4	84.0	88.6	92.0	94.6	95.4	97.3	98.5	99.0	99.5	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 2691

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 ANDREWS AFB WASHINGTON D.C.

43-71

LCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING	33.0	47.5	48.9	49.2	49.4	49.4	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 20000	40.7	58.4	60.6	61.1	61.4	61.4	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 18000	41.1	59.0	61.2	61.7	62.0	62.0	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 16000	41.3	59.4	61.6	62.1	62.4	62.4	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 14000	41.9	60.7	62.9	63.5	63.8	63.9	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 12000	43.4	63.4	65.8	66.5	66.9	67.0	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 10000	44.9	66.0	68.6	69.4	69.7	69.8	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 9000	45.1	66.7	69.3	70.1	70.5	70.6	70.7	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 8000	46.5	68.9	71.6	72.6	73.2	73.2	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 7000	47.0	70.1	73.0	74.0	74.6	74.7	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 6000	47.6	71.1	74.0	75.2	75.8	75.9	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 5000	48.5	73.3	76.4	77.7	78.4	78.4	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 4500	49.0	74.3	77.6	78.9	79.7	79.7	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 4000	49.9	76.6	79.9	81.4	82.2	82.3	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 3500	50.4	77.7	81.1	82.7	83.5	83.6	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 3000	51.5	80.0	83.7	85.4	86.3	86.4	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 2500	52.1	81.8	85.5	87.3	88.3	88.5	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 2000	52.3	83.2	87.1	89.0	90.2	90.4	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1800	52.5	83.5	87.4	89.3	90.6	90.8	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1500	52.7	84.0	88.1	90.1	91.4	91.6	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1200	52.9	84.6	89.0	91.1	92.4	92.6	93.2	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5
≥ 1000	52.9	84.9	89.3	91.4	92.9	93.2	93.8	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 900	52.9	84.9	89.3	91.5	92.9	93.3	93.9	94.3	94.3	94.4	94.4	94.4	94.5	94.5	94.5	94.5
≥ 800	53.0	85.0	89.4	91.6	93.2	93.7	94.4	94.8	94.8	94.9	94.9	94.9	95.0	95.0	95.0	95.0
≥ 700	53.0	85.2	89.6	91.9	93.5	94.1	94.9	95.4	95.4	95.6	95.6	95.7	95.7	95.7	95.8	95.8
≥ 600	53.0	85.2	89.7	92.2	94.1	94.6	95.6	96.2	96.2	96.5	96.5	96.5	96.6	96.7	96.7	96.7
≥ 500	53.0	85.3	89.9	92.5	94.3	94.9	96.2	97.0	97.0	97.3	97.4	97.4	97.5	97.6	97.6	97.6
≥ 400	53.0	85.4	89.9	92.6	94.5	95.1	96.7	97.7	97.7	98.4	98.6	98.6	98.7	98.8	98.8	98.8
≥ 300	53.0	85.4	89.9	92.6	94.5	95.1	96.9	98.0	98.3	99.0	99.2	99.2	99.4	99.4	99.4	99.4
≥ 200	53.0	85.4	89.9	92.6	94.5	95.2	97.0	98.2	98.5	99.2	99.4	99.5	99.7	99.8	99.8	99.8
≥ 100	53.0	85.4	89.9	92.6	94.5	95.2	97.0	98.2	98.5	99.2	99.5	99.5	99.8	99.9	99.9	99.9
≥ 0	53.0	85.4	89.9	92.6	94.5	95.2	97.0	98.3	98.5	99.3	99.5	99.6	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2690

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 ANDREWS AFB WASHINGTON D C 43-71 YEARS 1 CT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-2000

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.2	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING ≥ 20000	32.5	53.2	54.0	54.6	55.0	55.1	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2
18000	37.9	62.8	63.9	64.7	65.3	65.3	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
16000	38.1	63.1	64.2	65.0	65.6	65.6	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
14000	38.5	64.4	65.4	66.2	66.8	66.9	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1
12000	40.0	66.8	68.0	68.9	69.5	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
10000	41.7	69.5	70.8	71.8	72.5	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
9000	42.0	70.2	71.5	72.6	73.3	73.4	73.5	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6
8000	42.8	72.3	73.8	74.9	75.6	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
7000	43.7	74.4	76.3	77.4	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
6000	44.1	75.6	77.6	78.8	79.6	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
5000	44.7	77.5	79.9	81.3	82.2	82.2	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
4500	45.0	78.7	81.2	82.7	83.6	83.6	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9
4000	45.5	80.4	83.0	84.6	85.5	85.5	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8
3500	45.7	81.4	84.3	85.9	86.9	86.9	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
3000	45.9	82.8	85.8	87.5	88.6	88.7	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
2500	46.3	84.3	87.5	89.4	90.5	90.7	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1
2000	46.4	85.1	88.5	90.7	91.9	92.0	92.3	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5
1800	46.4	85.1	88.7	90.9	92.2	92.3	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
1500	46.6	85.5	89.2	91.4	92.8	92.9	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
1200	46.7	86.0	89.8	92.1	93.5	93.6	94.0	94.1	94.1	94.1	94.2	94.2	94.2	94.3	94.3	94.3
1000	46.7	86.2	90.0	92.3	93.8	93.9	94.2	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5
900	46.8	86.4	90.2	92.5	94.0	94.2	94.5	94.7	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9
800	46.8	86.4	90.3	92.7	94.2	94.5	94.8	95.0	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.3
700	46.8	86.4	90.4	92.8	94.3	94.7	95.0	95.3	95.3	95.5	95.6	95.6	95.6	95.7	95.7	95.7
600	46.8	86.6	90.6	93.2	94.7	95.1	95.6	95.9	96.0	96.3	96.4	96.4	96.5	96.5	96.5	96.5
500	46.8	86.7	90.7	93.3	94.9	95.4	96.0	96.5	96.5	96.9	97.0	97.0	97.1	97.1	97.1	97.1
400	46.8	86.8	90.8	93.5	95.1	95.7	96.6	97.2	97.4	97.9	98.0	98.0	98.1	98.1	98.2	98.2
300	46.8	86.8	90.9	93.6	95.2	95.8	97.0	97.6	97.8	98.4	98.5	98.5	98.7	98.7	98.7	98.7
200	46.8	86.8	90.9	93.7	95.3	95.9	97.1	97.8	98.0	98.8	99.1	99.1	99.4	99.4	99.5	99.5
100	46.8	86.8	90.9	93.7	95.3	95.9	97.1	97.9	98.1	98.9	99.2	99.2	99.6	99.6	99.7	99.8
0	46.8	86.8	90.9	93.7	95.3	95.9	97.1	97.9	98.1	98.9	99.2	99.2	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2696

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 MAYOR ANDREWS AFB WASHINGTON D C

43-71

CT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	33.6	36.3	57.3	58.0	58.5	58.6	58.8	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	59.0
IV 20000	37.5	64.9	66.5	67.4	67.9	68.0	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.5
IV 18000	37.6	65.1	66.6	67.6	68.1	68.2	68.5	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.7
IV 16000	37.6	65.1	66.6	67.6	68.1	68.2	68.5	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.7
IV 14000	38.1	66.0	67.6	68.6	69.1	69.2	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.7
IV 12000	38.9	67.8	69.4	70.5	71.0	71.1	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.7
IV 10000	40.1	69.8	71.5	72.6	73.2	73.2	73.6	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.9
IV 9000	40.7	70.7	72.4	73.6	74.1	74.2	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.9
IV 8000	41.8	72.7	74.4	75.6	76.1	76.2	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.9
IV 7000	42.8	74.4	76.4	77.6	78.1	78.3	78.7	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	79.1
IV 6000	43.4	76.1	78.0	79.3	79.8	79.9	80.4	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.8
IV 5000	43.8	77.5	79.6	81.0	81.6	81.7	82.2	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.6
IV 4500	44.2	79.1	81.3	82.6	83.2	83.4	83.9	83.9	83.9	84.0	84.0	84.0	84.1	84.1	84.1	84.2
IV 4000	44.4	80.4	82.8	84.2	84.8	84.9	85.4	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.8
IV 3500	45.0	81.7	84.2	85.6	86.2	86.4	86.9	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.3
IV 3000	45.2	82.3	84.9	86.4	87.1	87.3	87.8	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.1
IV 2500	45.5	83.2	85.9	87.6	88.4	88.5	89.1	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.5
IV 2000	46.0	84.1	87.0	88.8	89.7	89.9	90.5	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.9
IV 1800	46.1	84.5	87.4	89.4	90.3	90.5	91.1	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.5
IV 1500	46.2	84.6	87.6	89.7	90.6	90.8	91.5	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.9
IV 1200	46.4	85.2	88.2	90.3	91.2	91.4	92.1	92.4	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.8
IV 1000	46.5	85.3	88.4	90.5	91.4	91.7	92.4	92.6	92.7	92.8	93.0	93.0	93.0	93.0	93.0	93.2
IV 900	46.5	85.5	88.5	90.7	91.7	91.9	92.6	92.9	93.0	93.1	93.3	93.3	93.3	93.3	93.3	93.5
IV 800	46.5	85.6	88.7	90.9	91.9	92.1	92.9	93.3	93.3	93.5	93.7	93.7	93.7	93.7	93.7	93.9
IV 700	46.6	85.8	89.0	91.2	92.3	92.5	93.4	93.8	93.8	94.0	94.2	94.2	94.3	94.3	94.3	94.4
IV 600	46.7	86.0	89.2	91.5	92.7	92.9	93.8	94.2	94.4	94.6	94.8	94.8	94.9	94.9	95.0	95.1
IV 500	46.7	86.1	89.3	91.6	92.9	93.2	94.3	94.9	95.0	95.5	95.6	95.6	95.8	95.8	95.8	96.0
IV 400	46.8	86.2	89.5	91.8	93.3	93.7	95.0	95.7	95.8	96.3	96.5	96.5	96.7	96.7	96.8	96.9
IV 300	46.8	86.3	89.6	91.9	93.4	93.9	95.5	96.3	96.5	97.1	97.3	97.3	97.5	97.5	97.6	97.7
IV 200	46.8	86.4	89.6	92.0	93.6	94.1	95.8	96.7	96.9	97.7	97.9	97.9	98.2	98.2	98.4	98.5
IV 100	46.8	86.4	89.6	92.0	93.6	94.1	95.8	96.8	97.1	98.0	98.2	98.2	98.7	98.7	98.9	99.2
IV 0	46.8	86.4	89.6	92.0	93.6	94.1	95.8	96.8	97.1	98.0	98.2	98.2	98.7	98.7	99.2	99.6

TOTAL NUMBER OF OBSERVATIONS

2683

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 ANDREWS AFB WASHINGTON D.C.

43-71

NAV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

5000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	28.7	49.0	50.4	51.0	51.4	51.4	51.9	51.9	51.9	52.1	52.1	52.1	52.2	52.2	52.2	52.6
≥ 20000	31.8	55.1	57.5	58.7	59.4	59.4	60.0	60.2	60.2	60.4	60.5	60.5	60.5	60.5	60.6	61.0
IV 18000	31.9	55.2	57.6	58.9	59.5	59.5	60.2	60.3	60.4	60.5	60.6	60.6	60.7	60.7	60.7	61.1
IV 16000	32.1	55.4	57.9	59.1	59.7	59.8	60.4	60.5	60.6	60.8	60.8	60.8	60.9	60.9	61.0	61.4
IV 14000	32.4	56.1	58.5	59.7	60.4	60.4	61.0	61.2	61.2	61.4	61.5	61.5	61.6	61.6	61.7	62.0
IV 12000	33.4	58.0	60.6	61.9	62.5	62.7	63.3	63.4	63.5	63.7	63.7	63.7	63.8	63.8	63.9	64.2
IV 10000	35.2	61.4	64.1	65.5	66.2	66.3	66.9	67.1	67.1	67.3	67.3	67.3	67.5	67.5	67.5	67.9
IV 9000	36.0	62.5	65.3	66.8	67.5	67.7	68.3	68.4	68.5	68.7	68.7	68.7	68.8	68.8	68.9	69.3
IV 8000	37.1	64.8	67.5	69.1	69.8	70.0	70.6	70.7	70.8	71.0	71.0	71.0	71.1	71.1	71.2	71.6
IV 7000	38.3	66.8	69.5	71.1	71.8	72.0	72.6	72.8	72.8	73.0	73.1	73.1	73.2	73.2	73.3	73.7
IV 6000	39.0	68.7	71.4	73.0	73.8	73.9	74.5	74.7	74.8	75.0	75.0	75.0	75.1	75.1	75.2	75.6
IV 5000	40.4	71.9	74.8	76.5	77.3	77.5	78.1	78.3	78.4	78.6	78.6	78.6	78.8	78.8	78.8	79.2
IV 4500	40.8	73.5	76.4	78.1	79.0	79.1	79.8	80.0	80.0	80.2	80.3	80.3	80.4	80.4	80.5	80.9
IV 4000	41.3	74.8	77.8	79.6	80.5	80.6	81.3	81.5	81.5	81.7	81.8	81.8	81.9	81.9	82.0	82.4
IV 3500	41.6	75.8	78.8	80.8	81.8	81.9	82.6	82.8	82.8	83.0	83.0	83.0	83.2	83.2	83.3	83.6
IV 3000	42.0	76.9	80.2	82.2	83.3	83.4	84.2	84.4	84.5	84.7	84.7	84.7	84.9	84.9	85.0	85.4
IV 2500	42.3	77.9	81.3	83.4	84.5	84.7	85.4	85.7	85.8	86.0	86.1	86.1	86.2	86.2	86.3	86.7
IV 2000	42.5	79.1	82.5	84.8	86.0	86.2	87.1	87.4	87.4	87.7	87.7	87.7	87.9	87.9	87.9	88.3
IV 1800	42.5	79.3	82.6	85.0	86.2	86.4	87.3	87.6	87.7	87.9	87.9	87.9	88.1	88.1	88.2	88.6
IV 1500	42.7	80.0	83.4	85.8	87.1	87.3	88.2	88.6	88.6	88.9	88.9	88.9	89.1	89.1	89.2	89.6
IV 1200	43.0	80.6	84.1	86.6	87.9	88.1	89.1	89.5	89.6	89.8	89.9	89.9	90.0	90.0	90.1	90.5
IV 1000	43.2	81.0	84.5	87.1	88.4	88.7	89.7	90.2	90.2	90.5	90.5	90.5	90.7	90.7	90.9	91.3
IV 900	43.2	81.1	84.7	87.4	88.7	89.0	90.1	90.5	90.6	90.8	90.9	90.9	91.1	91.1	91.2	91.6
IV 800	43.2	81.1	84.7	87.5	88.9	89.2	90.4	90.8	90.9	91.1	91.2	91.2	91.4	91.4	91.5	91.9
IV 700	43.2	81.4	85.0	87.8	89.3	89.7	90.8	91.3	91.4	91.6	91.7	91.7	91.9	91.9	92.0	92.4
IV 600	43.3	81.7	85.4	88.3	89.9	90.4	91.8	92.2	92.4	92.6	92.7	92.7	92.9	92.9	93.1	93.5
IV 500	43.3	81.8	85.5	88.5	90.2	90.7	92.1	92.9	93.0	93.4	93.5	93.5	93.7	93.7	93.9	94.4
IV 400	43.3	81.8	85.6	88.9	90.7	91.2	92.9	93.9	94.0	94.6	94.8	94.8	95.0	95.0	95.2	95.7
IV 300	43.3	81.9	85.7	88.9	90.9	91.5	93.4	94.5	94.7	95.4	95.6	95.6	95.8	95.8	96.0	96.6
IV 200	43.3	81.9	85.7	88.9	90.9	91.6	93.5	95.2	95.5	96.3	96.7	96.7	97.0	97.1	97.3	98.1
IV 100	43.3	81.9	85.7	89.0	91.0	91.7	93.7	95.4	95.7	96.8	97.2	97.2	97.7	97.7	98.0	98.8
IV 0	43.3	81.9	85.7	89.0	91.0	91.7	93.7	95.4	95.7	96.8	97.2	97.2	97.7	97.7	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS

2603

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 ANDREWS AFB WASHINGTON D.C.

43-71

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0100-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥0.8	≥0.6	≥0.5	≥0.4	≥0.3	≥0.2
NO CEILING	26.0	47.0	48.8	50.0	50.3	50.3	50.9	51.0	51.1	51.2	51.2	51.2	51.2	51.2	51.4	51.7
IV 20000	29.2	53.1	55.8	57.7	58.2	58.4	59.1	59.2	59.2	59.3	59.5	59.5	59.5	59.5	59.7	60.1
IV 18000	29.2	53.2	55.9	57.7	58.3	58.5	59.1	59.3	59.3	59.4	59.5	59.5	59.5	59.6	59.8	60.1
IV 16000	29.3	53.3	56.0	57.8	58.4	58.6	59.3	59.4	59.4	59.5	59.6	59.6	59.6	59.7	59.9	60.3
IV 14000	29.7	53.8	56.5	58.3	58.9	59.1	59.8	59.9	59.9	60.0	60.1	60.1	60.2	60.2	60.4	60.8
IV 12000	30.2	55.5	58.4	60.3	60.9	61.1	61.7	61.8	61.9	62.0	62.1	62.1	62.1	62.1	62.3	62.7
IV 10000	32.2	58.7	61.6	63.6	64.3	64.4	65.1	65.3	65.3	65.4	65.6	65.6	65.6	65.6	65.8	66.2
IV 9000	32.7	59.8	62.7	64.6	65.3	65.5	66.2	66.3	66.4	66.5	66.6	66.6	66.6	66.6	66.8	67.2
IV 8000	33.6	61.8	64.7	66.8	67.6	67.8	68.5	68.7	68.7	68.9	69.0	69.0	69.0	69.0	69.2	69.6
IV 7000	34.8	64.1	67.1	69.3	70.0	70.2	71.0	71.1	71.2	71.3	71.4	71.4	71.5	71.5	71.7	72.1
IV 6000	35.6	65.9	69.2	71.3	72.2	72.4	73.2	73.3	73.4	73.5	73.6	73.6	73.7	73.7	73.9	74.3
IV 5000	37.1	69.1	72.5	75.0	75.9	76.1	76.9	77.1	77.1	77.3	77.4	77.4	77.4	77.4	77.6	78.0
IV 4500	37.6	70.9	74.5	77.0	77.9	78.1	78.9	79.1	79.2	79.3	79.4	79.4	79.4	79.5	79.7	80.1
IV 4000	37.9	71.9	75.6	78.1	79.1	79.3	80.1	80.3	80.4	80.5	80.6	80.6	80.6	80.7	80.9	81.2
IV 3500	38.6	72.8	76.6	79.1	80.1	80.3	81.1	81.3	81.4	81.5	81.6	81.6	81.7	81.7	81.9	82.3
IV 3000	39.1	73.8	78.1	80.6	81.8	82.0	82.9	83.1	83.2	83.4	83.5	83.5	83.5	83.5	83.7	84.1
IV 2500	39.5	74.8	79.4	82.3	83.5	83.7	84.7	84.9	85.0	85.2	85.3	85.3	85.3	85.3	85.5	85.9
IV 2000	39.9	76.1	81.0	83.9	85.1	85.4	86.4	86.6	86.7	86.8	87.0	87.0	87.0	87.0	87.2	87.6
IV 1800	39.9	76.3	81.1	84.1	85.3	85.6	86.6	86.8	86.8	87.0	87.1	87.1	87.2	87.2	87.4	87.8
IV 1500	40.0	76.6	81.6	84.5	85.8	86.2	87.1	87.3	87.5	87.7	87.8	87.8	87.9	87.9	88.1	88.5
IV 1200	40.1	77.0	82.2	85.2	86.5	86.8	87.8	88.1	88.2	88.4	88.5	88.5	88.6	88.6	88.8	89.2
IV 1000	40.3	77.4	82.9	85.9	87.3	87.6	88.8	89.2	89.3	89.5	89.6	89.6	89.6	89.6	89.9	90.3
IV 900	40.3	77.5	82.9	86.0	87.5	87.9	89.2	89.5	89.6	89.8	89.9	89.9	90.0	90.0	90.2	90.6
IV 800	40.4	77.6	83.1	86.3	87.8	88.3	89.6	90.0	90.0	90.2	90.4	90.4	90.4	90.5	90.8	91.1
IV 700	40.4	77.8	83.4	86.7	88.3	88.8	90.1	90.6	90.6	90.8	91.0	91.0	91.1	91.1	91.4	91.8
IV 600	40.5	78.0	83.7	87.1	88.8	89.3	90.7	91.2	91.3	91.6	91.8	91.8	91.8	91.9	92.1	92.5
IV 500	40.5	78.0	83.7	87.2	89.0	89.5	91.2	91.8	91.9	92.2	92.4	92.4	92.4	92.5	92.8	93.2
IV 400	40.5	78.1	83.8	87.3	89.1	89.8	91.5	92.3	92.4	92.8	93.0	93.0	93.0	93.1	93.4	93.8
IV 300	40.5	78.2	84.0	87.6	89.5	90.3	92.2	93.3	93.6	94.1	94.4	94.4	94.5	94.5	95.0	95.4
IV 200	40.5	78.3	84.0	87.7	89.6	90.4	92.3	93.8	94.3	95.1	95.6	95.6	95.7	95.7	96.4	96.9
IV 100	40.5	78.3	84.0	87.8	89.7	90.5	92.4	94.1	94.6	95.4	95.9	95.9	96.3	96.4	97.3	98.0
IV 0	40.5	78.3	84.0	87.8	89.7	90.5	92.4	94.1	94.6	95.4	96.0	96.0	96.4	96.5	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS

2607

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705

ANDREWS AFB WASHINGTON D C

43-71

NAV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1.5	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥0
NO CEILING	20.3	39.7	42.1	44.1	45.0	45.1	45.4	45.5	45.6	45.9	46.2	46.2	46.3	46.3	46.4	46.6
IV 20000	23.6	46.3	49.4	52.2	54.0	54.7	55.1	55.5	55.6	55.9	56.3	56.3	56.5	56.5	56.7	56.9
IV 18000	23.7	46.5	49.7	52.5	54.4	55.0	55.4	55.8	55.9	56.2	56.6	56.6	56.8	56.8	57.0	57.2
IV 16000	23.8	46.8	50.0	52.8	54.7	55.3	55.8	56.1	56.3	56.6	56.9	57.0	57.1	57.2	57.3	57.6
IV 14000	24.4	47.9	51.1	53.9	55.8	56.4	56.9	57.3	57.4	57.7	58.1	58.1	58.3	58.3	58.5	58.7
IV 12000	25.1	49.6	53.0	56.0	57.9	58.6	59.2	59.6	59.7	60.0	60.4	60.4	60.6	60.6	60.8	61.0
IV 10000	26.6	52.4	56.0	59.2	61.3	62.0	62.6	63.1	63.3	63.6	63.9	64.0	64.1	64.1	64.3	64.6
IV 9000	27.0	53.5	57.2	60.5	62.6	63.3	64.0	64.5	64.6	64.9	65.3	65.3	65.5	65.5	65.6	65.9
IV 8000	27.9	55.4	59.3	62.7	64.9	65.6	66.2	66.9	67.0	67.4	67.8	67.8	68.0	68.1	68.2	68.5
IV 7000	28.7	57.2	61.3	64.9	67.2	67.9	68.5	69.1	69.3	69.7	70.1	70.1	70.3	70.3	70.5	70.8
IV 6000	29.3	58.6	62.8	66.6	69.0	69.7	70.4	71.0	71.1	71.6	71.9	71.9	72.2	72.2	72.4	72.7
IV 5000	30.9	61.7	66.4	70.6	73.0	73.7	74.4	75.0	75.1	75.6	75.9	76.0	76.2	76.3	76.4	76.7
IV 4500	31.2	62.7	67.6	71.6	74.2	74.9	75.6	76.2	76.4	76.8	77.2	77.2	77.5	77.5	77.7	78.0
IV 4000	31.7	64.0	69.0	73.3	76.0	76.7	77.4	78.0	78.2	78.7	79.0	79.0	79.3	79.3	79.5	79.8
IV 3500	32.2	65.2	70.4	74.8	77.6	78.3	79.0	79.7	79.8	80.3	80.7	80.7	81.0	81.0	81.2	81.5
IV 3000	32.6	66.6	71.9	76.4	79.4	80.2	81.0	81.8	82.0	82.5	82.8	82.9	83.2	83.2	83.4	83.7
IV 2500	32.7	67.3	72.6	77.3	80.6	81.3	82.3	83.3	83.5	84.0	84.4	84.5	84.8	84.8	85.0	85.3
IV 2000	32.9	68.0	73.6	78.4	81.7	82.5	83.5	84.5	84.7	85.3	85.6	85.7	86.0	86.0	86.2	86.5
IV 1800	32.9	68.1	73.7	78.5	81.9	82.7	83.7	84.7	84.9	85.5	85.8	85.9	86.2	86.2	86.4	86.7
IV 1500	33.1	68.5	74.2	79.1	82.5	83.3	84.3	85.3	85.5	86.1	86.4	86.5	86.8	86.9	87.0	87.3
IV 1200	33.2	69.1	74.7	79.8	83.2	84.0	85.1	86.1	86.3	86.9	87.3	87.3	87.6	87.7	87.8	88.1
IV 1000	33.5	69.6	75.6	80.5	84.0	84.8	86.0	87.1	87.3	87.9	88.3	88.4	88.7	88.8	88.9	89.2
IV 900	33.5	69.6	75.4	80.6	84.2	85.1	86.3	87.4	87.6	88.3	88.6	88.7	89.0	89.1	89.2	89.5
IV 800	33.5	69.8	75.7	81.0	84.7	85.7	87.0	88.2	88.3	89.0	89.4	89.5	89.8	89.9	90.0	90.3
IV 700	33.6	69.9	75.9	81.3	85.1	86.1	87.6	88.8	89.0	89.7	90.2	90.2	90.6	90.6	90.7	91.1
IV 600	33.6	70.0	76.0	81.6	85.5	86.5	88.1	89.4	89.7	90.5	91.1	91.1	91.4	91.5	91.6	92.0
IV 500	33.6	70.3	76.4	82.0	86.1	87.3	89.0	90.5	90.7	91.7	92.3	92.4	92.7	92.8	92.9	93.3
IV 400	33.6	70.3	76.4	82.0	86.2	87.4	89.2	90.9	91.3	92.4	93.1	93.1	93.5	93.6	93.7	94.1
IV 300	33.6	70.5	76.5	82.2	86.4	87.6	89.8	91.8	92.2	93.4	94.3	94.5	95.0	95.1	95.5	96.0
IV 200	33.7	70.4	76.6	82.3	86.5	87.7	89.9	91.9	92.4	93.7	94.9	95.2	95.9	96.1	96.5	97.2
IV 100	33.7	70.4	76.6	82.3	86.5	87.7	89.9	91.9	92.4	93.7	95.0	95.3	96.2	96.5	97.1	98.2
IV 0	33.7	70.4	76.6	82.3	86.5	87.7	89.9	91.9	92.4	93.7	95.1	95.4	96.3	96.6	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS

2605

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 STATION ANDREWS AFB WASHINGTON D C

43-71 YEARS

NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0400-1100

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.5	≥.5	≥.5	≥.5	≥.5
NO CEILING	22.8	38.9	40.7	41.7	42.5	42.8	43.0	43.2	43.3	43.4	43.5	43.5	43.5	43.5	43.5	43.5
IV 20000	28.5	48.9	51.4	53.2	54.5	54.8	55.2	55.5	55.5	55.7	55.7	55.7	55.8	55.8	55.8	55.8
IV 18000	28.5	49.3	51.8	53.7	54.9	55.3	55.7	55.9	56.0	56.1	56.2	56.2	56.2	56.2	56.2	56.2
IV 16000	28.7	49.8	52.2	54.1	55.4	55.7	56.1	56.4	56.4	56.5	56.6	56.6	56.7	56.7	56.7	56.7
IV 14000	29.1	50.8	53.3	55.2	56.5	57.0	57.4	57.6	57.7	57.8	57.9	57.9	57.9	57.9	57.9	57.9
IV 12000	30.7	53.8	56.4	58.4	59.8	60.3	60.7	61.0	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3
IV 10000	31.7	56.5	59.7	61.9	63.5	64.0	64.7	65.0	65.1	65.2	65.3	65.3	65.3	65.3	65.3	65.3
IV 9000	32.4	57.5	60.7	62.9	64.6	65.1	65.8	66.1	66.2	66.3	66.4	66.4	66.4	66.4	66.4	66.4
IV 8000	32.9	59.1	62.5	64.8	66.4	67.0	67.7	68.1	68.2	68.3	68.4	68.4	68.4	68.4	68.4	68.5
IV 7000	33.6	60.5	64.1	66.3	68.3	69.0	69.7	70.1	70.2	70.3	70.4	70.4	70.5	70.5	70.5	70.5
IV 6000	34.2	62.2	65.9	68.5	70.5	71.2	71.9	72.3	72.4	72.6	72.7	72.7	72.7	72.7	72.7	72.7
IV 5000	35.0	64.5	68.6	71.4	73.6	74.2	75.0	75.5	75.6	75.7	75.8	75.8	75.9	75.9	75.9	75.9
IV 4500	35.4	65.4	69.5	72.4	74.6	75.3	76.1	76.5	76.7	76.8	76.9	76.9	76.9	76.9	77.0	77.0
IV 4000	36.4	66.9	71.3	74.4	76.7	77.4	78.2	78.7	78.8	78.9	79.0	79.0	79.0	79.0	79.1	79.1
IV 3500	36.7	68.1	72.7	76.1	78.4	79.1	79.9	80.4	80.5	80.7	80.8	80.8	80.8	80.8	80.8	80.8
IV 3000	37.1	69.4	74.4	77.9	80.2	81.1	82.1	82.7	82.8	83.0	83.1	83.1	83.1	83.1	83.1	83.1
IV 2500	37.8	70.4	75.5	79.2	81.6	82.5	83.5	84.2	84.3	84.5	84.6	84.6	84.6	84.6	84.6	84.6
IV 2000	38.2	71.5	76.7	80.5	83.0	84.0	85.1	85.8	86.0	86.1	86.2	86.2	86.3	86.3	86.3	86.3
IV 1800	38.2	71.7	77.0	80.7	83.3	84.2	85.4	86.1	86.2	86.3	86.4	86.4	86.5	86.5	86.5	86.5
IV 1500	38.5	72.1	77.6	81.4	83.9	84.9	86.1	86.8	87.0	87.2	87.4	87.4	87.4	87.4	87.5	87.5
IV 1200	38.6	72.8	78.5	82.4	85.0	86.0	87.3	88.0	88.2	88.4	88.6	88.6	88.7	88.7	88.7	88.7
IV 1000	38.8	73.2	79.2	83.1	85.7	86.7	88.0	88.8	88.9	89.2	89.4	89.4	89.5	89.5	89.5	89.5
IV 900	38.8	73.3	79.3	83.4	86.0	87.0	88.3	89.2	89.3	89.6	89.8	89.8	89.9	89.9	89.9	89.9
IV 800	38.8	73.4	79.5	83.8	86.4	87.5	89.0	89.9	90.1	90.5	90.6	90.6	90.8	90.8	90.8	90.8
IV 700	38.8	73.6	79.8	84.1	87.0	88.1	89.8	90.9	91.1	91.5	91.7	91.7	91.9	91.9	91.9	91.9
IV 600	38.8	73.8	80.0	84.4	87.4	88.6	90.5	91.9	92.1	92.5	92.7	92.7	92.9	92.9	92.9	92.9
IV 500	38.8	73.9	80.3	84.8	88.1	89.4	91.3	93.0	93.2	93.8	94.2	94.2	94.4	94.4	94.4	94.4
IV 400	38.9	74.0	80.3	85.0	88.4	89.9	92.1	94.0	94.3	95.2	95.7	95.7	96.0	96.0	96.0	96.0
IV 300	38.9	74.0	80.4	85.1	88.6	90.1	92.5	94.7	95.1	96.2	97.0	97.1	97.7	97.7	97.9	97.9
IV 200	38.9	74.0	80.4	85.1	88.7	90.2	92.6	95.0	95.4	96.7	97.7	97.9	98.6	98.7	98.8	99.1
IV 100	38.9	74.0	80.4	85.1	88.7	90.2	92.7	95.0	95.4	96.7	97.8	97.9	98.7	98.7	99.0	99.7
IV 0	38.9	74.0	80.4	85.1	88.7	90.2	92.7	95.0	95.4	96.7	97.8	97.9	98.7	98.7	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2605

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13703 ANDREWS AFB WASHINGTON D.C.

43-71

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	28.4	40.2	41.3	41.7	42.0	42.0	42.0	42.1	42.3	42.3	42.4	42.4	42.5	42.5	42.5	42.5
≥ 20000	35.8	52.5	54.1	55.1	55.5	55.7	55.8	55.9	56.0	56.1	56.2	56.2	56.2	56.2	56.2	56.2
IV 18000	36.1	52.9	54.6	55.5	56.0	56.2	56.2	56.4	56.5	56.5	56.6	56.6	56.7	56.7	56.7	56.7
IV 16000	36.7	53.9	55.5	56.5	56.9	57.1	57.2	57.3	57.4	57.5	57.6	57.6	57.7	57.7	57.7	57.7
IV 14000	37.4	54.8	56.5	57.5	58.0	58.2	58.2	58.3	58.5	58.5	58.6	58.6	58.7	58.7	58.7	58.7
IV 12000	38.8	57.7	59.5	60.6	61.1	61.3	61.4	61.5	61.6	61.7	61.8	61.8	61.8	61.8	61.8	61.8
IV 10000	39.7	60.3	62.4	63.6	64.1	64.3	64.5	64.6	64.8	64.8	64.9	64.9	65.0	65.0	65.0	65.0
IV 9000	40.1	60.9	63.1	64.3	64.9	65.1	65.3	65.5	65.6	65.7	65.8	65.8	65.9	65.9	65.9	65.9
IV 8000	40.7	62.3	64.8	66.2	66.8	67.1	67.3	67.4	67.6	67.6	67.8	67.8	67.9	67.9	67.9	67.9
IV 7000	41.5	64.0	66.6	68.3	68.9	69.2	69.5	69.7	69.8	69.9	70.0	70.0	70.1	70.1	70.1	70.1
IV 6000	42.1	65.5	68.4	70.1	70.8	71.1	71.4	71.6	71.7	71.7	71.9	71.9	72.0	72.0	72.0	72.0
IV 5000	43.2	67.5	70.5	72.3	73.1	73.5	73.9	74.0	74.2	74.3	74.4	74.4	74.5	74.5	74.5	74.5
IV 4500	44.2	68.9	71.9	73.8	74.5	74.9	75.4	75.5	75.7	75.8	75.9	75.9	76.0	76.0	76.0	76.0
IV 4000	46.0	72.1	75.2	77.3	78.2	78.6	79.1	79.2	79.3	79.5	79.6	79.6	79.7	79.7	79.7	79.7
IV 3500	46.9	74.0	77.4	79.4	80.5	81.0	81.5	81.7	81.8	82.0	82.1	82.1	82.2	82.2	82.2	82.2
IV 3000	48.1	76.3	79.7	81.9	83.2	83.7	84.3	84.5	84.6	84.8	85.0	85.0	85.1	85.1	85.1	85.1
IV 2500	48.9	77.6	81.1	83.5	84.8	85.4	86.0	86.2	86.4	86.6	86.7	86.7	86.8	86.8	86.8	86.8
IV 2000	49.3	78.8	82.5	85.0	86.5	87.1	87.7	88.0	88.1	88.4	88.5	88.5	88.6	88.6	88.6	88.6
IV 1800	49.4	79.1	82.8	85.4	87.0	87.5	88.1	88.4	88.6	88.8	88.9	88.9	89.1	89.1	89.1	89.1
IV 1500	49.9	80.2	84.0	86.8	88.4	88.9	89.6	89.9	90.1	90.4	90.5	90.5	90.6	90.6	90.6	90.6
IV 1200	49.9	80.6	84.8	87.6	89.3	89.9	90.6	90.9	91.1	91.5	91.6	91.6	91.7	91.7	91.7	91.7
IV 1000	50.1	80.8	85.3	88.3	90.0	90.6	91.4	91.9	92.0	92.5	92.6	92.6	92.8	92.8	92.8	92.8
IV 900	50.1	81.1	85.6	88.6	90.4	91.0	91.8	92.3	92.4	92.9	93.0	93.0	93.2	93.2	93.2	93.2
IV 800	50.1	81.4	86.0	89.1	91.1	91.7	92.7	93.2	93.3	93.9	94.0	94.0	94.2	94.2	94.2	94.2
IV 700	50.1	81.5	86.1	89.4	91.4	92.3	93.4	94.0	94.2	94.8	95.0	95.0	95.2	95.2	95.2	95.2
IV 600	50.1	81.6	86.3	89.6	91.8	92.8	93.9	94.6	94.9	95.5	95.7	95.7	95.9	95.9	95.9	95.9
IV 500	50.1	81.6	86.3	89.8	92.1	93.1	94.4	95.3	95.6	96.4	96.6	96.6	96.9	96.9	96.9	96.9
IV 400	50.1	81.7	86.4	89.8	92.3	93.4	94.8	96.1	96.5	97.4	97.8	97.9	98.2	98.2	98.2	98.2
IV 300	50.1	81.7	86.4	89.9	92.4	93.5	95.2	96.7	97.1	98.2	98.7	98.7	99.0	99.0	99.1	99.1
IV 200	50.1	81.7	86.4	89.9	92.4	93.6	95.2	97.0	97.5	98.6	99.2	99.3	99.6	99.6	99.7	99.8
IV 100	50.1	81.7	86.4	89.9	92.4	93.6	95.2	97.0	97.5	98.7	99.3	99.3	99.7	99.7	99.8	100.0
IV 0	50.1	81.7	86.4	89.9	92.4	93.6	95.2	97.0	97.5	98.7	99.3	99.3	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS

2605

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 STATION ANDREWS AFB WASHINGTON D C 43-71 YEARS NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 HOURS 1 ST

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥0.75	≥0.5	≥0.25	≥0.1	≥0	≥0
NO CEILING	28.6	42.1	42.8	43.1	43.5	43.5	43.5	43.6	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.9
IV 20000	35.3	53.3	54.7	55.4	55.8	55.9	56.0	56.1	56.2	56.4	56.4	56.4	56.4	56.4	56.4	56.4
IV 18000	35.5	53.6	55.0	55.7	56.1	56.2	56.4	56.5	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.8
IV 16000	35.8	54.1	55.6	56.2	56.6	56.8	56.9	57.0	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3
IV 14000	37.0	55.8	57.4	58.0	58.4	58.6	58.7	58.8	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.2
IV 12000	38.7	59.0	60.7	61.4	61.8	62.1	62.3	62.5	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.8
IV 10000	40.2	61.5	63.4	64.2	64.6	64.9	65.1	65.3	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.6
IV 9000	40.7	62.5	64.4	65.2	65.7	66.0	66.3	66.4	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.7
IV 8000	41.3	64.4	66.6	67.5	68.1	68.4	68.7	68.8	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1
IV 7000	42.0	66.0	68.3	69.3	69.9	70.2	70.6	70.7	70.8	70.9	70.9	70.9	70.9	70.9	70.9	71.0
IV 6000	42.8	67.6	70.0	71.1	72.0	72.3	72.7	72.8	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 5000	44.4	70.6	73.2	74.6	75.6	75.9	76.3	76.4	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 4500	45.4	72.3	75.0	76.3	77.4	77.6	78.0	78.2	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.5
IV 4000	46.9	75.1	77.9	79.5	80.7	81.0	81.5	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.9
IV 3500	47.7	76.7	79.7	81.6	82.8	83.1	83.7	83.8	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IV 3000	48.1	78.4	81.7	83.8	85.1	85.5	86.3	86.5	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 2500	48.3	79.3	82.9	85.2	86.6	86.9	87.7	88.1	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 2000	48.4	80.0	83.6	86.3	87.7	88.1	89.1	89.6	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 1800	48.5	80.3	83.9	86.6	88.0	88.5	89.5	90.0	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.4
IV 1500	48.6	80.8	84.6	87.4	89.1	89.6	90.6	91.2	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.6
IV 1200	48.6	81.1	85.0	88.1	89.8	90.4	91.5	92.1	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.6
IV 1000	48.7	81.4	85.5	88.6	90.5	91.1	92.2	93.0	93.1	93.4	93.4	93.4	93.4	93.4	93.5	93.6
IV 900	48.7	81.5	85.6	88.8	90.7	91.2	92.4	93.2	93.3	93.6	93.6	93.6	93.6	93.7	93.7	93.7
IV 800	48.7	81.5	85.8	89.0	91.0	91.6	92.8	93.6	93.7	94.0	94.1	94.1	94.2	94.2	94.2	94.2
IV 700	48.7	81.6	85.9	89.2	91.4	91.9	93.2	94.2	94.3	94.7	94.7	94.7	94.8	94.8	94.8	94.9
IV 600	48.7	81.8	86.1	89.4	91.6	92.3	93.6	94.7	94.8	95.2	95.4	95.4	95.4	95.4	95.4	95.5
IV 500	48.7	81.9	86.3	89.8	92.1	92.9	94.4	95.6	95.7	96.2	96.4	96.4	96.6	96.7	96.7	96.7
IV 400	48.7	82.0	86.4	90.0	92.4	93.2	94.8	96.4	96.5	97.1	97.4	97.4	97.6	97.7	97.8	97.9
IV 300	48.7	82.1	86.5	90.1	92.5	93.4	95.2	96.8	97.0	97.8	98.2	98.2	98.6	98.8	98.9	99.0
IV 200	48.7	82.1	86.6	90.2	92.6	93.5	95.3	97.0	97.3	98.2	98.7	98.7	99.2	99.3	99.5	99.6
IV 100	48.7	82.1	86.6	90.2	92.6	93.5	95.3	97.0	97.3	98.2	98.7	98.7	99.2	99.4	99.6	99.8
IV 0	48.7	82.1	86.6	90.2	92.6	93.5	95.3	97.0	97.3	98.2	98.7	98.7	99.2	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2605

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 ANDREWS AFB WASHINGTON D C

43-71

NPV

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2000
MOONS 1.51

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥.	≥0
NO CEILING	29.4	47.9	48.9	49.8	50.1	50.1	50.3	50.3	50.3	50.3	50.3	50.4	50.4	50.4	50.4	50.4
IV 20000	33.3	56.2	58.1	59.4	59.8	59.8	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
IV 18000	33.7	56.7	58.6	59.9	60.4	60.4	60.7	60.7	60.7	60.7	60.7	60.8	60.8	60.8	60.8	60.8
IV 16000	34.0	57.2	59.1	60.4	60.8	60.9	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
IV 14000	34.5	58.1	60.0	61.3	61.7	61.8	62.1	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2
IV 12000	36.2	61.2	63.2	64.5	64.9	65.0	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 10000	37.3	63.6	65.8	67.2	67.6	67.7	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
IV 9000	37.8	64.8	67.1	68.5	68.9	69.1	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
IV 8000	38.8	67.1	69.6	71.0	71.5	71.6	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
IV 7000	39.7	69.1	71.6	73.1	73.6	73.7	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 6000	40.4	70.9	73.4	75.0	75.5	75.7	76.2	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4
IV 5000	42.4	74.8	77.5	79.2	80.0	80.1	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IV 4500	42.8	76.2	78.9	80.7	81.5	81.6	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 4000	43.4	77.9	80.6	82.7	83.5	83.6	84.3	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5
IV 3500	43.9	79.1	82.0	84.2	85.0	85.1	85.8	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0
IV 3000	44.2	80.2	83.3	85.6	86.4	86.5	87.2	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5
IV 2500	44.6	81.4	84.6	87.0	87.8	87.9	88.6	88.8	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0
IV 2000	44.7	82.2	85.5	88.0	88.9	89.0	89.7	89.9	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1
IV 1800	44.7	82.4	85.7	88.2	89.0	89.2	89.9	90.1	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3
IV 1500	44.7	83.0	86.3	89.2	90.1	90.3	91.1	91.4	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6
IV 1200	44.8	83.6	87.2	90.1	91.2	91.3	92.3	92.6	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8
IV 1000	44.8	84.0	87.7	90.6	91.7	91.9	92.8	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3
IV 900	44.8	84.1	87.7	90.7	91.8	92.0	93.0	93.3	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5
IV 800	44.9	84.3	88.0	91.1	92.2	92.5	93.4	93.8	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0
IV 700	44.9	84.4	88.2	91.2	92.4	92.7	93.7	94.2	94.2	94.3	94.5	94.5	94.5	94.5	94.5	94.5
IV 600	44.9	84.5	88.4	91.5	92.7	93.1	94.2	94.8	94.8	95.0	95.2	95.2	95.2	95.2	95.2	95.2
IV 500	44.9	84.6	88.4	91.7	93.1	93.5	94.7	95.6	95.6	95.8	96.0	96.0	96.0	96.0	96.0	96.0
IV 400	44.9	84.7	88.5	91.8	93.4	94.0	95.4	96.3	96.5	96.8	97.0	97.0	97.0	97.0	97.0	97.0
IV 300	44.9	84.7	88.5	91.9	93.6	94.2	95.7	96.9	96.9	97.3	97.5	97.5	97.7	97.7	97.7	97.9
IV 200	44.9	84.7	88.6	92.0	93.7	94.3	95.9	97.2	97.3	97.8	98.2	98.2	98.4	98.4	98.6	98.7
IV 100	44.9	84.8	88.7	92.0	93.7	94.3	96.0	97.3	97.3	98.0	98.4	98.4	98.8	98.8	99.0	99.2
IV 0	44.9	84.8	88.7	92.0	93.7	94.3	96.0	97.3	97.3	98.0	98.4	98.4	98.8	98.8	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS

2601

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 STATION ANDREWS AFB WASHINGTON D C 43-71 YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	30.2	49.8	51.0	51.5	51.8	51.8	52.0	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.3
IV 20000	33.8	56.8	58.8	60.0	60.4	60.4	60.8	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.1
IV 18000	34.0	57.1	59.2	60.3	60.8	60.8	61.2	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.5
IV 16000	34.3	57.7	59.7	60.9	61.3	61.3	61.7	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	62.0
IV 14000	34.7	58.7	60.8	62.0	62.4	62.5	62.8	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.1	63.1
IV 12000	35.9	61.0	63.2	64.4	64.8	64.9	65.3	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.6	65.6
IV 10000	37.3	63.7	66.1	67.2	67.7	67.8	68.1	68.2	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.5
IV 9000	37.9	64.8	67.2	68.4	69.0	69.1	69.4	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.8	69.8
IV 8000	39.5	67.4	69.9	71.2	71.8	71.9	72.3	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.6	72.6
IV 7000	40.8	69.7	72.2	73.5	74.1	74.2	74.6	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.9	75.0
IV 6000	41.5	71.2	73.8	75.1	75.7	75.7	76.2	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.5	76.6
IV 5000	43.0	74.8	77.6	79.0	79.6	79.6	80.1	80.2	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.5
IV 4500	43.4	75.9	78.9	80.3	80.9	80.9	81.4	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.8
IV 4000	43.7	77.1	80.2	81.7	82.3	82.4	82.9	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.2	83.3
IV 3500	43.8	77.7	81.1	82.7	83.5	83.6	84.1	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.4	84.5
IV 3000	44.1	79.2	82.7	84.4	85.3	85.4	85.9	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.4	86.4
IV 2500	44.4	80.6	84.2	85.9	87.0	87.1	87.7	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.1	88.2
IV 2000	44.7	81.6	85.7	87.5	88.6	88.7	89.4	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.8	89.9
IV 1800	44.7	81.8	85.9	87.8	88.9	89.0	89.7	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.2	90.3
IV 1500	44.8	82.6	86.8	88.8	90.0	90.2	90.9	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.3	91.4
IV 1200	44.9	83.0	87.4	89.5	90.9	91.0	91.8	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.4
IV 1000	44.9	83.2	87.6	89.8	91.2	91.3	92.1	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.6	92.7
IV 900	45.0	83.4	87.9	90.1	91.5	91.7	92.4	92.7	92.7	92.9	92.9	92.9	92.9	92.9	93.0	93.1
IV 800	45.0	83.5	88.0	90.3	91.7	91.9	92.7	92.9	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.4
IV 700	45.0	83.7	88.2	90.5	92.0	92.2	93.0	93.2	93.3	93.5	93.5	93.5	93.5	93.5	93.6	93.7
IV 600	45.0	83.9	88.4	90.9	92.5	92.7	93.5	93.9	94.0	94.2	94.2	94.2	94.2	94.2	94.3	94.4
IV 500	45.0	83.9	88.5	91.0	92.9	93.1	94.0	94.6	94.8	95.0	95.0	95.0	95.0	95.0	95.1	95.2
IV 400	45.0	84.1	88.6	91.2	93.1	93.3	94.7	95.6	95.9	96.2	96.3	96.3	96.3	96.3	96.4	96.5
IV 300	45.0	84.1	88.7	91.3	93.1	93.4	94.9	95.8	96.1	96.6	96.7	96.8	96.8	96.8	96.9	97.1
IV 200	45.0	84.1	88.7	91.3	93.2	93.4	95.1	96.2	96.5	97.2	97.5	97.6	97.8	97.8	98.0	98.2
IV 100	45.0	84.1	88.7	91.4	93.3	93.5	95.2	96.4	96.8	97.6	98.0	98.0	98.2	98.3	98.4	98.8
IV 0	45.0	84.1	88.7	91.4	93.3	93.5	95.3	96.4	96.8	97.6	98.0	98.1	98.3	98.3	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 2602

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 STATION ANDREWS AFB WASHINGTON D C 4371 YEARS DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 HOURS

CEILING FEET.	VISIBILITY - STATUTE MILES:															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.2	≥.16	≥.1	≥0
NO CEILING	28.3	47.4	48.7	49.4	49.6	49.6	49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	50.1
≥ 20000	32.8	54.6	56.4	57.7	58.4	58.4	58.6	58.8	58.8	58.9	58.9	58.9	59.0	59.0	59.0	59.1
IV 18000	32.9	54.7	56.5	57.7	58.5	58.5	58.7	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.2
IV 16000	33.1	55.0	56.8	58.0	58.8	58.8	59.0	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.5
IV 14000	33.5	55.6	57.4	58.8	59.5	59.5	59.7	60.0	60.0	60.0	60.0	60.0	60.1	60.1	60.1	60.2
IV 12000	34.5	57.6	59.5	61.0	61.7	61.7	61.9	62.2	62.2	62.2	62.2	62.2	62.3	62.3	62.3	62.4
IV 10000	35.0	60.3	62.2	63.8	64.6	64.6	64.9	65.1	65.1	65.2	65.2	65.2	65.3	65.3	65.3	65.4
IV 9000	36.2	61.5	63.5	65.0	65.8	65.8	66.1	66.4	66.4	66.5	66.6	66.6	66.6	66.6	66.6	66.8
IV 8000	37.2	63.4	65.5	67.2	68.0	68.0	68.3	68.6	68.7	68.8	68.9	68.9	69.0	69.0	69.0	69.1
IV 7000	38.3	65.6	67.9	69.7	70.6	70.6	71.0	71.2	71.3	71.4	71.6	71.6	71.6	71.6	71.6	71.7
IV 6000	38.8	67.2	69.6	71.4	72.3	72.3	72.7	73.0	73.1	73.2	73.3	73.3	73.4	73.4	73.4	73.5
IV 5000	40.1	71.2	73.7	75.8	77.0	77.0	77.4	77.8	77.8	78.0	78.2	78.2	78.2	78.2	78.2	78.4
IV 4500	40.7	72.3	74.9	77.1	78.4	78.5	79.0	79.4	79.5	79.7	79.9	79.9	79.9	79.9	79.9	80.1
IV 4000	41.3	73.6	76.3	78.5	79.9	80.0	80.4	80.8	81.0	81.2	81.3	81.3	81.4	81.4	81.4	81.6
IV 3500	41.9	74.8	77.7	79.9	81.3	81.4	81.9	82.3	82.5	82.7	82.9	82.9	82.9	82.9	82.9	83.1
IV 3000	42.3	75.8	78.8	81.1	82.5	82.6	83.2	83.6	83.7	84.0	84.2	84.2	84.2	84.2	84.2	84.4
IV 2500	42.5	76.3	79.3	81.6	83.1	83.3	83.9	84.3	84.5	84.8	85.0	85.0	85.0	85.0	85.1	85.2
IV 2000	42.5	76.8	80.0	82.4	83.9	84.1	84.7	85.2	85.4	85.8	85.9	85.9	86.0	86.0	86.0	86.2
IV 1800	42.6	77.5	80.7	83.2	84.8	85.0	85.8	86.3	86.5	86.9	87.1	87.1	87.1	87.1	87.1	87.3
IV 1500	42.6	77.5	80.7	83.2	84.8	85.0	85.8	86.3	86.5	86.9	87.1	87.1	87.1	87.1	87.1	87.3
IV 1200	42.8	78.1	81.5	84.0	85.9	86.1	87.0	87.6	87.8	88.3	88.5	88.5	88.5	88.5	88.5	88.8
IV 1000	42.8	78.5	81.9	84.4	86.3	86.6	87.5	88.3	88.5	89.0	89.3	89.3	89.3	89.3	89.4	89.6
IV 900	42.8	78.5	82.0	84.5	86.5	86.6	87.8	88.5	88.7	89.3	89.6	89.6	89.7	89.7	89.7	89.9
IV 800	42.9	78.8	82.3	85.0	87.0	87.3	88.3	89.1	89.4	89.9	90.2	90.2	90.3	90.3	90.4	90.6
IV 700	42.9	79.0	82.5	85.4	87.6	88.0	89.0	89.9	90.2	90.7	91.1	91.1	91.2	91.2	91.3	91.4
IV 600	42.9	79.1	82.6	85.6	88.1	88.6	89.6	90.6	90.9	91.5	91.9	91.9	92.0	92.0	92.1	92.3
IV 500	42.9	79.1	82.6	85.9	88.6	89.2	90.3	91.3	91.6	92.3	92.8	92.8	92.9	92.9	93.0	93.2
IV 400	42.9	79.1	82.7	86.0	89.0	89.6	90.7	92.0	92.3	93.1	93.6	93.7	93.9	94.0	94.1	94.4
IV 300	42.9	79.3	82.9	86.3	89.4	90.0	91.5	92.9	93.4	94.3	94.9	95.0	95.2	95.3	95.5	95.8
IV 200	42.9	79.3	82.9	86.3	89.4	90.1	91.9	93.6	94.1	95.1	95.7	95.8	96.1	96.2	96.5	96.9
IV 100	42.9	79.3	82.9	86.3	89.4	90.1	92.0	93.7	94.2	95.4	96.0	96.1	96.8	96.9	97.4	98.1
IV 0	42.9	79.3	82.9	86.3	89.4	90.1	92.0	93.7	94.3	95.5	96.1	96.2	97.0	97.1	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2690

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705- ANDREWS AFB WASHINGTON D C

43-71

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0100-0500

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	26.2	44.3	46.1	46.8	47.2	47.3	47.5	47.5	47.5	47.6	47.6	47.6	47.6	47.6	47.7	47.7
≥ 20000	30.3	51.7	53.9	55.1	56.3	56.5	56.7	56.7	56.8	56.9	56.9	56.9	56.9	56.9	57.1	57.2
IV 18000	30.4	51.9	54.1	55.3	56.5	56.7	56.9	56.9	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.4
IV 16000	30.7	52.3	54.6	55.7	56.9	57.1	57.4	57.4	57.4	57.6	57.6	57.6	57.6	57.6	57.7	57.8
IV 14000	31.1	53.4	55.6	57.0	58.2	58.4	58.7	58.7	58.7	58.8	58.8	58.8	58.9	58.9	59.0	59.1
IV 12000	32.1	55.6	58.1	59.5	60.7	60.9	61.2	61.3	61.3	61.5	61.5	61.5	61.5	61.5	61.6	61.7
IV 10000	33.0	58.3	60.7	62.2	63.5	63.7	64.0	64.2	64.2	64.5	64.5	64.5	64.5	64.5	64.6	64.7
IV 9000	33.7	59.4	62.0	63.4	64.7	64.9	65.3	65.4	65.5	65.7	65.7	65.7	65.7	65.7	65.8	65.9
IV 8000	34.7	61.7	64.2	65.7	67.1	67.4	67.7	68.0	68.0	68.3	68.5	68.5	68.5	68.5	68.6	68.7
IV 7000	35.8	63.6	66.3	68.0	69.4	69.7	70.1	70.4	70.5	70.9	71.0	71.0	71.0	71.0	71.2	71.3
IV 6000	36.4	65.4	68.2	69.9	71.4	71.7	72.1	72.4	72.5	72.9	73.0	73.0	73.1	73.1	73.2	73.3
IV 5000	37.9	69.0	72.0	73.8	75.5	75.8	76.2	76.6	76.6	77.1	77.2	77.2	77.3	77.3	77.4	77.5
IV 4500	38.9	70.5	73.5	75.4	77.1	77.6	78.0	78.4	78.4	78.9	79.0	79.0	79.0	79.0	79.2	79.3
IV 4000	39.0	71.8	74.9	76.8	78.6	79.0	79.5	79.9	80.0	80.5	80.6	80.6	80.6	80.6	80.8	80.9
IV 3500	39.6	73.1	76.3	78.3	80.1	80.5	81.0	81.4	81.5	82.0	82.1	82.1	82.2	82.2	82.4	82.5
IV 3000	39.9	74.1	77.5	79.6	81.4	81.9	82.4	82.8	82.9	83.4	83.6	83.6	83.7	83.7	83.8	84.0
IV 2500	40.0	74.8	78.1	80.2	82.1	82.6	83.1	83.5	83.6	84.1	84.3	84.3	84.4	84.4	84.6	84.7
IV 2000	40.0	75.3	78.7	81.0	82.9	83.4	84.0	84.5	84.6	85.2	85.4	85.4	85.4	85.4	85.6	85.7
IV 1800	40.0	75.5	78.9	81.2	83.1	83.7	84.2	84.7	84.9	85.4	85.6	85.6	85.7	85.7	85.8	86.0
IV 1500	40.0	75.9	79.4	81.8	83.7	84.3	85.1	85.6	85.8	86.3	86.6	86.6	86.7	86.7	86.8	87.0
IV 1200	40.1	76.3	79.8	82.3	84.3	84.8	85.6	86.2	86.4	86.9	87.2	87.2	87.2	87.2	87.4	87.5
IV 1000	40.1	76.6	80.2	82.8	85.0	85.6	86.5	87.1	87.3	87.9	88.1	88.1	88.2	88.2	88.4	88.5
IV 900	40.1	76.7	80.3	83.0	85.2	85.8	86.9	87.5	87.7	88.3	88.5	88.5	88.6	88.6	88.8	88.9
IV 800	40.1	77.0	80.7	83.5	85.7	86.4	87.5	88.3	88.5	89.1	89.4	89.4	89.5	89.5	89.6	89.8
IV 700	40.1	77.2	80.9	83.8	86.3	86.9	88.1	89.0	89.3	89.8	90.1	90.1	90.2	90.2	90.4	90.5
IV 600	40.1	77.3	81.1	84.1	86.6	87.3	88.5	89.3	89.8	90.4	90.7	90.7	90.8	90.8	90.9	91.1
IV 500	40.1	77.4	81.2	84.3	86.8	87.5	88.8	90.0	90.3	90.9	91.2	91.2	91.3	91.3	91.5	91.6
IV 400	40.1	77.4	81.4	84.5	87.2	88.0	89.6	91.1	91.5	92.3	92.7	92.7	92.8	92.8	93.0	93.2
IV 300	40.1	77.5	81.4	84.6	87.5	88.5	90.2	92.2	92.7	93.9	94.4	94.4	94.6	94.6	94.9	95.2
IV 200	40.1	77.5	81.4	84.6	87.7	88.7	90.7	92.9	93.5	95.1	95.8	95.8	96.2	96.3	96.6	97.1
IV 100	40.1	77.5	81.4	84.6	87.7	88.7	90.7	93.0	93.7	95.5	96.4	96.4	96.8	97.0	97.4	98.4
IV 0	40.1	77.5	81.4	84.6	87.7	88.7	90.7	93.0	93.7	95.5	96.4	96.5	96.9	97.1	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS

2687

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 STATION: ANDREWS AFB WASHINGTON D C 43-71 YEARS DEC 60

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0-600-0800

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.3	≥0.2	≥0.1	≥0.05	≥0	
NO CEILING	20.4	37.1	39.3	40.2	41.2	41.3	41.8	41.9	42.0	42.1	42.1	42.2	42.2	42.2	42.3	42.5
≥ 20000	23.6	44.6	47.5	49.2	50.5	50.8	51.6	51.9	51.9	52.3	52.3	52.3	52.4	52.4	52.5	52.8
IV 18000	23.8	44.9	47.8	49.5	50.8	51.1	51.9	52.2	52.2	52.6	52.6	52.6	52.7	52.7	52.8	53.1
IV 16000	24.0	45.2	48.1	49.8	51.2	51.5	52.4	52.6	52.7	53.0	53.1	53.1	53.2	53.2	53.3	53.6
IV 14000	24.5	46.4	49.4	51.2	52.6	52.9	53.8	54.1	54.1	54.5	54.5	54.6	54.6	54.6	54.7	55.0
IV 12000	25.0	47.5	52.8	54.8	56.3	56.7	57.7	58.0	58.0	58.4	58.4	58.5	58.5	58.5	58.6	58.9
IV 10000	26.6	52.9	56.4	58.5	60.1	60.6	61.6	61.9	62.0	62.4	62.5	62.5	62.6	62.6	62.7	63.0
IV 9000	27.1	53.9	57.5	59.6	61.2	61.7	62.7	63.0	63.1	63.5	63.6	63.6	63.7	63.7	63.9	64.2
IV 8000	28.1	56.4	60.2	62.7	64.4	64.9	66.1	66.5	66.5	66.9	67.0	67.1	67.2	67.2	67.3	67.7
IV 7000	28.6	57.5	61.7	64.2	66.0	66.5	67.7	68.1	68.2	68.6	68.7	68.7	68.8	68.8	69.0	69.4
IV 6000	28.8	59.0	63.3	66.1	68.0	68.5	69.7	70.2	70.2	70.6	70.7	70.8	70.9	70.9	71.0	71.4
IV 5000	29.9	62.5	67.1	70.3	72.0	73.1	74.5	75.0	75.1	75.5	75.6	75.7	75.8	75.8	75.9	76.3
IV 4500	30.4	63.8	68.6	71.8	74.2	74.8	76.1	76.7	76.7	77.2	77.3	77.3	77.4	77.4	77.6	78.0
IV 4000	30.9	64.7	69.6	73.0	75.4	76.0	77.4	78.0	78.0	78.6	78.7	78.8	78.9	78.9	79.1	79.5
IV 3500	31.4	66.0	70.9	74.4	76.9	77.5	78.9	79.7	79.7	80.3	80.4	80.5	80.6	80.6	80.8	81.2
IV 3000	31.8	67.0	72.0	75.6	78.1	78.7	80.2	81.0	81.1	81.9	82.0	82.0	82.1	82.2	82.4	82.8
IV 2500	31.9	67.9	73.0	76.8	79.2	79.9	81.4	82.2	82.3	83.0	83.2	83.2	83.3	83.3	83.6	84.0
IV 2000	32.0	68.3	73.5	77.4	80.0	80.6	82.2	83.0	83.1	83.9	84.0	84.0	84.1	84.2	84.4	84.8
IV 1800	32.0	68.4	73.6	77.5	80.1	80.8	82.4	83.2	83.3	84.1	84.2	84.2	84.3	84.3	84.6	85.0
IV 1500	32.1	68.7	74.0	77.9	80.5	81.2	82.9	83.8	83.9	84.6	84.7	84.8	84.9	84.9	85.2	85.7
IV 1200	32.2	68.9	74.3	78.3	80.9	81.6	83.3	84.3	84.3	85.1	85.2	85.2	85.4	85.4	85.7	86.1
IV 1000	32.2	69.1	74.6	78.7	81.6	82.2	84.1	85.2	85.2	86.1	86.2	86.2	86.4	86.4	86.8	87.2
IV 900	32.2	69.3	74.8	79.0	81.9	82.6	84.5	85.6	85.7	86.5	86.6	86.7	86.8	86.8	87.2	87.6
IV 800	32.2	69.4	74.9	79.3	82.3	83.0	85.0	86.2	86.3	87.2	87.3	87.4	87.5	87.5	87.9	88.3
IV 700	32.2	69.6	75.2	79.7	82.8	83.5	85.7	87.0	87.1	88.0	88.1	88.1	88.3	88.4	88.7	89.1
IV 600	32.2	69.8	75.5	80.0	83.2	83.9	86.2	87.7	87.8	88.7	88.9	89.0	89.1	89.2	89.5	90.0
IV 500	32.2	69.9	75.6	80.2	83.5	84.3	86.7	88.6	88.7	90.0	90.3	90.3	90.4	90.5	90.9	91.3
IV 400	32.2	70.0	75.7	80.4	83.7	84.6	87.1	89.6	89.7	91.3	91.7	91.7	92.0	92.1	92.5	92.9
IV 300	32.2	70.0	75.7	80.4	83.9	84.8	87.5	90.5	90.8	92.8	93.4	93.5	93.8	94.0	94.5	95.0
IV 200	32.2	70.0	75.7	80.4	84.0	84.9	87.9	91.0	91.0	93.8	94.8	94.9	95.5	95.7	96.4	97.1
IV 100	32.2	70.0	75.7	80.4	84.0	84.9	87.9	91.0	91.5	94.0	95.2	95.3	96.0	96.3	97.2	98.7
IV 0	32.2	70.0	75.7	80.4	84.0	84.9	87.9	91.0	91.5	94.0	95.2	95.3	96.0	96.4	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS

2690

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 ANDREWS AFB WASHINGTON D.C.

43-71

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING, FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥0
NO CEILING	21.0	35.5	37.2	38.3	39.0	39.4	39.7	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
≥ 20000	24.9	43.5	43.5	47.7	48.9	49.4	50.1	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 18000	24.9	43.9	46.4	48.2	49.4	49.9	50.6	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 16000	25.2	44.4	47.0	48.8	50.0	50.5	51.3	51.6	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.7
≥ 14000	25.8	46.1	48.6	50.6	51.9	52.4	53.1	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 12000	26.7	48.7	51.6	54.1	55.5	56.1	56.9	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4
≥ 10000	28.3	52.5	55.9	58.7	60.3	60.9	61.7	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.3
≥ 9000	28.8	53.6	57.1	59.8	61.4	62.1	63.0	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.6
≥ 8000	29.1	55.4	59.4	62.3	64.3	64.9	65.9	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.6
≥ 7000	29.4	56.7	60.9	64.0	66.1	66.8	67.7	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.5	68.5
≥ 6000	30.2	58.4	63.0	66.1	68.2	69.0	70.0	70.7	70.7	70.8	70.9	70.9	70.9	70.9	70.9	71.0
≥ 5000	31.1	60.5	65.0	68.1	71.2	72.0	73.0	73.8	73.8	73.9	74.1	74.1	74.1	74.1	74.1	74.2
≥ 4500	31.4	61.4	66.0	70.0	72.4	73.2	74.2	75.0	75.0	75.1	75.2	75.2	75.2	75.3	75.3	75.4
≥ 4000	31.9	62.8	68.0	71.6	74.1	75.0	76.0	76.8	76.8	76.9	77.1	77.1	77.1	77.1	77.1	77.2
≥ 3500	32.2	63.8	69.1	72.8	75.4	76.2	77.4	78.2	78.3	78.4	78.6	78.6	78.6	78.6	78.7	78.7
≥ 3000	32.7	65.1	70.5	74.2	76.9	77.8	79.0	80.0	80.0	80.2	80.4	80.4	80.4	80.5	80.5	80.6
≥ 2500	32.9	65.8	71.3	75.0	77.8	78.7	80.0	81.0	81.0	81.2	81.4	81.4	81.4	81.5	81.5	81.6
≥ 2000	33.1	66.6	72.4	76.2	79.2	80.2	81.5	82.5	82.7	82.9	83.1	83.1	83.1	83.2	83.2	83.2
≥ 1800	33.1	66.7	72.6	76.5	79.6	80.5	81.9	83.0	83.1	83.3	83.5	83.5	83.5	83.5	83.6	83.6
≥ 1500	33.2	67.2	73.1	77.1	80.3	81.4	82.9	84.2	84.3	84.6	84.9	84.9	84.9	84.9	84.9	85.0
≥ 1200	33.3	67.6	73.5	77.6	80.9	82.0	83.5	84.9	85.0	85.3	85.6	85.6	85.6	85.6	85.7	85.7
≥ 1000	33.3	67.9	73.9	78.1	81.6	82.8	84.6	86.1	86.3	86.7	87.0	87.0	87.0	87.1	87.1	87.1
≥ 900	33.3	68.1	74.1	78.3	81.8	83.0	85.0	86.5	86.7	87.2	87.5	87.5	87.5	87.5	87.6	87.6
≥ 800	33.3	68.1	74.2	78.5	82.1	83.4	85.4	87.1	87.3	87.7	88.0	88.0	88.1	88.1	88.1	88.2
≥ 700	33.3	68.1	74.3	78.8	82.4	83.7	85.8	87.5	87.8	88.3	88.8	88.8	89.0	89.0	89.1	89.1
≥ 600	33.4	68.3	74.7	79.3	83.1	84.4	86.6	88.3	88.8	89.4	90.0	90.0	90.2	90.3	90.4	90.4
≥ 500	33.4	68.4	74.9	79.6	83.3	85.0	87.3	89.4	89.8	90.5	91.4	91.4	91.7	91.7	91.9	91.9
≥ 400	33.4	68.5	75.1	79.9	83.9	85.4	87.9	90.3	90.7	91.8	92.9	92.9	93.3	93.5	93.6	93.7
≥ 300	33.4	68.6	75.1	79.9	84.1	85.7	88.4	91.2	91.8	93.2	94.8	94.8	95.6	96.1	96.4	96.6
≥ 200	33.4	68.6	75.1	79.9	84.1	85.7	88.5	91.3	92.0	93.6	95.5	95.7	96.9	97.5	97.9	98.6
≥ 100	33.4	68.6	75.1	79.9	84.1	85.7	88.5	91.3	92.0	93.7	95.8	95.9	97.3	98.1	98.6	99.7
≥ 0	33.4	68.6	75.1	79.9	84.1	85.7	88.5	91.3	92.0	93.7	95.8	95.9	97.3	98.1	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS

2670

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 ANDREWS AFB WASHINGTON D.C.

43-71

FC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥0
NO CEILING	25.7	38.1	39.2	39.5	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 20000	31.4	47.1	49.1	49.8	50.7	50.8	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
18000	31.4	47.3	49.3	50.1	51.1	51.1	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
16000	31.6	47.8	49.9	50.8	51.8	51.9	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
14000	32.2	49.1	51.3	52.3	53.4	53.5	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
12000	33.6	52.1	54.6	55.8	56.9	57.1	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
10000	35.0	55.7	58.5	59.8	61.1	61.3	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
9000	35.5	57.1	60.0	61.5	62.8	63.0	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
8000	36.3	59.4	62.7	64.5	65.9	66.2	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
7000	36.9	60.9	64.3	66.2	67.8	68.1	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
6000	37.4	62.6	66.0	68.0	69.7	70.0	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
5000	38.4	64.8	68.4	70.5	72.3	72.7	73.2	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4
4500	38.8	65.5	69.2	71.4	73.4	73.7	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
4000	39.6	67.4	71.2	73.7	75.8	76.2	76.7	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9
3500	40.4	69.4	73.4	75.9	78.0	78.4	78.9	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1
3000	41.3	71.1	75.4	77.9	80.1	80.6	81.2	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5
2500	41.5	71.6	76.0	78.7	80.8	81.4	82.0	82.2	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5
2000	41.8	72.3	76.9	79.6	81.9	82.4	83.1	83.2	83.6	83.6	83.8	83.8	83.8	83.8	83.8	83.8
1800	41.8	72.6	77.2	80.0	82.3	82.9	83.6	83.9	84.0	84.1	84.3	84.3	84.3	84.3	84.3	84.3
1500	41.9	73.5	78.2	81.1	83.5	84.1	84.8	85.2	85.3	85.4	85.7	85.7	85.7	85.7	85.7	85.7
1200	41.9	73.7	78.5	81.5	84.0	84.6	85.4	85.8	85.9	86.0	86.3	86.3	86.4	86.4	86.4	86.4
1000	41.9	73.9	78.9	82.2	84.8	85.4	86.3	86.8	86.9	87.2	87.5	87.5	87.6	87.6	87.6	87.6
900	42.0	74.2	79.2	82.5	85.2	85.8	86.8	87.3	87.4	87.7	88.1	88.1	88.2	88.2	88.2	88.2
800	42.1	74.2	79.3	82.8	85.7	86.4	87.5	88.0	88.1	88.5	88.9	88.9	89.2	89.2	89.2	89.2
700	42.1	74.3	79.5	83.1	86.2	86.9	88.1	88.8	88.9	89.4	90.0	90.0	90.4	90.4	90.4	90.4
600	42.1	74.4	79.6	83.7	86.9	87.7	89.0	89.8	90.0	90.5	91.2	91.3	91.6	91.7	91.7	91.7
500	42.1	74.6	79.9	84.0	87.5	88.4	89.7	90.7	91.0	91.7	92.6	92.7	94.7	94.9	95.6	95.8
400	42.1	74.6	79.9	84.2	88.0	89.1	90.7	92.2	92.6	93.7	94.7	94.9	95.6	95.8	96.0	96.1
300	42.1	74.6	79.9	84.2	88.0	89.1	91.2	92.9	93.6	95.0	96.4	96.7	97.6	97.9	98.4	98.4
200	42.1	74.6	79.9	84.2	88.0	89.2	91.3	93.0	93.7	95.2	96.8	97.1	98.2	98.6	99.3	99.4
100	42.1	74.6	79.9	84.2	88.0	89.2	91.3	93.0	93.7	95.3	96.9	97.2	98.3	98.7	99.5	99.9
0	42.1	74.6	79.9	84.2	88.0	89.2	91.3	93.0	93.7	95.3	96.9	97.2	98.3	98.7	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS

2687

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 ANDREWS AFB WASHINGTON D.C. 43-71 JEC

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING, FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	26.0	40.6	41.2	41.8	42.3	42.4	42.5	42.5	42.5	42.5	42.6	42.6	42.6	42.6	42.6	42.6
≥ 20000	31.0	49.9	51.7	52.6	53.5	53.8	53.9	54.0	54.0	54.0	54.0	54.1	54.1	54.1	54.1	54.1
IN 18000	31.0	50.1	51.9	52.9	53.7	54.0	54.1	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
IN 16000	31.4	50.9	52.7	53.7	54.6	55.0	55.0	55.2	55.2	55.2	55.2	55.3	55.3	55.3	55.3	55.3
IN 14000	32.1	52.4	54.4	55.5	56.4	56.8	56.9	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1
IN 12000	33.1	55.0	57.2	58.6	59.7	60.0	60.2	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
IN 10000	34.1	57.6	60.1	61.6	62.7	63.0	63.2	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IN 9000	34.4	58.5	61.0	62.5	63.6	64.0	64.2	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
IN 8000	35.6	61.1	63.7	65.3	66.4	66.7	67.1	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4
IN 7000	36.0	62.5	65.5	67.2	68.4	68.8	69.2	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
IN 6000	36.7	64.5	67.6	69.3	70.6	70.9	71.4	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8
IN 5000	37.9	67.6	70.7	72.7	74.0	74.4	74.9	75.2	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4
IN 4500	38.0	68.2	71.4	73.6	75.0	75.5	76.0	76.4	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5
IN 4000	38.8	69.8	73.1	75.7	77.4	77.9	78.5	78.8	78.8	78.9	79.0	79.0	79.0	79.0	79.0	79.0
IN 3500	39.3	71.5	75.0	77.7	79.5	80.0	80.5	80.8	80.9	80.9	81.0	81.1	81.1	81.1	81.1	81.1
IN 3000	39.8	73.0	76.7	79.7	81.6	82.1	82.7	83.1	83.2	83.2	83.3	83.4	83.4	83.4	83.4	83.4
IN 2500	40.0	73.6	77.7	80.9	82.9	83.4	84.1	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.9	84.9
IN 2000	40.1	74.2	78.3	81.6	83.6	84.2	85.1	85.6	85.8	85.8	86.0	86.0	86.0	86.0	86.0	86.0
IN 1800	40.1	74.4	78.7	82.1	84.0	84.7	85.6	86.2	86.3	86.3	86.5	86.5	86.5	86.5	86.6	86.6
IN 1500	40.2	74.8	79.1	82.5	84.6	85.3	86.4	86.9	87.1	87.2	87.3	87.4	87.4	87.4	87.4	87.4
IN 1200	40.3	74.9	79.4	82.9	85.1	85.8	86.9	87.5	87.6	87.8	87.9	88.0	88.0	88.0	88.0	88.0
IN 1000	40.3	75.1	79.8	83.3	85.7	86.5	87.7	88.3	88.5	88.6	88.8	88.9	88.9	88.9	89.0	89.0
IN 900	40.4	75.2	80.0	83.7	86.1	86.9	88.1	88.8	88.9	89.1	89.3	89.3	89.4	89.4	89.5	89.5
IN 800	40.4	75.2	80.0	83.8	86.3	87.2	88.6	89.3	89.5	89.7	90.0	90.0	90.1	90.1	90.2	90.2
IN 700	40.4	75.3	80.1	84.0	86.7	87.6	89.2	90.1	90.2	90.5	90.8	90.8	90.9	90.9	91.0	91.0
IN 600	40.4	75.4	80.3	84.3	86.9	87.8	89.7	90.6	90.8	91.2	91.6	91.7	91.8	91.8	91.9	91.9
IN 500	40.4	75.4	80.3	84.6	87.5	88.5	90.5	91.6	92.0	92.5	93.1	93.1	93.3	93.4	93.6	93.6
IN 400	40.4	75.4	80.3	84.8	87.7	88.7	91.1	92.2	93.0	93.8	94.7	94.7	95.0	95.1	95.4	95.5
IN 300	40.4	75.4	80.3	84.9	87.9	89.0	91.6	93.3	93.8	95.1	96.0	96.1	96.9	97.1	97.4	97.6
IN 200	40.4	75.4	80.3	84.9	87.9	89.0	91.6	93.3	94.1	95.5	96.6	96.7	97.6	98.1	98.6	98.8
IN 100	40.4	75.4	80.3	84.9	87.9	89.0	91.6	93.3	94.1	95.6	96.8	97.0	98.0	98.6	99.2	99.5
IN 0	40.4	75.4	80.3	84.9	87.9	89.0	91.6	93.3	94.1	95.6	96.8	97.0	98.0	98.7	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 2694

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 — ANDREWS AFB WASHINGTON D C

43-71

LFC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	27.2	45.7	46.6	46.8	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 20000	31.4	53.5	54.9	55.9	56.3	56.4	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
IV 18000	31.7	53.9	55.2	56.2	56.6	56.7	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
IV 16000	31.9	54.4	55.8	56.9	57.3	57.4	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
IV 14000	32.6	55.5	57.0	58.2	58.6	58.7	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
IV 12000	33.8	58.0	59.6	60.8	61.2	61.3	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
IV 10000	35.2	60.7	62.4	63.7	64.1	64.2	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
IV 9000	35.7	61.6	63.4	64.7	65.2	65.3	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
IV 8000	36.8	64.1	66.0	67.3	67.8	67.9	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
IV 7000	37.0	65.9	68.0	69.6	70.1	70.3	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
IV 6000	37.5	67.4	69.6	71.4	72.0	72.2	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
IV 5000	38.8	70.4	72.9	74.8	75.6	75.8	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
IV 4500	39.0	71.6	74.1	76.2	77.0	77.2	77.6	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9
IV 4000	39.8	73.0	75.8	78.0	78.9	79.1	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV 3500	40.0	74.1	77.0	79.3	80.3	80.5	81.1	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IV 3000	40.1	75.4	78.4	80.7	81.8	82.1	82.8	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 2500	40.5	77.1	80.2	82.8	83.9	84.2	84.9	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 2000	40.7	78.0	81.3	83.9	85.0	85.3	86.1	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 1800	40.7	78.1	81.4	84.0	85.2	85.5	86.3	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 1500	40.9	78.5	81.9	84.6	85.9	86.3	87.1	87.5	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 1200	41.1	78.8	82.1	84.9	86.3	86.8	87.7	88.2	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 1000	41.2	79.2	82.6	85.5	87.0	87.5	88.4	88.9	89.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 900	41.3	79.3	82.8	85.7	87.2	87.7	88.8	89.3	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 800	41.3	79.5	83.1	86.0	87.6	88.2	89.2	89.8	89.9	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 700	41.4	79.6	83.3	86.3	87.9	88.5	89.6	90.3	90.4	90.8	90.9	90.9	91.0	91.0	91.0	91.0
IV 600	41.4	79.7	83.3	86.4	88.1	88.8	90.0	90.7	90.9	91.5	91.6	91.6	91.8	91.8	91.8	91.8
IV 500	41.4	79.7	83.4	86.6	88.3	89.2	90.7	91.9	92.2	92.9	93.0	93.1	93.3	93.3	93.3	93.3
IV 400	41.4	79.7	83.5	86.6	88.4	89.3	91.1	92.7	93.2	94.0	94.3	94.3	94.5	94.6	94.6	94.7
IV 300	41.4	79.8	83.6	86.8	88.8	89.7	91.9	93.9	94.5	95.8	96.2	96.2	96.7	96.7	96.8	96.9
IV 200	41.4	79.8	83.7	86.9	88.9	89.9	92.1	94.2	95.1	96.7	97.2	97.2	97.8	97.8	98.1	98.4
IV 100	41.4	79.8	83.7	87.0	88.9	89.9	92.1	94.3	95.2	96.6	97.4	97.4	98.1	98.1	98.6	99.2
IV 0	41.4	79.8	83.7	87.0	88.9	89.9	92.1	94.3	95.2	96.6	97.4	97.4	98.1	98.1	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS

2488

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 ANDREWS AFB WASHINGTON D C

43-71

CLC

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	210	25	25	24	23	22	22	21	21	21	20	20	20	20	20	20
20000	29.2	47.3	48.0	48.3	48.5	48.3	48.5	48.6	48.6	48.6	48.6	48.6	48.7	48.7	48.8	49.0
18000	33.0	53.9	55.4	56.2	56.6	56.6	56.7	57.0	57.0	57.0	57.1	57.1	57.1	57.2	57.2	57.4
16000	33.2	54.2	55.7	56.5	56.9	56.9	57.0	57.3	57.3	57.3	57.4	57.4	57.4	57.5	57.5	57.7
14000	33.3	54.7	56.2	57.0	57.4	57.5	57.6	57.8	57.9	57.9	57.9	57.9	58.0	58.0	58.1	58.3
12000	34.3	55.9	57.5	58.4	58.8	58.8	59.0	59.2	59.3	59.3	59.3	59.3	59.4	59.4	59.5	59.7
10000	35.4	58.9	60.3	61.6	62.0	62.1	62.2	62.4	62.5	62.5	62.6	62.6	62.6	62.6	62.7	62.9
9000	36.4	61.0	62.7	63.9	64.4	64.5	64.7	65.0	65.1	65.1	65.1	65.1	65.2	65.2	65.3	65.5
8000	36.8	61.7	63.3	64.7	65.2	65.3	65.5	65.7	65.9	65.9	65.9	65.9	65.9	66.0	66.0	66.2
7000	38.3	64.0	65.8	67.0	67.6	67.6	68.0	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.5	68.7
6000	39.0	66.1	68.2	69.6	70.2	70.3	70.7	70.9	71.0	71.0	71.0	71.0	71.1	71.1	71.2	71.4
5000	39.3	67.3	69.7	71.1	71.7	71.8	72.2	72.4	72.5	72.5	72.6	72.6	72.6	72.6	72.7	72.9
4500	40.7	71.2	73.0	75.1	75.9	76.0	76.5	76.8	76.9	76.9	76.9	76.9	76.9	77.0	77.1	77.3
4000	41.2	72.5	75.0	76.7	77.6	77.6	78.1	78.4	78.5	78.5	78.6	78.6	78.6	78.7	78.8	79.0
3500	41.6	73.7	76.2	78.1	79.0	79.1	79.7	80.0	80.1	80.1	80.2	80.2	80.2	80.3	80.4	80.6
3000	42.0	74.9	77.6	79.7	80.6	80.7	81.4	81.7	81.9	81.9	82.0	82.0	82.0	82.0	82.1	82.4
2500	42.3	76.1	78.8	81.0	82.0	82.1	82.8	83.2	83.3	83.3	83.5	83.5	83.5	83.5	83.6	83.9
2000	42.7	77.2	80.3	82.6	83.6	83.8	84.5	84.9	85.0	85.0	85.1	85.1	85.2	85.2	85.3	85.5
1800	43.0	77.9	81.1	83.5	84.6	84.9	85.6	86.1	86.2	86.2	86.4	86.4	86.4	86.4	86.5	86.8
1500	43.0	78.0	81.2	83.6	84.8	85.1	85.8	86.4	86.5	86.5	86.6	86.6	86.6	86.6	86.8	87.0
1200	43.0	78.3	81.7	84.1	85.2	85.6	86.3	86.9	87.0	87.1	87.1	87.1	87.1	87.2	87.3	87.5
1000	43.1	79.1	82.3	84.7	85.9	86.3	87.0	87.6	87.7	87.7	87.8	87.8	87.9	87.9	88.0	88.2
900	43.2	79.7	82.9	85.5	86.8	87.2	88.0	88.7	88.8	89.0	89.1	89.1	89.1	89.1	89.3	89.5
800	43.2	79.7	82.9	85.5	86.8	87.2	88.0	88.7	88.8	89.0	89.1	89.1	89.1	89.1	89.3	89.5
700	43.4	79.8	83.2	85.9	87.3	87.7	88.7	89.6	89.7	90.0	90.1	90.1	90.1	90.1	90.3	90.5
650	43.4	79.9	83.5	86.4	88.0	88.4	89.4	90.3	90.5	90.7	90.9	90.9	90.9	91.0	91.1	91.3
600	43.4	80.0	83.7	86.6	88.3	88.8	89.9	90.9	91.0	91.3	91.4	91.4	91.6	91.6	91.7	92.0
500	43.5	80.1	84.0	87.1	89.1	89.7	90.9	92.1	92.3	92.6	92.8	92.9	93.0	93.1	93.2	93.5
400	43.5	80.2	84.1	87.4	89.4	90.0	91.3	92.8	93.1	93.6	93.8	93.9	94.1	94.1	94.3	94.6
300	43.5	80.4	84.3	87.6	89.8	90.4	91.8	93.6	94.0	94.7	94.9	95.0	95.3	95.3	95.5	95.9
200	42.2	80.4	84.3	87.6	89.8	90.4	92.0	93.9	94.4	95.4	96.0	96.1	96.4	96.5	96.7	97.1
100	43.3	80.4	84.3	87.6	89.8	90.4	92.0	94.0	94.5	95.6	96.3	96.4	96.8	96.9	97.6	98.3
0	43.3	80.4	84.3	87.6	89.8	90.4	92.0	94.0	94.6	95.6	96.4	96.5	96.9	97.0	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS

2669

SKY COVER SUMMARY

Due to the reporting of total cloud amount in GWC tapes for airways hourly observations Jan 71 and later, clear, scattered, broken, overcast, partial and obscured are converted to 0, 3, 9, 10, 9 and 10 tenths. The sky cover summary for this station is limited to the period of record through Dec 70.

1961

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C



DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SKY COVER

13705
 STATION

ANDREWS AFB WASHINGTON D C
 STATION NAME

46-70
 PERIOD

ALL
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	24.0	4.2	4.0	3.9	3.1	2.1	2.9	3.4	4.8	3.4	44.4	6.0	18542
FEB		24.6	4.3	4.5	4.0	3.4	2.2	3.0	3.5	4.7	3.4	42.3	5.8	16933
MAR		23.9	4.4	4.6	4.2	3.6	2.4	3.4	4.0	5.4	3.7	40.4	5.8	18593
APR		20.4	4.3	4.6	4.4	3.6	2.7	3.6	4.9	6.5	4.2	40.8	6.1	17983
MAY		17.4	4.6	5.1	4.8	4.4	3.3	4.3	5.2	7.0	4.9	39.0	6.2	18591
JUN		17.0	5.2	6.0	6.0	5.5	4.9	4.9	6.6	8.4	5.3	30.2	5.8	17990
JUL		15.2	5.1	5.8	5.7	5.6	3.3	5.0	6.8	9.9	6.8	28.9	5.9	18581
AUG		20.2	5.4	5.9	5.7	5.3	4.7	4.4	6.2	8.6	5.4	28.4	5.5	18592
SEP		26.7	6.1	5.4	5.3	4.4	3.8	3.8	5.0	6.2	4.8	28.7	5.1	17998
OCT		34.7	5.6	4.3	4.2	3.6	2.7	2.8	4.0	4.9	4.0	29.3	4.7	18590
NOV		26.8	5.0	5.0	4.3	3.6	2.4	3.5	4.0	5.4	4.4	35.6	5.4	17985
DEC		25.3	5.0	4.4	3.9	3.1	2.4	3.2	3.9	5.1	3.6	40.1	5.7	18592
TOTALS		23.0	4.9	5.0	4.7	4.1	3.2	3.7	4.8	6.4	4.5	35.7	5.7	218970

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13705 ANDREWS AFB WASHINGTON D C 46-70 FEB

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		
FEB	00-02	34.3	3.2	3.9	3.6	1.9	1.7	2.6	2.4	3.3	1.2	41.8	5.3	2116
	03-05	32.9	3.3	3.6	3.4	3.1	1.4	2.6	3.1	3.9	1.6	41.1	5.3	2117
	06-08	22.2	4.6	3.7	4.3	3.7	2.6	2.5	3.5	6.1	4.5	42.2	6.0	2118
	09-11	17.5	4.6	4.9	3.8	3.6	2.5	3.4	4.3	5.6	5.2	44.5	6.4	2119
	12-14	15.0	4.9	6.2	3.8	4.5	3.6	3.9	4.7	4.5	5.0	43.9	6.4	2117
	15-17	16.4	5.9	4.4	4.7	4.0	2.2	3.8	4.4	5.6	5.2	43.4	6.3	2115
	18-20	25.5	5.0	4.7	4.5	3.9	2.0	2.9	2.7	5.4	2.6	40.7	5.6	2116
	21-23	33.3	2.9	4.7	3.8	2.3	1.8	2.6	2.5	3.4	1.6	41.0	5.3	2118
TOTALS		24.6	4.3	4.5	4.0	3.4	2.2	3.0	3.5	4.7	3.4	42.3	5.8	16933

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SKY COVER

13705
 STATION

ANDREWS AFB WASHINGTON D C
 STATION NAME

46-70
 PERIOD

MAR
 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		
MAR	00-02	34.2	3.4	4.8	2.8	3.5	1.4	2.8	2.6	3.7	1.9	38.8	5.1	2325
	03-05	33.6	3.4	4.8	3.6	3.4	1.5	3.1	3.3	4.0	1.8	37.5	5.1	2324
	06-08	20.6	5.1	4.8	4.4	3.6	2.3	2.6	4.6	6.0	4.8	41.2	6.1	2325
	09-11	16.8	4.9	3.8	4.9	3.8	2.7	3.6	5.2	6.8	4.7	42.9	6.4	2325
	12-14	13.5	4.9	4.7	4.5	3.9	3.6	3.7	4.7	7.9	5.5	43.1	6.6	2322
	15-17	15.4	4.9	3.7	4.9	3.7	3.3	4.6	4.8	7.3	5.4	42.0	6.5	2325
	18-20	23.0	5.3	5.5	4.7	4.3	2.5	3.3	4.3	4.2	3.7	39.0	5.7	2323
	21-23	33.8	3.5	4.7	3.7	3.3	2.2	3.5	2.4	3.4	1.6	38.3	5.1	2324
TOTALS		23.9	4.4	4.6	4.2	3.6	2.4	3.4	4.0	5.4	3.7	40.4	5.8	18592

2
DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

46-70
PERIOD

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
APP	00-02	32.7	3.2	4.4	4.0	2.8	1.9	3.1	3.8	3.8	2.0	38.4	5.2	2247
	03-05	28.0	4.0	5.1	3.9	3.4	1.8	2.8	4.1	5.2	2.7	39.1	5.5	2249
	06-08	18.4	4.4	3.8	4.4	3.0	2.6	3.0	4.3	6.7	4.9	44.4	6.4	2248
	09-11	14.9	4.2	4.4	4.4	4.1	3.6	4.4	5.2	7.1	5.0	42.7	6.5	2249
	12-14	11.9	4.4	4.5	4.0	4.1	3.9	4.3	6.4	8.8	6.2	41.9	6.7	2249
	15-17	11.9	3.9	3.9	4.7	4.1	3.1	4.8	6.9	9.3	5.3	42.2	6.8	2247
	18-20	16.8	5.3	5.0	4.8	4.0	2.9	3.9	4.5	7.5	4.5	40.8	6.2	2245
	21-23	28.5	5.0	5.6	4.9	3.3	2.1	2.8	4.1	3.9	2.7	37.1	5.3	2249
TOTALS		20.4	4.3	4.6	4.4	3.6	2.7	3.6	4.9	6.5	4.2	40.8	6.1	17983

USAFETAC FORM 09.5 (OL1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

46-70
PERIOD

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00-02	29.1	4.2	5.2	4.2	3.6	1.6	3.1	4.1	5.4	2.5	37.0	5.3	2325
	03-05	21.8	4.3	5.6	4.3	4.1	2.8	3.7	4.9	4.5	3.3	40.9	5.9	2324
	06-08	16.9	4.2	4.8	4.6	4.2	2.3	4.0	4.1	6.6	4.6	43.7	6.4	2325
	09-11	14.9	4.4	4.2	4.8	4.6	3.7	4.3	5.7	8.0	5.9	39.5	6.4	2324
	12-14	9.3	3.8	5.5	4.7	5.1	5.3	6.2	6.5	9.2	7.4	37.2	6.7	2325
	15-17	9.5	5.9	5.1	5.8	5.7	4.8	4.3	6.0	8.6	7.3	37.0	6.5	2321
	18-20	13.1	4.9	5.3	5.4	4.2	3.1	4.6	5.9	8.1	5.7	39.7	6.5	2325
	21-23	24.6	5.0	5.3	4.5	3.9	3.1	4.1	4.3	5.8	2.7	36.8	5.5	2322
	TOTALS	17.4	4.6	5.1	4.8	4.4	3.3	4.3	5.2	7.0	4.9	39.0	6.2	18591

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

46-70
PERIOD

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02	33.3	4.1	5.7	5.9	4.5	2.8	5.3	4.3	5.6	2.0	26.5	4.5	2250
	03-05	23.3	5.5	5.7	6.1	4.8	3.5	5.3	6.1	6.0	4.0	29.6	5.3	2249
	06-08	16.2	6.0	6.2	4.9	4.2	3.4	4.2	5.8	8.8	6.0	34.3	6.0	2249
	09-11	13.6	5.4	5.7	5.0	5.7	5.5	4.5	7.0	9.2	6.3	32.1	6.1	2249
	12-14	6.1	4.1	4.8	5.7	7.3	8.3	5.7	8.9	11.6	8.1	29.3	6.6	2247
	15-17	7.9	4.5	5.3	7.3	7.0	6.6	5.8	7.5	10.7	7.2	30.2	6.4	2249
	18-20	11.4	6.0	6.7	7.6	5.5	4.4	4.7	6.8	9.3	5.9	31.7	6.1	2249
	21-23	24.3	5.9	7.8	5.7	4.7	4.3	3.9	6.2	6.1	2.9	28.1	5.0	2248
TOTALS		17.0	5.2	6.0	6.0	5.5	4.9	4.9	6.6	8.4	5.3	30.2	5.8	17990

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DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SKY COVER

13705
 STATION

ANDREWS AFB WASHINGTON D C
 STATION NAME

46-70
 PERIOD

JUL
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (EST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	28.3	5.1	5.8	6.3	4.4	3.7	5.2	5.1	8.3	3.6	24.3	4.8	2325
	03-05	21.4	5.5	6.6	4.6	5.3	4.5	4.7	6.0	8.6	4.5	28.2	5.4	2325
	06-08	15.5	5.2	5.2	4.3	5.3	3.7	3.6	6.2	9.6	8.6	33.0	6.2	2323
	09-11	14.4	5.5	4.5	5.5	5.0	4.9	5.3	6.9	10.0	7.7	30.4	6.1	2320
	12-14	5.2	3.6	4.4	5.9	7.1	8.6	6.6	9.1	12.4	8.4	28.7	6.7	2320
	15-17	5.3	5.0	6.1	6.7	7.3	7.9	5.2	8.7	12.4	9.2	26.2	6.4	2321
	18-20	9.8	6.1	5.9	6.0	5.0	5.1	5.0	6.2	10.8	8.0	32.1	6.3	2322
	21-23	21.8	4.8	8.0	6.5	5.5	3.8	4.6	6.3	6.8	4.0	28.0	5.2	2325
TOTALS		15.2	5.1	5.8	5.7	5.6	5.3	5.0	6.8	9.9	6.8	28.9	5.9	18581

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SKY COVER

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

46-70
PERIOD

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
OCT	00-02	48.1	3.1	3.7	2.8	2.4	2.7	2.1	2.5	3.2	1.8	27.7	3.9	2324
	03-05	45.4	3.8	3.3	3.2	3.6	1.9	2.4	3.2	2.4	2.0	28.9	4.1	2322
	06-08	29.3	6.8	4.4	3.9	3.3	2.3	2.4	3.9	5.6	5.5	32.6	5.1	2323
	09-11	27.2	7.0	4.5	4.4	4.0	2.7	2.9	4.8	5.6	4.2	32.7	5.2	2323
	12-14	23.5	6.5	4.8	5.4	4.6	3.9	3.6	5.8	6.5	5.8	29.7	5.3	2325
	15-17	23.7	6.6	5.1	5.3	4.5	3.7	3.6	5.0	6.6	6.8	29.0	5.3	2324
	18-20	35.5	5.9	5.2	4.7	3.3	2.5	2.7	3.9	5.5	3.4	27.6	4.5	2324
	21-23	44.9	4.7	3.7	4.0	2.9	2.1	2.3	3.2	3.5	2.4	26.3	4.0	2325
	TOTALS	34.7	5.6	4.3	4.2	3.6	2.7	2.8	4.0	4.9	4.0	29.3	4.7	18590

2
 DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

SKY COVER

13705
 STATION

ANDREWS AFB WASHINGTON D C
 STATION NAME

46-70
 PERIOD

NOV
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
NOV	00-02	36.9	3.2	5.2	3.6	2.8	2.2	3.0	2.4	3.8	2.4	34.5	4.8	2246
	03-05	36.9	3.6	3.8	3.0	2.6	1.8	2.8	2.8	4.5	3.1	34.1	4.8	2250
	06-08	22.2	6.6	5.2	4.0	3.6	2.6	3.6	4.2	7.0	5.1	35.9	5.7	2246
	09-11	19.1	5.9	5.0	4.6	4.4	2.5	3.2	4.1	6.4	6.6	38.3	6.0	2250
	12-14	15.2	5.2	5.1	5.5	3.2	2.9	4.1	5.3	7.5	6.9	37.1	6.2	2250
	15-17	16.6	6.0	5.8	6.0	4.0	2.5	3.7	4.6	6.1	6.2	37.5	6.0	2247
	18-20	29.6	5.3	5.6	4.1	3.4	2.1	3.8	4.4	4.7	2.9	33.9	5.1	2249
	21-23	36.2	4.2	4.5	3.7	2.8	1.9	3.6	4.3	3.2	1.9	33.6	4.8	2247
TOTALS		26.8	5.0	5.0	4.3	3.6	2.4	3.5	4.0	5.4	4.4	35.6	5.4	17935

DATA PROCESSING DIVISION
SERIALS
SERVICES DIVISION (SAC)
ASHEVILLE, NORTH CAROLINA

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 presentation 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 deviation, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperature
 - b. Daily minimum temperature
 - c. Daily mean temperature

2. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.

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 all 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 vertically. Also provided for each dry-bulb temperature interval 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 require two pages in some cases.

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 (σX). The number of observations used in the computations 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 tabulations 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 available are combined. Tables are prepared for the following:
- a. Dry-bulb temperature
 - b. Wet-bulb temperature
 - c. Dew-point temperature
5. Cumulative percent. of 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.

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC
 13705 ANDREWS AFB WASHINGTON D C
 STATION STATION NAME

DAILY TEMPERATURES

49-72

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	2.7	4.8	3.1	1.1				1.0
90				.8	2.6	17.9	25.6	21.0	8.0	.4			6.5
85			.4	4.3	13.1	43.0	59.2	48.2	22.9	2.4			16.4
80			2.0	11.9	29.1	62.4	85.4	76.9	44.3	9.9	.5		27.2
75	.2	.4	5.3	19.7	48.8	82.3	97.3	93.7	67.0	22.8	2.6	.1	37.1
70	1.6	2.0	11.1	33.4	68.5	94.0	99.7	99.6	83.6	42.9	9.1	1.3	46.0
65	4.1	4.5	18.5	48.3	83.5	98.6	100.0	99.9	93.6	64.0	20.1	3.9	53.7
60	8.8	8.9	28.6	66.5	94.4	99.7		100.0	98.0	80.2	35.9	11.0	61.4
55	14.5	13.2	40.4	81.7	98.4	100.0			99.9	93.4	53.3	19.9	68.8
50	23.9	29.5	55.3	93.2	99.9				100.0	98.7	70.9	30.3	75.4
45	38.3	46.3	71.3	98.3	100.0					99.9	85.4	45.3	82.2
40	58.4	66.8	88.5	99.8						100.0	95.7	65.5	89.7
35	76.2	83.4	97.1	100.0							99.3	82.6	94.9
30	89.1	93.0	99.4								100.0	93.7	98.0
25	94.9	97.7	100.0									98.9	99.3
20	98.4	99.3										99.7	99.8
15	99.8	99.9										100.0	100.0
10	99.9	100.0											100.0
5	100.0												100.0
MEAN	42.3	44.3	52.8	64.9	73.9	81.9	85.6	84.1	77.9	67.7	55.6	44.5	64.6
S D	11.346	10.007	12.062	10.872	8.942	7.742	5.720	6.066	8.375	8.787	9.941	10.694	18.259
TOTAL OBS	899	820	899	869	899	882	930	898	870	899	870	899	10634

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC
 13705 STATION ANDREWS AFB WASHINGTON D C
 STATION NAME

43-72

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
80								.1					.0
75						1.4	4.4	2.4	.5				.7
70					.4	15.5	38.6	30.2	11.3	.6			8.2
65				.6	7.5	43.9	74.3	64.9	30.2	3.1	.5		19.1
60			.6	4.3	26.1	70.5	94.5	88.6	50.6	10.8	1.3		29.4
55	.8	.4	2.2	12.0	47.8	88.2	99.9	97.7	73.4	25.5	5.4	.8	38.3
50	1.7	1.0	6.5	26.9	73.4	98.0	100.0	99.9	89.2	46.8	11.7	1.7	46.8
45	3.2	2.9	11.9	50.2	89.9	99.9		100.0	97.2	67.7	24.0	3.1	54.8
40	9.1	9.3	25.6	72.7	98.1	100.0			99.4	86.3	40.3	12.0	63.1
35	20.0	21.8	47.3	91.9	99.3				100.0	95.9	64.0	27.8	72.7
33	26.9	31.5	59.4	93.1	100.0					98.2	74.1	33.3	77.0
30	40.9	46.6	74.6	97.6						99.8	86.0	48.9	83.1
25	64.0	69.0	91.2	99.9						100.0	96.3	71.4	91.1
20	78.0	84.1	97.9	100.0							99.4	87.1	93.6
15	89.9	92.7	99.8								99.9	92.8	98.2
10	93.9	97.7	100.0								100.0	99.4	99.4
5	98.6	99.6										100.0	99.8
0	99.9	100.0											100.0
-5	100.0												100.0
MEAN	27.1	28.1	34.9	44.7	54.1	62.8	67.5	66.1	59.5	48.8	38.5	29.3	47.8
S D	9.745	8.842	8.421	7.859	7.282	6.332	4.558	5.238	7.708	8.382	8.774	8.861	10.209
TOTAL OBS	899	820	899	869	899	882	930	898	870	899	870	899	10634

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC
 13705 STATION ANDREWS AFB WASHINGTON D C
 STATION NAME

DAILY TEMPERATURES

43-72 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
90						.1							.0
85						1.4	4.3	2.1	.2				.7
80					.7	15.9	30.0	21.9	7.8	.2			6.4
75				1.6	9.1	41.3	67.5	55.3	24.1	2.0	.1		17.0
70			1.1	6.3	25.1	67.6	93.9	87.1	47.6	7.9	.6		28.5
65	.2	.2	3.1	15.0	48.7	87.1	99.7	97.7	71.3	22.9	2.6	.2	37.8
60	1.1	.6	7.3	28.8	72.0	97.8	100.0	100.0	88.6	44.6	8.9	1.1	46.3
55	3.0	3.0	15.7	47.8	89.4	99.9			97.1	66.4	22.1	3.3	54.4
50	7.1	7.8	26.3	72.0	97.5	100.0			99.5	86.9	38.7	10.2	62.6
45	16.0	17.1	41.9	90.0	99.9				100.0	97.1	58.5	21.7	70.5
40	29.9	36.7	66.3	97.9	100.0					99.7	80.0	36.9	79.2
35	50.9	59.0	85.8	99.7						100.0	93.9	59.0	87.5
30	70.9	79.1	96.1	100.0							99.0	78.4	93.7
25	86.1	89.9	98.8								99.8	91.2	97.2
20	93.5	96.2	100.0								100.0	97.9	99.0
15	97.9	99.3										99.9	99.8
10	99.8	99.9										100.0	100.0
5	99.9	100.0											100.0
0	100.0												100.0
MEAN	34.8	36.5	44.0	54.9	64.2	72.5	74.7	75.2	68.8	58.4	47.2	37.1	55.9
S D	10.000	9.181	9.617	8.640	7.403	6.507	4.586	5.062	7.481	7.783	8.730	9.305	17.072
TOTAL OBS	899	820	899	869	899	882	930	898	870	899	870	899	10634

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/PAO

EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

13792 AIR WS AFB WASHINGTON, D C
STATION STATION NAME

43-72

YEARS

IN DEGREES FAHRENHEIT

MONTH YEAR	JAN	FEB	MAR	APR.	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
43	49	67	80	81	91	96	93	98	95	82	72	63	96
44	57	64	67	86	88	96	95	94	91	84	71	57	98
45	64	71	79	88	87	92	98	94	90	80	77	56	98
46	73	55	66	84	90	94	96	90	94	84	76	71	98
47	59	79	87	84	90	94	93	99	89	79	78	67	99
48	70	74	81	84	89	94	96	97	88	83	75	64	97
49	77	54	79	81	90	93	93	91	90	83	84	70	93
50	69	71	79	87	87	90	96	95	93	92	73	73	97
51	73	56	62	50	85	100	98	90	94	85	70	62	100
52	70	71	69	86	89	93	96	100	100	82	76	67	100
53	70	75	80	86	88	99	102	95	99	92	88	64	102
54	62	66	79	82	90	92	98	97	89	83	78	63	98
55	62	66	71	88	93	96	94	97	93	80	72	75	98
56	65	69	73	92	90	97	100	97	92	79	73	63	100
57	65	69	73	92	90	97	100	97	92	79	73	63	100
58	55	61	56	85	86	93	74	92	92	85	76	59	94
59	70	67	79	88	90	100	92	95	91	90	76	63	100
60	58	67	73	93	86	90	93	93	87	81	73	68	93
61	63	70	80	80	86	90	95	92	95	81	81	60	95
62	60	69	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	65	67	79	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	85	85	94	95	95	86	85	77	66	96
69	60	49	67	89	96	98	97	89	89	84	71	60	90
70	61	60	70	82	89	93	91	92	96	85	66	70	96
71	61	71	72	84	88	91	92	90	86	80	83	72	92
72	63	73	78	85	81	87	94						
MEAN	64.2	65.2	76.3	85.6	88.7	94.1	94.9	93.8	91.5	82.0	73.8	65.0	90.5
S D	6.386	7.482	6.614	3.155	3.172	3.063	2.909	3.031	3.738	4.275	4.823	5.419	2.866
TOTAL OBS	899	820	699	840	899	870	930	868	870	899	870	899	10563

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAA

EXTREME VALUES

MINIMUM TEMPERATURE
 (FROM DAILY OBSERVATIONS)

1170
 STATION

ANDREWS AFB WASHINGTON D C
 STATION NAME

43-72

YEARS

DEGREE CELSIUS FARENHEIT

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
44	19	16	16	29	46	49	58	54	51	32	27	15	14
45	10	15	30	33	34	43	35	54	52	35	24	16	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	35	25	20	5
48	2	16	16	32	44	52	56	56	48	33	21	11	2
49	19	21	22	34	42	50	62	56	45	35	24	19	19
50	20	16	12	23	42	49	58	57	42	38	15	11	11
51	16	5	25	33	47	53	59	55	42	40	21	9	9
52	14	23	22	34	44	55	54	53	48	28	23	18	14
53	24	26	21	30	49	50	62	58	47	36	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	10	19	22	27	34	42	56	56	40	25	20	21	1
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	3
61	7	3	23	30	39	51	57	59	48	37	30	16	3
62	8	8	13	32	42	58	56	56	44	30	28	10	4
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	2
65	3	6	14	29	47	50	58	50	48	30	24	18	1
66	8	3	23	29	33	48	47	59	47	32	26	11	1
67	12	3	16	27	40	45	58	57	44	32	21	7	5
68	3	11	18	43	43	53	59	52	47	39	28	11	1
69	13	20	22	29	43	57	64	50	47	28	22	19	17
70	9	11	21	33	39	51	56	57	45	39	19	12	3
71	11	26	33	40	46	56	56	53	46	44	26	20	9
72	3	14	21	27	42	45	57						
MEAN	9.6	12.4	21.3	30.6	41.1	50.5	55.0	45.5	45.4	34.7	24.0	14.4	7.7
S D	6.230	6.173	4.267	3.326	6.157	3.532	2.456	3.109	3.737	4.006	4.567	4.263	5.132
TOTAL OBS	899	620	899	340	899	670	920	868	870	899	870	859	10563

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13765 ANDREWS AFB WASHINGTON D C 43-72

STATION STATION NAME YEARS ALL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B.	W.B.	Wet Bulb	Dew Point
102/101														.0	.0			2	3		
100/ 99						.0			.0	.0	.0	.0	.0	.0	.0	.0	.0	33	32		
98/ 97				.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0		96	97		
96/ 95				.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			232	232		
94/ 93				.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				475	492		
92/ 91			.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0				1087	1106	1	
90/ 89			.0	.0	.0	.1	.2	.2	.1	.1	.0	.0	.0	.0				1872	1900	5	1
88/ 87		.0	.0	.0	.0	.1	.2	.2	.1	.1	.0	.0	.0	.0	.0			2596	2637	8	5
86/ 85		.0	.0	.0	.1	.3	.3	.3	.2	.1	.1	.0	.0	.0				3545	3595	15	6
84/ 83		.0	.0	.1	.2	.3	.3	.3	.2	.1	.1	.0	.0	.0				4055	4161	21	12
82/ 81		.0	.0	.2	.4	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0			4806	4864	65	22
80/ 79		.0	.2	.4	.4	.4	.3	.3	.2	.1	.1	.0	.0	.0				6131	6239	486	54
78/ 77	.0	.1	.4	.5	.4	.3	.3	.3	.2	.1	.1	.0	.0	.0				6861	6976	1889	204
76/ 75	.0	.4	.7	.5	.4	.4	.3	.3	.2	.1	.1	.0	.0	.0				8446	8573	4794	998
74/ 73	.1	.8	.8	.6	.4	.4	.3	.2	.2	.1	.0	.0	.0					9636	9768	7484	3595
72/ 71	.2	1.1	.8	.5	.4	.3	.3	.2	.2	.1	.0	.0	.0					10580	10777	10206	7255
70/ 69	.3	1.1	.8	.6	.5	.4	.3	.2	.1	.1	.0	.0	.0					10887	11046	11924	9620
68/ 67	.3	.9	.8	.6	.5	.3	.3	.2	.1	.1	.0	.0	.0					9575	9983	10925	9773
66/ 65	.3	.9	.8	.6	.4	.3	.3	.2	.1	.0	.0	.0	.0					9854	9938	11211	9790
64/ 63	.2	.9	.7	.5	.4	.3	.2	.2	.1	.0	.0							8746	8802	10936	9561
62/ 61	.2	.9	.6	.5	.4	.3	.3	.2	.1	.0	.0							8561	8613	10392	9509
60/ 59	.3	.9	.7	.5	.4	.3	.3	.2	.1	.0	.0							9149	9191	10610	9742
58/ 57	.2	.8	.6	.5	.4	.3	.3	.2	.0	.0								8226	8279	9871	9493
56/ 55	.3	.9	.6	.5	.4	.3	.2	.1	.0	.0								8309	8350	9519	9612
54/ 53	.2	.8	.6	.5	.4	.4	.2	.1	.0									7921	7969	8614	8947
52/ 51	.2	.7	.5	.5	.4	.4	.2	.0	.0									7340	7390	8295	8335
50/ 49	.2	.7	.6	.5	.6	.4	.2	.0	.0									7867	7930	8184	7768
48/ 47	.2	.7	.6	.6	.6	.4	.1	.0	.0									7900	7958	8013	7606
46/ 45	.2	.7	.6	.7	.6	.3	.0	.0	.0									7965	8038	8636	7401
44/ 43	.2	.7	.6	.7	.6	.2	.0											7808	7889	8332	7259
42/ 41	.3	.7	.6	.8	.6	.2	.0											8049	8127	8677	7338
40/ 39	.3	.7	.9	.9	.6	.1	.0											8750	8864	9295	7312
38/ 37	.3	.7	.9	1.0	.4	.0	.0											8019	8145	8888	7214
36/ 35	.3	.9	1.0	.9	.3	.0												8392	8511	9439	7661
Element (X)	Σx^2	Σx		\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total									
Rel Hum.							≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total								
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C 43-72 ALL MONTH

PAGE 2 ALL MONTH

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point													
34/33	.3	.9	.9	.7	.2	.0												7537	7599	8996	8107														
32/31	.3	.7	.9	.7	.1	.0												6730	6819	9226	8494														
30/29	.1	.6	.9	.5	.1													5551	5654	7931	8370														
28/27	.1	.5	.7	.3	.0													3995	4054	6465	7044														
26/25	.1	.5	.6	.2	.0													3502	3544	5512	7621														
24/23	.0	.3	.2	.1														2431	2461	4120	7065														
22/21	.0	.3	.4	.0														1475	1991	3227	6394														
20/19	.0	.3	.3	.0	.0													1606	1614	2508	5229														
18/17	.0	.2	.2	.0														1036	1043	1834	4920														
16/15	.0	.2	.1															773	780	1284	4423														
14/13	.0	.1	.1															530	542	909	3624														
12/11	.0	.1	.0															392	396	629	3000														
10/9	.0	.1	.0															256	257	430	2098														
8/7	.0	.0	.0															93	99	240	1931														
6/5	.0	.0	.0															42	43	88	1697														
4/3	.0	.0	.0															30	30	37	1273														
2/1	.0	.0	.0															4	4	19	935														
0/-1	.0	.0	.0															1	1	3	818														
-2/-3	.0	.0	.0															1	1	1	535														
-4/-5																					250														
-6/-7																					137														
-8/-9																					54														
-10/-11																					28														
-12/-13																					15														
-14/-15																					0														
-16/-17																					0														
-18/-19																					1														
-20/-21																					2														
-22/-23																					2														
TOTAL	5.8	21.8	21.2	16.7	11.4	7.7	5.7	4.1	2.7	1.6	.9	.4	.1	.0	.0	.0	.0	253414	250588	250585	8760														

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

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total
Rel Hum.	1247054935	16975131	67.7	19.682	250573							
Dry Bulb	864085845	14075199	55.5	18.023	253414	.1	1016.0	2841.1	1743.6	771.2	29.6	8760
Wet Bulb	686224739	12475153	49.8	16.214	250594	.1	580.1	1675.1	517.5	10.3		8760
Dew Point	571920710	11005834	43.9	18.797	250585	79.6	2680.7	1105.4	111.7	2.3		8760

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1975 STATION ANDREWS AFB WASHINGTON D.C. 44-72 YEARS JAN MONTH ALL HOURS (L. S. T.)

PAGE 1

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31																		
78/ 77									.0																				1	1					
76/ 75								.0																					4	4					
74/ 73							.0	.0	.0																				"	5					
72/ 71						.0	.0	.0	.0	.1																		18	18						
70/ 69				.0	.0	.0	.0	.0	.0	.0					.0		.0											32	34						
68/ 67			.0	.0	.1	.1	.0	.1	.0	.0	.0			.0														54	56						
66/ 65		.0	.0	.0	.1	.0	.1	.1	.1	.0	.0			.0			.0											62	62	2					
64/ 63		.1	.1	.1	.1	.1	.1	.0	.0	.0																		84	89	27					
62/ 61	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0				.0														117	123	61	16				
60/ 59	.0	.1	.2	.2	.2	.2	.1	.1	.0	.0				.0														222	222	98	54				
58/ 57	.0	.3	.2	.2	.2	.2	.1	.1	.0	.0				.0														206	216	123	63				
56/ 55	.1	.3	.2	.2	.2	.2	.1	.1	.0	.0				.0														296	227	183	134				
54/ 53	.0	.3	.2	.3	.2	.2	.1	.1	.0	.0				.0														264	277	201	144				
52/ 51	.1	.4	.3	.2	.2	.3	.2	.2	.1	.0				.0														374	404	237	155				
50/ 49	.3	.5	.3	.3	.3	.3	.2	.2	.0	.0																		419	446	271	244				
48/ 47	.3	.5	.5	.5	.5	.5	.4	.3	.1	.0				.0														563	592	329	255				
46/ 45	.2	.7	.6	.6	.6	.7	.4	.4	.1	.0	.0			.0														724	762	386	291				
44/ 43	.3	1.1	.9	.9	.9	.9	.7	.5	.1	.0				.0														915	964	518	320				
42/ 41	.5	1.2	1.0	1.3	.9	.8	.6	.4	.0	.0																		1064	1111	712	400				
40/ 39	.4	1.4	1.6	1.5	1.2	.9	.7	.5	.0	.0																		1367	1427	1097	567				
38/ 37	.6	1.4	1.4	2.0	.8	.8	.5	.1	.0	.0																		1344	1427	1172	592				
36/ 35	.9	1.2	2.2	2.4	.6	.6	.4	.0	.0	.0																		1743	1804	1366	760				
34/ 33	.7	2.4	2.5	2.2	.5	.5	.4	.0	.0	.0																		1727	1763	1505	898				
32/ 31	1.1	2.4	3.0	2.3	.3	.3	.0	.0	.0	.0																		1879	1913	2057	1051				
30/ 29	.6	2.0	2.5	1.8	.2	.2	.0	.0	.0	.0																		1458	1488	1850	1158				
28/ 27	.4	1.5	2.3	1.2	.0	.0	.0	.0	.0	.0																		1136	1143	1642	1087				
26/ 25	.2	1.5	2.6	.9	.0	.0	.0	.0	.0	.0																		1078	1095	1394	1230				
24/ 23	.1	1.2	2.2	.3	.0	.0	.0	.0	.0	.0																		775	786	1205	1177				
22/ 21	.1	1.4	1.8	.2	.0	.0	.0	.0	.0	.0																		701	706	1054	1160				
20/ 19	.2	1.2	1.6	.0	.0	.0	.0	.0	.0	.0																		644	649	898	1012				
18/ 17	.1	.9	1.0	.0	.0	.0	.0	.0	.0	.0																		430	430	682	1112				
16/ 15	.1	.9	.5	.0	.0	.0	.0	.0	.0	.0																		329	320	553	1105				
14/ 13	.1	.8	.4	.0	.0	.0	.0	.0	.0	.0																		267	267	381	949				
12/ 11	.1	.7	.1	.0	.0	.0	.0	.0	.0	.0																		195	196	299	942				
Element (X)	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	Σ X	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	Total																	
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13702 ANDRLWS AFB WASHINGTON D C 44-72

YEARS

JAN
 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																	
10/ 9	.1	.6	.1																															156	157	197	674	
8/ 7	.0	.3	.0																															66	66	146	723	
6/ 5	.0	.1																																29	29	63	648	
4/ 3	.0	.1	.0																															24	24	29	502	
2/ 1	.0	.0																																4	4	13	342	
0/ -1	.0																																	1	1	3	287	
-2/ -3	.0																																	1	1	1	219	
-4/ -5																																					163	
-6/ -7																																					107	
-8/ -9																																					58	
-10/-11																																					26	
-12/-13																																					9	
-14/-15																																					9	
-16/-17																																					5	
-18/-19																																					5	
-20/-21																																					1	
-22/-23																																					2	
TOTAL	8.3	28.4	30.7	19.8	8.4	2.9	1.1	.4	.0	.0	.0	.0																							21360	20662		
																																			20663	20663		

Element (X)	Σx ²	Σx	x̄	s _x	No. Obs.	Mean No. of Hours with Temperature																															
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																									
Rel. Hum	95874011	1351367	65.4	19.040	20662																																
Dry Bulb	28153852	739224	34.6	11.118	21360	.1	323.1	4.1																													744
Wet Bulb	21687013	634179	30.7	10.373	20663	.1	448.8																														744
Dew Point	14759406	476336	23.1	13.523	20662	32.1	567.6																														744

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

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/M&C

PSYCHROMETRIC SUMMARY

13705 ANOKWS AFB WASHINGTON D C 44-72 FEB MONTH

PAGE 1 ALL HOURS (L, S, T)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
80/ 79											.0							1	1																	
78/ 77										.0								1	1																	
76/ 75								.0	.0		.0							5	5																	
74/ 73							.0	.0	.0	.0								10	10																	
72/ 71					.0	.0	.0	.0	.0	.0						.0		10	10																	
70/ 69				.0	.0	.0	.1	.0	.0	.0	.0					.0		42	43																	
68/ 67			.0	.0	.0	.1	.0	.0	.0	.0	.0					.0		41	42																	
66/ 65		.0	.0	.1	.1	.0	.0	.0	.0	.0	.0					.0		62	67	2																
64/ 63	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0					.0		58	62	7	3															
62/ 61	.0	.0	.1	.1	.1	.0	.1	.1	.0	.0	.0					.0		26	101	15	5															
60/ 59	.0	.1	.1	.2	.1	.1	.1	.1	.1	.0	.0					.0		175	179	65	12															
58/ 57	.0	.2	.1	.1	.1	.1	.2	.2	.1	.0	.0					.0		126	199	114	35															
56/ 55	.1	.4	.2	.2	.2	.4	.2	.2	.0							.0		324	331	130	85															
54/ 53	.1	.5	.3	.2	.3	.3	.3	.1	.0							.0		375	379	195	122															
52/ 51	.1	.3	.2	.2	.4	.3	.3	.0								.0		333	339	227	189															
50/ 49	.2	.4	.3	.3	.6	.5	.3	.0								.0		512	526	259	193															
48/ 47	.1	.5	.6	.6	.8	.6	.1	.0								.0		667	681	309	186															
46/ 45	.2	.6	.6	.9	1.0	.7	.1	.0								.0		795	819	484	211															
44/ 43	.5	.8	.8	1.1	1.2	.5	.1									.0		951	967	628	302															
42/ 41	.8	1.0	.8	1.6	1.4	.4	.1									.0		1163	1182	825	422															
40/ 39	.7	1.1	1.5	1.9	1.6	.3	.0									.0		1357	1384	1039	550															
38/ 37	.8	1.5	1.9	2.4	1.1	.1										.0		1493	1520	1156	571															
36/ 35	1.1	2.2	2.3	2.6	.8	.1										.0		1735	1772	1564	796															
34/ 33	1.0	2.6	2.5	2.1	.4	.0										.0		1658	1674	1744	917															
32/ 31	1.0	2.2	2.3	1.7	.4	.0										.0		1440	1459	1994	1112															
30/ 29	.6	2.0	2.5	1.4	.2											.0		1286	1308	1762	1288															
28/ 27	.3	1.5	2.0	1.1	.1											.0		953	985	1372	1088															
26/ 25	.4	1.6	1.9	.9	.0											.0		920	940	1264	1229															
24/ 23	.2	1.2	1.5	.4												.0		634	649	997	1301															
22/ 21	.1	.8	1.3	.3												.0		486	466	819	1304															
20/ 19	.1	.8	1.1	.1												.0		410	410	625	1062															
18/ 17	.1	.5	1.0	.0												.0		288	288	469	1025															
16/ 15	.1	.6	.7													.0		258	258	327	812															
14/ 13	.0	.4	.4													.0		159	159	310	763															
Element (X)	Σ X ²		Σ X		Σ	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total																						
Rel. Hum.								≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																						
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C 44-72

STATION STATION NAME YEARS MONTH FEB

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
12/ 11	.0	.5	.2															137	138	200	666
10/ 9	.0	.3	.1															74	74	165	473
8/ 7	.0	.1	.0															26	27	65	496
6/ 5	.0	.1																13	14	24	423
4/ 3		.0																6	6	8	330
2/ 1																				6	281
0/ -1																					329
-2/ -3																					212
-4/ -5																					155
-6/ -7																					101
-8/ -9																					45
-10/-11																					20
-12/-13																					15
-14/-15																					4
-16/-17																					3
-18/-19																					1
TOTAL	8.8	24.9	27.1	20.5	10.8	4.8	2.0	.8	.2	.1	.0	.0						19140	19495	19140	19139
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Ref. Hum.	86286852	1225856	64.0	20.155	19140	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	672									
Dry Bulb	27451667	701233	36.0	10.692	19495		248.2	3.9	.6			672									
Wet Bulb	21196572	609606	31.8	9.646	19140		365.4					672									
Dew Point	14033082	456294	23.8	12.839	19139	31.1	510.5					672									

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C 44-72

44-72

MAR
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B. W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point						
88/ 87																						5	5			
86/ 85																							6	6		
84/ 83																							19	19		
82/ 81																							27	27		
80/ 79																							52	52		
78/ 77																							65	65		
76/ 75																							84	84		
74/ 73																							85	86		
72/ 71																							138	138		
70/ 69																							188	188	11	
68/ 67																							222	222	21	1
66/ 65																							281	281	58	3
64/ 63																							368	368	119	20
62/ 61																							400	400	210	65
60/ 59																							561	562	329	123
58/ 57																							613	613	396	234
56/ 55																							641	641	447	302
54/ 53																							728	728	413	288
52/ 51																							805	805	521	342
50/ 49																							966	966	656	326
48/ 47																							1111	1111	765	480
46/ 45																							1374	1374	959	525
44/ 43																							1488	1489	1173	640
42/ 41																							1632	1634	1551	775
40/ 39																							1797	1802	1808	910
38/ 37																							1639	1642	1862	959
36/ 35																							1558	1558	2014	1131
34/ 33																							1337	1337	1797	1399
32/ 31																							1042	1042	1791	1588
30/ 29																							796	797	1330	1453
28/ 27																							537	538	1039	1173
26/ 25																							374	375	944	1327
24/ 23																							245	245	524	1353
22/ 21																							116	117	348	1246
Element (X)	Σ x ²		Σ x		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature					Total										
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																										
Wet Bulb																										
Dew Point																										

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D.C. 44-72 MAR MONTH
 STATION STATION NAME YEARS

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
20/ 19	.0	.2	.1															82	92	183	1117
18/ 17	.0	.1	.1															49	49	114	890
16/ 14	.0	.1	.0															26	26	54	843
14/ 13		.0																3	3	19	712
12/ 11		.0																1	1	5	429
10/ 9																				1	294
8/ 7																					184
6/ 5																					136
4/ 3																					94
2/ 1																					38
0/ -1																					29
-2/ -2																					18
-4/ -5																					5
-6/ -7																					4
-8/ -9																					4
TOTAL	6.5	18.9	20.5	20.7	13.9	8.4	5.2	2.9	1.6	.9	.3	.2	.1	.0						21478	21460
																		21462		21462	

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	91931066	1332864	62.1	20.651	21461	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	43658472	936124	43.6	11.534	21478		113.4	30.9	11.9	2.6		744
Wet Bulb	33209712	818322	38.1	9.663	21462		220.2	1.1				744
Dew Point	22525615	649569	30.1	12.030	21460	2.1	448.5	.0				744

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDRLWS AFB WASHINGTON D C 44-72

YEARS

APR
 MONTH

PAGE 1

ALL
 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
94/93										.0								1	1																		
92/91									.0	.0								10	10																		
90/89								.0	.0	.0								19	19																		
88/87								.0	.1	.0					.0			41	41																		
86/85					.0			.0	.1	.1					.0			77	77																		
84/83								.0	.1	.1					.0			115	115																		
82/81					.0	.0	.0	.1	.2	.2	.1	.1	.1	.1	.0	.0		160	160																		
80/79					.0	.0	.1	.1	.2	.2	.1	.1	.1	.1	.0			195	195																		
78/77					.0	.1	.1	.2	.2	.2	.1	.1	.0	.0				225	225	1																	
76/75				.0	.1	.2	.2	.2	.2	.2	.2	.1	.0					268	268	5																	
74/73			.0	.0	.2	.2	.2	.2	.2	.2	.2	.1	.0					339	339	3	1																
72/71			.0	.1	.2	.3	.3	.3	.3	.3	.2	.1	.0					420	420	19																	
70/69		.0	.1	.3	.4	.3	.3	.3	.3	.3	.1	.0						547	547	78	7																
68/67		.1	.3	.5	.4	.4	.4	.4	.3	.2	.1	.0						647	647	144	13																
66/65	.0	.3	.5	.5	.5	.5	.4	.4	.6	.3	.1							838	838	349	56																
64/63	.1	.7	.6	.6	.4	.4	.4	.6	.3	.2	.0							894	894	544	183																
62/61	.2	.8	.6	.5	.5	.5	.7	.6	.5	.1	.0							1023	1023	769	380																
60/59	.3	1.0	.7	.6	.6	.7	.8	.9	.4	.0								1251	1251	871	571																
58/57	.3	1.0	.7	.7	.7	.8	.9	.7	.2	.0								1244	1248	1011	633																
56/55	.3	1.1	.8	.8	.9	1.0	.8	.5	.1	.0								1311	1314	1075	718																
54/53	.5	1.3	.9	.8	1.1	1.3	1.0	.2	.0									1474	1477	1191	876																
52/51	.4	1.4	1.0	1.1	1.2	1.0	.7	.1										1413	1413	1257	832																
50/49	.5	1.6	1.2	1.4	1.4	1.2	.3	.0										1615	1615	1564	960																
48/47	.6	1.6	1.3	1.4	1.3	.9	.2	.0										1502	1503	1726	1088																
46/45	.5	1.4	1.2	1.4	1.1	.5	.1											1274	1275	1968	1147																
44/43	.4	1.3	1.2	1.1	1.1	.3	.0											1112	1115	1767	1146																
42/41	.2	1.2	.9	1.2	.7	.1	.0											885	885	1687	1183																
40/39	.2	.9	1.1	1.0	.4	.0												741	741	1423	1211																
38/37	.1	.4	.7	.6	.2													415	415	1081	1307																
36/35	.0	.4	.5	.4	.1													291	291	929	1258																
34/33	.1	.2	.3	.2	.0													161	161	533	1206																
32/31	.0	.1	.3	.1	.0													104	104	329	1133																
30/29		.1	.1	.1														65	65	200	1063																
28/27	.0	.1	.0	.0														25	25	110	902																
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature																															
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																									
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C 44-72 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															
26/ 25		.0	.0	.0														7	9	58	892															
24/ 23			.0															2	2	15	746															
22/ 21																				6	427															
20/ 19																				3	299															
18/ 17																					217															
16/ 15																					144															
14/ 13																					45															
12/ 11																					36															
10/ 9																					15															
8/ 7																					11															
6/ 5																					6															
2/ 1																					1															
TOTAL	4.7	17.0	15.1	15.4	13.5	10.6	8.0	5.9	4.2	2.6	1.7	.8	.4	.1	.0			20715	20728	20716	20715															
																		20715		20716																

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total
Rel. Hum.	88616094	1276044	61.6	21.981	20714							
Dry Bulb	64430360	1132330	54.6	11.143	20728		7.1	106.4	50.4	18.0	.0	720
Wet Bulb	48475386	984956	47.5	8.911	20716		25.1	8.7	.3			720
Dew Point	35754143	826781	39.9	11.534	20715		206.4	.7	.0			720

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C

44-72

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
96/ 95													.0	.0					5	5		
94/ 93													.0	.0					8	8		
92/ 91												.0	.0	.0					34	34		
90/ 89										.0	.0	.1	.1	.0					76	76		
88/ 87							.0	.2	.1	.1	.1	.1	.0	.0	.0				152	152		
86/ 85					.0	.0	.1	.2	.3	.2	.2	.1	.0	.0	.0				251	251		
84/ 83					.0	.1	.2	.3	.2	.2	.2	.1	.0	.0					319	319		
82/ 81					.1	.2	.3	.3	.3	.3	.2	.1	.0	.0					400	400		
80/ 79			.0	.0	.2	.4	.5	.4	.4	.3	.2	.1	.0	.0					535	535		
78/ 77			.0	.2	.4	.4	.5	.5	.3	.3	.2	.1	.0	.0					625	625	2	
76/ 75	.0	.0	.1	.5	.5	.7	.6	.5	.5	.4	.2	.1	.0						866	866	44	2
74/ 73		.1	.4	.6	.6	.7	.5	.4	.3	.4	.1	.0	.0						906	906	175	9
72/ 71	.0	.3	.5	.7	.8	.7	.7	.5	.5	.3	.1	.0							1114	1114	389	56
70/ 69	.0	.9	1.1	.8	.7	.7	.7	.5	.5	.2	.0	.0							1463	1363	795	257
68/ 67	.2	1.4	1.1	.8	1.0	.8	.7	.6	.4	.1	.0								1549	1549	1155	599
66/ 65	.5	1.7	1.2	.9	1.1	.8	.8	.6	.3	.1	.0								1693	1693	1486	970
64/ 63	.5	1.8	.8	1.1	.9	.8	.6	.5	.1	.1	.0								1560	1560	1597	1159
62/ 61	.6	1.8	1.2	1.2	.9	.7	.6	.3	.1	.0									1627	1627	1678	1348
60/ 59	.8	2.1	1.4	1.2	1.0	.8	.5	.3	.1	.0									1737	1737	1867	1415
58/ 57	.6	1.6	1.2	1.1	1.0	.6	.3	.1	.0										1391	1391	1981	1445
56/ 55	.6	1.8	1.2	1.1	.8	.5	.2	.1	.0										1342	1343	1974	1568
54/ 53	.4	1.6	1.1	1.0	.5	.3	.2	.0											1100	1100	1777	1565
52/ 51	.4	1.3	1.0	.7	.4	.2	.1	.0											883	883	1714	1581
50/ 49	.2	1.0	.9	.7	.3	.1	.0												703	703	1434	1401
48/ 47	.2	.9	.6	.4	.2	.1													495	496	1152	1397
46/ 45	.2	.6	.4	.3	.1	.0													353	353	879	1275
44/ 43	.0	.3	.3	.1	.1	.0													161	161	576	1163
42/ 41	.0	.1	.2	.1	.1	.0													101	101	348	1052
40/ 39		.1	.1	.1	.0														57	57	199	844
38/ 37		.1	.0	.0	.0														23	23	111	649
36/ 35		.0	.0	.0															12	12	70	514
34/ 33		.1		.0															14	14	32	392
32/ 31																					17	275
30/ 29																					4	125
Element (X)	Σ X ²		Σ X		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature						Total					
Rel. Hum.											≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb																						
Wet Bulb																						
Dew Point																						

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

2

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C 44-72 MAY
 STATION STATION NAME YEARS MONTH

PAGE 2 ALL
 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
28/ 27																					109
26/ 25																					101
24/ 23																					67
22/ 21																					34
20/ 19																					12
18/ 17																					13
16/ 15																					4
TOTAL	5,319.7	14,713.6	11.8	9.8	8.2	6.4	4.6	3.1	1.7	.8	.3	.1	.0					21457		21456	
																		21455		21456	

Element (X)	Σx ²	Σx	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel Hum.	106436404	1445234	67.420	586	21457							
Dry Bulb	89512404	1369164	63.810	002	21457			284.4	144.8	53.0	.5	744
Wet Bulb	70592623	1218909	56.879	923	21456		.7	88.8	7.7			744
Dew Point	58736656	1102088	51.499	959	21456		27.6	32.0	.4			744

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C 43-72 JUN MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
100/ 99									.0	.0				.0				7	7																
98/ 97									.0	.1	.0			.0				15	15																
96/ 95									.1	.1	.0	.0		.0				55	55																
94/ 93					.0		.0	.1	.1	.1	.1	.0		.0				108	108																
92/ 91				.0	.0	.0	.1	.3	.3	.3	.2	.1	.0	.0				278	278																
90/ 89				.0	.0	.1	.3	.5	.6	.4	.2	.1	.0	.0				446	446																
88/ 87		.0		.0	.1	.2	.5	.7	.6	.4	.2	.1	.0	.0	.0			580	580																
86/ 85			.0	.1	.2	.5	.8	.7	.5	.5	.3	.1	.0					766	767	3															
84/ 83			.0	.1	.4	.9	.9	.7	.5	.4	.2	.0	.0					849	849	6	3														
82/ 81		.0		.3	.9	.9	.8	.5	.4	.4	.2	.0	.0					908	912	25	5														
80/ 79		.0	.3	.7	1.0	1.0	.8	.5	.4	.3	.1	.0						1056	1060	162	17														
78/ 77		.1	.6	1.0	1.1	.9	.8	.7	.4	.4	.1	.1	.0					1253	1262	327	52														
76/ 75	.0	.4	1.3	1.5	1.1	.9	.7	.6	.4	.3	.1	.0						1484	1488	831	162														
74/ 73	.1	1.0	1.8	1.5	.9	.7	.5	.4	.1	.0	.0							1639	1641	1321	480														
72/ 71	.2	2.1	2.0	1.3	1.0	.7	.7	.4	.2	.0	.0							1794	1808	1856	1030														
70/ 69	.6	2.6	2.0	1.4	1.1	.8	.5	.2	.1	.0								1890	1894	2391	1042														
68/ 67	.6	2.4	1.7	1.3	1.0	.7	.4	.2	.0									1678	1683	2227	2063														
66/ 65	.7	2.5	1.7	1.2	.7	.4	.3	.1	.0									1542	1559	2230	2177														
64/ 63	.3	1.6	1.5	.9	.7	.3	.1	.1	.0									1106	1110	1941	1901														
62/ 61	.3	1.5	1.3	.8	.5	.1	.1	.0										925	931	1759	1646														
60/ 59	.3	1.2	1.1	.7	.3	.1	.0											740	747	1666	1643														
58/ 57	.1	1.1	.7	.4	.2	.0	.0											519	525	1265	1565														
56/ 55	.1	.8	.5	.3	.1	.0												384	388	1010	1432														
54/ 53	.1	.6	.3	.2	.0	.0												245	245	634	1165														
52/ 51	.1	.2	.2	.1														113	113	406	992														
50/ 49	.0	.1	.1	.0														47	48	227	758														
48/ 47		.0	.0	.0														15	15	106	530														
46/ 45		.0																4	4	54	399														
44/ 43		.0																2	2	8	242														
42/ 41																				2	160														
40/ 39																					90														
38/ 37																					48														
36/ 35																					20														
34/ 33																					8														
Element (X)	Σ X ²	Σ X	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature																													
Rel Hum						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C 43-72

STATION STATION NAME YEARS

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

PAGE 2

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				
32/ 31																								4
30/ 29																								1
26/ 25																								1
14/ 15																								
TOTAL	3.4	18.5	16.9	13.7	11.4	9.5	8.5	6.8	5.1	3.6	1.8	.6	.2	.0	.0	.0				20456	20540		20457	
Element (X)	Z _X ²	Z _X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature							Total											
Rel. Hum.	107570233	1436277	70.2	18.144	20458	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	720												
Dry Bulb	108746414	1482644	72.2	9.163	20540			520.7	331.9	160.4	6.5	720												
Wet Bulb	87368973	1329779	65.0	7.737	20457			322.0	94.1	3.9		720												
Dew Point	77070401	1243229	60.9	7.887	20457			319.7	25.3	.4		720												

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13702 ANDREWS AFB WASHINGTON D C 43-72

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																
102/101															.0	.0																3	3		
100/99															.0	.0	.0															14	14		
98/97															.0	.1	.0	.1														46	46		
96/95															.0	.1	.1	.0														95	95		
94/93												.0	.1	.2	.2	.2	.2	.1														214	215		
92/91								.0	.1	.4	.5	.4	.3	.2	.0	.0																397	401		
90/89					.0	.0	.1	.5	.8	.7	.5	.3	.1	.0																		645	651		
88/87					.0	.1	.5	1.2	.9	.9	.5	.3	.1	.0																		923	936		
86/85		.0	.0	.0	.5	1.2	1.1	1.1	.7	.5	.2	.1	.0																			1158	1176		
84/83			.0	.3	.9	1.2	1.1	.7	.6	.4	.2	.0	.0	.0																		1191	1223	3	2
82/81		.0	.2	.8	1.4	1.1	.9	.7	.6	.4	.3	.1	.0																			1405	1475	13	2
80/79		.1	.9	1.9	1.5	1.4	.9	.7	.7	.4	.2	.1	.0	.0																		1810	1858	174	9
78/77	.0	.5	1.6	1.9	1.3	1.0	.7	.6	.3	.2	.0	.0																				1736	1788	797	67
76/75	.1	1.7	2.6	1.7	1.3	1.0	.7	.3	.2	.1	.0	.0																				2079	2135	1767	404
74/73	.4	3.6	2.6	1.6	1.2	.8	.4	.2	.1	.0	.0																					2344	2392	2726	1419
72/71	.9	4.1	2.4	1.7	1.2	.5	.2	.1	.0	.0																						2374	2458	3548	2763
70/69	1.1	2.7	2.1	1.4	.7	.5	.2	.1	.0																							1873	1946	3233	3123
68/67	.3	1.5	1.8	1.1	.6	.2	.1	.0	.0																							1220	1290	2510	2587
66/65	.3	1.3	1.4	.7	.4	.1	.1																									916	969	2172	2340
64/63	.1	.7	.9	.4	.2	.1	.0	.0																								510	542	1837	1903
62/61	.0	.4	.5	.2	.1	.0	.0																									273	289	1158	1773
60/59	.0	.3	.2	.1	.1	.0																										155	163	769	1479
58/57		.1	.1	.1	.0	.0																										70	86	411	1149
56/55		.0	.0	.0																												17	17	215	864
54/53			.0																													1	1	93	596
52/51																																		42	399
50/49																																		9	252
48/47																																			138
46/45																																			91
44/43																																			59
42/41																																			44
40/39																																			17
38/37																																			5
36/35																																			1
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																													
Ref. 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) REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUL 64

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/20

PSYCHROMETRIC SUMMARY

13705 STATION ANDREWS AIR WAREHOUSE TUNN C 43-72 MONTH JUL

PAGE 2 ALL HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL		
	1-2	2-4	4-6	6-8	8-10	10-12	12-14	14-16	16-18	18-20	20-22	22-24	24-26	26-28	28-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
TOTAL	5.2	1.1	2.3	3.9	1.1	2.7	0.0	0.6	5.5	3.7	2.1	1.0	.4	.1	.0		21477	22131	21476	
Element (X)	Σx		Σx		X		σ _x		No. Obs.		Mean No. of Hours with Temperature									
Rel. Hum.	114542835		1520217		70.8		17.953		21476		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb	12950407		1684891		76.1		7.621		22131				674.4	483.0	241.8	12.5	744			
Wet Bulb	102246476		1477676		68.8		5.198		21477				311.7	189.8	1.9		744			
Dew Point	91648920		1395902		65.0		6.537		21476				359.5	65.9	.2		744			

USAF ETAC FORM 0-26.5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDRLWS AFB WASHINGTON D C
STATION STATION NAME

43-71
YEARS

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	Dew Point				
100/ 99						.0									.0	.0	.0	.0	.0	8	8				
98/ 97				.0	.0	.0	.0			.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	24				
96/ 95					.0	.0	.0			.0	.0	.1	.1	.0	.0					54	64				
94/ 93					.0	.0	.0	.0		.0	.1	.1	.1	.1	.0					116	132				
92/ 91			.0	.0	.0	.0	.1	.2	.4	.2	.1	.1	.1	.1	.0					263	278	1			
90/ 89			.0	.0	.0	.1	.4	.6	.5	.3	.3	.1	.0							483	505	5	1		
88/ 87				.0	.1	.3	.7	.6	.5	.4	.2	.1	.0							599	627	8	5		
86/ 85			.0	.3	.9	1.0	.7	.6	.3	.2	.0	.0	.0							884	915	12	6		
84/ 83		.0	.1	.3	.7	1.2	.9	.8	.4	.4	.1	.0								1012	1055	12	7		
82/ 81		.0	.1	.9	1.3	1.0	.9	.6	.4	.3	.1	.0								1158	1182	21	19		
80/ 79		.1	.8	1.3	1.2	1.1	1.0	.7	.4	.3	.1	.0								1474	1529	127	22		
78/ 77	.0	.4	1.6	1.5	1.3	1.0	.8	.6	.5	.2	.0	.0								1664	1717	376	70		
76/ 75	.1	1.5	2.4	1.7	1.2	.8	.7	.7	.3	.1	.0									1969	2056	1413	335		
74/ 73	.3	3.0	2.8	1.8	.9	.8	.5	.3	.2	.0										2236	2317	2103	1175		
72/ 71	.8	4.3	2.4	1.2	.9	.6	.4	.3	.0	.0										2268	2366	2796	2151		
70/ 69	.8	3.5	2.5	1.3	.8	.6	.2	.1	.0	.0										2064	2142	3315	2736		
68/ 67	.6	2.3	2.0	1.1	.6	.3	.1	.0												1477	1507	2517	2594		
66/ 65	.5	1.7	1.4	1.0	.6	.2	.1	.0												1111	1124	2194	2205		
64/ 63	.3	1.3	1.0	.5	.2	.1	.0													719	729	1808	1982		
62/ 61	.2	.9	.6	.5	.2	.0	.0													525	532	1427	1641		
60/ 59	.1	.5	.6	.4	.1	.0	.0													340	342	1012	1438		
58/ 57	.1	.3	.4	.2	.0	.0	.0													205	205	695	1215		
56/ 55	.0	.2	.2	.0	.0	.0														96	96	421	1008		
54/ 53	.0	.1	.1	.0	.0	.0														61	61	212	755		
52/ 51	.0	.0	.0	.0	.0															14	14	113	632		
50/ 49	.0	.0	.0																	6	6	26	364		
48/ 47		.0																		1	1	14	244		
46/ 45																						4	143		
44/ 43																						2	42		
42/ 41																							19		
40/ 39																							14		
38/ 37																							11		
36/ 35																							1		
Element (X)	Σx ²	Σx	\bar{x}	s _x	No. Obs.	Mean No. of Hours with Temperature																			
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total													
Dry Bulb																									
Wet Bulb																									
Dew Point																									

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C 43-71 S-P
 STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
100/ 99																		4	4		
98/ 97											.0	.0						12	12		
96/ 95										.0	.0	.1	.0	.0				19	19		
94/ 93										.0	.0	.0	.0					28	28		
92/ 91							.0	.1	.1	.1	.1	.0	.0	.0	.0			102	102		
90/ 89					.0	.0	.1	.3	.2	.1	.1	.0	.0	.0	.0			190	190		
88/ 87				.0	.1	.4	.4	.3	.2	.1	.1	.0	.0	.0				273	273		
86/ 85			.0	.1	.4	.4	.3	.2	.1	.1	.0	.0	.0					360	360		
84/ 83		.0	.1	.5	.5	.4	.4	.2	.1	.1	.0	.0	.0					501	502		
82/ 81		.0	.0	.4	.7	.5	.4	.3	.1	.1	.0	.0						629	629	6	
80/ 79		.0	.3	.7	.6	.6	.5	.3	.2	.1	.1	.1						791	792	23	6
78/ 77	.0	.1	.7	.8	.8	.6	.5	.5	.4	.2	.1	.0						996	997	183	15
76/ 75	.0	.7	1.4	.9	.8	.6	.7	.5	.3	.2	.0	.0						1278	1278	709	94
74/ 73	.2	1.6	1.4	1.0	.7	.7	.6	.5	.4	.1	.0							1469	1470	1083	496
72/ 71	.6	2.3	1.4	1.0	.7	.7	.6	.5	.3	.0	.0							1672	1675	1433	1189
70/ 69	.8	2.5	1.5	1.2	.9	.7	.6	.4	.2	.1								1843	1848	1744	1514
68/ 67	.8	2.2	1.8	1.0	.8	.6	.6	.3	.1	.0								1721	1721	1749	1570
66/ 65	.9	1.9	1.9	1.1	.7	.6	.5	.3	.1	.0								1669	1670	1782	1482
64/ 63	.4	1.8	1.7	1.1	.7	.5	.3	.2	.0									1391	1391	1783	1453
62/ 61	.4	2.0	1.5	1.0	.6	.3	.2	.1	.0									1280	1280	1692	1491
60/ 59	.5	1.9	1.4	.9	.5	.2	.2	.1										1183	1183	1828	1511
58/ 57	.2	1.7	1.4	.7	.3	.2	.1	.0										950	952	1605	1497
56/ 55	.2	1.6	1.3	.6	.2	.1	.0	.0										829	829	1419	1515
54/ 53	.2	.9	1.0	.5	.2	.0	.0	.0										592	595	1173	1380
52/ 51	.1	.6	.7	.3	.1	.0												371	371	866	1145
50/ 49	.0	.5	.5	.2	.1	.0												263	263	644	1045
48/ 47	.0	.4	.4	.1	.0													197	197	436	908
46/ 45	.0	.2	.2	.0	.0													105	105	342	793
44/ 43	.0	.1	.1	.0														56	56	164	537
42/ 41	.0	.1	.1	.0														26	26	83	412
40/ 39	.0	.0	.0															15	15	42	270
38/ 37	.0	.0	.0															5	5	27	204
36/ 35																				7	138
34/ 33																					73
Element (X)	Σ x'		Σ x		x̄		σ _x		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 STATION ANDREWS AFB WASHINGTON D.C. 43-71 YEARS SLIP 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
32/ 31																						48
30/ 29																						29
28/ 27																						4
26/ 25																						1
22/ 21																						2
TOTAL	5.5	23.3	20.4	13.6	10.0	8.1	7.1	5.7	3.4	1.6	.8	.3	.1	.0	.0	.0	.0		20838		20822	
																			20820		20823	

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	119053878	1528792	73.5	17.993	20809			411.2	230.0	87.8	2.2	720
Dry Bulb	98588447	1419385	68.1	9.566	20838			239.6	69.3	.5		720
Wet Bulb	81777198	1294278	62.2	7.992	20823			2.9	168.9	21.1	.1	720
Dew Point	72719044	1214956	58.3	9.367	20822							

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C 43-71

STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
92/ 91								.0	.0		.0							3	3					
90/ 89								.0	.0	.0	.0							13	13					
88/ 87						.0	.0	.0	.0	.0	.0							23	23					
86/ 85						.0	.0	.0	.1	.0	.0		.0	.0				43	43					
84/ 83						.0	.0	.1	.1	.0	.0		.0					75	75					
82/ 81				.0	.0	.1	.1	.1	.1	.0	.0							113	113					
80/ 79			.0	.0	.1	.2	.1	.2	.1	.1	.1	.0	.0	.0				206	206					
78/ 77			.0	.1	.1	.2	.3	.2	.2	.1	.1	.0	.0					275	275	3				
76/ 75		.0	.1	.2	.2	.3	.2	.2	.2	.1	.0	.0						336	336	25	1			
74/ 73	.0	.1	.2	.3	.4	.3	.4	.4	.2	.1	.0	.0						537	537	73	15			
72/ 71	.0	.3	.3	.4	.4	.4	.4	.4	.2	.1	.1	.0	.0					643	643	161	66			
70/ 69	.1	.5	.5	.5	.4	.4	.4	.4	.2	.1	.0	.0	.0					780	780	338	139			
68/ 67	.2	.8	.7	.6	.5	.4	.4	.4	.2	.1	.0							958	958	491	317			
66/ 65	.4	1.4	.9	.9	.6	.6	.5	.4	.3	.1	.0	.0						1266	1267	786	473			
64/ 63	.7	1.7	1.2	.8	.8	.6	.6	.3	.2	.0	.0							1475	1475	1048	767			
62/ 61	.6	2.0	1.1	.8	.7	.6	.6	.3	.1	.0	.0							1484	1486	1312	905			
60/ 59	.6	2.1	1.4	1.1	1.0	.8	.5	.4	.1	.0								1692	1693	1492	1101			
58/ 57	.7	2.0	1.5	1.2	.9	.7	.5	.2	.0									1666	1668	1489	1148			
56/ 55	.9	2.0	1.5	1.3	1.0	.7	.4	.1										1682	1583	1684	1261			
54/ 53	.6	1.8	1.6	1.4	.9	.6	.3	.0										1565	1566	1665	1315			
52/ 51	.5	1.6	1.6	1.2	.7	.5	.2	.0										1360	1360	1675	1335			
50/ 49	.5	1.7	1.9	1.1	.8	.3	.1	.0										1378	1379	1732	1361			
48/ 47	.3	1.5	1.6	1.0	.4	.2	.1	.0										1112	1116	1705	1329			
46/ 45	.1	1.3	1.0	.8	.4	.1	.0											815	820	1533	1384			
44/ 43	.1	1.0	.9	.4	.3	.1	.0											619	620	1242	1438			
42/ 41	.1	.8	.8	.4	.2	.1												493	493	960	1326			
40/ 39	.1	.5	.7	.2	.1	.0												339	339	705	1085			
38/ 37	.1	.5	.4	.1	.0													226	226	534	979			
36/ 35	.1	.4	.2	.1	.0													157	157	384	954			
34/ 33	.0	.3	.1	.1														96	96	214	756			
32/ 31		.1	.1	.0														54	54	135	612			
30/ 29		.0	.0															14	14	59	495			
28/ 27		.0	.0															5	5	47	303			
26/ 25																				11	178			
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total												
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb																								
Wet Bulb																								
Dew Point																								

FORM 104 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C 43-71 OCT MONTH
 STATION STATION NAME YEARS

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
24/ 23																				133
22/ 21																				78
20/ 19																				91
18/ 17																				62
16/ 15																				37
14/ 13																				18
12/ 11																				11
10/ 9																				2
8/ 7																				5
6/ 5																				3
TOTAL	0.8	24.3	20.4	15.2	10.8	6.1	6.3	4.2	2.3	.9	.4	.2	.0	.0				21503	21524	21503
																		21503	21503	

Element (X)	Σx ²	Σx	x̄	σ _x	No. Obs.	Mean No. of Hours with Temperature								
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total		
Rel. Hum.	117617482	1534926	71.4	19.345	21502									
Dry Bulb	73758157	1241343	57.7	10.034	21524		2.5	130.4	56.1	13.0			744	
Wet Bulb	60491927	1124287	52.3	8.914	21503		8.7	37.7	3.5				744	
Dew Point	50923666	1019404	47.4	10.988	21503		70.2	18.6	.6				744	

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

DATA PROCESSING BRANCH
USAF ETAL
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C 43-71

NOV
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B	W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83								.0		.0								4		4		
82/ 81								.0		.0								6		6		
80/ 79								.0		.0								11		11		
78/ 77								.0		.0								20		20		
76/ 75					.0		.1	.1		.0				.0	.0			52		52		
74/ 73				.0	.1		.0	.0		.0				.0	.0			64		64		
72/ 71			.1	.1	.1		.0	.1	.1	.1				.0	.0			116	116		4	
70/ 69		.1	.2	.1	.1	.1	.1	.1	.2	.1	.1			.0				219	219		19	2
68/ 67	.0	.2	.2	.1	.1	.1	.1	.1	.2	.1	.0							256	256	110		24
66/ 65	.1	.2	.2	.2	.2	.2	.2	.2	.2	.1	.0							340	340	140		81
64/ 63	.1	.4	.3	.3	.2	.3	.3	.2	.1	.0	.0							462	462	190		180
62/ 61	.2	.6	.4	.3	.4	.4	.4	.2	.1	.0								634	634	245		198
60/ 59	.5	1.0	.6	.4	.5	.5	.5	.2	.1	.0								863	863	467		313
58/ 57	.4	1.1	.5	.5	.5	.5	.2	.0										900	902	600		383
56/ 55	.6	1.2	.8	.6	.7	.8	.4	.2	.0									1123	1124	745		559
54/ 53	.4	1.1	1.0	.8	1.0	.7	.4	.1	.0									1139	1140	809		534
52/ 51	.4	1.2	.9	1.0	1.1	.9	.4	.0										1225	1228	919		517
50/ 49	.4	1.0	1.1	1.2	1.5	1.0	.2	.0										1346	1348	1029		604
48/ 47	.3	1.2	1.4	1.4	1.6	.7	.2											1438	1442	1062		740
46/ 45	.5	1.4	1.4	2.0	1.5	.6	.0											1535	1536	1429		764
44/ 43	.3	1.3	1.7	1.9	1.3	.3	.0											1449	1449	1456		848
42/ 41	.3	1.5	1.7	1.9	1.1	.2	.0											1405	1407	1589		1021
40/ 39	.6	1.5	2.1	1.8	.8	.1												1442	1445	1830		1127
38/ 37	.4	1.4	2.2	1.4	.5	.0												1245	1247	1689		1240
36/ 35	.2	1.5	2.0	1.2	.3	.0												1085	1088	1608		1244
34/ 33	.2	1.4	1.5	.8	.2													849	849	1404		1439
32/ 31	.1	1.3	1.1	.5	.0													620	620	1162		1452
30/ 29	.1	1.0	.8	.3	.0													458	459	961		1445
28/ 27	.0	.5	.4	.1														214	214	622		1269
26/ 25	.0	.3	.2	.0														117	118	340		1305
24/ 23		.2	.2	.0														80	80	157		971
22/ 21		.1	.1	.0														51	51	99		750
20/ 19		.1	.0															21	21	68		456
18/ 17		.0	.0															12	12	27		450
Element (X)	Σx^2	Σx	\bar{x}	e_x	No. Obs.	Mean No. of Hours with Temperature																
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 37 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb																						
Wet Bulb																						
Dew Point																						

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDRLWS AFB WASHINGTON D C 43-71 NIV
 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		.0																5	5	10	321
14/ 13		.0																1	1	8	194
12/ 11																				1	138
10/ 9																					92
8/ 7																					51
6/ 5																					36
4/ 3																					30
2/ 1																					15
0/ -1																					3
-2/ -3																					5
-4/ -5																					4
-6/ -7																					1
TOTAL	6.3	22.6	23.0	19.1	14.1	7.8	3.9	2.0	.8	.3	.1	.0						20867	20833	20806	

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	102500441	1402617	67.6	19.042	20807							
Dry Bulb	48041518	976436	46.9	10.453	20823		54.6	25.9	5.4	.6		720
Wet Bulb	38656847	873981	42.0	9.671	20807		119.8	4.6				720
Dew Point	29562349	743061	35.7	12.058	20806	.4	311.0	.9				720

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13709 ANDREWS AFB WASHINGTON D C 43-71 710
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	
76/75																		1	1			
74/73									.0									1	1			
72/71					.0	.0	.0	.0	.0									11	11			
70/69				.0	.0	.0	.1	.0	.0	.0								42	42			
68/67		.0	.1	.0	.1	.1	.0	.0	.0	.0								52	52	1		
66/65		.0	.0	.0	.0	.1	.1	.0	.0	.0	.0							63	68	10	3	
64/63	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0						119	120	35	10	
62/61	.0	.3	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0					187	187	66	41	
60/59	.1	.2	.3	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0					243	246	146	82	
58/57	.2	.2	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0					262	272	181	123	
56/55	.2	.3	.3	.2	.2	.2	.2	.1	.0	.0	.0	.0	.0					352	357	216	146	
54/53	.1	.4	.3	.2	.3	.3	.2	.1	.0	.0	.0	.0	.0					397	400	251	207	
52/51	.3	.5	.4	.2	.3	.3	.2	.1	.0	.0	.0	.0	.0					449	460	318	216	
50/49	.2	.6	.4	.5	.6	.3	.2	.0	.0	.0	.0	.0	.0					612	630	333	260	
48/47	.3	1.0	.5	.6	.8	.4	.1	.0	.0	.0	.0	.0	.0					799	804	409	311	
46/45	.4	1.2	.6	1.1	.8	.4	.1	.0	.0	.0	.0	.0	.0					986	990	628	388	
44/43	.6	1.1	.9	1.1	.8	.4	.1	.0	.0	.0	.0	.0	.0					1055	1066	798	522	
42/41	.6	1.5	1.2	1.4	1.0	.3	.0	.0	.0	.0	.0	.0	.0					1280	1288	920	518	
40/39	.7	1.5	1.9	1.9	1.4	.3	.0	.0	.0	.0	.0	.0	.0					1615	1624	1242	621	
38/37	.4	1.5	2.2	2.6	.9	.1	.0	.0	.0	.0	.0	.0	.0					1629	1640	1256	649	
36/35	.7	1.9	2.6	2.5	.8	.0	.0	.0	.0	.0	.0	.0	.0					1811	1829	1497	836	
34/33	.5	2.5	2.6	2.0	.4	.0	.0	.0	.0	.0	.0	.0	.0					1695	1705	1767	1019	
32/31	.7	2.0	2.7	1.9	.3	.0	.0	.0	.0	.0	.0	.0	.0					1600	1627	2143	1219	
30/29	.3	1.9	2.9	1.6	.2	.0	.0	.0	.0	.0	.0	.0	.0					1482	1523	1765	1233	
28/27	.2	1.7	2.5	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0					1125	1144	1633	1114	
26/25	.2	1.7	2.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0					1004	1007	1501	1357	
24/23	.1	1.3	1.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0					695	699	1222	1337	
22/21	.1	1.2	1.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0					627	631	901	1393	
20/19	.1	1.0	1.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0					447	452	731	1180	
18/17	.0	.6	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0					257	264	542	1151	
16/15	.0	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0					164	171	332	1155	
14/13	.0	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0					100	112	191	943	
12/11	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0					59	61	124	776	
10/9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0					26	26	67	548	
Element (X)	Σx²		Σx		̄x	s _x	No. Obs.		Mean No. of Hours with Temperature						Total							
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																						
Wet Bulb																						
Dew Point																						

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 STATION ANDREWS AFB WASHINGTON D C STATION NAME 43-71 YEARS DEC MONTH
 PAGE 2 ALL HOURS (L. S. T. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
8/ 7		.0																6	6	29	459
6/ 5			.0																	1	445
4/ 3																					317
2/ 1																					258
0/ -1																					170
-2/ -3																					81
-4/ -5																					60
-6/ -7																					37
-8/ -9																					30
-10/-11																					8
-12/-13																					4
-14/-15																					2
TOTAL	7.1	27.0	30.2	20.7	9.4	3.5	1.4	.5	.2	.0	.0										21256
																					21256

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	100122534	1403380	66.0	18.734	21254	$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total
Dry Bulb	31403691	790265	36.7	10.513	21516		267.1	3.7	.1			744
Wet Bulb	25046958	698670	32.9	9.898	21256		321.4	.0				744
Dew Point	17481698	543950	25.6	12.944	21255		13.9	535.7				744

USAF ETAC FORM 0-26-5 (OL A) JUL 64 REVISID PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDRLWS AFB WASHINGTON D C 44-72 JAN
STATION STATION NAME YEARS MONTH
 PAGE 2 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point					
2/-1		.1																	2	2	54					
0/-1																				1	49					
-2/-3																					31					
-4/-5																					26					
-6/-7																					16					
-8/-9																					6					
-10/-11																					4					
-12/-13																					1					
TOTAL	9.9	35.0	36.7	13.8	3.7	.7	.1										2586	2670	2586	2586						

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	13222295	179357	69.4	17.430	2586							
Dry Bulb	3099589	86421	32.4	10.644	2670		49.0	.1				93
Wet Bulb	2490854	75672	29.3	10.343	2586	.0	61.5					93
Dew Point	1793989	58555	22.6	13.457	2586	4.8	72.2					93

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 STATION ANDREWS AFB WASHINGTON D.C. STATION NAME

44-72 YEARS

JAN MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21	22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet B.-lb.	Dew Point
64/63		.0	.0			.0													3	3		
62/61	.1	.2																	10	10	7	2
60/59	.0	.1	.3	.2	.1	.0													19	19	3	7
58/57		.4	.3	.1	.1	.0													25	25	8	2
56/55		.3	.3	.0	.0														17	18	19	9
54/53	.0	.5	.5	.1	.0	.0													31	36	25	18
52/51	.1	.6	.4	.1	.1	.0													34	32	34	24
50/49	.3	.4	.1			.0		.0											22	24	33	31
48/47	.2	.5	.4	.2	.3		.0												42	44	31	20
46/45	.2	1.1	.3	.3	.3														52	60	24	36
44/43	.3	.9	.6	.4	.4														71	72	54	36
42/41	.9	1.3	.8	.7	.3	.0													104	111	67	49
40/39	.9	1.5	1.2	.7	.5														127	135	100	63
38/37	1.3	1.5	1.6	1.3	.2	.0													155	174	116	85
36/35	1.1	2.1	2.3	1.6	.3														188	197	133	77
34/33	.5	3.1	2.9	1.6	.2														212	218	144	88
32/31	1.2	2.8	3.5	1.4	.2														235	244	234	126
30/29	.9	3.4	3.0	1.3	.1														224	232	235	136
28/27	.6	2.9	2.1	.4															153	153	231	140
26/25	.4	2.7	3.2	.4															179	180	195	143
24/23	.1	2.4	2.8	.1															137	144	153	150
22/21	.1	2.3	2.2	.0															119	122	161	121
20/19	.5	1.7	1.7	.1															102	102	144	137
18/17	.3	1.5	1.0																73	73	101	151
16/15	.3	1.3	.5																55	55	92	168
14/13	.2	1.2	.9																56	58	53	126
12/11	.3	1.2	.2																42	42	63	120
10/9	.2	1.3	.0																39	39	45	84
8/7	.1	.6																	19	18	40	81
6/5	.1	.3																	10	10	13	84
4/3	.0	.3																	9	9	10	69
2/1																					4	46
0/-1																						39
-2/-3																						24
Element (X)	Σx^2		Σx		\bar{x}	σ_x	No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																						
Wet Bulb																						
Dew Point																						

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C 44-72 JAN
 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
-4/-5																					32
-6/-7																					20
-8/-9																					14
-10/-11																					4
-18/-19																					2
-22/-23																					1
TOTAL	11.2	40.6	33.3	11.3	3.1	.3	.0	.0										2665	2572	2572	
																		2572			
Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel Hum.	13698558	182472	70.9	17.114	2572	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93									
Dry Bulb	2925763	83485	31.3	10.796	2665		51.7					93									
Wet Bulb	2377096	73330	28.5	10.554	2572		64.1					93									
Dew Point	1746755	57231	22.3	13.568	2572	4.9	72.9					93									

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDRIWS AFB WASHINGTON D C

44-72

JAN

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
66/ 65		.0																1	1		
64/ 63				.1														2	2	1	
62/ 61	.1	.1			.0													5	5	3	2
60/ 59		.3	.3	.1														18	19	6	4
58/ 57	.0	.2	.2	.2	.1													20	22	10	5
56/ 55	.0	.2	.2															13	15	13	10
54/ 53	.1	.7	.1	.0	.1	.0												26	30	25	16
52/ 51	.2	.3	.4	.0														24	25	29	24
50/ 49	.2	.7	.2	.1	.0	.0	.0											35	35	20	26
48/ 47	.2	.6	.2	.2	.2	.0												38	38	29	21
46/ 45	.2	1.1	.6	.4	.2	.0												64	67	40	39
44/ 43	.3	1.2	.8	.2	.2	.2												70	74	49	33
42/ 41	1.0	1.2	.7	.5	.2	.1												92	101	79	54
40/ 39	.9	1.5	.8	.9	.2	.0												110	120	93	66
38/ 37	.9	1.7	.6	.9	.3													111	128	89	75
36/ 35	1.2	2.2	2.7	1.8	.2													210	218	128	90
34/ 33	.8	3.7	2.7	1.7	.1													230	231	136	91
32/ 31	1.0	3.1	3.4	1.2														239	250	245	120
30/ 29	.9	3.4	3.0	.8	.2													214	224	231	139
28/ 27	.6	2.3	3.2	.5														172	174	226	142
26/ 25	.3	2.7	2.7	.2														152	156	181	125
24/ 23	.0	2.6	3.4	.2														161	162	166	135
22/ 21	.1	2.3	2.1	.1														117	118	143	145
20/ 19	.3	2.2	1.7	.0														111	114	175	110
18/ 17	.3	2.1	1.3															94	94	119	185
16/ 15	.3	1.7	.3															59	59	95	133
14/ 13	.1	1.4	.5															53	53	64	128
12/ 11	.2	1.8	.2															56	57	52	110
10/ 9	.3	1.2	.2															42	42	61	101
8/ 7	.0	.4																12	12	32	117
6/ 5		.4																10	10	14	74
4/ 3	.1	.2	.0															10	10	13	71
2/ 1	.0																	1	1	5	44
0/ -1	.0																	1	1	1	33
Element (X)	Σx^2	Σx		\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.							$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total								
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C 44-72 JAN
 STATION STATION NAME YEARS MONTH

PAGE 2 0600-0800
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb
-2/-3	.0																1	1	1	36
-4/-5																				24
-6/-7																				11
-8/-9																				17
-10/-11																				5
-12/-13																				3
-16/-17																				1
-18/-19																				2
-22/-23																				1
TOTAL	11.5	43.5	32.6	10.4	1.8	.3	.1											2669		2574
																		2574		

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	13985860	184650	71.7	16.955	2574							
Dry Bulb	2824385	81985	30.7	10.710	2669	.1	53.6					93
Wet Bulb	2309446	72152	28.0	10.560	2574	.1	65.9					93
Dew Point	1715264	56476	21.9	13.603	2574	4.8	72.9					93

USAF ETAC FORM 11-26-5 (OL A) JUL 64 REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C 44-72

JAN
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
70/69					.0													1	1		
68/67				.1														3	3		
66/65			.1	.1	.0	.1												9	9		
64/63			.2	.1	.1	.0												11	12	1	
62/61	.0	.1	.2	.2	.2	.1												22	24	8	
60/59	.0		.3	.1	.2	.0												18	21	12	5
58/57	.0	.2	.0	.2	.2													15	15	16	11
56/55	.0	.6	.2	.3	.2	.1	.0											37	37	19	15
54/53	.0	.3	.2	.2	.2	.0		.0										27	30	34	26
52/51	.2	.5	.3	.2	.3	.3	.0		.0									48	51	28	23
50/49	.2	.4	.3	.2	.3	.2	.1											47	48	37	28
48/47	.2	.4	.6	.7	.5	.2	.0	.0										67	72	30	30
46/45	.3	.8	.4	.7	.7	.3	.1											84	91	49	31
44/43	.5	1.2	.8	.5	.6	.3												107	117	63	53
42/41	.5	1.4	1.0	1.4	.9	.1												139	148	98	52
40/39	.6	1.4	1.7	1.9	1.3	.1												185	188	114	62
38/37	.8	1.9	1.7	2.5	1.2													210	220	139	85
36/35	.4	2.5	2.6	3.0	.8													243	249	175	88
34/33	.8	2.5	2.6	2.7	.2	.0												230	237	211	116
32/31	1.1	2.0	2.9	2.6	.2													229	231	274	135
30/29	.5	1.6	2.4	2.3	.2													181	183	240	143
28/27	.1	.9	2.5	1.8	.0													137	137	195	123
26/25	.3	1.1	3.0	1.2	.0													147	147	175	150
24/23	.1	.7	2.5	.4														96	96	155	145
22/21	.1	.8	1.9	.1														74	75	146	142
20/19	.1	1.3	1.5	.1														78	80	102	143
18/17		.7	.8	.1														41	41	96	134
16/15	.0	.7	.8															38	38	49	143
14/13	.1	.7	.5															32	32	48	107
12/11	.0	.5	.1															18	18	34	97
10/9	.0	.4	.0															13	13	23	82
8/7		.2	.1															6	6	13	109
6/5		.1																3	3	5	100
4/3																				2	59
Element (X)	Σ X ²		Σ X		Σ	Σ	No. Obs.	Mean No. of Hours with Temperature													
Rel. Hum.								≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C 44-72 JAN
 STATION STATION NAME YEARS MONTH
 PAGE 2 0900-1100
 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
2/ 1																					41
0/ -1																					33
-2/ -3																					22
-4/ -5																					21
-6/ -7																					16
-8/ -9																					8
-10/-11																					2
-14/-15																					2
-16/-17																					2
-18/-19																					1
-20/-21																					1
TOTAL	7.2	25.8	32.3	24.0	8.4	2.0	.3	.1										2673		2591	
																		2591		2591	
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	11763166	167588	64.7	18.882	2591	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	9.3									
Dry Bulb	3524118	92940	34.8	10.465	2673		38.3	.1				9.3									
Wet Bulb	2731754	79976	30.5	10.080	2591		58.9					9.3									
Dew Point	1462567	59755	23.1	3.677	2591	3.9	70.6					9.3									

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C 44-72

JAN 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																
78/77								.0										1	1																		
76/75							.1											2	2																		
74/73					.0	.0												2	2																		
72/71					.0	.0	.0	.2										7	7																		
70/69				.0	.2	.2		.1	.0	.0								14	14																		
68/67				.3	.1	.2	.0											17	18																		
66/65				.1	.0	.3	.3	.1	.0									20	20	1																	
64/63		.1	.1	.1	.1	.2	.0	.1										19	21	7																	
62/61		.0	.1	.2	.0	.2	.2	.1										20	22	11	3																
60/59		.1	.1	.2	.1	.3	.2	.3										32	38	19	4																
58/57		.3	.3	.2	.2	.2	.2	.2	.1									43	48	16	11																
56/55	.0	.3	.2	.2	.3	.3	.2	.1										42	47	41	22																
54/53	.0	.2	.2	.4	.5	.2	.1	.2										46	51	32	20																
52/51	.2	.5	.1	.2	.6	.7	.7	.2										84	89	30	23																
50/49	.2	.5	.3	.4	.6	.7	.5	.0										86	95	47	36																
48/47	.4	.4	.4	1.1	1.1	1.2	.2	.1										127	133	61	44																
46/45	.2	.7	.6	1.0	.8	1.2		.0										116	118	74	34																
44/43	.2	.7	.7	1.5	2.2	.9	.2											164	171	77	33																
42/41	.2	1.3	1.1	2.0	2.1	.8												194	199	111	82																
40/39	.5	1.5	1.7	1.9	3.1	.4												236	239	170	63																
38/37	.7	1.3	1.0	2.9	1.7	.1												201	210	224	98																
36/35	.5	1.3	1.7	3.3	1.3	.1												212	217	220	106																
34/33	.7	1.4	1.4	2.5	1.1	.2												187	189	210	113																
32/31	.6	1.4	1.4	3.3	.6	.1												189	193	287	133																
30/29	.1	.4	1.2	2.2	.5													115	116	203	154																
28/27	.3	.2	1.2	1.6	.1													90	91	145	123																
26/25	.1	.1	1.0	1.3														81	82	143	158																
24/23	.1	.2	1.5	.5														57	58	124	131																
22/21	.1	.7	1.4	.4														67	67	93	161																
20/19		.7	.9	.1														42	42	88	144																
18/17		.2	.9															28	28	52	136																
16/15	.0	.2	.3															13	13	43	110																
14/13		.3	.2															14	14	18	106																
12/11	.0	.2	.0															6	6	19	117																
Element (X)	Σx²		Σx		x̄		sₓ		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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDRLWS AFB WASHINGTON D.C. 44-72 JAN 1964
STATION STATION NAME YEARS MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point														
10/ 9		.1																	3		4	7	88													
8/ 7		.0																	1		1	5	92													
6/ 5																							72													
4/ 3																							55													
2/ 1																							40													
0/ -1																							32													
-2/ -3																							25													
-4/ -5																							11													
-6/ -7																							11													
-8/ -9																							2													
-10/ -11																							1													
-14/ -15																							2													
-16/ -17																							2													
TOTAL	5.3	15.4	20.5	27.7	17.7	8.3	3.2	1.7	.1	.0	.0										2666	2578														

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	
Rel. Hum.	9561440	148500	37.6	19.772	2578							
Dry Bulb	4399381	104243	39.1	11.016	2666		24.9	1.5	.2			93
Wet Bulb	3171783	86757	33.7	9.892	2578		44.3					93
Dew Point	1954745	61897	24.0	13.485	2578	3.1	68.8					93

USAF ETAC FORM 0-26.5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C 44-72

JAN MONTH YEARS

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																
76/ 75							.1																										2	2		
74/ 73								.1																										3	3	
72/ 71							.1	.1																										11	11	
70/ 69							.0	.2	.1																									9	11	
68/ 67							.2	.2	.2																									18	19	
66/ 65				.1	.0		.2	.2	.2																									20	20	1
64/ 63		.2	.1	.1	.1	.1	.2	.2																										20	22	8
62/ 61		.2	.1	.2	.1	.2	.2																											22	23	12
60/ 59		.1	.2	.4	.3	.3	.2	.1	.0																									43	45	20
58/ 57		.3	.2	.1	.2	.3	.3	.1	.1																									37	43	24
56/ 55		.1	.1	.1	.3	.4	.4	.2																										41	46	36
54/ 53		.1	.1	.3	.3	.5	.3	.1	.0																									46	53	24
52/ 51	.1	.4	.2	.2	.5	.7	.5	.3																										74	78	35
50/ 49	.3	.6	.3	.7	.8	.5	.4	.1																										99	104	36
48/ 47	.3	.5	.4	.8	1.2	.7	.2																											110	112	59
46/ 45	.1	.6	1.0	1.2	1.7	1.0	.3																											151	157	72
44/ 43	.3	.8	.9	1.7	2.3	.8	.2																											180	187	101
42/ 41	.2	1.1	1.2	1.6	2.2	.8	.1																											188	190	128
40/ 39	.6	.9	1.5	2.5	2.4	.7																												223	232	165
38/ 37	.4	1.3	1.3	2.9	1.9	.2																												204	208	208
36/ 35	.7	1.5	2.1	3.2	1.4	.1																												234	244	217
34/ 33	.7	1.1	1.8	2.2	1.4	.0																												189	191	249
32/ 31	.4	1.1	1.0	2.4	.8																													148	150	264
30/ 29	.3	.4	1.3	2.4	.3																													122	124	218
28/ 27	.3	.5	1.2	1.5	.1																													94	95	139
26/ 25	.1	.4	1.3	1.2																														78	79	140
24/ 23	.0	.3	1.5	.7																														65	65	117
22/ 21	.0	.8	1.2	.4																														65	63	100
20/ 19		.5	.9	.0																														37	37	77
18/ 17	.1	.1	.5																															17	17	61
16/ 15	.0	.2	.4																															18	18	30
14/ 13	.2	.1	.0																															8	8	22
12/ 11	.1	.2																																7	7	18
10/ 9		.2																																5	5	2
Element (X)	ΣX^2	ΣX		\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.							$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total																							
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDRLWS AFB WASHINGTON D C
STATION STATION NAME

44-72
YEARS

JAN
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
8/ 7																				5	81
6/ 5																					73
4/ 3																					62
2/ 1																					39
0/ -1																					21
-2/ -3																					26
-4/ -5																					16
-6/ -7																					9
-8/ -9																					2
-10/-11																					2
-14/-15																					3
TOTAL	5.4	14.6	21.0	26.9	18.7	7.8	3.9	1.3	.3	.0	.0								2671		2588
																		2588			2588

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	9600898	149104	57.6	19.764	2588							
Dry Bulb	4449972	105026	39.3	10.952	2671		23.3	1.6	.2			93
Wet Bulb	3211122	87560	33.8	9.805	2588		42.9					21
Dew Point	1977462	62612	24.2	3.373	2588	2.8	68.2					93

USAFETAC FORM 0-26.5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13700 STATION ANDREWS AFB WASHINGTON D C

44-72

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															
70/ 69					.2	.0																									5	5			
68/ 67				.1	.2	.0																									8	8			
66/ 65			.0	.1	.1																										7	7			
64/ 63		.0	.2	.0	.1	.1																									11	11	2		
62/ 61		.1	.1	.2	.3																										10	19	9		
60/ 59	.0	.1	.3	.2	.3	.1																									26	28	15		
58/ 57	.0	.3	.2	.2	.3	.0																									25	26	18		
56/ 55		.3	.1	.2	.2		.0																								20	22	24		
54/ 53		.3	.2	.2	.1	.2	.1																								27	31	24		
52/ 51	.0	.2	.4	.2	.2	.3	.0																								38	41	26		
50/ 49	.3	.5	.2	.3	.5	.2	.2																								57	61	29		
48/ 47	.5	.5	.7	.3	.5	.2	.1																								74	81	45		
46/ 45	.2	.7	.6	1.1	.8	.4	.2																								102	113	40		
44/ 43	.3	1.4	1.2	1.5	.5	.3	.1																								135	142	65		
42/ 41	.5	1.1	1.1	1.8	.8	.2																									145	148	97		
40/ 39	.5	1.2	2.3	1.5	1.0	.3	.0																								164	193	143		
38/ 37	.2	1.1	1.6	2.9	.7	.0																									166	174	149		
36/ 35	1.1	1.7	2.7	2.7	.8	.1																									233	238	186		
34/ 33	.8	2.6	2.9	3.2	.3																										253	261	189		
32/ 31	1.0	2.3	3.4	2.9	.4																										261	267	275		
30/ 29	.4	1.4	2.8	2.6	.3																										192	194	241		
28/ 27	.3	1.1	2.2	1.7																											137	137	236		
26/ 25	.1	1.0	2.2	1.2																											117	120	179		
24/ 23		.6	1.4	.2																											59	59	149		
22/ 21	.0	1.0	2.0	.3																											86	86	108		
20/ 19	.1	.9	1.8	.0	.0																										75	75	104		
18/ 17	.0	.5	1.0																												42	42	74		
16/ 15	.1	.6	.4																												28	28	66		
14/ 13	.1	.4	.4																												24	24	36		
12/ 11	.1	.4	.1																												15	15	29		
10/ 9	.0	.3	.1																												12	12	17		
8/ 7		.2																													4	4	6		
6/ 5		.0																													1	1	8		
4/ 3																																			
Element (X)	Σ x ²		Σ x		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature						Total																		
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																		
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 STATION ANDREWS AFB WASHINGTON D C 44-72 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																		
2/ 1																																						42	
0/ -1																																						37	
-2/ -3																																						31	
-4/ -5																																						12	
-6/ -7																																						11	
-8/ -9																																						5	
-10/-11																																						2	
-12/-13																																						2	
-14/-15																																						2	
TOTAL	7,322	732	725	5	8,4	2,7	8																														2589	2589	2588

Element (X)	$\sum x^2$	$\sum x$	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Rel. Hum.	11525890	165902	64.1	18.557	2588							
Dry Bulb	3637134	94646	35.4	10.385	2675		37.0	.5				93
Wet Bulb	2791316	81060	31.3	9.895	2589		54.9					93
Dew Point	1879963	60599	23.4	13.349	2588	3.7	70.6					93

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C 44-72

YEARS

JAN
 MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
70/ 69				.0														1	1			
68/ 67			.0	.2	.0													6	6			
66/ 65				.1	.0													4	4			
64/ 63		.1	.0	.2	.0													9	9	5		
62/ 61		.0	.3	.2														14	14	5	4	
60/ 59	.1	.2	.3	.1	.4													27	27	15	5	
58/ 57	.0	.2	.1	.1	.2													16	16	16	12	
56/ 55	.0	.3	.2	.2														19	22	18	18	
54/ 53	.1	.2	.2	.4	.1		.1											24	27	17	18	
52/ 51		.5	.5	.2	.3	.1	.0											44	47	22	17	
50/ 49	.3	.5	.4	.1	.0	.1	.0											38	41	38	22	
48/ 47	.1	.7	.7	.2	.2	.1	.1											55	62	35	21	
46/ 45	.4	.6	.7	.7	.4	.1	.1											80	87	53	48	
44/ 43	.3	1.0	.9	.8	.5	.2	.0											98	103	57	40	
42/ 41	.3	1.2	.9	1.5	.6	.1												117	121	67	53	
40/ 39	1.0	1.5	2.0	1.5	.5	.2												174	189	112	76	
38/ 37	.6	1.3	1.7	1.4	.5	.0	.0											146	150	130	63	
36/ 35	1.1	1.7	2.9	2.4	.3	.0												217	224	162	79	
34/ 33	.9	2.5	2.6	2.0	.3	.0												215	222	182	126	
32/ 31	1.2	3.0	3.9	2.4	.3													282	290	239	124	
30/ 29	.6	2.2	3.4	1.5	.2													205	212	252	156	
28/ 27	.6	1.7	3.1	1.7	.0													185	185	227	126	
26/ 25	.2	1.5	2.9	.9	.0													145	148	200	159	
24/ 23	.2	1.0	2.2	.1														91	91	174	152	
22/ 21	.1	1.3	1.7	.1														82	82	130	153	
20/ 19	.2	1.4	2.0	.0														92	92	111	118	
18/ 17	.0	1.2	1.2															63	63	82	124	
16/ 15	.1	1.0	.6															43	43	88	140	
14/ 13	.2	.9	.4															38	38	61	133	
12/ 11	.2	.5	.3															24	24	37	117	
10/ 9		.4	.1															12	12	16	77	
8/ 7	.0	.5																15	15	19	94	
6/ 5	.0																	1	1	12	89	
4/ 3	.1																	2	2		65	
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb																						
Wet Bulb																						
Dew Point																						

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON, D. C. 44-72

STATION STATION NAME YEARS MONTH

PAGE 2 2100-2300
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
2/ 1		.0																	1	1	2	42													
0/ -1																					1	43													
-2/ -3																						24													
-4/ -5																						21													
-6/ -7																						13													
-8/ -9																						4													
-10/-11																						6													
-12/-13																						3													
TOTAL	8,929,336.4	19.1	5.0	.9	.4													2585	2671	2585	2585														

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	
Rel Hum.	12515904	173794	67.2	17.938	2585							
Dry Bulb	3293510	89478	33.5	10.529	2671		45.2	.2				93
Wet Bulb	2603642	77672	30.0	10.219	2585	.0	59.4					93
Dew Point	1828661	59211	22.9	13.521	2585	4.1	71.3					93

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 STATION ANDREWS AFB WASHINGTON D.C. STATION NAME 44-72 YEARS F.L.B. 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	DB. W.B.	Dry Bulb	Wet Bulb	Dew Point																						
64/ 63				.1																														7	2									
62/ 61		.0	.1	.0	.0																														6	7								
60/ 59		.0	.1	.4	.1	.1			.1																										21	23	2							
58/ 57	.0	.2	.2							.0																										10	10	8	3					
56/ 55	.1	.3	.1	.2	.0	.0	.0																													20	20	16	11					
54/ 53	.0	.5	.3	.1	.1	.1	.1																													30	30	22	14					
52/ 51	.1	.5	.2		.2	.1																															26	27	18	21				
50/ 49	.4	.3	.3	.2	.4	.2																															41	43	32	21				
48/ 47	.3	.6	.3	.7	.3	.3																															56	57	23	23				
46/ 45	.1	.6	.6	.5	.4	.2																															57	61	37	26				
44/ 43	.6	.6	.8	.5	.9	.1																																91	94	51	33			
42/ 41	.6	1.0	.8	1.2	.7	.0																																114	115	85	39			
40/ 39	.8	1.1	1.6	1.2	.8																																	132	135	95	58			
38/ 37	1.1	2.0	2.7	2.1	.5																																		201	203	103	68		
36/ 35	1.0	3.2	4.8	1.8	.5																																		224	229	169	98		
34/ 33	1.1	3.9	3.3	2.1																																			241	241	216	108		
32/ 31	.8	2.6	3.7	1.3	.0																																		202	203	245	140		
30/ 29	.7	3.1	3.4	.9	.0																																		196	205	231	181		
28/ 27	.5	2.2	2.7	.7	.1																																		149	152	219	130		
26/ 25	.7	2.3	3.0	.2																																			156	157	180	155		
24/ 23	.5	1.3	1.8	.3																																			93	102	144	191		
22/ 21	.2	1.4	1.8	.1																																			82	82	117	169		
20/ 19	.1	1.3	1.4	.0																																			68	68	100	122		
18/ 17		.9	1.6																																				60	60	58	128		
16/ 15	.0	.8	1.0																																				42	43	59	104		
14/ 13	.1	.6	.5																																				29	29	63	93		
12/ 11	.2	.7	.1																																				23	23	44	77		
10/ 9	.0	.5																																					12	12	20	67		
8/ 7	.0	.1																																					4	5	11	75		
6/ 5																																										1	56	
4/ 3																																												35
2/ 1																																												37
0/ -1																																											31	
-2/ -3																																											29	
Element (X)	ΣX ²		ΣX		Σ	Σ _n	No. Obs.		Mean No. of Hours with Temperature							Total																												
Rel. Hum									≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F																														
Dry Bulb																																												
Wet Bulb																																												
Dew Point																																												

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D.C. 44-72 FEB 1960
 STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	* 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
-4/-5																						26													
-5/-7																						17													
-8/-9																						2													
-10/-11																						1													
TOTAL	10.3	32.6	35.4	14.9	5.3	1.2	.2	.1									2389	2438	2389	2389															

Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	
Rel. Hum	12185115	165195	69.1	17.865	2389							84
Dry Bulb	2915112	80878	33.2	9.759	2438		39.3					84
Wet Bulb	2369063	71839	30.1	9.351	2389		52.5					84
Dew Point	1685792	56000	23.4	12.500	2389	3.7	65.6					84

USAFETAC FORM 0-26.5 (OLA) REISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C

44-72

FEB
 MONTH

PAGE 1 C300-0500
 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
62/ 61			.1														2	3		
60/ 59		.0	.1	.2	.0	.1		.1									14	16		
58/ 57	.0	.1	.2	.0													9	9	5	2
56/ 55	.2	.3	.3	.2													22	22	11	8
54/ 53	.1	.3	.2	.3	.1	.2											26	26	21	8
52/ 51	.1	.4	.1	.1	.2	.0											22	22	19	19
50/ 49	.4	.6	.0	.1	.2	.1											36	37	28	24
48/ 47	.3	.7	.7	.5	.3												59	61	30	22
46/ 45	.2	.7	.3	.4	.3												45	49	32	20
44/ 43	.3	.7	.5	.7	.6	.1											69	70	51	37
42/ 41	.7	1.0	.8	1.2	.5	.0											96	101	66	37
40/ 39	.9	1.0	1.1	1.4	.4												115	116	82	63
38/ 37	1.0	1.6	2.3	1.0	.3												157	151	97	73
36/ 35	1.3	3.8	2.4	2.0	.2												238	246	152	73
34/ 33	1.1	3.5	3.2	1.8	.1												232	232	228	117
32/ 31	1.0	2.8	2.6	1.1	.1												182	182	199	136
30/ 29	.7	4.3	3.1	1.2													224	228	226	159
28/ 27	.4	3.6	3.3	.5	.1												191	197	222	140
26/ 25	.5	2.4	2.8	.3	.0												141	147	212	140
24/ 23	.3	2.9	2.1	.1													129	131	147	160
22/ 21	.3	1.5	1.9	.1													90	93	148	174
20/ 19	.3	1.8	1.2														81	81	106	111
18/ 17		1.0	1.2														52	52	80	144
16/ 15	.1	.9	1.4														57	57	53	121
14/ 13		.9	.8														40	40	53	108
12/ 11	.1	1.0	.4														36	37	53	97
10/ 9	.1	.7	.1														21	21	42	59
8/ 7	.0	.3															7	7	20	72
6/ 5	.0	.2															5	5	7	63
4/ 3																			2	41
2/ 1																				29
0/ -1																				48
-2/ -3																				32
-4/ -5																				25
Elemen (X)	Σ X ²		Σ X		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature									
Rel. Hum.											≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

13705 STATION ANDREWS AFB WASHINGTON D C STATION NAME 44-72 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
-6/-7																					15
-8/-9																					8
-10/-11																					5
-14/-15																					1
TOTAL	10.4	39.1	33.0	13.2	3.6	.6	.1										2392	2439	2392	2391	
Element (X)	$\sum x^2$		$\sum x$		\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total								
Rel Hum.	12636675		168715		70.5	17.553	2392	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb	2713486		77694		31.9	9.892	2439		44.0					84							
Wet Bulb	2235247		69455		29.0	9.560	2392		55.1					84							
Dew Point	1613564		54224		22.7	12.673	2391	4.7	66.3					84							

USAFETAC FORM 104 JUL 64 C-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13755 AIRRWS AFB WASHINGTON D C 44-72

YEARS

FEB
 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	
64/ 63					.0														1	1			
62/ 61				.1															3	3			
60/ 59		.1	.1	.1	.1	.0													10	10	1	1	
58/ 57		.0	.0	.1	.0														6	7	5	2	
56/ 55	.1	.4	.2	.1	.1	.0													21	23	8	6	
54/ 53	.1	.5	.2	.2	.2	.1													27	27	16	9	
52/ 51	.1	.2	.0	.1	.0	.1													13	13	23	17	
50/ 49	.3	.6	.3	.0	.1	.0													33	33	20	10	
48/ 47	.0	.5	.6	.3	.3	.0													48	51	30	20	
46/ 45	.5	.9	.7	.5	.2														65	68	36	27	
44/ 43	.4	.6	.5	.6	.1														57	60	55	36	
42/ 41	.5	1.0	.8	1.0	.3	.0													87	87	55	38	
40/ 39	1.0	1.0	1.3	.9	.7	.1													119	122	95	74	
38/ 37	1.0	1.2	2.2	1.3	.3														144	144	90	62	
36/ 35	2.0	2.0	2.5	2.4	.4														236	247	136	81	
34/ 32	1.6	3.9	3.0	1.3															233	233	194	107	
32/ 31	1.5	3.3	2.8	1.0															206	206	243	141	
30/ 29	.7	2.8	3.8	1.0	.1														201	202	248	157	
28/ 27	.6	2.3	3.4	.5	.0														165	174	172	131	
26/ 25	.5	3.5	2.7	.3															168	175	189	116	
24/ 23	.3	2.3	2.2	.0															116	119	188	109	
22/ 21	.2	2.0	2.1																101	104	127	102	
20/ 19	.3	1.6	1.3	.0															82	82	108	145	
18/ 17	.3	1.1	1.2																63	63	102	144	
16/ 15	.2	1.1	.8																50	50	56	97	
14/ 13	.2	.8	.5																25	35	57	124	
12/ 11	.0	1.5	.4																46	46	37	109	
10/ 9	.0	1.0	.2																28	28	56	55	
8/ 7	.0	.5																	17	12	21	68	
6/ 5	.0	.2																	6	7	13	61	
4/ 3		.2																	5	5	4	46	
2/ 1																					5	48	
0/ -1																						52	
-2/ -3																						24	
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 STATION ANDREWS AFB WASHINGTON D C 44-72 YEARS P19 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
-4/-5																					19
-6/-7																					15
-8/-9																					7
-10/-11																					6
-12/-13																					6
-14/-15																					1
-16/-17																					1
-18/-19																					1
TOTAL	12.4	37.8	34.1	12.1	3.0	.5												2437	2387	2387	
																		2387		2387	
Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	12738432	169304	70.9	17.493	2387	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	84									
Dry Bulb	2638052	76396	31.3	9.991	2437		45.1					84									
Wet Bulb	2183902	68374	28.6	9.719	2387		57.1					84									
Dew Point	1590978	53436	22.4	12.862	2387	4.6	66.5					84									

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C

44-72

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
72/ 71							.0											1	1		
70/ 69							.0											1	1		
68/ 67						.0	.1	.0	.0									5	5		
66/ 65				.1	.2													7	7		
64/ 63	.0	.1		.0	.0	.1	.0											9	9	1	1
62/ 61			.1	.2	.0	.0	.1											10	11	3	2
60/ 59		.0	.1	.1	.2	.0		.0										13	13	7	
58/ 57		.3	.1	.1	.2	.2	.2											24	25	11	
56/ 55	.1	.3	.1	.2	.2	.3	.0	.0										29	30	18	15
54/ 53	.1	.6	.2	.2	.4	.3	.1	.0	.0									49	49	18	14
52/ 51	.1	.4	.3	.4	.2	.6	.1											49	50	32	21
50/ 49	.3	.5	.3	.5	.5	.3	.3	.0										61	63	33	31
48/ 47	.1	.4	.5	.5	1.1	.8	.0											84	84	39	23
46/ 45	.2	.8	.6	.9	1.1	.6												102	103	55	26
44/ 43	.3	.7	.7	1.9	1.1	.4	.2											127	130	70	38
42/ 41	.6	1.0	.8	1.8	1.5	.2	.0											141	141	97	59
40/ 39	1.3	1.5	1.7	2.5	2.4	.5												235	238	139	78
38/ 37	.8	1.4	1.6	2.9	1.0	.0												186	193	172	68
36/ 35	1.2	1.7	2.3	3.0	.8													215	222	196	100
34/ 33	.7	2.9	2.7	2.7	.6	.0												231	236	209	107
32/ 31	1.1	1.7	2.7	2.5	.5													205	208	290	133
30/ 29	.4	.8	2.2	2.0	.3													138	141	212	164
28/ 27	.1	1.0	1.5	1.5	.0													100	103	169	134
26/ 25	.1	1.1	1.7	1.3														98	98	162	147
24/ 23	.1	.9	1.9	.5														79	79	108	131
22/ 21	.2	.2	1.5	.1														49	49	101	165
20/ 19	.1	.3	1.4	.0														43	43	74	133
18/ 17	.1	.2	1.0															32	32	54	127
16/ 15	.1	.5	.7															37	32	46	112
14/ 13		.3	.4															18	18	33	110
12/ 11		.4	.1															12	12	23	67
10/ 9	.0	.1	.2															7	7	16	62
8/ 7		.0	.0															2	2	6	72
6/ 5		.1																2	2	3	53
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13765 ANDRLWS AFB WASHINGTON D C 44-72 FFR
 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		0																1	1	2	48															
2/ 1																				1		42														
0/ -1																						39														
-2/ -3																						27														
-4/ -5																						22														
-6/ -7																						9														
-8/ -9																						7														
-10/-11																						3														
-12/-13																						4														
-14/-15																						2														
TOTAL	8.2	20.3	27.3	25.9	12.3	4.5	1.2	.2	.0									2396	2436	2396	2396															
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																								
Rel. Hum.	10313759	149837	62.5	19.848	2396	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb	3449932	88384	36.3	10.043	2438		28.5	.2				84																								
Wet Bulb	2670217	76723	32.0	9.440	2396		45.4					84																								
Dew Point	1752924	56672	23.7	13.123	2396	4.0	63.6					84																								

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C

44-72

YEARS

F-11
 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
76/ 75								.0										2	2		
74/ 73								.0										5	5		
72/ 71							.1	.0										4	4		
70/ 69				.0	.0	.1	.2	.1	.2		.0							18	18		
68/ 67					.0	.2	.1	.1	.1									12	12		
66/ 65		.0		.1	.2	.1	.0	.2	.2		.0							21	22		
64/ 63				.1	.3	.1	.0	.1	.0									15	16	2	1
62/ 61			.0	.1	.2	.1	.2	.2	.0									21	25	6	
60/ 59		.3	.1	.2	.2	.3	.2	.2		.0								36	36	15	1
58/ 57	.1	.2	.1	.1	.2	.3	.2	.2	.1	.0								44	46	30	5
56/ 55		.4	.2	.2	.3	1.0	.5	.5	.0									75	75	25	13
54/ 53	.0	.3	.2	.3	.6	1.0	.7	.3										82	83	30	19
52/ 51	.1	.3	.2	.4	.5	.8	.9											77	79	40	36
50/ 49	.2	.2	.2	.5	1.2	1.4	.7	.0										105	107	45	31
48/ 47	.1	.4	.8	.7	1.8	1.2	.5	.1										131	133	48	25
46/ 45	.1	.5	.5	1.4	2.1	1.8	.4	.0										161	162	92	21
44/ 43	.6	.8	.8	1.3	2.3	1.4	.2											176	178	121	43
42/ 41	.9	1.4	.7	1.8	2.5	1.0	.1											199	202	157	66
40/ 39	.3	.9	1.2	2.2	2.5	.5	.0											183	190	168	83
38/ 37	.4	1.2	.8	2.8	2.0	.4												183	188	188	74
36/ 35	.5	1.2	1.8	2.8	1.8	.1												195	196	227	111
34/ 33	.9	1.3	1.3	1.6	1.0	.0												149	152	224	179
32/ 31	.8	1.2	.8	2.3	.7													137	141	261	131
30/ 29	.5	.6	.8	1.6	.5													97	97	175	154
28/ 27	.0	.5	.5	1.5	.0													61	61	114	143
26/ 25	.2	.7	.7	1.3	.0													70	70	115	159
24/ 23		.2	1.0	1.0														52	52	84	152
22/ 21	.1	.1	.2	.4														20	20	72	159
20/ 19	.0	.2	.7	.2														25	25	52	124
18/ 17	.0	.0	.7															18	18	27	136
16/ 15	.0	.0	.4															11	11	28	100
14/ 13		.1	.2															6	6	16	73
12/ 11		.0	.1															3	3	9	62
10/ 9		.1																2	2	4	72
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D.C. 44-72 FEB MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
8/ 7																				3	54	
6/ 5																					59	
4/ 3																					27	
2/ 1																					34	
0/ -1																					44	
-2/ -3																					16	
-4/ -5																					26	
-6/ -7																					12	
-8/ -9																					3	
-10/-11																					1	
-12/-13																					1	
TOTAL	6.1	13.1	14.7	24.7	20.9	11.8	5.5	2.3	.7	.1	.0								2437	2398	2398	
																		2398				

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	
Rel. Hum.	8531298	134030	55.9	20.830	2398							84
Dry Bulb	4348340	99598	40.9	10.680	2437		17.4	1.4	.2			84
Wet Bulb	3147688	83970	35.0	9.300	2398		33.6					84
Dew Point	1887412	59640	24.9	12.984	2398	3.6	60.9					84

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C

44-72

F-R

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1500-1700
 HOURS TL S. T. I

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B. W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥ 31	Dry Bulb	Wet Bulb
80/ 79																		1	1	
78/ 77																		1	1	
76/ 75																		3	3	
74/ 73																		5	5	
72/ 71																		4	4	
70/ 69																		23	24	
68/ 67																		15	16	
66/ 65																		22	26	1
64/ 63																		17	17	4
62/ 61																		27	27	4
60/ 59																		40	40	27
58/ 57																		50	51	29
56/ 55																		87	89	17
54/ 53																		73	73	37
52/ 51																		76	76	31
50/ 49																		110	123	47
48/ 47																		140	143	67
46/ 45																		171	173	97
44/ 43																		173	174	126
42/ 41																		203	209	149
40/ 39																		190	203	179
38/ 37																		182	184	217
36/ 35																		161	162	238
34/ 33																		138	141	217
32/ 31																		143	147	249
30/ 29																		87	88	177
28/ 27																		74	74	113
26/ 25																		61	61	114
24/ 23																		27	27	73
22/ 21																		28	28	75
20/ 19																		20	20	41
18/ 17																		10	10	29
16/ 15																		12	12	14
14/ 13																		15	15	73
Element (X)	Σx²	Σx	Σ	Σ	No. Obs	Mean No. of Hours with Temperature						Total								
Ref. 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) JUL 64 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C 44-72

FEB
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		
12/ 11			.0	.1														3		3	4	73	
10/ 9																					3	72	
8/ 7																						74	
6/ 5																						75	
4/ 3																						70	
2/ 1																						65	
0/ -1																						68	
-2/ -3																						78	
-4/ -5																						9	
-6/ -7																						10	
-8/ -9																						7	
-10/-11																						3	
-12/-13																						2	
-16/-17																						1	
TOTAL	6.1	12.9	12.6	24.1	71.2	12.1	0.7	2.9	.9	.3	.2	.1						2394	2435	2394	2394		

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature									
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Rel. Hum.	8370659	131883	55.121	1.492	2394										84
Dry Bulb	4510451	101525	41.710	0.677	2435		16.2	1.9	.3						84
Wet Bulb	3228974	85128	35.6	0.177	2394		31.8								84
Dew Point	1913431	60019	25.113	0.069	2394	3.4	60.9								84

USAFETAC FORM JUL 64 O 26-5 (OL A) REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAO

PSYCHROMETRIC SUMMARY

13705 STATION ANDREWS AFB WASHINGTON D C STATION NAME 44-72 YEARS FEB MONTH PAGE 1 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb	Dew Point	
72/ 71											.0							1	1			
68/ 67			.0	.1		.0	.0	.0	.0									8	8			
66/ 65				.1		.1	.0		.0									7	8	1		
64/ 63				.1	.0	.1	.0		.1									11	14	1		
62/ 61		.0	.1	.1	.1	.0	.1											11	12	2		
60/ 59	.0	.1	.2	.2	.1	.1		.0										13	18	6		
58/ 57	.2	.3	.3	.3	.0	.1	.2	.0										33	33	16		
56/ 55	.0	.5	.2	.3	.3	.4	.3	.1										47	40	21		
54/ 53		.5	.5	.3	.4	.3	.1											51	52	28		
52/ 51	.0	.3	.3	.1	.6	.2	.3											43	44	33		
50/ 49	.1	.5	.3	.5	.9	.5	.2											72	74	27		
48/ 47	.1	.6	.5	.9	.9	.8	.1											94	95	43		
46/ 45	.3	.7	.8	1.1	.7	1.0	.0											110	113	66		
44/ 43	.6	.7	1.0	1.5	1.4	.7	.1											142	145	89		
42/ 41	1.1	1.1	.8	2.3	1.8	.2	.0											175	178	121		
40/ 39	.4	1.3	1.8	3.0	1.5	.4												199	202	133		
38/ 37	.7	1.3	2.2	3.7	1.4	.4												236	234	152		
36/ 35	1.0	1.8	2.6	4.0	1.1	.1												256	259	234		
34/ 33	.8	1.4	2.1	2.9	.4	.1												177	180	232		
32/ 31	.9	1.8	2.4	1.6	.5													171	175	253		
30/ 29	.6	1.1	2.5	2.3	.3													164	167	247		
28/ 27	.3	.6	1.7	1.1														87	92	164		
26/ 25	.3	.9	1.6	1.3														100	100	128		
24/ 23	.1	.5	1.1	1.0														63	63	130		
22/ 21		.2	1.0	.4														39	39	72		
20/ 19	.1	.5	.8	.0														33	33	64		
18/ 17	.1	.2	.7															24	24	57		
16/ 15		.3	.3															14	14	28		
14/ 13		.2	.4															14	14	23		
12/ 11		.1																3	3	11		
10/ 9																				10		
8/ 7																				51		
6/ 5																				41		
4/ 3																				50		
Element (X)	ΣX ²	ΣX	Σ	Σx	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) REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDRLWS AFB WASHINGTON D C 44-72 FLE
 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
2/ 1																					29
0/ -1																					30
-2/ -3																					29
-4/ -5																					14
-6/ -7																					10
-8/ -9																					7
-12/-13																					2
-16/-17																					1
TOTAL	7.6	17.6	26.1	28.6	12.3	5.6	1.4	.4	.1	.2	.0							2391	2434	2391	2391
																		2391		2391	

Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	10114512	148000	61.9	19.974	2391	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Dry Bulb	3657203	91361	37.5	9.679	2434		25.0	.3				84
Wet Bulb	2804647	79001	33.0	9.018	2391		41.7					24
Dew Point	1629955	58639	24.5	12.804	2391	3.5	62.9					84

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C 44-72

P: 11
MONTH

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	DB W.B.	Dry Bulb	Wet Bulb	Dew Point												
68/67						.0																									1	1			
66/65					.1	.0																									4	4			
64/63					.0	.1																								3	3				
62/61		.0			.1	.0			.1	.0																				10	13				
60/59	.1	.3	.2		.1	.2	.0	.1	.0																					23	23	7	4		
58/57		.1	.2	.2	.1	.1																								13	18	10	4		
56/55	.0	.5	.3	.2	.1	.1	.2	.0																						32	32	14	7		
54/53	.1	.7	.3	.2	.1	.2	.1	.0																						32	39	23	18		
52/51	.1	.3	.1	.2	.2	.2	.0																							27	28	31	23		
50/49	.2	.2	.2	.4	.5	.3	.1																							46	46	27	24		
48/47	.1	.4	.4	.5	.4	.4	.0																							55	57	29	19		
46/45	.3	.4	.6	.9	.8	.3																								84	90	39	24		
44/43	.8	.9	1.0	1.0	.8	.3																								115	116	65	35		
42/41	1.3	1.0	1.1	1.4	1.2	.1																								146	149	95	61		
40/39	.5	1.2	2.1	2.0	1.4	.1																								174	178	128	55		
38/37	1.0	2.1	2.4	2.4	1.1	.0																								217	222	137	76		
36/35	.7	2.2	2.7	2.7	.4	.0																								210	211	192	99		
34/33	1.1	2.5	4.0	2.8	.3																									257	259	224	122		
32/31	1.0	2.5	2.8	1.8	.2																									194	197	254	134		
30/29	.6	2.3	3.3	1.3	.1																									175	180	249	159		
28/27	.4	1.6	2.2	1.0	.1																									125	132	203	148		
26/25	.3	1.7	2.4	.8	.0																									126	132	164	168		
24/23	.2	1.0	1.8	.2																										75	76	123	177		
22/21	.1	.8	1.7	.3																										71	71	107	166		
20/19	.2	.7	1.4	.1																										58	58	80	138		
18/17	.3	.9																												25	29	62	130		
16/15	.0	1.0	.6																											39	39	43	92		
14/13	.0	.4	.3																											17	17	50	89		
12/11	.0	.3	.1																											11	11	19	105		
10/9	.0	.1																												4	4	14	47		
8/7		.0																												1	1	4	52		
6/5																																		49	
4/3																																		43	
2/1																																		27	

Element (X)	Zx'	Zx	X	σx	No. Obs.	Mean No. of Hours with Temperature						
Ref Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0 265 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D.C.

44-72

FEB
 MONTH

PAGE 2 2100-2300
HOURS (L.S.T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
0 / -1																						29													
-2 / -3																						27													
-4 / -5																						16													
-6 / -7																						13													
-8 / -9																						4													
-10 / -11																						1													
TOTAL	9.2	25.5	33.3	20.7	8.1	2.3	.6	.3	.0									2393	2437		2393														

Element (X)	$\Sigma x'$	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total
Rel Hum	11396402	158892	66.4	18.808	2393							
Dry Bulb	3219091	89397	35.0	9.645	2393		32.6	.0				84
Wet Bulb	2557234	72116	31.4	9.129	2393		48.2					84
Dew Point	1759026	57664	24.1	2.429	2393	2.4	64.0					84

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR CENTER SERVICE/HAC

PSYCHROMETRIC SUMMARY

13795 ANDREWS AFB WASHINGTON D C 44-72
STATION STATION NAME YEARS

MAR
MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
74/ 73						.0	.0											2	2																
72/ 71				.1	.0													3	3																
70/ 69					.1	.0												3	3																
68/ 67				.1	.0	.1												4	6																
66/ 65		.0	.2	.2	.2	.1												20	20		2														
64/ 63		.0	.5	.1	.1	.2												27	27		6														
62/ 61	.1	.3	.2	.3	.4	.1	.0											36	36	14	6														
60/ 59	.1	.8	.3	.2	.1	.3	.2	.0										53	55	39	12														
58/ 57	.1	.4	.4	.1	.1	.4	.3	.1										54	54	38	41														
56/ 55	.1	.4	.5	.4	.6	.2	.1											60	60	48	40														
54/ 53	.0	.7	.4	.4	.4	.4	.0											67	67	29	21														
52/ 51	.1	.6	.1	.3	.4	.3	.1											51	51	49	33														
50/ 49	.1	.5	.3	.6	.6	.3	.1											72	72	62	47														
48/ 47	.4	.9	.9	1.1	.6	.3	.1											114	114	69	55														
46/ 45	.4	.8	.9	1.8	1.2	.3												146	146	93	39														
44/ 43	.9	1.6	1.1	2.2	1.2	.2	.0											197	197	103	74														
42/ 41	.9	1.7	1.9	2.2	.5	.1												196	196	167	107														
40/ 39	1.2	1.7	2.7	2.4	.7	.1												234	236	187	110														
38/ 37	1.1	2.3	2.0	3.1	.9													254	255	251	108														
36/ 35	1.2	2.9	2.9	2.2	.3													252	252	248	176														
34/ 33	.8	2.4	2.6	2.2	.1													219	219	254	167														
32/ 31	.7	1.2	3.1	1.9	.1													191	191	233	203														
30/ 29	.1	1.0	3.7	1.5	.1													172	173	189	191														
28/ 27		1.0	2.3	.7														107	107	175	160														
26/ 25	.2	.7	1.2	.2														62	62	197	154														
24/ 23	.1	.4	.7	.0														32	32	93	163														
22/ 21	.1	.3	.7															31	31	52	152														
20/ 19	.1	.2	.2															14	14	32	139														
18/ 17	.1	.0																4	4	28	124														
16/ 15			.1															3	3	3	103														
14/ 13																				2	105														
12/ 11																				1	53														
10/ 9																					37														
8/ 7																					26														
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C 44-72 MAR MONTH
 STATION STATION NAME YEARS

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
6/ 5																					10
4/ 3																					12
2/ 1																					6
0/ -1																					2
-2/ -3																					2
-4/ -5																					1
-6/ -7																					1
-8/ -9																					1
TOTAL	9.1	22.9	30.1	24.4	8.9	3.5	1.1	.1										2684	2688	2684	2684

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	
Rel Hum	13472777	184185	68.6	17.624	2684							
Dry Bulb	4526074	107142	39.9	9.751	2684		21.3	.5	.1			93
Wet Bulb	3710039	96641	36.0	9.266	2684		35.5					93
Dew Point	2745005	79719	29.7	11.867	2684	.2	57.1					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C 44-72 MAP MONTH
STATION STATION NAME YEARS
PAGE 1 0300-0500 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
72/ 71				.0	.1													3	3			
70/ 69						.0												1	1			
68/ 67				.0	.1													5	5			
66/ 65		.1	.1	.3		.0												12	12	2		
64/ 63			.3	.1	.1	.0												15	16	4		
62/ 61		.1	.3	.3	.2													25	25	5	5	
60/ 59	.0	.6	.6	.3	.2	.1												46	46	30	4	
58/ 57	.2	.9	.2	.2	.4	.0	.0											50	50	41	35	
56/ 55	.2	.2	.4	.2	.1	.1	.1											36	36	47	45	
54/ 53		.6	.5	.9	.3	.3												70	70	20	31	
52/ 51	.1	.7	.7	.5	.5	.3												77	77	46	23	
50/ 49	.1	.7	.4	.3	.3	.1	.0											55	55	61	40	
48/ 47	.5	.8	.3	.6	.4		.0											73	73	75	45	
46/ 45	.3	1.1	.9	1.7	.6	.1	.1											128	128	75	61	
44/ 43	.6	1.1	1.0	1.9	.4	.2												141	141	93	77	
42/ 41	1.3	1.8	1.1	1.3	.7	.1												167	167	130	90	
40/ 39	.9	2.8	2.9	2.0	.4	.0												242	243	161	105	
38/ 37	1.0	3.0	2.7	2.1	.4													248	250	200	100	
36/ 35	1.1	3.2	2.8	2.4	.1													259	259	280	141	
34/ 33	.9	3.1	3.3	2.3														261	261	242	191	
32/ 31	.9	1.8	3.0	1.6	.1													196	196	246	204	
30/ 29	.1	2.0	2.9	1.3														168	168	222	197	
28/ 27	.1	2.2	3.0	.3														151	151	185	140	
26/ 25	.1	1.3	2.2	.4														106	106	200	154	
24/ 23	.2	1.0	1.3	.0														68	68	116	165	
22/ 21	.1	.5	.4															26	26	98	160	
20/ 19	.0	.6	.3															26	26	47	145	
18/ 17	.1	.4	.1															19	19	28	101	
16/ 15		.1	.1															5	5	24	125	
14/ 13		.1																2	2	1	102	
12/ 11																				3	69	
10/ 9																					49	
8/ 7																					31	
6/ 5																					22	
Element (X)	Σx²	Σx	Σ	σ _x	No. Obs.	Mean No. of Hours with Temperature																
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb																						
Wet Bulb																						
Dew Point																						

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C 44-72 PAR
STATION MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
4/ 3																					14
2/ 1																					3
0/ -1																					4
-2/ -3																					3
-8/ -9																					1
TOTAL	8.8	30.8	31.9	21.1	5.6	1.5	.3	.0											2685		2682
																		2682		2682	

Element (X)	$\sum x^2$	$\sum x$	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	14367892	191116	71.3	16.717	2682							93
Dry Bulb	4157479	102381	38.1	9.721	2685		26.6	.3				93
Wet Bulb	3489373	93385	34.8	9.418	2682		40.6					93
Dew Point	2652769	78031	29.1	11.945	2682	.3	58.6					93

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C 44-72
 STATION STATION NAME YEARS MONTH
 PAGE 1 0600-2800
 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																	
74/73						.0																												1	1			
72/71						.0																												1	1			
70/69						.1																												4	4			
68/67				.1	.1	.1																														8		
66/65		.1		.1	.2	.0																														11	2	
64/63		.0		.3	.1	.1																														13	5	2
62/61	.0	.3	.2	.3	.2	.1																														30	15	6
60/59		.7	.4	.2	.2																															40	22	11
58/57	.2	.5	.2	.2	.4	.0																														46	35	28
56/55	.1	.7	.3	.2	.1	.1																														45	41	30
54/53	.1	.4	.3	.2	.4	.2																														62	40	41
52/51	.1	.4	.6	.4	.3	.1	.0																													52	36	27
50/49	.3	.8	.6	.6	.6	.2	.0																													86	58	28
48/47	.4	.8	1.0	.6	.6	.1																														94	54	58
46/45	.5	1.0	.7	1.2	.7	.0	.1																													119	33	77
44/43	.6	1.3	1.6	1.3	.8	.2																														154	54	62
42/41	1.2	1.7	1.4	1.9	.7	.1																														188	138	89
40/39	1.2	2.4	2.5	2.7	.8	.1																														261	183	98
38/37	1.0	2.5	2.8	2.1	.3																															232	192	125
36/35	.9	2.5	2.6	2.6	.2																															237	258	129
34/33	.9	2.7	3.7	1.9	.1																															248	249	183
32/31	.8	1.7	3.0	1.9	.1																															204	238	215
30/29	.1	2.0	3.1	1.5	.1																															179	225	170
28/27	.0	1.4	2.2	.9																																119	192	129
26/25	.0	1.4	1.7	.3																																92	174	165
24/23	.1	.8	1.5	.0																																65	126	156
22/21	.0	.6	.4	.0																																30	85	160
20/19		.5	.3																																	23	44	119
18/17	.1	.6	.1																																	21	36	130
16/15	.1	.3	.1																																	14	20	123
14/13		.0																																		1	10	97
12/11		.0																																		1	1	61
10/9																																				1	1	53
8/7																																						40
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																																
Rel Hum.						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total																										
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

USAFETAC FORM 0265 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C 44-72

YEARS

MAR
MONTH

PAGE 2 0600-0800
HOURS (L S T)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21	22	23-24	25-26	27-28	29-30	≥ 31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point		
6 / 5																							22		
4 / 3																							21		
2 / 1																							9		
0 / -1																							6		
-2 / -3																							1		
TOTAL	8,928	432	021	7	7	3	1	5														2681	2677		
																						2677	2677		

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel Hum.	14145825	189199	70.7	17.007	2677	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	4195933	102773	38.3	9.778	2681		26.0	.5	.0			93
Wet Bulb	3508379	93499	34.9	9.523	2677		40.0					93
Dew Point	2660181	77807	29.1	12.207	2677	.2	58.3					93

USAF ETAC FORM 0-26-5 (OL A) JUL 64 REVISIONS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13795 ANDREWS AFB WASHINGTON D C

44-72

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	x 31	Dry Bulb	Wet Bulb	Dew Point															
84/ 83								.0	.0																							2	2		
82/ 81									.0	.0																						2	2		
80/ 79							.0	.0																								3	3		
78/ 77								.1	.0	.0																						5	5		
76/ 75								.1	.1	.0																						7	7		
74/ 73					.1	.1	.1	.0	.1	.1	.0																					14	14		
72/ 71				.0	.1	.1	.1	.0	.1	.0																						17	17		
70/ 69			.0	.1	.1	.2	.1	.2	.1	.1																						26	26	2	
68/ 67				.1	.1	.3	.1	.1	.1	.1																						24	24	3	
66/ 65			.0	.2	.3	.4	.2	.2	.1	.1																						41	41	12	1
64/ 63	.0	.1	.2	.3	.3	.2	.2	.2	.2	.0																						49	49	12	7
62/ 61	.0	.3	.1	.3	.2	.3	.4	.3	.1	.0																						60	60	28	8
60/ 59	.1	.4	.5	.1	.3	.4	.7	.2	.1	.0																						81	81	41	17
58/ 57		.3	.3	.4	.4	.3	.6	.1	.1	.0																						65	65	54	30
56/ 55		.5	.7	.3	.7	.4	.7	.3	.0	.0																						85	85	61	33
54/ 53	.1	.4	.3	.3	.6	.9	.7	.1	.1	.0																						94	94	50	49
52/ 51	.1	.3	.3	.8	.8	1.2	.6	.2	.1	.0																						116	116	63	46
50/ 49	.1	.5	.8	.8	1.5	1.5	.6	.1	.1	.0																						158	158	79	44
48/ 47	.0	.7	.4	1.3	1.7	1.3	.4			.0																						160	160	106	50
46/ 45	.5	.9	.6	1.6	2.2	1.0	.1			.0																						186	186	124	63
44/ 43	.6	1.4	1.0	1.6	2.3	1.0	.1			.0																						214	214	157	74
42/ 41	.6	1.5	1.0	2.0	2.3	.7				.0																						217	217	207	104
40/ 39	.6	1.7	1.3	2.4	2.2	.3				.0																						231	231	246	127
38/ 37	.3	1.5	1.4	3.1	1.4	.1				.0																						209	209	238	117
36/ 35	.5	1.9	1.5	2.0	1.2					.0																						190	190	282	133
34/ 33	.3	1.2	1.3	1.6	.7					.0																						134	134	202	170
32/ 31	.3	.3	1.5	1.7	.2					.0																						108	108	237	192
30/ 29	.1	.4	.8	1.2	.1					.0																						70	70	147	176
28/ 27		.4	.7	.4						.0																						41	41	116	140
26/ 25	.1	.2	.6	.2						.0																						29	29	98	175
24/ 23	.1	.3	.4	.1						.0																						24	24	51	174
22/ 21		.3	.4							.0																						17	17	33	171
20/ 19		.2	.1							.0																						8	8	24	131
18/ 17										.0																						2	2	11	94
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																													
Rel Hum.						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 STATION ANDREWS AFB WASHINGTON D C 44-72 YEARS MAR MONTH
PAGE 2 0900-1100 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL				
	0	1	2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
16/ 15			.0																1	1	3	99
14/ 13																					1	101
12/ 11																						63
10/ 9																						32
8/ 7																						21
6/ 5																						22
4/ 3																						13
2/ 1																						4
0/ -1																						2
-2/ -3																						4
TOTAL	4.7	15.8	15.8	22.9	19.8	10.8	6.0	2.5	1.0	.5	.1									2688	2688	2687

Element (X)	Z _x	Z _x	X	σ _x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel Hum	10624096	160248	59.7	19.851	2688							
Dry Bulb	5654582	119780	44.6	10.863	2688		10.3	3.5	1.1	.2		93
Wet Bulb	4271108	104092	38.7	9.454	2688		24.9	.2				93
Dew Point	2847794	81992	30.2	12.211	2687	.2	55.9					93

USAF ETAC FORM 0 26-5 (OL A) JUL 64 REVISED PRINT AND DIVISIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDRIWS AFB WASHINGTON D C
STATION STATION NAME

44-72
YEARS

MAR
MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87																		3	3		
86/ 85																		4	4		
84/ 83																		6	6		
82/ 81																		10	10		
80/ 79																		19	19		
78/ 77																		23	23		
76/ 75																		27	27		
74/ 73																		27	27		
72/ 71																		44	44		
70/ 69																		62	62	6	
68/ 67																		70	70	8	
66/ 65																		60	60	17	1
64/ 63																		77	77	28	3
62/ 61																		75	75	47	15
60/ 59																		85	85	69	22
58/ 57																		105	105	71	23
56/ 55																		111	111	63	42
54/ 53																		133	133	77	42
52/ 51																		153	153	87	63
50/ 49																		174	174	113	49
48/ 47																		182	182	137	63
46/ 45																		197	197	152	81
44/ 43																		193	193	202	86
42/ 41																		173	173	239	89
40/ 39																		191	191	236	104
38/ 37																		144	144	261	134
36/ 35																		128	128	227	133
34/ 33																		70	70	195	169
32/ 31																		57	57	196	161
30/ 29																		32	32	99	170
28/ 27																		27	27	56	139
26/ 25																		13	13	48	164
24/ 23																		10	10	28	178
22/ 21																				16	157
Element (X)	Σx^2		Σx		\bar{x}	s_x	No. Obs.		Mean No. of Hours with Temperature												
Rel Hum.									≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13775 ANDREWS AFB WASHINGTON D C

44-72

MAP
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
20/ 19																					6	133
18/ 17																					1	120
16/ 15																						105
14/ 13																						77
12/ 11																						39
10/ 9																						25
8/ 7																						13
6/ 5																						23
4/ 3																						8
2/ 1																						3
0/ -1																						5
-2/ -3																						2
-4/ -5																						1
-8/ -9																						2
TOTAL	3.8	11.4	8.8	13.5	19.2	15.6	11.4	7.7	4.2	2.9	.7	.0	.1							2685	2685	2684
Element (X)	Zx'	Zx	R	%	No. Obs.	Mean No. of Hours with Temperature					Total											
Rel Hum	8543467	140271	52.3	21.260	2684	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total										
Dry Bulb	6958115	132789	49.5	12.068	2685		4.8	10.2	4.1	1.1		93										
Wet Bulb	4866743	111449	41.5	9.470	2685		15.6	.5				93										
Dew Point	2951744	82708	30.8	12.257	2684	.3	54.2					94										

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C 44-72 MAR MONTH
STATION STATION NAME YEARS

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					
88/ 87											.0	.0									2	2			
86/ 85											.0	.0									2	2			
84/ 83										.1	.1	.0	.1	.0	.1	.0					11	11			
82/ 81										.1	.1	.1	.1	.2	.0						14	14			
80/ 79								.1	.1	.1	.4	.1	.1								27	27			
78/ 77								.3	.1	.1	.2	.1	.1								26	26			
76/ 75								.2	.3	.2	.2	.1	.2	.1							32	32			
74/ 73				.0				.1	.1	.2	.1	.2	.1								26	26			
72/ 71					.0	.0	.0	.2	.4	.3	.3	.4	.1								46	46			
70/ 69				.0	.2	.3	.4	.3	.5	.2	.3	.0									61	61	3		
68/ 67		.1	.1	.0	.1	.2	.4	.4	.5	.4	.1										62	62	7		
66/ 65		.0	.2	.4	.4	.1	.3	.2	.6	.3	.0										70	70	18	1	
64/ 63		.2	.1	.1	.1	.7	.4	.4	.6	.7	.4										98	98	32	4	
62/ 61	.0	.2	.1	.3	.2	.3	.5	.5	.4	.4	.1										80	80	48	17	
60/ 59	.0	.1	.1	.3	.6	.6	.7	1.0	.7	.1	.0										113	114	66	16	
58/ 57	.1	.1	.1	.3	.5	.6	1.0	1.1	.7												121	121	77	30	
56/ 55	.0	.0	.1	.4	.4	1.0	1.9	.7	.2												129	129	66	30	
54/ 53	.1	.2	.1	.4	.7	1.1	1.5	1.0	.1												136	136	87	35	
52/ 51		.2	.3	.3	.8	1.6	1.6	.6													144	144	100	63	
50/ 49		.7	.4	.3	.9	1.4	1.5	.4													148	148	118	46	
48/ 47	.1	.6	.5	.7	1.7	2.0	1.1	.1													183	183	128	68	
46/ 45	.3	.9	.6	1.4	1.6	2.4	.4	.0													207	207	181	76	
44/ 43	.4	1.0	.7	1.3	1.4	1.3	.4														179	179	222	97	
42/ 41	.4	1.6	.8	1.4	2.0	1.4	.2														212	212	236	84	
40/ 39	.4	.9	.4	1.2	2.0	.7															151	151	271	138	
38/ 37	.2	.4	.6	1.5	1.4	.4															120	120	235	121	
36/ 35	.7	.9	.6	1.2	.4	.0															107	107	209	134	
34/ 33	.4	1.2	.5	.3	.4																76	76	197	157	
32/ 31	.3	.3	.3	.3	.3																39	39	179	180	
30/ 29	.1	.9	.4	.1																	30	30	97	190	
28/ 27		.1	.2	.0																	10	10	33	150	
26/ 25	.0	.2	.2																		11	11	34	150	
24/ 23	.1	.1	.1																		8	8	33	190	
22/ 21		.0																			1	1	4	141	
Element (X)	Σ X ²		Σ X		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature						Total								
Rel Hum											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																									
Wet Bulb																									
Dew Point																									

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

2
 DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 STATION ANDREWS AFB WASHINGTON D C 44-72 YEARS MAR 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																	
20/ 19																																				2	152	
18/ 17																																			1	108		
16/ 15																																					100	
14/ 13																																					79	
12/ 11																																					43	
10/ 9																																					32	
8/ 7																																					13	
6/ 5																																					11	
4/ 3																																					8	
2/ 1																																					5	
0/ -1																																					4	
-2/ -3																																					4	
-6/ -7																																					1	
TOTAL	3.9	10.1	7.7	12.5	17.0	15.8	13.0	8.1	5.6	3.2	1.7	.9	.4	.0																						2684	2685	2684
Element (X)	ΣX^2	ΣX		\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total																										
Rel Hum	8201584	136316		50.8	21.828	2684	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total																									
Dry Bulb	7264154	135824		50.6	12.105	2685		3.4	10.8	4.9	1.4		93																									
Wet Bulb	4987097	113003		42.1	9.247	2684		13.3	.3				93																									
Dew Point	2953801	82891		30.9	12.116	2684	.3	54.3					93																									

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C 44-77
STATION STATION NAME YEARS

YEAR
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																	
82/ 81									.0										.0													1					
80/ 79									.0										.1													3					
78/ 77									.0			.1						.1	.1		.3											8					
76/ 75									.1		.1	.2						.0	.0													14		14			
74/ 73									.1	.2	.0							.1	.1													13		13			
72/ 71					.0	.0			.2	.1	.1							.1	.1		.1											20		20			
70/ 69					.1	.0			.3	.1	.2						.0	.0		.1												22		22			
68/ 67		.0	.0		.0	.0			.1	.3	.1						.1	.1		.1												26		26	3	1	
66/ 65		.1	.1		.1	.4			.3	.1	.3						.3	.0		.0												47		47	5		
64/ 63		.1	.2		.2	.1	.4		.4	.4	.2						.2	.0		.0												54		54	20	2	
62/ 61		.4	.3		.3	.3	.3		.3	.2	.4						.1	.1		.1												60		60	30	6	
60/ 59	.0	.3	.5		.3	.4	.3		.4	.0	.0						.2	.0		.0												86		86	37	25	
58/ 57	.0	.4	.2		.6	.5	.4		.7	.5	.1						.1	.1		.1												96		96	42	14	
56/ 55	.1	.2	.5		.6	.5	.4		1.0	.3	.1						.1			.1												99		99	73	44	
54/ 53	.0	.3	.3		.4	.0	.9		.8	.3	.1									.3												101		101	56	35	
52/ 51	.1	.1	.7		.7	.8	1.5		.5	.0	.0									.0												122		122	82	44	
50/ 49	.2	.6	.4		.9	1.8	1.3		.9	.1	.1									.1												166		166	89	41	
48/ 47	.1	.4	.5		1.1	1.9	1.2		.4	.1	.1									.1												153		153	102	70	
46/ 45	.4	1.1	1.0		2.2	1.7	1.6		.3	.0	.0									.0												220		220	142	74	
44/ 43	.4	1.3	1.0		1.8	2.5	.9		.2	.0	.0									.0												213		213	169	88	
42/ 41	.8	1.8	.9		2.6	2.0	.9		.1	.0	.0									.1												244		244	251	103	
40/ 39	.7	1.2	1.6		2.0	2.0	.7		.1	.0	.0									.1												220		220	255	124	
38/ 37	.3	1.0	.9		2.5	1.9	.1		.1	.0	.0									.1												180		180	243	117	
36/ 35	.6	1.2	1.7		1.9	1.0	.1		.1	.0	.0									.1												173		173	255	140	
34/ 33	.5	.9	1.1		2.2	.5	.1		.1	.0	.0									.1												139		139	219	175	
32/ 31	.5	.6	.7		1.2	.4	.1		.1	.0	.0									.1												89		89	209	207	
30/ 29	.2	.3	.7		.4	.1	.1		.1	.0	.0									.1												48		48	169	175	
28/ 27	.0	.2	.3		.4	.1	.1		.1	.0	.0									.1												26		26	101	165	
26/ 25	.1	.2	.2		.3	.1	.1		.1	.0	.0									.1												19		20	62	180	
24/ 23	.2	.1	.1		.1	.1	.1		.1	.0	.0									.1												10		10	32	151	
22/ 21	.1	.0	.0		.0	.0	.0		.0	.0	.0									.0												5		6	26	141	
20/ 19	.0	.0	.1		.0	.0	.0		.0	.0	.0									.0												4		4	5	143	
18/ 17																																	2		2	114	
16/ 15																																	2		2	86	

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D.C.

44-72

YEARS

MAN
MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13	14	15-16	17-18	19-20	21	22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point		
78/ 77									.0											1	1				
76/ 75								.1												4	4				
74/ 73							.0	.1												3	3				
72/ 71							.1	.1												4	4				
70/ 69					.1	.1	.0	.0												7	9				
68/ 67			.1	.1	.1	.1	.1	.1												21	21				
66/ 65		.1	.1	.1	.1	.1	.1	.1												25	20				
64/ 63		.1	.3	.1	.3	.2	.1	.0	.1											34	34	12	2		
62/ 61		.3	.2	.2	.1	.1	.2	.2	.0											34	34	23	2		
60/ 59	.1	.4	.3	.4	.3	.2	.3	.1												55	55	25	16		
58/ 57	.0	.4	.6	.7	.4	.4	.2	.1												76	76	38	33		
56/ 55	.2	.6	.3	.3	.4	.6	.3	.1	.0											75	76	48	32		
54/ 53	.1	.3	.5	.3	.2	.7	.3	.1												65	65	54	34		
52/ 51	.2	.5	.3	.4	.8	.6	.4	.1												90	96	58	43		
50/ 49	.1	.6	1.2	.6	.7	.6	.2													107	107	66	31		
48/ 47	.2	.7	.9	1.4	1.4	1.0	.0													152	152	84	71		
46/ 45	.3	1.3	1.1	1.8	1.7	.4														175	175	109	54		
44/ 43	.4	1.5	1.4	2.4	1.3	.2	.1													197	197	133	82		
42/ 41	.9	1.8	1.9	2.4	1.7	.2														235	236	183	109		
40/ 39	.9	2.1	1.8	3.2	1.7	.2														267	268	269	104		
38/ 37	.9	2.1	2.1	3.1	1.1	.1														252	252	242	137		
36/ 35	.7	1.8	2.0	2.8	.9															212	212	255	145		
34/ 33	.4	1.4	2.4	2.5	.4															190	190	239	187		
32/ 31	.6	.7	2.5	1.9	.3															158	158	233	200		
30/ 29	.1	.5	1.9	1.1	.0															97	97	182	183		
28/ 27	.0	.7	1.0	.4																56	56	181	150		
26/ 25	.3	.4	.5	.4																47	42	131	165		
24/ 23	.0	.4	.4	.2																28	28	45	176		
22/ 21	.1	.0	.1																	6	6	34	164		
20/ 19	.2	.0	.0																	7	7	23	155		
18/ 17	.0	.0	.1																	5	5	7	99		
16/ 15	.0	.1																		3	3	2	102		
14/ 13																						5	77		
12/ 11																							43		
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No Obs	Mean No. of Hours with Temperature																			
Rel Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total													
Dry Bulb																									
Wet Bulb																									
Dew Point																									

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDRLWS AFB WASHINGTON D C 44-72 MAR
STATION STATION NAME YEARS MONTH

PAGE 2 2100-2300
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B. W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21	22	23-24	25-26	27-28		29-30	>31	Dry Bulb	Wet Bulb	Dew Point
10/ 9																						31
8/ 7																						20
6/ 5																						14
4/ 3																						9
2/ 1																						5
0/ -1																						1
-4/ -5																						2
-6/ -7																						1
TOTAL	6.8	18.9	23.9	25.9	13.7	6.2	2.6	.9	.2												2681	
																						2683
																						2681
																						2681

Element (X)	Σx^2	Σx	\bar{x}	s_x	No Obs.	Mean No. of Hours with Tempera					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	12297979	174635	65.1	18.554	2681							93
Dry Bulb	4994355	112749	42.0	9.775	2683		13.9	1.5	.3			93
Wet Bulb	3964671	100247	37.4	8.983	2681		29.2					93
Dew Point	2420670	81194	30.3	11.618	2681	.1	55.5					93

USAF ETAC FORM 0-26-5 (OL A) JUL 54 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDRIWS AFB WASHINGTON D C

44-72

AIR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B. W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥31	Dry Bulb	Wet Bulb	Dew Point
78/ 77									.0	.1								4	4		
76/ 75									.0	.0								2	2		
74/ 73						.1	.0	.0	.0	.0	.0							8	8		
72/ 71					.2	.1	.2		.2	.0								18	18		
70/ 69			.2	.3	.2	.2	.3	.2	.0									33	33		
68/ 67		.3	.3	.4	.3	.5	.3	.1	.0									55	55		
66/ 65		.4	.3	.7	.5	.2	.3	.0	.1	.1								66	66	22	3
64/ 63	.1	.6	.6	.3	.4	.2	.2	.0	.0									66	66	30	24
62/ 61	.4	.8	.5	.2	.3	.2	.3	.3		.0								78	78	66	38
60/ 59	.5	1.2	.6	.6	.8	.4	.4	.0	.1	.0								123	123	98	63
58/ 57	.4	1.5	.8	.5	.6	.8	.3	.1										133	133	106	73
56/ 55	.6	1.2	.9	1.0	.9	.9	.2	.1										152	152	97	77
54/ 53	.5	1.7	1.0	.7	1.0	1.1	.2	.1										165	166	115	82
52/ 51	.8	1.7	1.9	1.2	.8	.5	.2											145	145	144	109
50/ 49	.7	2.5	2.4	1.7	1.1	.8	.2											246	246	152	138
48/ 47	1.0	1.9	2.1	2.1	1.0	.5	.1											227	227	239	114
46/ 45	.3	2.4	1.9	1.9	1.4	.5												219	219	208	157
44/ 43	.7	1.6	2.0	2.2	1.7	.3												222	222	239	169
42/ 41	.3	2.4	1.4	2.4	1.0	.1												197	197	204	165
40/ 39	.2	1.2	2.3	1.9	.5													157	157	221	144
38/ 37	.1	.6	1.3	.9	.3													86	86	198	189
36/ 35	.2	.6	1.2	1.0														76	76	200	175
34/ 33	.3	.2	.7	.2														37	37	98	144
32/ 31		.2	.3	.2	.0													19	19	75	138
30/ 29		.2	.2	.1														12	12	46	146
28/ 27		.0	.2															6	6	19	118
26/ 25			.0															1	1	12	103
24/ 23																				4	69
22/ 21																				1	60
20/ 19																					39
18/ 17																					28
16/ 15																					16
14/ 13																					6
12/ 11																					1
Element (X)	Σx^2		Σx		\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total							
Rel. Hum.							≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 STATION ANDREWS AFB WASHINGTON D C STATION NAME 44-72 YEARS APR MONTH

PAGE 2 0000-0200
 HOURS (L S T)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
8 / 7																					2
6 / 5																					1
2 / 1																					1
TOTAL	7.2	23.1	23.1	20.6	13.4	7.5	3.2	1.0	.5	.3	.0							2593	2594	2594	

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature								
						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total		
Rel Hum	13753630	182816	70.9	18.262	2593									
Dry Bulb	6602795	128765	49.6	9.020	2594		1.3	4.2	.5					90
Wet Bulb	5448404	116760	45.0	8.624	2594		5.4							90
Dew Point	4390729	102787	39.6	11.071	2594		25.3							90

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C

44-72

APP
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
76/ 75								.1											7	2																
74/ 73							.1												2	2																
72/ 71						.0	.1												3	3																
70/ 69				.2	.1	.0	.0	.0											10	10																
68/ 67			.3	.2	.1	.0	.1	.2	.1										23	23																
66/ 65	.0	.4	.3	.4	.5	.3	.1	.2											57	57	5															
64/ 63	.1	.8	.8	.4	.2	.2	.2												68	68	28	13														
62/ 61	.2	1.0	.6	.5	.2	.3	.1	.2											77	77	47	31														
60/ 59	.3	1.5	.7	.4	.4	.3	.1	.1											100	100	76	57														
58/ 57	.5	1.0	.6	.8	.7	.3	.2	.1											107	107	100	67														
56/ 55	.5	1.9	.8	1.0	.7	.7	.0												146	146	100	68														
54/ 53	.9	1.5	.9	.9	.8	.6	.2												152	152	111	120														
52/ 51	.5	1.8	1.3	1.2	.7	.5	.2												159	159	121	70														
50/ 49	1.0	2.7	1.8	1.4	.8	.4													206	206	156	124														
48/ 47	1.0	2.6	2.5	1.5	.9	.4													230	230	184	136														
46/ 45	1.4	2.7	2.2	2.0	.6	.1													233	233	246	150														
44/ 43	.5	1.8	2.2	1.4	1.2	.3													190	191	205	170														
42/ 41	.7	2.5	2.1	2.7	.8	.0													228	228	218	170														
40/ 39	.5	1.7	3.2	2.2	.5	.1													214	214	196	167														
38/ 37	.3	1.3	2.5	1.3	.3														150	150	179	155														
36/ 35	.0	1.6	1.3	.8															98	98	238	164														
34/ 33	.1	.5	1.4	.4	.0														64	64	166	163														
32/ 31	.0	.4	.8	.2															37	37	80	154														
30/ 29		.4	.5	.2															26	26	70	134														
28/ 27	.0	.1	.1	.0															7	7	41	113														
26/ 25		.1	.1	.0															5	5	12	116														
24/ 23			.0																1	1	4	100														
22/ 21																					3	50														
20/ 19																					2	45														
18/ 17																						19														
16/ 15																						14														
14/ 13																						10														
12/ 11																						3														
8/ 7																						3														
Element (X)	Σx^2			Σx			\bar{x}	s_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																																				

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C

44-72

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 7 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																
6/5																																					5
TOTAL	8.0	28.2	26.6	20.3	9.8	4.7	1.2	.7	.1											2596		2595															

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	14939902	191936	74.0	16.931	2595	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	6085728	123562	47.6	8.878	2595		2.6	1.4	.1			90
Wet Bulb	5167092	113552	43.8	8.742	2595		7.6					90
Dew Point	4279439	101485	39.1	10.942	2595		26.5					90

USAFETAC FORM 0-26-5 (OL A) REVISED METHODS EMPLOYED IN THIS FORM ARE OBSOLETE JUL 54

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C 44-72

APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
78/ 77						.0		.0										2	2																	
76/ 75					.0	.0												2	2																	
74/ 73			.0	.1	.1	.0		.0										7	7																	
72/ 71			.1	.2	.2	.0	.0	.1	.2									16	16																	
70/ 69			.1	.2	.3	.0	.0	.1	.1									22	22	1																
68/ 67		.1	.2	.4	.2	.2	.1	.0	.0									41	41	6	2															
66/ 65		.3	.2	.5	.4	.4	.3	.2										57	57	18	6															
64/ 63	.0	.4	.7	.7	.2	.4	.1	.2										73	73	33	16															
62/ 61	.2	.9	.6	.5	.5	.5	.4	.1										95	95	43	33															
60/ 59	.4	1.7	.9	.5	.4	.5	.3	.1										126	126	90	48															
58/ 57	.3	1.2	.8	.9	.5	.3	.3	.1										116	116	99	80															
56/ 55	.7	1.2	1.0	1.1	.9	.5	.3	.1	.0									152	152	109	96															
54/ 53	.7	1.8	1.0	1.0	.8	.8	.3	.1										168	170	132	83															
52/ 51	.6	2.0	1.1	1.4	1.0	.5	.1											177	177	140	100															
50/ 49	.6	2.4	1.4	2.4	1.4	.8	.2	.0										235	235	166	112															
48/ 47	.9	2.6	2.1	1.5	2.1	.7												260	260	194	162															
46/ 45	.9	2.1	2.0	2.3	1.6	.3												237	238	241	148															
44/ 43	.6	2.1	2.0	1.6	1.2	.2												201	203	221	165															
42/ 41	.4	1.1	1.9	2.0	1.0	.2	.0											171	171	216	167															
40/ 39	.3	1.6	2.0	1.6	.7	.1												166	166	230	158															
38/ 37	.1	1.0	1.3	1.4	.3													105	105	186	158															
36/ 35	.1	.8	1.4	.5														71	71	171	140															
34/ 33	.1	.4	.3	.4														30	30	122	173															
32/ 31	.3	.3	.5	.3														29	29	81	148															
30/ 29	.3	.3	.2															18	18	42	145															
28/ 27	.2	.1	.0															8	8	23	109															
26/ 25	.0	.1																3	3	16	103															
24/ 23		.0																1	1	6	104															
22/ 21																				2	42															
20/ 19																				1	32															
18/ 17																					16															
16/ 15																					18															
14/ 13																					9															
12/ 11																					6															
Element (X)	Σ X ²	Σ X	Σ	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total																									
Ref. 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) JUL 64 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDRIWS AFB WASHINGTON D C

44-72

APR
 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
88/ 87									.1								2	2		
86/ 85								.0	.1	.0				.0			6	6		
84/ 83								.1	.1	.1							3	6		
82/ 81						.0	.1	.1	.2	.1	.0						19	18		
80/ 79					.0	.1	.2	.2	.4	.1	.1	.0	.0				28	28		
78/ 77					.2	.1	.2	.2	.1	.3	.0	.0		.1			32	32		
76/ 75				.1	.0	.1	.5	.4	.5	.2	.1						50	50		
74/ 73				.2	.2	.5	.6	.3	.2	.3	.1	.1					64	64		
72/ 71			.1	.3	.4	.4	.5	.4	.3	.5	.1						72	72	3	
70/ 69			.2	.2	.5	.4	.5	.3	.6	.1	.1						77	77	20	1
68/ 67		.1	.3	.3	.5	.7	.5	.4	.5	.2							80	88	25	2
66/ 65		.1	.4	.9	.2	.6	.6	.7	.5	.2	.0						118	118	56	15
64/ 63	.0	.6	.3	.7	.7	.6	.5	.9	.4	.1							123	123	71	25
62/ 61	.0	.6	.9	.7	.7	.7	.8	.9	.6	.1							151	153	96	48
60/ 59	.0	1.0	.6	.6	1.0	1.1	1.0	1.2	.3								177	177	118	50
58/ 57	.3	.8	.5	.7	1.2	1.0	1.4	.5	.1								167	168	142	104
56/ 55	.4	.9	.5	.6	1.5	1.4	1.3	.7	.1								191	192	141	108
54/ 53	.4	1.3	.9	.9	1.3	1.7	1.4	.3	.0								214	214	163	113
52/ 51	.3	1.2	.4	1.5	1.7	1.5	1.3	.2									212	212	166	114
50/ 49	.5	1.5	.9	1.2	2.4	1.9	.5	.0									230	230	204	111
48/ 47	.4	1.2	.6	1.1	1.7	1.4	.3	.1									176	177	223	147
46/ 45	.1	.7	.3	1.0	1.0	.9	.1										106	106	272	136
44/ 43	.5	1.2	.7	.7	1.2	.6	.0										127	127	205	122
42/ 41	.1	.5	.3	.3	.7	.2											58	58	224	152
40/ 39	.0	.6	.3	.4	.9												47	47	176	164
38/ 37		.1	.1	.4	.2												20	20	116	125
36/ 35			.0	.2	.2												9	9	80	153
34/ 33			.1	.2													6	6	31	153
32/ 31		.0		.1													3	3	31	147
30/ 29			.1	.0													3	3	10	122
28/ 27		.0															1	1	7	94
26/ 25																			5	115
24/ 23																				95
22/ 21																				53
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C 44-72 APR
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
20/ 19																					36
18/ 17																					26
16/ 15																					32
14/ 13																					6
12/ 11																					11
10/ 9																					5
TOTAL	3.2	12.5	8.5	13.3	18.1	15.9	12.2	7.7	4.9	2.6	.7	.3	.0	.1				2585	2589	2585	
Element (X)	Σx^2	Σx	\bar{x}	s_x	No Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum	9563908	147920	57.220	628	2585	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total									
Dry Bulb	8557212	146526	56.610	109	2589		.2	15.5	7.2	1.8		90									
Wet Bulb	6303376	123702	48.68	593	2585		1.8	1.7				90									
Dew Point	4520616	103630	40.101	904	2585		25.8	.1				90									

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C

44-72

AIR MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
92/ 91									.0	.1	.0	.0						5	5																	
90/ 89								.1	.0	.2	.0							7	9																	
88/ 87								.0	.3	.2	.2	.0	.0					21	21																	
86/ 85					.0			.1	.2	.3	.3	.1	.0					26	26																	
84/ 83								.2	.2	.3	.6	.3	.2	.1				50	50																	
82/ 81						.0	.1	.2	.5	.5	.5	.3	.2	.0	.0			51	58																	
80/ 79						.1	.3	.3	.4	.5	.4	.2	.2	.0				65	65																	
78/ 77					.1	.1	.2	.4	.6	.3	.4	.2	.2					66	66	1																
76/ 75					.2	.5	.4	.5	.5	.3	.5	.2	.2					83	83	2																
74/ 73			.0		.2	.5	.3	.4	.4	.5	.7	.2	.1					87	87	1	1															
72/ 71			.0		.3	.5	.4	.4	.5	.9	.4	.0						93	93	9																
70/ 69		.0	.0	.4	.6	.7	.7	.7	.6	.7	.5	.0						127	127	29	2															
68/ 67		.0	.2	.8	.8	.3	.7	.7	.6	.7	.2							124	128	40	3															
66/ 65		.4	.3	.7	.5	.6	.7	.6	1.3	.7	.2							143	143	86	6															
64/ 63	.0	.4	.6	.5	.6	.5	.7	1.3	.8	.5	.1							156	156	125	35															
62/ 61		.4	.5	.3	.3	.6	1.1	1.2	.7	.4								144	144	136	44															
60/ 59	.2	.5	.5	.5	.7	1.1	1.2	1.7	1.1	.2								198	198	140	92															
58/ 57	.2	.7	.5	.7	.5	.8	1.6	1.9	.3	.0								191	191	158	95															
56/ 55	.1	.8	.6	.6	.6	1.1	1.7	1.1	.1									172	173	160	106															
54/ 53	.1	.8	.8	1.0	1.1	1.4	1.7	.9										196	196	174	129															
52/ 51	.1	.7	.3	.5	1.0	1.3	1.0	.3										133	133	170	118															
50/ 49	.2	1.2	.6	.6	.9	1.3	.5	.1										140	140	236	108															
48/ 47	.3	.6	.5	.4	.7	1.0	.5	.0										105	105	217	136															
46/ 45	.1	.7	.3	.1	.6	.5	.2											65	65	245	123															
44/ 43	.2	.9	.3	.2	.6	.3	.0											65	55	237	119															
42/ 41		.5	.3	.2	.3	.1												35	35	159	130															
40/ 39	.0	.5		.1	.1													18	18	113	145															
38/ 37		.1		.0	.0													4	4	81	143															
36/ 35		.1		.1	.0													6	6	45	138															
34/ 33	.0																	1	1	15	142															
32/ 31			.1															2	2	6	128															
30/ 29			.0															1	1	5	151															
28/ 27																				2	115															
26/ 25																				1	108															
Element (X)	Σ X ²		Σ X		X̄		s _x		Nn. 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.) JUL 64
 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C 44-72 APR
STATION STATION NAME YEARS MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
24/ 23																						94		
22/ 21																							62	
20/ 19																							42	
18/ 17																							37	
16/ 15																							16	
14/ 13																							5	
12/ 11																							7	
10/ 9																							4	
8/ 7																							1	
6/ 5																							1	
TOTAL	1.7	9.2	6.6	7.2	10.8	13.4	13.7	12.7	8.8	7.2	5.2	2.1	1.2	.3	.0			2593	2594	2593		2593		

Element (X)	$\sum x^2$	$\sum x$	\bar{x}	s^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.	7591872	128694	49.6	21.258	2593							
Dry Bulb	10134937	159517	61.5	11.204	2594		.1	28.4	16.3	6.9		90
Wet Bulb	6915599	132063	50.9	8.552	2593		.3	2.8	.1			90
Dew Point	4580238	104282	40.2	2.209	2593		27.0	.2	.0			90

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C 44-72

APR
 MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B.	TOTAL						
	0	1-2	3-4	5	6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																		
94/ 93											.0																							1	1				
92/ 91											.0	.1	.0																					5	5				
90/ 89											.0	.2	.1	.0																				9	9				
88/ 87											.0	.1	.1	.1	.2																			16	16				
86/ 85											.0	.2	.2	.3	.4	.2																		43	43				
84/ 83											.1	.2	.4	.6	.4	.2																		47	47				
82/ 81							.0	.2	.3	.5	.6	.3	.3	.4	.3	.0																		68	68				
80/ 79							.1	.2	.3	.5	.3	.3	.5	.4	.1																			68	68				
78/ 77							.2	.4	.3	.6	.2	.5	.4	.1																				70	70				
76/ 75					.0	.2	.4	.2	.2	.5	.2	.5	.2	.1																				63	63	3			
74/ 73			.0	.0	.3	.3	.4	.3	.4	.5	.7	.4																						86	86	2			
72/ 71			.2	.3	.5	.6	.4	.3	.9	.8	.3	.0																						131	131	6			
70/ 69		.2	.2	.3	.5	.6	.6	.7	.8	1.0	.4	.1																						137	137	24	4		
68/ 67		.1	.3	.5	.5	.7	.5	.7	.7	.9	.4	.1																						133	133	53	4		
66/ 65	.4	.4	.5	.5	.5	1.2	.6	.7	1.5	.9	.4																							185	185	85	13		
64/ 63	.1	.6	.5	.5	.4	.5	.6	1.2	.6	.5	.1																							152	152	117	27		
62/ 61		.4	.3	.5	.3	.6	1.5	1.2	1.5	.3	.0																							173	173	158	65		
60/ 59	.1	.5	.5	.5	.3	.5	1.2	2.2	1.4	.0																								191	191	125	94		
58/ 57	.1	.6	.6	.7	.6	1.1	1.7	1.3	.5	.0																								194	194	159	70		
56/ 55	.1	.7	.5	.8	.7	1.0	1.2	.8	.2																									156	156	191	103		
54/ 53	.3	.7	.5	.6	1.0	.8	2.0	.3	.1																									162	162	189	113		
52/ 51	.1	.7	.4	.5	.6	1.0	1.3	.2																										122	122	173	105		
50/ 49	.3	.7	.7	.5	.7	1.4	.7	.0																										132	132	238	135		
48/ 47	.2	.8	.5	.4	.5	.7	.0																											81	81	244	120		
46/ 45	.2	.7	.5	.5	.5	.2	.1																											69	69	259	133		
44/ 43	.1	.8	.3	.1	.2	.2																												44	44	176	117		
42/ 41	.1	.5	.0	.2	.1	.1																												24	24	168	124		
40/ 39	.1	.3	.1	.0	.2																													18	18	121	150		
38/ 37				.1	.1																													5	5	53	166		
36/ 35		.0			.0																													2	2	18	158		
34/ 33	.1	.1		.0																														6	6	12	130		
32/ 31		.1																																2	2	11	124		
30/ 29																																				4	4	126	
28/ 27																																				1	1	118	
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																																	
Rel Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total																											
Dry Bulb																																							
Wet Bulb																																							
Dew Point																																							

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

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C 44-72 APP 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																				
26/ 25																																							119	
24/ 23																																							113	
22/ 21																																							50	
20/ 19																																							41	
18/ 17																																							33	
16/ 15																																							12	
14/ 13																																							3	
12/ 11																																							4	
10/ 9																																							2	
8/ 7																																							1	
6/ 5																																							1	
TOTAL	1.9	8.8	9.3	7.9	8.8	11.7	14.0	11.1	11.4	7.0	5.4	3.4	1.7	.7	.0																							2590	2590	2589
																																						2590	2590	

Element (X)	Σx ²	Σx	x̄	s _x	No. Obs.	Mean No. of Hours with Temperature																																	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																											
Rel. Hum.	7391462	125874	48.6	22.166	2589																																		
Dry Bulb	10405635	161629	62.4	11.103	2590			.1	30.5	16.5	7.6																												90
Wet Bulb	701493	133064	51.4	8.306	2590			.6	3.1	.2																													0
Dew Point	4578444	104266	40.3	12.107	2589			26.3		.3																													90

USAF/ETAC FORM 0-25-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13715 ANDRWS AFB WASHINGTON D C 44-72

YEARS

APR
 MONTH

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

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
90/ 89											.0	.0																					1	1		
88/ 87											.0	.0																					2	2		
86/ 85											.0	.0												.0								2	2			
84/ 83											.0	.1	.1	.1	.1																	10	10			
82/ 81										.1	.2	.3	.4	.4	.1	.0																16	16			
80/ 79								.0	.2	.3	.3	.2	.2	.1																		31	31			
78/ 77						.0	.2	.3	.3	.3	.4	.2	.2	.1																		42	42			
76/ 75				.0	.1	.2	.1	.5	.2	.4	.2	.2	.1																			48	48			
74/ 73					.3	.2	.3	.3	.5	.2	.2	.1																				57	57			
72/ 71			.1	.0	.3	.3	.5	.3	.3	.2	.2	.0																				57	57	1		
70/ 69		.1	.1	.4	.5	.4	.3	.3	.3	.4	.1																					77	77	4		
68/ 67		.2	.0	.7	.5	.7	.5	.3	.9	.4	.2																					119	119	19	2	
66/ 65	.0	.3	1.0	.3	.5	.7	.5	.6	.8	.2	.1																					131	131	49	8	
64/ 63	.2	.7	.8	.9	.6	.5	.7	.8	.4	.4																						153	153	88	27	
62/ 61	.2	.9	.7	.8	.8	.7	.6	.9	.7	.2																						167	167	125	56	
60/ 59	.0	.7	.6	.9	.6	.8	.9	1.4	.7	.0																						170	170	122	84	
58/ 57	.3	.8	.7	.8	.9	1.5	1.2	1.2	.3																							197	197	138	79	
56/ 55	.3	.9	.8	1.0	1.0	1.1	1.7	.6	.2																							196	196	154	85	
54/ 53	.3	.9	1.1	.7	1.4	2.1	1.2	.3																								210	210	164	133	
52/ 51	.3	1.1	1.1	1.0	1.8	1.6	.8	.3																								209	209	182	103	
50/ 49	.3	.5	.9	1.5	2.0	1.5	.5	.0																								191	191	199	111	
48/ 47	.4	1.2	.8	1.2	1.0	1.2	.3																									174	174	229	130	
46/ 45	.3	.7	.5	1.0	1.0	.9	.1																									116	116	255	157	
44/ 43	.2	1.0	.5	.5	1.0	.2																										88	88	259	136	
42/ 41	.0	.7	.2	.6	.4	.1																										54	54	227	119	
40/ 39	.2	.5	.1	.3	.4																											37	37	154	141	
38/ 37		.1	.0	.1	.2																											10	10	103	168	
36/ 35		.0	.0	.0	.1																											6	6	7	167	
34/ 33	.1	.1	.1	.0																												8	8		156	
32/ 31		.0	.1																													3	3		149	
30/ 29		.0																														1	1		120	
28/ 27		.0																														1	1	5	105	
26/ 25																																			114	
24/ 23																																			87	
Element (X)	Σ X'		Σ X		Σ	%		No. Obs.		Mean No. of Hours with Temperature						Total																				
Rel. Hum.										≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F																					
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705
 STATION

ANDREWS AFB WASHINGTON D C
 STATION NAME

44-72
 YEARS

APR
 MONTH

PAGE 2 1900-2000
 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)													TOTAL		TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11	12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
22/ 21																							57
20/ 19																							29
18/ 17																							33
16/ 15																							25
14/ 13																							1
12/ 11																							2
TOTAL	3.3	11.6	10.6	12.8	15.9	14.2	10.4	9.2	5.7	3.3	1.6	.7	.3							2584	2584	2584	

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel Hum	9537107	146721	56.8	21.610	2584							96
Dry Bulb	8731661	148047	57.3	9.828	2584		.2	16.1	7.3	1.6		96
Wet Bulb	6389985	126755	49.1	8.164	2584		.9	.8				90
Dew Point	4540125	104055	40.3	11.639	2584		25.1	.1				90

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

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/WAC

PSYCHROMETRIC SUMMARY

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

44-72
YEARS

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	Dew Point	
80/79													.0	.1								3	3		
78/77									.2				.1	.0	.0							9	9		
76/75								.0	.2			.1	.1	.1								19	18		
74/73						.9		.3	.1	.3		.2	.1	.1								28	28		
72/71					.2	.1	.2	.1	.3	.2	.1	.3	.2	.1	.0							37	30		
70/69				.3	.4	.2	.5	.3	.3	.2	.2	.2	.0	.0								64	64		
68/67		.1	.2	.5	.4	.4	.3	.4	.2	.1	.3	.0	.0									60	60	1	
66/65		.4	.9	.4	.2	.5	.3	.5	.1	.3	.0	.0										81	81	28	2
64/63	.1	1.2	.6	.4	.2	.5	.2	.5	.1	.1												107	102	52	16
62/61	.3	1.2	.6	.9	.7	.4	1.0	.4	.2													136	136	98	65
60/59	.3	1.1	1.2	.9	.7	.9	1.1	.3	.0													166	165	102	83
58/57	.3	1.0	.8	.8	.9	.9	.9	.7	.2													142	142	109	69
56/55	.2	1.2	1.1	.7	1.0	.9	.7	.5														152	152	129	75
54/53	.6	1.7	1.2	.9	1.5	1.4	.8	.1														207	207	143	103
52/51	.7	1.9	1.5	1.2	1.6	1.0	.5	.0														216	216	161	110
50/49	.4	1.7	1.4	1.6	2.2	1.4	.1															234	235	213	121
48/47	.4	1.8	1.4	2.6	2.2	1.0	.2															229	229	196	143
46/45	.7	1.0	1.8	2.2	2.4	.5	.1															229	229	242	143
44/43	.5	1.3	1.2	2.1	1.5	.2																175	175	225	148
42/41	.2	1.3	.7	1.4	.9																	118	118	271	159
40/39	.2	.5	.5	1.5	.5																	84	84	212	142
38/37		.2	.2	.6	.1																	35	35	165	203
36/35		.2	.2	.5	.1																	23	23	120	166
34/33	.1		.1	.1	.0																	9	9	61	144
32/31			.3	.1																		9	9	53	145
30/29			.1	.0																		4	4	13	117
28/27		.1																				7	2	12	130
26/25																								5	114
24/23																								1	84
22/21																									45
20/19																									29
18/17																									23
16/15																									8
14/13																									5
Element (X)	Σ X ²	Σ X	\bar{X}	s _x	No. Obs.	M. on 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																									

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 AMK-WS AFB WASHINGTON D C 44-72

MAY
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
80/ 79							.0												1	1		
78/ 77					.1														2	2		
76/ 75					.1	.0	.1	.1	.0										13	13		
74/ 73		.0	.3	.4	.1	.1	.1	.1	.1			.0							31	31		
72/ 71		.1	.4	.6	.6	.3	.1		.0										59	59	4	
70/ 69		1.2	1.2	.9	.4	.4	.1		.0										114	114	26	12
68/ 67	.4	2.2	1.4	.6	1.2	.3	.3	.1	.0										173	173	88	52
66/ 65	.9	2.9	1.7	.7	1.2	.4	.5	.1	.0										224	224	134	105
64/ 63	.7	2.6	1.2	1.1	1.1	.5	.3	.0	.0										205	205	184	150
62/ 61	1.0	3.6	1.6	1.3	.8	.4	.4												246	246	197	144
60/ 59	1.3	3.2	2.5	1.5	.7	.7	.1	.2											278	278	227	207
58/ 57	.9	2.4	1.7	1.0	1.2	.6	.1												211	211	242	175
56/ 55	.9	3.4	2.3	1.3	.9	.5	.1												253	253	234	180
54/ 53	.7	2.7	2.2	1.3	.8	.3	.2												223	223	254	225
52/ 51	.5	2.4	2.2	1.3	.7	.2	.1												199	199	213	215
50/ 49	.3	1.6	1.8	1.4	.3	.1													148	148	223	175
48/ 47	.4	1.6	1.2	1.0	.4	.1													127	127	194	178
46/ 45	.3	1.3	1.0	.8	.1	.1													96	96	175	177
44/ 43	.0	.3	.7	.1	.1														34	34	111	158
42/ 41	.0	.2	.3	.1	.1														19	19	81	123
40/ 39		.2	.3	.1															14	14	50	120
38/ 37		.1	.1	.1															11	11	21	89
36/ 35		.0	.0																2	2	17	62
34/ 33		.1																	2	2	6	57
32/ 31																					4	74
30/ 29																						20
28/ 27																						11
26/ 25																						11
24/ 23																						4
22/ 21																						4
TOTAL	8.2	32.1	24.1	16.2	10.8	5.1	2.7	.6	.1	.0	.0								2685	2685	2685	2665
Element (X)	$\Sigma x'$	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature																
Rel. Hum.	17146359	210535	78.4	15.417	2685	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	total										
Dry Bulb	9236414	156160	58.2	7.578	2685			13.6	1.6			93										
Wet Bulb	8065677	143717	54.3	7.660	2685			.1	4.1			93										
Dew Point	7215260	136870	51.0	9.421	2685			2.6	2.2			93										

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13725 AIRLWS AFB WASHINGTON D C 44-72
STATION STATION NAME YEARS

MAY
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79																		2	2		
76/ 75				.1		.1												4	4		
74/ 73				.1	.1		.0											5	5		
72/ 71		.1	.2	.3	.3	.0	.1											27	27		
70/ 69	.0	1.0	.7	.3	.2	.2			.1	.0								69	69	10	3
68/ 67	.4	2.2	1.1	.6	.1				.1	.0								120	120	71	41
66/ 65	.9	2.8	1.7	.6	.4	.1	.1	.1										181	181	134	100
64/ 63	1.2	3.3	.9	1.3	.9	.2	.1											210	210	156	139
62/ 61	1.3	2.5	1.1	1.8	.5	.3	.1											204	204	173	149
60/ 59	1.7	4.2	2.2	1.3	.8	.3	.1	.0										286	286	182	181
58/ 57	1.4	2.6	1.9	1.2	.8	.2	.1											217	217	233	164
56/ 55	1.5	3.5	1.9	.9	.9	.2	.1											240	240	241	172
54/ 53	.9	3.6	2.3	1.6	.7	.3	.0											252	252	226	238
52/ 51	.9	3.3	1.9	1.4	.5	.1												218	218	244	207
50/ 49	.3	2.6	2.2	1.3	.7	.0												192	192	201	181
48/ 47	.5	2.2	1.7	.8	.3	.1												151	151	220	192
46/ 45	.5	2.1	1.4	.7	.2	.0												135	135	191	167
44/ 43	.1	1.2	1.2	.4	.2													82	82	156	170
42/ 41	.1	.6	.5	.1	.3													42	42	97	100
40/ 39		.4	.4	.1														26	26	63	107
38/ 37		.2	.1															3	8	41	104
36/ 35		.1	.1	.1														7	7	25	55
34/ 33		.4		.0														12	12	12	93
32/ 31																				11	30
30/ 29																				3	25
28/ 27																					10
26/ 25																					0
24/ 23																					12
22/ 21																					2
20/ 19																					1
18/ 17																					1
TOTAL	11.8	38.8	23.2	15.1	7.8	2.3	.7	.2	.1	.0								2690	2690	2690	2690

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 67	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	18534551	220031	91.8	14.130	2690			7.8	.4	.1		93
Dry Bulb	8644486	151100	56.2	7.642	2690							93
Wet Bulb	7744795	142759	53.1	7.917	2690		.5	2.8				93
Dew Point	7052231	133351	50.3	9.484	2690		2.5	1.5				93

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C 44-72

MAY
 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									.0	.0									2	2					
82/ 81									.1	.0									4	4					
80/ 79						.0	.0	.1											5	5					
78/ 77				.1	.1	.1	.1												10	10					
76/ 75			.1	.4	.1	.4	.1	.0											30	30					
74/ 73		.0	.5	.5	.3	.3	.3			.0									53	53	3				
72/ 71		.3	.6	.6	.7	.5	.2	.1	.1	.0									87	87	6	2			
70/ 69		1.3	1.4	1.0	.6	.4	.2	.1	.1										137	137	53	19			
68/ 67	.1	2.3	1.2	.7	1.0	.5	.4	.1	.1										173	173	104	63			
66/ 65	.6	2.3	1.5	1.5	1.2	.8	.3	.1											219	219	164	110			
64/ 63	.7	2.1	1.2	1.5	1.5	.6	.2	.1											216	216	161	145			
62/ 61	1.0	2.1	2.0	1.3	1.8	.6	.3	.1											244	244	182	165			
60/ 59	1.3	2.6	1.9	1.8	1.3	.8	.4	.0											275	275	231	162			
58/ 57	.9	2.3	2.1	1.8	1.2	1.0	.3	.1											255	255	231	184			
56/ 55	.9	2.9	1.8	2.0	1.5	.6	.1												261	261	266	200			
54/ 53	.6	2.1	1.5	1.6	.9	.4	.1												198	198	264	206			
52/ 51	.6	1.3	1.6	1.4	.7	.6													165	165	204	215			
50/ 49	.3	1.2	1.1	1.2	.5	.3	.0												125	125	218	184			
48/ 47	.1	1.4	.9	.6	.4	.2													99	100	192	172			
46/ 45	.3	.8	.4	.6	.3	.1													68	68	168	182			
44/ 43	.1	.3	.1	.3	.1	.0													25	25	90	151			
42/ 41	.0	.2	.3	.0	.1														18	18	56	134			
40/ 39		.0	.0	.0	.1														5	5	44	114			
38/ 37		.1	.0	.0															4	4	23	62			
36/ 35		.1		.0															3	3	11	48			
34/ 33																					7	54			
32/ 31																					2	46			
30/ 29																					1	21			
28/ 27																						11			
26/ 25																						16			
24/ 23																						7			
22/ 21																						6			
18/ 17																						4			

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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 STATION ANDREWS AFB WASHINGTON D C 44-72 YEARS DAY MONTH 0600-0800

PAGE 2 0600-0800 HOURS (L S T)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. WB.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point															
TOTAL	7.5	25.7	20.2	17.2	14.0	11.2	8.2	5.3	2.9	1.3	.0																					2681	2682	2681	2681
Element (X)	ΣX^2	ΣX	\bar{X}	$\%_x$	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel Hum.	15753294	202130	75.4	16.312	2681	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb	9616345	139281	59.4	7.648	2682			17.4	3.6	.3		93																							
Wet Bulb	8225214	147070	54.9	7.666	2681		.1	6.8	.1			93																							
Dew Point	7231247	136791	51.0	9.694	2681		3.6	2.9				93																							

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/PAC

PSYCHROMETRIC SUMMARY

13705
STATION

ANDREWS AFB WASHINGTON D.C.
STATION NAME

44-72
YEARS

YEAR

MAY
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	O.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																		
92/ 91																																		1	1				
90/ 89																																			1	1			
88/ 87																																			1	1			
86/ 85																																			24	24			
84/ 83																																			47	47			
82/ 81																																			61	61			
80/ 79																																			95	95			
78/ 77																																			120	120			
76/ 75																																			171	171	5		
74/ 73																																			180	180	27	3	
72/ 71																																			205	205	73	11	
70/ 69																																			217	217	136	34	
68/ 67																																			206	206	183	103	
66/ 65																																			215	215	193	121	
64/ 63																																			214	214	203	135	
62/ 61																																			190	190	215	173	
60/ 59																																			222	222	242	183	
58/ 57																																			138	138	271	203	
56/ 55																																			117	117	230	207	
54/ 53																																			66	66	202	149	
52/ 51																																			63	63	216	177	
50/ 49																																			48	48	184	161	
48/ 47																																			18	18	118	183	
46/ 45																																			12	12	73	145	
44/ 43																																			2	2	45	143	
42/ 41																																			3	3	39	122	
40/ 39																																						11	50
38/ 37																																					4	92	
36/ 35																																					3	77	
34/ 33																																					2	22	
32/ 31																																						2	32
30/ 29																																						2	31
28/ 27																																						1	17
26/ 25																																						20	
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs	Mean No. of Hours with Temperature																																	
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total																											
Dry Bulb																																							
Wet Bulb																																							
Dew Point																																							

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13702 STATION ANDREW AFB WASHINGTON D.C. 44-72 YEARS MONTH DAY

PAGE 2 0900-1100
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL		Dew Point																							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30		Dry Bulb	Wet Bulb																					
24/ 23																																									11
22/ 21																																								7	
20/ 19																																							3		
18/ 17																																							2		
16/ 15																																							2		
TOTAL	2.1	10.4	8.9	12.1	15.2	17.9	14.7	9.3	5.3	3.2	1.0	.3																										2674			
																																							2675		

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	10786291	162531	60.8	18.458	2675							
Dry Bulb	12057167	178047	66.6	8.653	2674			46.5	24.7	6.8		93
Wet Bulb	9165560	155240	58.0	7.640	2675			14.7	1.1			93
Dew Point	7368399	137583	51.4	10.452	2675			4.3	5.2	.1		93

USAFETAC FORM 0 26-5 (UL A) REVISSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUL 64

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C 44-72

YEARS

1 Y
 MONTH

PAGE 1 1200-1400
 HOURS (L T)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
96/ 95													.0					1	1																
94/ 93												.0	.0					4	4																
92/ 91											.0	.1	.2					14	14																
90/ 89									.1	.2	.4	.1	.2	.1				34	34																
88/ 87							.0	.8	.6	.4	.6	.2	.2					77	77																
86/ 85						.3	.3	.7	1.0	.5	.7	.1	.1					99	99																
84/ 83					.0	.4	.7	.7	.7	.7	.2	.3	.2					100	100																
82/ 81					.2	.5	.9	.9	.9	.7	.4	.4	.0					135	135																
80/ 79				.1	.4	.9	1.1	.8	1.0	1.2	.6	.3	.0	.0				170	170																
78/ 77			.0	.3	.6	.8	1.2	1.3	1.0	.8	.4	.3	.1					184	184																
76/ 75		.1	.7	.8	1.1	1.3	1.0	1.0	1.0	.7	.5	.1						197	197	22															
74/ 73		.1	.2	.9	1.1	1.1	1.2	.9	1.1	.3	.0							203	203	68															
72/ 71	.1	.3	.3	.6	.0	1.2	1.1	.9	1.5	.5	.1	.2						195	195	119	21														
70/ 69	.0	.1	.3	.6	.6	.8	1.3	1.2	1.3	.6	.1	.1						200	200	187	60														
68/ 67	.0	.3	.6	.5	.8	1.3	1.3	1.1	1.0	.3								196	196	195	70														
66/ 65	.0	.6	.6	.6	.8	1.1	1.4	1.3	.9	.2								195	195	223	130														
64/ 63	.1	.9	.4	.5	.2	.9	.9	1.1	.4	.1								154	154	273	127														
62/ 61	.1	.7	.8	.5	.2	.8	.9	.6	.2	.0								133	133	240	201														
60/ 59	.8	.5	.4	.7	.3	.7	.5	.1										107	107	229	160														
58/ 57	.0	.7	.2	.6	.5	.5	.5	.3	.4									92	92	239	185														
56/ 55	.1	.6	.4	.3	.1	.3	.4	.3										67	69	250	200														
54/ 53	.1	.6	.3	.2	.1	.3	.1	.2										43	42	190	169														
52/ 51	.0	.4	.3	.1	.1	.1	.0											30	30	183	180														
50/ 49	.1	.5	.1			.1	.0											22	22	128	172														
48/ 47		.2	.1				.0											9	9	73	137														
46/ 45	.1	.0																3	3	55	151														
44/ 43																				34	139														
42/ 41					.1													2	2	12	120														
40/ 39		.0																1	1	2	112														
38/ 37																				1	91														
36/ 35																				3	71														
34/ 33																					36														
32/ 31																					40														
30/ 29																					27														
Element (X)	Σx^2		Σx		\bar{x}	s_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																																			

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C
STATION NO. STATION NAME

44-72

YEARS

MAY
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
28/ 27																				17
26/ 25																				8
24/ 23																				14
22/ 21																				10
20/ 19																				3
18/ 17																				1
16/ 15																				1
TOTAL	1.1	6.9	5.3	6.7	8.1	12.8	13.4	15.1	12.7	6.3	4.2	2.2	1.1	0			2677		2677	
																2677		2677		

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel Hum	8464571	141959	53.0	18.733	2678	$\leq 0 F$	$\leq 2 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total
Dry Bulb	13795350	190490	71.2	9.479	2677			63.1	42.6	19.4	.2	93
Wet Bulb	9751676	160304	59.9	7.546	2677			20.6	3.2			93
Dew Point	7427579	138155	51.6	10.547	2677		4.2	5.8				91

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

DATA PROCESSING BRANCH
 USAF DTIC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C
STATION STATION NAME

44-72
YEARS

MAY
MONTH

PAGE 1 1500-1700
HOURS TL 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	DB W.B.	Dry Bulb	Wet Bulb	Dew Point																	
96/ 95															.1																				3	3				
94/ 93													.1		.0																				4	4				
92/ 91												.1	.1	.1	.3																				16	16				
90/ 89												.1	.3	.3	.1	.1	.0																		37	37				
88/ 87								.1	.4	.5	.5	.5	.3	.1	.0	.0																			65	65				
86/ 85					.0	.1	.5	.9	.8	.9	.6	.4	.1	.0																					116	116				
84/ 83					.1	.4	.6	.8	.6	.6	1.0	.4	.1	.0																					125	125				
82/ 81					.1	.3	.7	.7	.9	1.0	.7	.6	.1	.1																					136	136				
80/ 79				.1	.3	.7	1.0	.9	1.2	.5	.4	.1																							159	159				
78/ 77			.1	.3	.6	1.0	.9	.9	.7	1.2	.7	.4																							181	181	1			
76/ 75	.0	.1	.2	.8	.6	1.1	1.1	1.1	1.3	1.4	.7	.3	.1																						237	237	16	2		
74/ 73		.1	.2	.7	.6	1.1	.7	.9	.6	.9	.6	.3																							181	181	66	5		
72/ 71		.3	.4	.7	1.2	.4	1.3	1.2	1.3	1.0	.7																								229	229	107	11		
70/ 69	.0	.5	.7	.4	.7	.7	1.5	1.4	1.2	.6	.1																								214	214	185	56		
68/ 67	.2	.5	.5	.5	.7	1.0	1.1	1.3	.8	.3	.1																								187	187	215	100		
66/ 65	.0	.9	.7	.4	.7	.6	.9	1.0	.6	.2	.2																								169	169	234	116		
64/ 63	.1	1.0	.3	.6	.6	.4	1.1	.8	.4	.2																									151	151	231	153		
62/ 61	.1	.7	.6	.4	.4	.6	.6	.8	.2	.0																									126	126	236	172		
60/ 59	.3	.9	.5	.4	.6	.4	.5	.6	.2																										116	116	262	164		
58/ 57	.1	.5	.5	.4	.2	.4	.4	.0	.0																										62	62	263	175		
56/ 55	.1	.7	.4	.4	.2	.2	.1	.1	.1																										61	61	232	185		
54/ 53	.0	.7	.2	.2	.1	.1	.1																												40	40	185	162		
52/ 51	.3	.5	.1		.2																														30	30	186	196		
50/ 49	.1	.3	.1																																15	15	103	167		
48/ 47	.0	.2	.1																																9	9	88	171		
46/ 45	.0	.1	.0																																5	5	45	138		
44/ 43																																						20	130	
42/ 41				.1																																2	2	7	130	
40/ 39				.0																																1	1		107	
38/ 37																																							22	
36/ 35																																						3	77	
34/ 33																																							50	
32/ 31																																							30	
30/ 29																																							25	
Element (X)	Σ x ²		Σ x		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature																													
Rel. Hum.											≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																							
Dry Bulb																																								
Wet Bulb																																								
Dew Point																																								

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C 44-72 4AY
STATION STATION NAME YEARS MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)													TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
96/ 95														.0				1	1		
92/ 91										.0	.0	.0						3	3		
90/ 89												.1						2	2		
88/ 87											.1							2	2		
86/ 85								.0	.1	.1	.1	.1						12	12		
84/ 83							.1	.2	.4	.3	.2	.1	.1	.0				37	37		
82/ 81					.1	.2	.4	.4	.4	.3	.4							61	61		
80/ 79			.0	.0	.3	.8	.6	.6	.6	.3	.3	.1	.0					92	92		
78/ 77				.5	.8	.6	.6	.6	.5	.2	.2	.0						108	108		
76/ 75		.0	.1	.6	.9	1.0	.9	.6	1.0	.3	.1	.1	.0					154	154	1	
74/ 73		.1	.4	1.0	.8	1.0	.9	.7	.6	.5	.0	.0						163	163	11	1
72/ 71	.0	.5	1.0	.9	.9	1.0	1.2	.8	.5	.4	.2							202	202	64	9
70/ 69	.0	1.2	1.6	1.2	1.1	1.2	.8	1.2	.6	.3								245	245	135	40
68/ 67	.3	1.2	1.4	1.2	1.2	1.6	1.2	1.2	.6	.2								269	269	175	94
66/ 65	.6	1.2	1.2	1.0	1.3	1.3	1.0	.7	.3	.1								229	229	227	148
64/ 63	.5	1.0	.4	.9	1.2	1.3	.9	.5	.2	.0	.1							188	188	231	161
62/ 61	.3	1.7	1.0	1.4	1.3	1.1	1.0	.4	.1	.0								227	227	214	168
60/ 59	.3	1.5	1.0	1.2	1.3	1.3	.5	.5	.1									203	203	251	173
58/ 57	.4	1.2	.7	.8	1.0	.3	.5	.2	.0									143	143	271	176
56/ 55	.4	.9	.9	.6	.9	.6	.4	.1	.0									128	128	264	198
54/ 53	.1	.9	.4	.6	.4	.4	.1	.0										83	83	224	201
52/ 51	.4	.4	.3	.2	.3	.3	.1	.0										55	55	219	194
50/ 49	.1	.6	.3	.3	.1	.0	.1											42	42	147	176
48/ 47	.1	.4	.1	.0	.2													22	22	110	179
46/ 45		.1	.0	.1														6	6	68	149
44/ 43		.0		.0														2	2	38	131
42/ 41			.1	.1														4	4	16	131
40/ 39				.0														1	1	12	89
38/ 37																				3	64
36/ 35																				2	57
34/ 33																				1	52
32/ 31																					36
30/ 29																					21
28/ 27																					9
Element (X)	Σ X ²		Σ X		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature						Total				
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDRIWS AFB WASHINGTON D C 44-72 MAY
 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
26 / 25																					12
24 / 23																					3
22 / 21																					5
20 / 19																					3
18 / 17																					1
16 / 15																					1
TOTAL	3.6	12.9	11.0	12.7	14.3	14.2	11.3	9.0	5.7	3.1	1.6	.4	.1	.1				2684	2684	2684	
																		2684		2684	

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel Hum	11699981	169097	63.0	19.750	2684							
Dry Bulb	12000223	178063	66.3	8.351	2684			46.8	22.0	5.5	.0	93
Wet Bulb	9251210	156392	58.3	7.185	2684			13.4	.4			93
Dew Point	7539988	139702	52.0	10.004	2684		3.2	5.0	.0			93

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C

44-72

YEARS

MAY
 MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
82/ 81								.0	.0									3	3			
80/ 79					.1	.1	.0	.1	.0									11	11			
78/ 77				.1	.1	.1	.1	.1	.1									20	20			
76/ 75			.1	.7	.8	.2	.2	.1	.0	.1								60	60			
74/ 73		.1	.6	.7	.6	.5	.4	.1	.0	.1								90	90			
72/ 71	.0	.4	.3	.7	.9	.8	.6	.1	.0	.2		.0						110	110	16	2	
70/ 69	.1	1.1	1.6	1.0	.8	.7	.5	.2	.1	.1								167	167	63	25	
68/ 67	.4	2.3	1.5	1.3	1.4	.5	.4	.4	.1									225	225	124	68	
66/ 65	.9	2.2	1.8	1.5	1.6	.8	.5	.3	.1									261	261	177	140	
64/ 63	.6	2.5	1.5	1.3	1.0	.9	.3	.2										222	222	208	139	
62/ 61	.6	2.2	1.7	1.7	1.4	.8	.6	.2										247	247	221	176	
60/ 59	.8	1.9	1.7	2.0	1.2	1.0	.5	.2										250	250	243	185	
58/ 57	.7	2.4	1.8	2.0	2.0	1.0	.1											267	267	231	183	
56/ 55	.7	1.9	1.4	2.2	1.2	.4	.1	.0										213	214	257	221	
54/ 53	.5	1.6	1.6	1.4	.9	.4	.2											175	175	232	212	
52/ 51	.4	1.3	.8	1.2	.5	.2												123	123	249	195	
50/ 49	.3	1.0	1.1	1.1	.6	.1	.0											111	111	230	185	
48/ 47	.1	1.0	.4	.5	.1	.1												60	60	157	185	
46/ 45	.0	.4	.2	.3	.1	.1												28	28	104	166	
44/ 43		.2	.2	.1														16	16	82	141	
42/ 41		.0	.2	.2														11	11	40	118	
40/ 39		.1	.0	.2														9	9	17	105	
38/ 37																				18	65	
36/ 35																				6	67	
34/ 33																				4	44	
32/ 31																					21	
30/ 29																					15	
28/ 27																					8	
26/ 25																					6	
24/ 23																					6	
22/ 21																					1	
TOTAL	6.2	22.8	18.7	20.2	15.4	8.7	4.6	2.2	.6	.6		.0								2680	2679	
																					2679	2679
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature																
Rel. Hum.	15262539	197185	73.6	16.723	2679	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb	10160922	163766	61.1	7.575	2680			23.8	6.4	.2		93										
Wet Bulb	8551502	150078	56.0	7.336	2679			7.0				93										
Dew Point	7458408	139128	51.9	9.330	2679			2.0	3.3			93										

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C 43-72 JUN
 STATION STATION NAME YEARS MONTH

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

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

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
86/ 85						.2	.0											5	5	
84/ 83						.0	.1											3	3	
82/ 81					.2	.0	.0	.1										1	8	
80/ 79		.1	.2	.3	.1	.1												20	20	
78/ 77		.3	.6	.7	.2	.1												54	54	3
76/ 75		.7	1.6	1.5	.5	.2	.1	.0										120	120	29
74/ 73		1.7	3.0	1.5	.8	.4	.2	.0										195	195	53
72/ 71	.4	3.8	2.9	1.8	1.1	.4	.0											265	265	141
70/ 69	1.1	5.0	3.4	1.8	1.4	.4	.2											336	336	300
68/ 67	1.0	4.4	3.3	1.7	.7	.3	.2											293	293	267
66/ 65	1.3	4.7	2.9	1.6	.8	.4	.1											297	298	317
64/ 63	.8	3.2	3.1	1.6	.5	.2	.1	.0										243	244	295
62/ 61	.4	2.2	2.7	1.1	.6	.2	.1											188	190	239
60/ 59	.4	2.4	2.1	1.2	.4	.2	.1											172	174	215
58/ 57	.2	2.4	1.3	.8	.4	.0												130	132	201
56/ 55	.0	1.8	1.2	.9	.3													109	110	169
54/ 53	.3	1.1	.7	.6	.0													70	70	123
52/ 51	.1	.3	.6	.2														30	30	99
50/ 49		.0	.2															5	5	85
48/ 47		.1	.3															7	7	25
46/ 45		.0																1	1	14
44/ 43																				2
42/ 41																				23
40/ 39																				5
38/ 37																				4
36/ 35																				1
34/ 33																				1
TOTAL	5.8	34.3	29.9	17.4	8.0	3.1	1.3	.2	.1									2560		2551
																		2551		2551
Element (X)	Σ X ²		Σ X		\bar{X}	σ_x	No. Obs.		Mean No. of Hours with Temperature						Total					
Rel. Hum.	17713189		210459		82.5	11.719	2551		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90					
Dry Bulb	11302271		169309		66.1	6.399	2560				45.7	14.2	.8		90					
Wet Bulb	10109308		159754		62.6	6.413	2551				28.0	3.0			90					
Dew Point	9452716		154120		60.4	7.449	2551		.0	21.9	1.4				90					

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C 43-72 JUN
 STATION STATION NAME YEARS MONTH
 PAGE 1 0600-0800
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B. W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
90/ 89							.0											1	1		
88/ 87							.0	.1										3	3		
86/ 85					.0		.2											7	7		
84/ 83			.0		.4		.2	.1	.1									22	22		
82/ 81			.0	.4	.7		.5	.1	.2									47	47		
80/ 79			.4	.9	.9		.7	.3	.0									80	80	2	
78/ 77		.2	1.0	1.6	1.0		.8	.4	.1									126	126	10	
76/ 75		.6	1.4	2.3	1.2		.8	.3	.1	.0								172	172	46	
74/ 73	.1	1.5	2.6	2.1	1.2		.9	.2	.0	.0								222	222	98	
72/ 71	.4	2.7	3.2	2.3	1.8		.7	.3	.0	.0								292	294	191	
70/ 69	.7	3.3	2.8	2.4	1.4		.4	.2										287	287	298	
68/ 67	.8	3.4	2.9	2.3	1.6		.9	.2	.1									310	312	280	
66/ 65	.7	3.0	2.5	2.2	1.4		.7	.4		.0								281	283	335	
64/ 63	.3	2.0	2.0	1.4	1.4		.4	.0										191	192	246	
62/ 61	.2	2.2	1.9	1.2	.9		.3	.1										175	175	243	
60/ 59	.6	1.2	1.8	1.1	.6		.3	.2										145	149	229	
58/ 57	.2	1.3	.9	.5	.5		.0	.0										88	88	185	
56/ 55	.2	.5	1.0	.4	.2		.1											59	60	167	
54/ 53		.7	.4	.2	.1													33	33	94	
52/ 51	.0	.1	.1	.2														12	12	70	
50/ 49		.1		.1														4	4	37	
48/ 47			.0															1	1	16	
46/ 45																				10	
44/ 43																				1	
42/ 41																					
40/ 39																					
38/ 37																					
36/ 35																					
34/ 33																					
TOTAL	4.3	22.6	24.8	21.5	15.0	8.2	2.9	.5	.2										2570		2558
																			2558		2558
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	15895712	198898	77.8	12.973	2558	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90									
Dry Bulb	12098014	179492	68.3	6.678	2570			55.1	23.8	4.3		90									
Wet Bulb	10445800	162656	63.5	6.346	2558			32.5	5.5	.0		90									
Dew Point	9574190	153330	60.7	7.453	2558			22.9	2.0			90									

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

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DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAA

PSYCHROMETRIC SUMMARY

13712 STATION AIRCRAFT WASHINGTON D.C. 43-72 YEARS MONTH JULY

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	
100/ 99																					.1						.0							3	3		
98/ 97																			.2		.1												7	7			
96/ 95																		.3		.1		.1			.0		.1						25	25			
94/ 93													.2	.2	.4	.4	.5	.3	.1														54	54			
92/ 91								.1	.0	.3	.7	1.0	1.3	.8	.3	.1																	121	121			
90/ 89								.2	.2	1.3	1.5	1.2	1.2	.9	.4	.1																	169	169			
88/ 87		.0					.3	.2	1.3	1.5	1.6	1.1	.7	.4	.0													.0					210	210			
86/ 82							.4	.2	.9	2.1	2.1	.9	1.7	.9	.2	.1												.0					233	233			
84/ 83							.5	.6	1.5	2.2	1.8	1.4	1.1	.6	.1	.0																	247	247	3	1	
82/ 81			.0	.1	.2	.2	.7	1.6	1.4	1.1	1.2	.7	.7	.1																			204	205	9	2	
80/ 79		.1	.1	.1	.0	.9	1.5	.9	1.2	1.0	.6	.4	.1																				190	192	56	5	
78/ 77			.2	.7	.7	.9	1.3	1.4	1.2	1.0	1.0	.2	.1																				216	219	93	18	
76/ 75		.2	.7	.5	.8	1.0	1.0	1.1	1.1	1.2	.1																						196	196	204	38	
74/ 73	.1	.4	.5	.5	.6	.7	1.2	1.3	.7	.4	.1																						177	177	297	73	
72/ 71	.1	.4	.3	.5	.5	.5	.9	1.2	.9	.0																								133	134	307	148
70/ 69	.1	.7	.5	.7	.7	.5	.9	.4	.2	.1																							119	121	267	240	
68/ 67	.2	.5	.4	.5	.6	.5	.3	.4	.1																									91	91	278	246
66/ 65	.0	.2	.5	.3	.3	.2	.2	.2	.1																									53	53	216	266
64/ 63	.2	.6	.3	.3	.2	.3	.0	.1	.0																									53	53	215	197
62/ 61	.0	.4	.1	.2	.2	.6	.0																											23	23	182	171
60/ 59	.1	.1	.3	.2	.0																													16	16	181	219
58/ 57	.1	.3	.1																															12	12	124	171
56/ 55	.2		.1																															8	8	77	172
54/ 53	.1	.1																																4	4	42	131
52/ 51																																				6	123
50/ 49																																			5	107	
48/ 47																																					69
46/ 45																																				1	77
44/ 43																																					38
42/ 41																																					22
40/ 39																																					13
38/ 37																																					7
36/ 35																																					8
34/ 33																																					1
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																															
Rel. Hum						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																									
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDRIWS AFB WASHINGTON D C

43-72

YEARS

MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb
100/ 99									.0	.1							4	4		
98/ 97									.3				.0				3	8		
96/ 95								.1	.4	.1	.2	.2	.1				28	78		
94/ 93					.0		.0	.2	.4	.4	.5	.0	.1				45	45		
92/ 91				.0	.0	.0	.2	1.1	1.2	1.0	.9	.2	.1	.1			125	175		
90/ 89				.0	.0	.3	.5	1.4	2.3	1.4	.6	.4	.1	.0			133	183		
88/ 87				.0	.4	.3	1.2	1.7	1.7	1.2	1.0	.4	.1	.0	.0		208	208		
86/ 85			.0	.2	.0	1.0	1.6	1.5	2.0	1.6	1.0	.5	.1				240	241	2	
84/ 83				.1	.4	1.6	1.9	1.9	1.1	1.2	.4	.2					228	276	2	2
82/ 81			.1	.3	.2	1.1	1.8	.9	.9	1.2	.9	.2					197	200	10	2
80/ 79			.1	.7	1.1	1.6	1.2	.7	1.2	1.0	.4	.1					211	212	55	5
78/ 77		.0	.5	.6	.9	.9	1.1	1.3	1.4	1.3	.4	.3	.0				232	236	93	17
76/ 75		.1	.6	1.0	1.0	.7	1.4	1.2	1.3	.6	.1	.1					206	206	194	29
74/ 73	.1	.5	.9	.6	.7	.5	1.1	1.3	1.1	.1	.0	.0					178	179	295	75
72/ 71	.1	.7	.4	.5	.2	.6	.8	.6	.4	.1							115	117	308	164
70/ 69	.1	.9	.2	.8	.8	.6	.7	.5	.2	.0							132	132	342	257
68/ 67	.0	.5	.3	.4	.5	.2	.3	.0	.1								60	60	217	226
66/ 65	.2	.0	.2	.1	.4	.1	.2	.1	.0								52	52	250	248
64/ 63	.1	.2	.5	.1	.3	.2											35	35	210	246
62/ 61	.5	.3	.4	.2	.0	.1	.0										39	39	191	194
60/ 59	.2	.2	.1	.0	.0												14	14	177	163
58/ 57	.0	.2	.0	.0													8	8	111	168
56/ 55	.4	.1															13	13	60	167
54/ 53	.1																2	2	32	149
52/ 51																			12	116
50/ 49																			1	130
48/ 47																			2	70
46/ 45																				58
44/ 43																				30
42/ 41																				17
40/ 39																				13
38/ 37																				7
36/ 35																				4
34/ 33																				4
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C 43-72 JUN 1972
STATION MONTH YEARS

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													
32/ 31																																			2
30/ 29																																			1
TOTAL	.6	5.3	4.7	6.1	7.9	9.8	14.0	14.5	15.4	11.9	6.1	2.7	.7	.2			.0															2563	2575	2564	2564

Element (X)	$\Sigma x'$	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total
Rel. Hum.	8473552	141076	55.0	16.659	2564							
Dry Bulb	16601933	205681	79.9	8.197	2575			84.3	73.5	48.4	3.0	90
Wet Bulb	11869281	173701	67.7	6.300	2564			53.3	22.9	1.6		90
Dew Point	9739479	156539	61.1	8.435	2564			.1	27.3	4.6	.1	90

USAFETAC FORM 0-26-5 (OL A) 1 JUL 64 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETCC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13709 100115 AFB WASHINGTON D C 43-72 JULY 1800-2000
 STATION MONTH YEARS

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																	
96/ 9-												.0	.0																				2	2									
94/ 9-												.1	.1																				3	3									
92/ 91											.2	.1	.1		.0	.0																	10	10									
90/ 89										.1	.2	.2	.3	.2	.2																			32	32								
88/ 87					.2			.6	.5	.3	.2	.1					.0																		63	63							
86/ 85				.2	.5			1.1	.8	.5	.5	.5				.0																				117	117						
84/ 83			.0	.2	1.0			1.4	1.0	.7	.4	.3																									142	142					
82/ 81			.2	.8	2.3			1.6	1.5	.7	.7	.4	.1		.0																							214	214	2			
80/ 77		.1	.4	1.4	2.1			1.8	1.6	.7	.6	.4	.1																									242	242	20	4		
78/ 72		.1	.8	1.4	2.4			1.5	1.3	.7	.5	.2	.0																									229	229	52	9		
76/ 71		.2	1.2	1.0	1.8			1.6	1.4	1.2	.4	.2	.2	.1																								262	264	146	32		
74/ 73		.2	1.1	1.0	2.0			1.5	1.1	.8	.3	.2	.1																									242	242	211	52		
72/ 71	.3	1.8	1.4	.6	1.4			1.4	1.6	.6	.2	.1																										255	257	281	177		
70/ 69	.3	1.5	1.0	1.1	1.2			1.5	.7	.4	.2	.0																										205	206	346	253		
68/ 67	.4	1.1	1.4	1.1	1.4			1.1	.7	.2	.1																											189	192	289	268		
66/ 65	.6	1.6	1.1	1.0	.7			.2	.3	.1																												145	148	250	268		
64/ 63	.1	.5	.5	.6	.7			.3		.0																											68	68	250	233			
62/ 61	.3	.2	.7	.5	.4			.2	.0																												64	64	211	178			
60/ 59		.7	.2	.3	.2			.0	.0																												37	37	179	194			
58/ 57	.1	.5	.2	.1	.1			.0																													18	18	144	186			
56/ 55		.5	.1		.1																																19	19	95	162			
54/ 53		.2	.3	.0																																	6	6	52	149			
52/ 51		.0																																			1	1	21	125			
50/ 49																																						5	5	71			
48/ 47																																						3	3	55			
46/ 45																																									44		
44/ 43																																									17		
42/ 41																																								15			
40/ 39																																								15			
38/ 37																																								5			
36/ 35																																								5			
34/ 33																																								1			
TOTAL	1.6	9.9	11.5	13.0	17.6	16.3	13.3	8.3	4.6	2.6	1.1	.2	.0																											2565	2576	2565	
Element (X)	Σx²		Σx		x̄		sₓ		No. Obs.		Mean No. of Hours with Temperature																																
Rel Hum.	11908838		169900		66.2		16.034		2566		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																										
Dry Bulb	1446684		192119		74.8		7.335		2576				77.4	54.5	24.6	.2	90																										
Wet Bulb	11403792		170327		65.4		6.224		2565				47.5	15.4	.5		90																										
Dew Point	9951220		158452		61.8		7.971		2565				29.5	5.1	.0		90																										

USAF ETCC FORM No. 64 0-26 5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C 44-72

44-72

JUN
MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B. W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point				
88/ 87							.0													1	1			
86/ 85				.1	.1	.2														10	10			
84/ 83				.2	.2	.0	.0	.0	.1											18	18			
82/ 81		.0	.2	.4	.6	.1	.2	.0	.0											38	38			
80/ 79			.8	.8	1.0	.6	.2	.1	.1											89	89	4		
78/ 77		.2	1.3	1.4	1.5	.9	.3	.1	.2											142	142	18	4	
76/ 75		.6	2.4	2.4	1.3	.9	.4	.1												206	206	61	21	
74/ 73	.1	1.4	3.1	2.7	1.4	1.1	.4	.2	.0											262	262	92	62	
72/ 71	.4	3.4	3.4	2.0	1.4	.8	.3	.0	.0											296	296	214	106	
70/ 69	.7	3.6	3.1	2.2	1.5	.8	.2	.1												308	308	317	257	
68/ 67	.7	2.8	2.3	2.1	1.8	.8	.3	.1												274	274	309	267	
66/ 65	1.0	3.0	3.0	2.2	1.3	.6	.4	.0												292	297	294	285	
64/ 63	.2	1.8	1.9	1.4	1.4	.5	.1	.1												188	190	261	253	
62/ 61	.5	1.2	1.7	1.5	.8	.3	.1	.0												152	153	244	207	
60/ 59		1.5	1.2	1.0	.5	.2														111	112	218	198	
58/ 57	.1	.9	.6	.7	.2															60	60	174	199	
56/ 55	.2	.8	.4	.3	.1															47	47	133	192	
54/ 53		.4	.2	.4																24	24	97	157	
52/ 51	.1	.2	.1	.0																10	10	53	103	
50/ 49		.0																		1	1	28	76	
48/ 47																						11	44	
46/ 45																						1	42	
44/ 43																							33	
42/ 41																							15	
40/ 39																							4	
38/ 37																							3	
TOTAL	3.9	21.9	25.5	21.7	15.1	7.5	3.0	.8	.6											2529	2538	2529	2529	
Element (X)	Z _x '	Z _x	X	x _z	No. Obs.	Mean No. of Hours with Temperature						Total												
Rel. Hum.	15660673	196321	77.6	12.900	2529	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb	12174368	175034	69.0	6.375	2538			58.3	27.2	3.9		90												
Wet Bulb	10522145	162373	64.2	6.197	2529			36.1	6.2			90												
Dew Point	9653938	155134	61.3	7.380	2529			25.5	3.1			90												

USAFETAC FORM 0-20-5 (OLA) JUL 63 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDRLWS AFB WASHINGTON D C 43-72 JUL
 STATION STATION NAME YEARS MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B.	TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point																				
84/ 83				.1		.2	.0																									9	9							
82/ 81				.2		.4	.2																										30	30						
80/ 79				.6	1.1	.7	.6	.1	.0																								84	84						
78/ 77			.9	1.7	2.0	1.0	.5	.0																										154	155	6				
76/ 75	.1	2.3	3.3	1.9	1.0	.5	.1	.0																											247	254	64	24		
74/ 73	1.0	7.0	4.7	2.0	1.2	.5	.2		.0																										449	452	216	119		
72/ 71	1.5	7.5	4.3	2.4	1.2	.4	.3		.0																										475	482	477	338		
70/ 69	2.1	5.1	4.3	2.5	.8	.6	.1	.1																											419	435	465	468		
68/ 67	.8	2.8	4.2	2.2	1.0	.4	.2																												330	342	353	334		
66/ 65	.4	2.2	3.3	1.7	.7	.1	.2																												231	252	284	311		
64/ 63	.3	1.3	1.9	1.1	.4	.1	.1	.0																											139	148	283	245		
62/ 61	.0	.6	.8	.6	.1		.0																												61	64	217	230		
60/ 59		.5	.6	.3	.1	.0																													42	46	147	193		
58/ 57		.1	.3	.6																															13	14	98	141		
56/ 55		.0	.0	.0																															3	3	51	116		
54/ 53																																						16	77	
52/ 51																																					7	40		
50/ 49																																					2	19		
48/ 47																																						7		
46/ 45																																						14		
44/ 43																																						7		
42/ 41																																						1		
40/ 39																																						2		
TOTAL	6.1	30.0	30.2	18.2	9.5	4.2	1.6	.2	.1																												2686	2770	2686	
Element (X)	Σx²		Σx		̄x	σx	No. Obs.	Mean No. of Hours with Temperature						Total																										
Rel. Hum.	18671846		221932		82.6	11.436	2686	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																										
Dry Bulb	13880686		195658		70.6	4.672	2770			75.2	33.0	2.5		93																										
Wet Bulb	12108531		179849		67.0	4.966	2686			54.7	9.9			93																										
Dew Point	11425690		174426		64.9	6.061	2686			44.4	5.0			93																										

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C
STATION STATION NAME

43-72
YEARS

JUL
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
84/ 83																		1	1		
82/ 81				.0	.0	.0												2	3		
80/ 79		.0	.2	.6	.2	.2												33	33		
78/ 77		.3	.8	1.1	.5	.1												76	76	1	
76/ 75	.1	2.0	2.9	1.0	.7	.2	.0											189	190	33	18
74/ 73	.6	6.0	4.0	1.2	.4	.1												328	332	131	75
72/ 71	2.3	9.0	4.2	2.6	.8	.2	.0											511	517	426	287
70/ 69	2.6	7.5	4.0	1.8	.5	.5	.1	.0										459	472	454	444
68/ 67	1.1	4.1	3.9	1.5	.6	.0	.0	.0										304	321	379	364
66/ 65	.9	4.0	3.6	1.5	.8	.1	.1											294	309	313	314
64/ 63	.1	3.1	3.3	1.0	.4	.3	.0											222	235	277	249
62/ 61	.0	1.6	1.9	.6	.2	.1	.1											119	127	227	263
60/ 59	.0	.9	1.0	.7	.1	.1												76	79	184	202
58/ 57		.7	.6	.5	.1	.0												53	59	113	132
56/ 55		.3	.1	.1														14	14	76	124
54/ 53			.0															1	1	41	91
52/ 51																				24	50
50/ 49																				4	28
48/ 47																					20
46/ 45																					6
44/ 43																					8
42/ 41																					8
TOTAL	7.9	39.5	30.4	14.1	5.6	2.0	.4	.1	.0									2683	2769	2683	2683
Element (X)	Σ X ²		Σ X		Σ X		Σ X		No. Obs.		Mean No. of Hours with Temperature					Total					
Rel. Hum.	19875801		229271		85.5		10.288		2683		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					
Dry Bulb	13228206		190928		69.0		4.784		2769				65.3	21.3	.5		93				
Wet Bulb	11768149		177139		66.0		5.215		2683				49.4	5.7			93				
Dew Point	11204854		172592		64.3		6.178		2683				41.2	3.2			93				

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C

43-72

YEARS

JUL
 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																			
90/ 89												.0																						1	1					
88/ 87							.2	.0																										6	6					
86/ 85						.4	.4	.2	.1																									24	24					
84/ 83					.2	.4	.3	.4	.0																									36	36					
82/ 81			.1	.9	.6	.9	.1	.1																										75	75					
80/ 79			.7	2.1	1.4	1.2	.6	.0																										162	162					
78/ 77		.6	2.4	2.6	1.8	.7	.2	.0	.0																									223	225	26	3			
76/ 75	.0	2.2	4.4	2.6	2.2	.9	.3	.1	.0																									346	351	108	30			
74/ 73	.9	5.1	3.8	2.8	1.9	.8	.4	.0																										422	433	287	166			
72/ 71	1.3	5.3	4.1	2.3	2.1	.9	.1	.1																										437	458	463	353			
70/ 69	1.0	3.2	3.6	2.4	1.6	1.0	.4	.1	.0																									360	376	444	387			
68/ 67	.5	2.0	2.4	2.3	1.1	.3	.1	.0																										236	247	353	354			
66/ 65	.4	1.9	2.2	1.2	.9	.3	.1																											187	195	283	319			
64/ 63	.1	.7	1.0	.8	.3	.2	.1																											86	91	263	247			
62/ 61	.0	.6	.6	.4	.1	.0																												47	50	192	232			
60/ 59		.3	.3	.1	.2	.1																												26	26	122	188			
58/ 57		.0	.1	.1	.1																													9	11	75	130			
56/ 55																																				34	108			
54/ 53																																				22	70			
52/ 51																																				7	36			
50/ 49																																				3	26			
48/ 47																																					11			
46/ 45																																					8			
44/ 43																																					12			
42/ 41																																					2			
TOTAL	4.3	22.0	22.0	21.1	14.7	8.2	3.1	.7	.1			.0																							2768	2768				
																																				2682		2682		

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	17124043	211675	79.0	12.391	2681	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	14512738	199930	72.2	5.101	2768			80.5	44.1	7.3		93
Wet Bulb	12325237	181315	67.6	5.019	2682			58.3	14.6			93
Dew Point	11468933	174607	65.1	6.151	2682			44.8	6.9			93

USAF ETAC FORM 0-26-5 (OL A) JUL 64 REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C 43-72

JUL MONTH
YEARS

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															
96/ 95									.0	.0	.1	.1						6	6																	
94/ 93								.1	.2	.1	.2	.1						21	21																	
92/ 91						.0	.0	.5	.4	.4	.0	.2	.0					45	45																	
90/ 89						.1	.6	.7	.7	.5	.1	.1						79	79																	
88/ 87					.1	.8	1.9	1.3	1.1	.4	.0	.1	.0					154	154																	
86/ 85		.0		.0	1.1	2.2	2.6	1.8	.8	.4	.1	.1						245	248																	
84/ 83			.3	1.9	2.7	2.8	1.5	.6	.3	.2	.0							276	283	1	1															
82/ 81		.0	.2	1.6	3.1	2.5	2.0	1.4	.7	.3	.1							318	323	1																
80/ 79		.1	1.1	2.9	2.6	2.9	2.1	1.5	1.0	.4	.1							395	408	17	1															
78/ 77		.3	1.3	2.5	1.9	2.1	1.5	1.6	.6	.1								322	337	136	10															
76/ 75		1.0	1.9	1.4	1.6	2.0	2.1	.9	.5	.2	.0							312	326	339	50															
74/ 73	.1	.9	1.4	1.3	1.2	1.0	.7	.1	.0	.0								212	222	463	218															
72/ 71	.3	1.0	.5	.9	.9	.9	.5	.3	.1	.0								147	154	431	366															
70/ 69	.1	.7	.5	.7	.3	.1	.3	.1	.0									74	76	355	354															
68/ 67	.1	.3	.6	.2	.2	.1	.1	.1										45	48	273	336															
66/ 65	.1	.4	.1	.2	.1													25	25	261	286															
64/ 63		.0	.0				.3											3	3	213	247															
62/ 61							.0											1	1	92	188															
60/ 59		.0																1	1	63	170															
58/ 57		.1																2	2	23	150															
56/ 55																				10	108															
54/ 53																			4	65																
52/ 51																			2	46																
50/ 49																				42																
48/ 47																				15																
46/ 45																				10																
44/ 43																				6																
42/ 41																				4																
40/ 39																				2																
38/ 37																				1																
36/ 35																				1																
TOTAL	.7	4.8	7.6	12.1	15.0	17.5	17.6	12.6	7.0	3.2	1.0	.7	.1						2762		2683															
																			2684		2684															
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.	11255173	169457	63.1	14.400	2684	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb	17525854	219450	79.5	5.704	2762			91.9	82.6	46.9	.9	93																								
Wet Bulb	13207489	187829	70.0	4.847	2684			69.9	33.2	.2		93																								
Dew Point	11518776	174896	65.2	6.630	2683			46.3	9.7	.0		93																								

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C

43-72

JUL

STATION

STATION NAME

YEARS

MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
102/101															.0			1	1		
100/ 99															.1			4	4		
98/ 97										.0	.1	.3	.1				22	22			
96/ 95								.0	.2	.4	.4	.3	.1	.1			45	45			
94/ 93							.0	.3	.9	.9	.3	.4	.4				90	91			
92/ 91							.2	1.1	1.7	1.5	1.0	.6	.2				171	172			
90/ 89				.0	.0	.2	1.6	2.4	2.3	1.5	.9	.4	.1				255	258			
88/ 87				.1	.4	1.3	2.4	2.7	2.2	1.6	1.1	.3	.1				325	331			
86/ 85				.1	.8	2.8	2.8	2.6	2.1	1.6	.7	.3	.0				372	380			
84/ 83			.0	.4	1.5	1.5	2.1	1.2	1.9	.9	.7	.1					278	289	1		
82/ 81			.1	1.0	1.7	1.4	1.5	1.5	1.8	1.4	.9	.2	.0				307	317	8	1	
80/ 79		.0	.3	1.0	1.3	1.1	1.6	1.4	1.7	1.0	.3	.1					270	284	60	3	
78/ 77		.3	.6	.7	.6	.8	.7	1.0	.9	.7	.2	.0					175	186	243	19	
76/ 75	.0	.4	.9	.5	.7	.9	.6	.2	.1	.1							139	147	411	62	
74/ 73		.4	.6	.6	.6	.6	.1	.1	.1	.0							90	94	412	210	
72/ 71	.1	1.0	.4	.4	.4	.1	.0	.1	.0								69	72	401	334	
70/ 69	.0	.3	.3	.1	.2	.1		.0	.1								35	36	316	304	
68/ 67		.1	.1	.1		.0			.0								14	14	271	294	
66/ 65		.2	.1														9	9	223	267	
64/ 63																			183	220	
62/ 61		.1															4	4	84	224	
60/ 59																		1	41	187	
58/ 57																			13	162	
56/ 55																			5	113	
54/ 53																			3	82	
52/ 51																				73	
50/ 49																				51	
48/ 47																				28	
46/ 45																				19	
44/ 43																				8	
42/ 41																				7	
40/ 39																				6	
38/ 37																				1	
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C

43-72

JUL
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															
TOTAL	.2	3.0	3.7	5.3	8.7	11.0	13.8	15.1	16.2	11.7	6.9	3.0	1.4	.3	.0			2675	2757	2675	2675															

Element (X)	Σ X ²	Σ X	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F		≥ 93 F
Rel. Hum.	8580174	145998	54.6	15.126	2675							
Dry Bulb	19331518	230230	83.5	6.190	2757			92.5	88.4	69.9	5.5	93
Wet Bulb	13501404	189588	70.9	4.913	2675			73.8	39.5	.9		93
Dew Point	11.03761	172513	64.5	7.191	2675			42.7	10.3	.1		93

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C 43-72 Jul
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															
102/101															.0	.0																7	2		
100/ 99															.0	.1	.1															10	10		
98/ 97															.3	.1	.2															22	22		
96/ 95															.1	.1	.1															39	39		
94/ 93															.3	.7	.9															99	99		
92/ 91															.2	1.0	1.7	1.3	1.1	.4	.1	.0										156	159		
90/ 89															.0	.2	1.3	2.4	2.5	1.8	1.0	.5	.1									264	264		
88/ 87															.3	1.2	2.5	2.0	2.3	1.7	1.2	.6	.1									319	326		
86/ 85			.0	.0	.0	.9	2.4	2.1	2.6	1.6	1.4	1.1	.4																			340	347		
84/ 83			.1	.6	1.3	2.0	1.5	1.6	1.9	1.3	.7	.2	.1	.0																		308	319	1	1
82/ 81			.1	1.0	1.7	1.3	1.5	1.5	1.6	1.6	1.0	.3	.1																			316	323	3	1
80/ 79			.1	.6	1.3	1.4	1.4	1.2	1.4	1.4	.6	.4	.1	.0																		265	278	67	4
78/ 77		.0	.6	.8	.8	.6	.8	1.3	.8	.5	.4	.1																				180	192	231	13
76/ 75		.0	.5	.8	.4	.4	.9	.7	.2	.3	.1																					117	124	409	79
74/ 73		.0	1.1	1.2	.7	.3	.3	.1	.2	.1	.1																					112	113	414	208
72/ 71		.3	.7	.5	.2	.3		.0																								55	60	411	338
70/ 69		.4	.7	.4	.2	.1	.0																									51	54	350	327
68/ 67		.0	.4	.0	.1	.1																										18	18	275	274
66/ 65			.2	.0	.0	.0																										9	10	245	292
64/ 63			.2																													5	5	159	218
62/ 61			.2																													5	5	71	204
60/ 59																																		47	199
58/ 57																																		9	155
56/ 55																																	3	117	
54/ 53																																			94
52/ 51																																			6
50/ 49																																			42
48/ 47																																			25
46/ 45																																			15
44/ 43																																			9
42/ 41																																			8
40/ 39																																			4
38/ 37																																			2
Element (X)	Σ X ²		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature						Total																		
Rel Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																		
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

2
 USAFETAC FORM 0 26-5 (OL A) JUL 64 REVID PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

STATION 13705 ANDREWS AFB WASHINGTON D C STATION NAME 43-72 YEARS MONTH JUL
 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
TOTAL	.8	4.7	4.7	5.4	7.6	10.6	12.4	13.6	14.7	11.8	8.0	3.5	1.3	.4	.2		2695	2774	2695	2695
Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total								
Ref. Hum.	9057943	149617	55.516704	2695	≤ 0 F	≤ 32 F	> 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93									
Dry Bulb	19395162	231282	83.4	6.357	2774			92.3	87.9	69.4	5.8	93								
Wet Bulb	13622750	191180	70.9	4.746	2695			74.6	38.8	.7		93								
Dew Point	11403581	174241	64.7	7.165	2695			43.0	10.6	.1		93								

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14705 ANDREWS AFB WASHINGTON D.C. 43-72 JUL 1953
 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					
98/ 97											.0		.0								2	2			
96/ 95											.0		.0								5	5			
94/ 93											.1		.0								4	4			
92/ 91											.1	.3	.1	.2	.1						25	25			
90/ 89								.1	.3	.6	.3	.3	.1								44	46			
88/ 87						.1	.7	.9	1.1	.9	.4	.1		.0							116	116			
86/ 85			.0	.1	.7	1.2	1.3	1.2	.9	.3	.1	.1									161	161			
84/ 83			.0	.7	1.8	2.3	1.8	1.3	.5	.6	.2		.0								244	247			
82/ 81		.0	.5	1.5	2.5	2.2	1.5	1.0	.5	.3	.2	.1	.1								282	295	1		
80/ 79		.1	1.6	2.9	2.6	2.3	1.6	1.1	1.1	.4	.1	.1	.0								379	388	28	1	
78/ 77	.0	.8	2.5	2.2	2.0	1.9	1.6	.9	.3	.1	.1										337	345	120	15	
76/ 75	.1	1.7	3.0	1.9	1.8	2.0	1.0	.7	.4	.1											349	359	282	97	
74/ 73	.4	2.8	2.1	1.3	1.3	1.6	1.1	.4	.1	.1											303	313	460	227	
72/ 71	.4	2.4	1.5	1.4	1.3	.6	.4	.1	.1	.0											219	235	451	384	
70/ 69	.7	1.0	.8	.8	.4	.4	.2	.1	.0												118	124	400	390	
68/ 67	.0	.9	.4	.4	.2	.1															24	64	287	301	
66/ 65	.0	.3	.3	.2	.1	.1															29	30	273	272	
64/ 63		.1	.1																		4	4	186	221	
62/ 61	.0	.2	.1																		8	8	102	211	
60/ 59		.0																			1	1	59	164	
58/ 57																							25	135	
56/ 55																							9	96	
54/ 53																							1	55	
52/ 51																								46	
50/ 49																								27	
48/ 47																								19	
46/ 45																								4	
44/ 43																								6	
42/ 41																								11	
40/ 39																								1	
38/ 37																								1	
TOTAL	1.8	10.3	12.9	13.5	15.0	15.7	11.6	8.9	5.6	3.0	1.0	.4	.2										2762	2684	
																							2684	2684	
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																			
Rel. Hum.	12964251	181393	67.6	16.212	2684	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	93 F	Total													
Dry Bulb	16899019	215485	78.0	5.625	2762			91.6	77.3	37.4	.4	93													
Wet Bulb	13170580	187596	69.9	4.678	2684			70.3	30.9	.2		93													
Dew Point	11700433	176319	65.7	6.620	2684			49.0	11.8	.0		93													

USAF ETAC FORM 0-26.5 (OL A) JUL 54 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C

43-72

YEARS

JUL
 MONTH

PAGE 1 2100-2300
 HOURS (L S T)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89							.0		.0	.0								3	3		
88/ 87						.1		.0										3	3		
86/ 85					.2	.1	.1	.1	.0									16	16		
84/ 83				.3	.2	.3	.5	.1		.0								39	39		
82/ 81			.3	.3	1.2	.5	.4	.1	.0									74	74		
80/ 79		.1	1.5	2.9	1.9	1.2	.3	.2	.1	.0								219	220	2	
78/ 77	.0	1.0	2.5	3.1	1.9	.8	.3	.2	.1									268	272	34	7
76/ 75		3.5	3.6	3.6	1.7	1.0	.4	.1	.1									380	384	121	44
74/ 73	.5	5.3	3.4	2.9	2.2	1.2	.3	.1										428	433	343	196
72/ 71	1.0	3.9	3.5	3.0	2.2	1.0	.4	.0	.0									461	480	488	363
70/ 69	1.5	3.3	2.6	2.6	2.0	1.0	.3	.1	.0									357	373	449	449
68/ 67	.2	1.6	2.8	1.8	.9	.5	.1	.1										218	236	319	330
66/ 65	.2	1.2	1.7	.9	.6	.4	.0											132	139	290	279
64/ 63	.1	.7	.6	.4	.2	.1	.0											51	56	273	256
62/ 61		.2	.6	.2	.0													28	30	173	221
60/ 59		.2	.1	.0	.0													9	9	106	176
58/ 57		.0	.0															2	2	53	138
56/ 55																				27	82
54/ 53																				6	62
52/ 51																				2	43
50/ 49																					17
48/ 47																					12
46/ 45																					5
44/ 43																					3
42/ 41																					3
40/ 39																					2
TOTAL	3.6	22.8	23.1	21.9	15.4	8.1	3.1	1.3	.5	.1								2688	2769	2688	2688
Element (X)	Σ x ²		Σ x		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature					Total					
Rel. Hum.	17003604		210974		78.5		12.866		2688		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F					
Dry Bulb	14787224		201928		72.9		4.722		2769				85.1	48.5	8.0		93				
Wet Bulb	12544336		183180		68.1		4.769		2688				60.8	17.3			93				
Dew Point	11662870		176308		65.6		6.060		2688				48.1	8.5			93				

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

13705 STATION ANDREWS AFB WASHINGTON D C 43-71 YEARS MONTH AUG

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														
86/ 85							.0											1	1																
84/ 83						.0												2	2																
82/ 81				.2	.3	.2												16	16																
80/ 79		.0	.7	.3	.3	.2												39	39																
78/ 77		.6	1.5	.8	.7	.4	.0	.0										107	107	4															
76/ 75	.1	2.2	2.9	1.4	.5	.3	.2	.0	.1									194	204	53	16														
74/ 73	.8	5.0	4.7	2.6	.8	.6	.1	.0										402	419	171	119														
72/ 71	1.2	7.1	3.7	1.3	1.2	.3	.0											387	410	333	244														
70/ 69	.9	6.7	4.9	1.7	1.2	.3	.0											408	431	436	346														
68/ 67	1.1	4.7	3.7	2.6	.5	.2												316	324	353	377														
66/ 65	.5	3.4	2.4	1.7	.6	.3												239	242	311	302														
64/ 63	.3	2.9	2.0	.8	.5	.1												174	175	268	272														
62/ 61	.3	1.8	1.2	1.5	.4	.0												136	138	204	204														
60/ 59	.1	.9	1.3	.9	.3	.1												93	94	172	192														
58/ 57	.2	.7	.9	.2	.1	.0												54	54	109	159														
56/ 55	.1	.3	.4	.0														21	21	107	127														
54/ 53		.2	.0															7	7	46	84														
52/ 51		.1	.0															3	3	26	78														
50/ 49		.0	.0															2	2	4	50														
48/ 47																				4	14														
46/ 45																					13														
44/ 43																					1														
40/ 39																					2														
38/ 37																					1														
TOTAL	5.7	37.4	30.1	15.6	7.4	3.0	.5	.1	.1									2601	2689	2601	2601														

Element (X)	$\sum x^2$	$\sum x$	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	18721336	218960	84.2	10.536	2601	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	12973173	186249	69.3	5.210	2689			67.5	27.3	.9		93
Wet Bulb	11368578	171368	65.9	5.475	2601			48.3	8.2			93
Dew Point	10773150	166574	64.0	6.366	2601			39.4	4.8			93

USAFETAC FORM 0-4 JUL 64 D 26-5 (D.L.A.) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C 43-71

AUG
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
82/ 81					.1			.0										3	3					
80/ 79			.2	.2	.0	.0	.0	.0										12	12					
78/ 77		.1	.6	.5	.2	.1	.0											41	41					
76/ 75	.2	1.8	1.3	1.2	.3	.1	.0											125	125	19	6			
74/ 73	.9	4.6	2.9	1.1	.3	.2												261	273	117	74			
72/ 71	1.7	8.7	3.6	.9	.4	.1	.1											403	424	278	215			
70/ 69	2.4	7.7	3.6	1.6	.7	.4	.1											431	460	401	360			
68/ 67	1.5	5.8	3.8	1.5	.6	.1												343	357	358	334			
66/ 65	1.5	5.1	2.8	1.3	.6	.2	.0											299	364	334	306			
64/ 63	.8	2.8	2.0	1.0	.3	.0												209	214	275	278			
62/ 61	.6	2.7	2.2	.8	.3	.0												173	176	226	227			
60/ 59	.3	1.8	1.9	.8	.2													133	134	188	194			
58/ 57	.2	1.2	1.1	.5	.1													79	79	160	166			
56/ 55	.3	.9	.2	.2		.0												51	51	108	152			
54/ 53	.1	.4	.4	.1	.0													26	26	71	95			
52/ 51	.0	.2	.0	.0	.0													7	7	45	86			
50/ 49			.1															3	3	11	50			
48/ 47		.0																1	1	5	35			
46/ 45																				3	15			
44/ 43																				1	2			
42/ 41																					2			
38/ 37																					3			
TOTAL	10.6	44.7	27.1	11.5	4.4	1.3	.3	.1										2600	2690	2600	2600			

Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs	Mean No. of Hours with Temperature						
Rel. Hum.	19799590	225378	86.7	9.916	599	≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	12377674	181920	67.6	5.272	2690			58.6	15.7	.2		93
Wet Bulb	11032241	168721	64.9	5.667	2600			42.0	4.9			93
Dew Point	10531925	164611	63.3	6.508	2600			35.4	2.9			93

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13703 ANDREWS AFB WASHINGTON D.C. 43-71
STATION STATION NAME YEARS MONTH

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

FORM 0-26-5 (OL A) JUL 64
 REVISIONS PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAF/ETAC

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B. W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		>31	Dry Bulb	Wet Bulb	Dew Point
88/ 87					.0	.0	.1											1	1		
86/ 85					.0	.0	.1											5	5		
84/ 83					.0	.1	.2		.0	.0								12	12		
82/ 81				.0	.4	.3	.2	.1										28	28		
80/ 79		.0	.3	.8	.6	.5	.1	.1	.0									63	68	1	
78/ 77		.6	2.2	1.7	1.0	.3	.3	.0										159	164	7 3	
76/ 75	.0	2.3	3.3	1.9	1.0	.5	.1											237	249	63 16	
74/ 73	.4	5.0	3.8	2.2	1.0	.5	.2	.1										340	357	195 110	
72/ 71	1.0	7.5	3.6	2.0	1.3	.8	.0	.0										429	449	357 259	
70/ 69	1.5	5.2	3.6	2.2	1.1	.6	.2											382	398	434 396	
68/ 67	.8	3.4	3.6	1.7	1.4	.7	.1											304	309	307 321	
66/ 65	.9	2.5	2.2	1.7	1.2	.3	.0											230	233	302 287	
64/ 63	.6	1.9	2.3	1.0	.6	.2												170	172	265 245	
62/ 61	.3	1.4	.8	.8	.5	.1												101	103	212 210	
60/ 59	.1	.5	.7	.2	.2	.0	.0											59	59	180 205	
58/ 57	.1	.4	.3	.3	.1	.0	.0											44	44	121 147	
56/ 55		.2	.4	.0		.0												18	18	62 130	
54/ 53		.2	.1															7	7	46 87	
52/ 51		.1	.0		.0													4	4	30 73	
50/ 49			.0															1	1	6 44	
48/ 47																				4 33	
46/ 45																				1 19	
44/ 43																				1 5	
38/ 37																					3
36/ 35																					1
TOTAL	5.9	41.2	27.5	17.6	10.7	5.6	1.2	.3	.1	.0								2594	2661	2594	
Element (X)	Σx²	Σx	Σ	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel Hum.	17763544	212404	81.9	11.966	2594	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	13731623	187793	70.0	5.377	2681			70.8	30.7	2.7		93									
Wet Bulb	11415267	171469	66.1	5.582	2594			48.9	9.5	.0		92									
Dew Point	10712178	163794	63.9	6.676	2594			39.6	4.6			93									

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C 43-71

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
96/ 95																		1	1		
94/ 93						.0	.0	.0	.2	.1								12	12		
92/ 91			.0		.0			.2	1	.1								11	13		
90/ 89			.0		.2	.1	.5	.7	.4	.2								61	67		
88/ 87					.1	.5	1.3	.9	.5	.5	.1							101	105	1	1
86/ 85				.0	.4	1.7	1.8	1.2	.7	.4	.2							166	172	2	
84/ 83			.0	.5	1.6	2.4	1.6	1.1	.5	.5	.0							216	227	3	1
82/ 81			.2	1.5	2.6	2.8	1.2	.9	.4	.3	.2							261	268	4	
80/ 79		.2	1.2	2.6	2.8	1.8	1.8	1.1	.5	.2								319	330	12	7
78/ 77		.4	2.0	2.4	2.7	2.0	1.7	1.0	.6	.1								336	343	95	8
76/ 75	.0	1.0	2.4	1.7	2.0	1.9	1.7	1.4	.4	.2								330	344	267	53
74/ 73	.0	1.1	1.6	1.4	1.8	2.3	1.3	.8	.2	.0								277	282	373	186
72/ 71	.4	1.5	1.3	1.0	1.3	1.0	1.3	.5	.1									217	224	390	308
70/ 69	.3	.8	.7	.6	.7	1.3	.7	.1	.0	.0								137	137	378	335
68/ 67	.3	.7	.7	.4	.5	.6	.5	.0										95	95	271	335
66/ 65	.1	.5	.2	.2	.4	.3	.2	.0										51	51	261	238
64/ 63	.1	.1	.0			.1	.0											9	9	205	209
62/ 61		.3		.0	.0	.0												10	10	152	211
60/ 59					.1	.1												4	4	104	171
58/ 57																				54	144
56/ 55																				26	110
54/ 53																				10	101
52/ 51																				3	84
50/ 49																				1	55
48/ 47																				1	27
46/ 45																					15
44/ 43																					7
42/ 41																					3
40/ 39																					1
38/ 37																					3
TOTAL	1.3	6.6	10.4	12.4	17.2	18.8	15.6	10.0	4.6	2.5	.6	.0	.1					2613	2694	2613	2613
Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	11753996	171000	65.4	14.687	2613	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93									
Dry Bulb	16360204	209324	77.7	5.962	2694			90.4	74.7	36.1	.4	93									
Wet Bulb	12501291	180193	69.0	5.364	2613			63.9	26.9	.6		93									
Dew Point	10980044	168358	64.4	7.125	2613			43.9	9.1	.2		93									

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDRIWS AFB WASHINGTON D C 43-71 AUG
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															
100/ 99															.0	.1																	3	3	
98/ 97				.0											.0	.1																	11	11	
96/ 95					.0	.1	.1								.0	.1																	39	34	
94/ 93					.0	.1	.1	.2	.4	.5	.4	.3	.2		.0																		50	60	
92/ 91					.1	.1	.4	1.1	1.2	.9	.6	.5	.2																				129	134	1
90/ 89					.0	.2	1.0	2.1	1.8	.9	1.1	.4	.1																				198	206	1
88/ 87				.0	.2	.8	2.2	1.8	1.8	1.0	.7	.3	.0																				228	236	3
86/ 85				.2	.8	2.2	2.5	1.8	2.0	.8	.7	.1	.0																				293	306	6
84/ 83			.0	.4	1.4	2.5	2.2	2.3	1.3	1.2	.9	.1																					309	318	4
82/ 81		.0	.2	1.1	1.5	1.6	2.4	1.7	1.3	.7	.2																						280	283	6
80/ 79		.1	.8	1.0	1.0	1.6	2.3	1.7	1.3	.9	.3	.0																					288	300	52
78/ 77		.3	.6	.8	1.1	1.0	1.4	1.6	1.3	.7	.1	.1																					234	244	178
76/ 75		.3	.7	1.4	.7	1.1	.8	1.7	.8	.3	.2																						212	214	355
74/ 73	.0	.4	.7	.5	.6	.4	1.2	.7	.6	.1																							137	137	331
72/ 71	.2	.8	.7	.3	.2	.2	.3	.7	.0	.0																							90	90	327
70/ 69	.3	.6	.1	.1	.2	.2	.1	.3																									49	49	405
68/ 67	.1	.4	.1	.1	.1	.0	.1	.2																									29	29	256
66/ 65		.4	.2	.1																													17	17	234
64/ 63	.0	.2						.0																									6	6	172
62/ 61	.0	.1																															3	3	146
60/ 59																																			59
58/ 57																																		44	
56/ 55																																		16	
54/ 53																																		3	
52/ 51																																		1	
50/ 49																																			84
48/ 47																																			58
46/ 45																																			39
44/ 43																																			34
42/ 41																																			7
40/ 39																																			6
TOTAL	.8	3.5	4.0	6.2	8.0	12.1	17.3	17.8	14.0	8.2	5.1	1.9	.7	.1	.2																		2599	2680	2599
Element (X)	Σx²		Σx		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature						Total																		
Rel. Hum	8832247		146229		56.3		15.259		2599		≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																		
Dry Bulb	18142883		219837		82.0		6.406		2680				92.1	86.3	81.4	3.7	93																		
Wet Bulb	12809872		181922		70.0		5.405		2599				68.8	33.5	1.5		93																		
Dew Point	10746231		165937		63.8		7.642		2599				39.8	9.8	.6		93																		

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C 43-71

STATION MONTH
 YEARS

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
100/ 99						.1										.0	.0	5	5			
98/ 97					.0	.1						.1	.1	.1	.0	.0		12	13			
96/ 95					.1	.0	.0				.2	.2	.1	.0				23	28			
94/ 93							.1	.2	.7	.5	.2	.2	.2	.0				53	59			
92/ 91				.0	.0	.0	.2	.6	1.5	.6	.5	.5	.3	.2				115	123			
90/ 89				.0	.0	.3	1.1	1.9	1.4	1.0	1.1	.5	.2					201	207	5		
88/ 87				.0	.2	1.1	1.9	2.1	1.5	1.3	.5	.3						233	246	4	3	
86/ 85				.2	.8	2.1	2.7	1.9	1.4	1.3	.6	.2	.0	.0				292	300	3	0	
84/ 83			.1	.7	1.2	2.2	2.0	1.7	1.3	1.0	.5	.1						285	296	3	1	
82/ 81			.2	1.5	2.1	1.6	1.7	1.5	1.2	1.0	.3	.2						296	303	7	5	
80/ 79		.1	.6	1.4	1.6	2.2	2.0	2.2	1.3	1.2	.3	.0						339	345	47	2	
78/ 77	.0	.3	.7	1.0	1.2	1.7	1.5	1.3	1.0	.7	.1							265	270	186	18	
76/ 75	.0	.3	1.0	.9	1.3	.7	1.2	.8	.6	.4								192	195	347	87	
74/ 73	.1	.6	.7	.4	.5	.6	.8	.5	.7	.1								127	130	332	176	
72/ 71	.2	.9	.6	.2	.2	.5	.2	.3	.0									80	80	361	270	
70/ 69	.3	.6	.3	.0	.1	.1		.3	.2									53	53	393	316	
68/ 67	.1	.3	.1	.0	.2													17	17	285	261	
66/ 65		.3	.3	.0														16	16	218	237	
64/ 63	.1	.2																7	7	178	244	
62/ 61		.0																1	1	140	179	
60/ 59		.0																1	1	52	180	
58/ 57																			38	171		
56/ 55																			11	135		
54/ 53																			2	88		
52/ 51																					90	
50/ 49																					45	
48/ 47																					50	
46/ 45																					25	
44/ 43																					16	
42/ 41																					6	
40/ 39																					1	
TOTAL	.8	3.5	4.6	6.5	9.5	13.5	15.6	15.4	13.5	9.0	4.3	2.4	.8	.4	.0	.1	.0	2612	2695	2612		
Element (X)	Σx^1	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total											
Rel Hum.	9077932	148374	56.8	15.773	2612	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb	18251867	221145	82.1	6.251	2695			92.1	87.0	61.4	3.6	93										
Wet Bulb	12919498	183182	70.1	5.279	2612			70.2	33.3	1.4		93										
Dew Point	10668996	167304	64.1	7.651	2612			40.8	10.6	.5		93										

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C 43-71 AUG MONTH

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

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	5-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
96/ 95													.0					1	1			
94/ 93													.0					1	1			
92/ 91				.0	.1			.0	.1			.0						8	8			
90/ 89						.2	.3	.1	.1	.1	.1	.0						23	25			
88/ 87				.1	.1	.3	.3	.2	.0	.1	.0							36	39			
86/ 85			.0	.1	.7	1.2	.7	.8	.5	.3	.2	.1						120	124	1		
84/ 83		.0	.2	.7	1.2	1.7	1.0	1.0	.4	.2	.1							171	183	2	1	
82/ 81		.3	1.7	2.5	1.6	1.2	.7	.2	.3									220	227	4	2	
80/ 79		.1	1.5	3.1	2.1	2.1	1.2	.7	.3	.2	.0	.0						294	306	12	4	
78/ 77		.7	2.6	2.8	2.4	1.6	1.1	.9	.4	.3								334	346	84	13	
76/ 75	.2	1.3	3.1	3.0	2.6	1.4	1.0	1.2	.3	.0								368	383	221	66	
74/ 73	.2	2.1	2.9	2.9	1.3	1.3	.8	.4	.2									317	325	339	204	
72/ 71	.3	2.5	1.9	1.6	1.6	1.3	.6	.5	.0									272	278	384	307	
70/ 69	.3	1.7	1.3	2.0	1.5	.9	.4	.2		.0								214	215	434	318	
68/ 67	.5	.6	.5	1.1	.5	.5	.3	.0										107	108	330	344	
66/ 65	.3	.3	.3	.7	.4	.3	.0											59	59	232	290	
64/ 63	.1	.6	.2	.3	.1	.0												34	34	210	221	
62/ 61	.1	.2	.1	.2	.2													20	20	167	193	
60/ 59		.0	.1			.0												5	5	101	159	
58/ 57		.1																3	3	56	140	
56/ 55																				22	107	
54/ 53																				6	93	
52/ 51																				1	63	
50/ 49																				1	39	
48/ 47																					25	
46/ 45																					10	
44/ 43																					4	
42/ 41																					1	
40/ 39																					1	
38/ 37																					1	
TOTAL	1.9	10.2	15.0	20.2	17.2	14.4	8.8	7.1	2.8	1.5	.5	.3	.0						2607	2690	2607	2607
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature																
Rel. Hum.	13441452	183076	70.2	14.982	2607	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb	13667893	204725	76.1	5.691	2690			88.8	68.0	26.8	.1	93										
Wet Bulb	12388424	179212	68.7	5.143	2607			64.6	23.7	.4		93										
Dew Point	11123855	169367	65.0	6.806	2607			44.9	10.4	.2		93										

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C 43-71

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
82/ 01						.0	.0											2	2		
80/ 79				.0	.1	.0	.0											6	6		
78/ 77		.2	.3	.5	.3	.0												35	35		
76/ 75		1.0	1.5	.6	.3	.0												90	90	12	3
74/ 73	.3	2.7	2.1	.5	.5	.1	.0	.0	.0									167	167	67	35
72/ 71	.8	3.8	1.5	.8	.3	.2	.0	.0	.0									194	196	169	139
70/ 69	1.4	4.6	1.7	1.0	.5	.3	.0	.1										243	249	219	178
68/ 67	1.3	4.0	2.0	.7	.3	.2	.2	.0										228	228	218	211
66/ 65	1.6	3.9	2.7	.8	.5	.2	.2											256	256	219	212
64/ 63	.6	2.7	2.5	1.0	.5	.2												193	193	204	187
62/ 61	.8	4.0	2.6	1.2	.3	.1	.0											233	233	200	176
60/ 59	.8	3.7	2.7	1.7	.3	.1	.0											243	243	238	188
58/ 57	.3	3.1	2.5	1.0	.2	.1												188	188	201	210
56/ 55	.2	2.9	2.2	1.0	.1	.0												167	167	214	178
54/ 53	.3	1.5	1.6	.5	.1	.1												104	104	190	189
52/ 51		1.2	1.4	.9	.2													97	97	123	155
50/ 49		1.1	1.0	.3		.0												64	64	115	135
48/ 47	.1	.8	.5	.3														44	44	76	116
46/ 45		.3	.4	.1														20	20	75	96
44/ 43	.0	.2	.2	.1														13	13	27	69
42/ 41		.0	.1	.0														5	5	16	49
40/ 39		.1																3	3	11	27
38/ 37	.0	.0																2	2	7	22
36/ 35																				1	15
34/ 33																					5
32/ 31																					5
26/ 25																					1
TOTAL	8.6	41.8	29.4	13.0	4.7	1.7	.6	.2	.0									2602	2605	2602	2601
Element (X)	Zx ²	Zx	X	°x	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	18887805	219829	84.5	11.016	2602	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb	10568978	164732	63.2	7.636	2605			33.6	10.4	.2		90									
Wet Bulb	9621987	156887	60.3	7.905	2602			23.7	2.7			90									
Dew Point	9040072	151572	58.3	8.929	2601			.2	19.6	1.3		90									

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C

43-71

YEARS

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
80/ 79							.1											2	2		
78/ 77			.2	.1		.0												7	7		
76/ 75	.0	.6	.4	.0	.2													32	32	6	6
74/ 73	.5	2.0	1.4	.5	.1	.1	.0											118	118	46	26
72/ 71	1.3	4.3	1.3	.5	.2	.1												202	202	112	95
70/ 69	1.9	4.9	1.2	.5	.7	.1	.0											242	245	214	184
68/ 67	1.9	3.7	1.8	.6	.3	.1		.0										220	220	233	197
66/ 65	2.4	3.9	1.8	.5	.5	.2	.1	.0										241	241	197	214
64/ 63	1.0	3.6	1.9	.5	.4	.1												193	193	196	168
62/ 61	1.0	3.5	2.3	.6	.5	.2												207	209	193	174
60/ 59	1.1	4.5	2.1	1.0	.1	.0												229	229	211	181
58/ 57	.5	4.7	2.1	.7	.3													216	218	232	200
56/ 55	.4	3.1	2.8	.8	.1													186	186	206	212
54/ 53	.6	2.9	2.4	1.0	.1													179	182	174	185
52/ 51	.1	1.5	1.3	.2														84	84	179	150
50/ 49		1.5	1.0	.5	.0													82	80	119	131
48/ 47		1.3	1.2	.3														72	72	91	132
46/ 45	.2	.8	.4	.1	.0													40	40	83	119
44/ 43		.5	.3															26	26	51	68
42/ 41		.2	.2															9	9	26	67
40/ 39		.1	.1															5	5	14	31
38/ 37			.1															3	3	10	22
36/ 35																				4	19
34/ 33																					8
32/ 31																					5
30/ 29																					2
28/ 27																					1
TOTAL	12.9	47.5	26.3	8.6	3.5	.8	.2	.0	.0									2595	2503	2597	2597
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	19770706	224942	86.7	10.242	2595	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	10056098	160526	61.7	7.756	2603			28.6	5.5	.0		96									
Wet Bulb	9291484	153900	59.3	8.122	2597			21.2	1.8			90									
Dew Point	8806064	149380	57.5	9.073	2597			.3	17.6	1.1		90									

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 STATION ANDREWS AFB WASHINGTON D C STATION NAME 43-71 YEARS SEP 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							.0	.0													2	2		
82/ 81				.1	.1		.1	.0													6	6		
80/ 79			.1	.3		.1	.0	.0													13	13		
78/ 77		.1	.0	.7	.2	.1	.0														45	46		
76/ 75	.1	1.0	1.2	.5	.5	.0	.0														90	90	21	
74/ 73	.4	2.0	1.3	1.1	.2	.2	.0														138	139	76	
72/ 71	1.0	3.1	1.5	.7	.3	.2	.1														181	182	144	
70/ 69	1.5	4.1	2.2	1.1	.4	.3	.1														254	254	205	
68/ 67	1.3	3.3	2.4	1.1	.7	.2	.2														238	238	207	
66/ 65	1.9	2.7	2.6	1.5	.8	.4	.3														265	265	214	
64/ 63	.7	3.0	2.8	1.6	.7	.3	.0														237	237	204	
62/ 61	.5	3.4	2.2	1.3	.6	.3	.0														220	220	201	
60/ 59	.7	3.0	2.3	1.3	.9	.2	.0														220	220	239	
58/ 57	.2	2.2	2.5	1.5	.3	.2															181	131	219	
56/ 55	.2	2.5	2.0	.7	.5																149	149	210	
54/ 53	.2	1.3	2.0	.8	.3	.0															120	120	172	
52/ 51	.1	1.0	1.2	.5	.1																77	77	145	
50/ 49	.1	.5	1.1	.3	.3																60	60	116	
48/ 47	.2	1.0	.7	.2																	51	51	82	
46/ 45	.2	.4	.4	.1	.0																30	30	73	
44/ 43		.2	.1	.0																	7	7	32	
42/ 41		.2	.2	.0																	9	9	22	
40/ 39		.1	.2																		6	6	9	
38/ 37																							7	
36/ 35																							2	
34/ 33																								
32/ 31																								
30/ 29																								
TOTAL	9.0	35.2	29.6	15.5	6.9	2.7	1.0	.1													2599	2602	2600	
Element (X)	Σx ²		Σx		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature						Total							
Rel. Hum.	18244864		215518		82.9		11.988		2599		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb	10582111		164765		63.3		7.739		2602				33.6	10.2			90							
Wet Bulb	9542444		156134		60.1		8.001		2600				22.6	3.4			90							
Dew Point	8902693		150271		57.8		9.149		2600			.2	18.9	1.7			90							

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C

43-71

SEP
 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
96/95											.0							1	1	
94/93								.0		.0								2	2	
92/91								.0	.1	.0								4	4	
90/89							.1	.2	.0				.0					9	9	
88/87						.2	.6	.5	.2	.2								41	41	
86/85				.1	.1	.6	.7	.5	.3	.1	.1		.0					66	66	
84/83			.2	1.0	.9	.6	.4	.1	.1	.1		.0						88	89	
82/81			.1	.9	1.5	1.2	.8	.5	.3	.0								143	143	2
80/79			.5	1.4	1.1	1.3	.9	.7	.1	.1								158	159	2
78/77		.2	1.1	1.1	1.6	1.3	1.0	.5	.2	.3	.1	.0						189	189	30
76/75		.7	1.7	1.1	1.3	1.3	1.2	1.0	.4	.2	.1							232	232	137
74/73	.1	.9	1.0	1.3	1.4	1.6	1.5	.7	.5	.2	.0							236	236	196
72/71	.1	1.0	1.0	1.3	1.4	1.7	1.3	.7	.3	.0								227	227	187
70/69	.3	1.4	1.3	2.0	1.6	1.8	1.3	.8	.1									279	279	215
68/67	.2	1.2	1.2	1.3	1.7	1.5	1.3	.3	.0									227	227	211
66/65	.0	1.1	.9	.9	1.2	1.6	.9	.4	.0	.0								187	186	236
64/63	.3	.5	.7	.9	1.0	1.2	.7	.3										144	144	247
62/61	.1	.7	.6	.8	.9	.7	.7	.0										116	116	221
60/59	.2	.4	.4	.4	.8	.5	.4	.0										85	85	217
58/57		.6	.3	.3	.4	.5	.1	.1										60	60	190
56/55	.1	.4	.3	.4	.2	.3	.2	.0										52	52	173
54/53	.0	.4	.3	.1	.3	.1	.0											33	33	116
52/51	.0	.1	.1	.1	.2	.0												15	15	86
50/49	.0			.1	.1													5	5	66
48/47			.0	.0														2	2	27
46/45																				22
44/43																				16
42/41																				3
40/39																				
38/37																				39
36/35																				33
34/33																				22
32/31																				9
30/29																				4
Element (X)	Σ X ²		Σ X		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature						Total			
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F				
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C 43-71 SEP
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
28/ 27																					1
22/ 21																					1
TOTAL	1.5	9.6	11.6	14.9	17.8	18.3	14.3	7.6	2.5	1.3	.4	.0	.1				2600	2602	2600	2600	

Element (X)	$\sum x^2$	$\sum x$	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	11881833	170859	65.8	15.762	2596							
Dry Bulb	13411080	183628	71.3	8.044	2602			65.9	40.5	15.0	.1	90
Wet Bulb	10635422	165108	63.5	7.611	2600			33.9	12.7	.1		90
Dew Point	9155403	152211	58.5	9.700	2600		.4	22.0	3.9			90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

19705 ANDRWS AFB WASHINGTON D C

43-71

S.P.
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															
100/99												.0			.0	.0		3	3																	
98/97											.1	.1			.0			7	7																	
96/95										.2	.2			.0				9	9																	
94/93								.2	.2			.0						17	17																	
92/91							.0	.3	.5	.5	.3	.1	.0		.0			46	46																	
90/89					.1	.1	.4	1.2	.8	.5	.3	.1	.1	.1				91	91																	
88/87					.1	.4	1.1	1.4	.7	.5	.5	.1		.0				126	126																	
86/85					.3	1.3	1.1	1.0	.7	.3	.2			.1				129	129																	
84/83			.0	.2	1.2	1.6	1.3	1.3	.6	.5	.3	.1	.0					186	186																	
82/81		.0	.1	.7	1.5	1.1	1.3	1.2	1.0	.3	.3	.0						200	200	2																
80/79		.0	.2	.6	.9	1.0	1.3	1.9	1.0	.5	.4	.3						216	216	14	3															
78/77	.0	.1	.4	.7	1.1	1.4	1.4	1.7	1.6	.6	.3	.0						244	244	71	9															
76/75	.1	.1	.7	.8	1.0	1.2	2.0	1.5	.7	.8	.1	.0						234	234	220	20															
74/73		.5	.6	1.0	.8	1.0	1.6	1.4	1.2	.2								214	214	202	75															
72/71	.2	.5	.5	.4	.5	1.0	1.3	1.5	.9	.2								182	182	207	173															
70/69	.0	.3	.5	.8	1.0	.7	1.4	1.2	.6	.2								172	172	219	207															
68/67	.1	.4	.7	.3	.5	.5	1.0	.8	.3	.1								124	124	221	167															
66/65	.0	.5	.5	.7	.4	.6	1.0	.8	.2									125	125	218	157															
64/63	.2	.6	.3	.5	.4	.7	.5	.5	.1									99	99	258	193															
62/61	.2	.4	.3	.2	.3	.2	.4	.4	.1									62	62	211	185															
60/59	.1	.1	.2	.2	.2	.0	.3	.2										34	34	197	166															
58/57	.1	.4	.3	.0	.0	.2	.2	.1										36	36	191	177															
56/55	.0	.5	.2	.2			.1											28	28	116	187															
54/53	.1	.1	.1		.0													8	8	116	156															
52/51		.1	.1	.1	.0													8	8	65	120															
50/49																				41	133															
48/47																				20	101															
46/45																				17	120															
44/43																					75															
42/41																					51															
40/39																					42															
38/37																					29															
36/35																					23															
34/33																					17															
Element (X)	Σ X ²	Σ X	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature																														
Rel Hum						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 STATION ANDREWS AFB WASHINGTON D C 43-71 YEARS MONTH SEP

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31																			
100/ 99															.0																	1	1			
98/ 97															.1																	5	5			
96/ 95															.2																	9	9			
94/ 93															.3																	5	9			
92/ 91															.4																	51	51			
90/ 89										.0	.2	.9	1.1	.6	.2	.2	.1	.0	.1													87	87			
88/ 87						.0	.3	1.0	1.2	.3	.3	.2	.2																			95	95			
86/ 85					.4	1.3	1.1	1.0	.7	.4	.3																					138	138			
84/ 83			.0	.3	1.0	1.3	1.1	1.1	1.1	.2	.3	.2	.1	.0																		175	175			
82/ 81			.0	.4	1.4	.9	1.2	1.0	1.2	.7	.2	.3	.1	.0																		188	188	2		
80/ 79			.3	1.0	1.1	1.3	1.6	1.5	1.1	.6	.5	.2																				234	234	7	2	
78/ 77			.3	1.2	1.1	1.4	1.5	1.2	1.0	.5	.2																					241	241	64	1	
76/ 75		.3	.7	1.2	1.1	.9	1.4	1.7	1.1	.8	.0																					249	249	188	24	
74/ 73	.0	.6	.6	.7	1.1	1.2	1.3	1.3	1.2	.1	.1																					214	214	224	77	
72/ 71	.2	.7	.9	.6	1.1	1.2	1.1	1.4	.7	.1	.0																					199	199	204	177	
70/ 69	.2	.4	.8	.7	.8	1.1	1.0	.9	.8	.2																						180	180	227	183	
68/ 67	.1	.8	.6	.5	.7	.8	.9	.9	.3	.1																						149	149	246	203	
66/ 65	.2	.3	.4	.7	.6	.6	1.0	.9	.1	.0																						129	129	236	156	
64/ 63	.0	.5	.9	.4	.3	.3	.5	.5	.3																							85	85	244	198	
62/ 61	.2	.4	.4	.1	.4		.3	.2	.0																							53	53	221	175	
60/ 59	.2	.3	.2	.2	.2	.2	.3	.2																								44	44	224	181	
58/ 57	.1	.3	.3	.1	.1	.2	.1	.0																								33	33	175	155	
56/ 55	.1	.5	.2	.1	.1	.0																										25	25	107	176	
54/ 53	.2	.1	.1	.0																												10	10	112	184	
52/ 51		.1		.1																												4	4	59	116	
50/ 49		.0		.0																												2	2	35	127	
48/ 47																																		25	104	
46/ 45																																	8	83		
44/ 43																																	1	70		
42/ 41																																			56	
40/ 39																																			49	
38/ 37																																			30	
36/ 35																																			19	
34/ 33																																			10	
Element (X)	Σ X ²		Σ X		X̄		S _x		No. Obs.		Mean No. of Hours with Temperature							Total																		
Ref. 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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

137.05 STATION ANDREWS AFB WASHINGTON D C STATION NAME 42-71 YEARS 51P 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																	
32/ 31																																					10	
30/ 29																																					1	
28/ 27																																					1	
TOTAL	1.5	5.6	5.9	0.3	1.5	13.2	15.8	16.6	11.5	5.7	2.4	1.3	.5	.1	.2																					2609	2609	
																		2609																				

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total
Del. Hum	9418986	150174	57.6	17.137	2606							
Dry Bulb	15101409	197273	75.6	8.425	2609			76.7	58.5	30.7	.8	90
Wet Bulb	11155391	169541	65.0	7.276	2609			40.1	16.7	.1		90
Dew Point	9174005	152573	58.5	9.822	2609		.7	23.0	3.6	.0		90

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C 43-71

STATION MONTH YEARS

PAGE 1 1000-2000
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
92/ 91									.0									1	1	
90/ 89									.0			.1						3	3	
88/ 87						.1	.0	.1	.1	.1	.0							11	11	
86/ 85					.1	.2	.3	.1	.2	.0	.0			.0				26	26	
84/ 83				.1	.6	.5	.3	.1	.0			.0						46	46	
82/ 81			.1	.6	1.2	.8	.1	.1	.2			.0						63	63	
80/ 79			.6	1.6	1.1	.7	.3	.3	.0	.0	.1	.0						124	124	
78/ 77			1.4	1.7	1.2	.6	.4	.2	.1	.2	.2							157	157	15
76/ 75		.7	2.3	1.9	1.2	.9	.6	.2	.0	.0								204	204	88
74/ 73	.1	1.8	2.1	1.9	.8	.7	.5	.2	.3									220	220	174
72/ 71	.3	1.8	1.8	2.2	1.0	1.1	.7	.3	.1									239	239	217
70/ 69	.5	1.7	2.4	1.9	2.0	1.0	.5	.2		.0								263	263	236
68/ 67	.5	1.7	2.2	1.8	1.7	1.3	.7	.2	.1									265	265	207
66/ 65	.3	1.1	2.5	2.2	1.1	1.1	.3	.1	.2									227	228	255
64/ 63	.2	1.0	1.8	1.7	1.5	.5	.3	.0										183	183	206
62/ 61	.2	1.1	1.3	1.5	1.1	.7	.2	.1										164	164	226
60/ 59	.3	1.0	1.3	1.0	.7	.5	.2											132	132	250
58/ 57	.1	.6	.8	1.0	.5	.1	.1											82	82	198
56/ 55	.1	1.0	.6	.8	.3	.3	.1											81	81	179
54/ 53	.2	.3	.6	.6	.2	.1												49	49	114
52/ 51	.1		.3	.2	.1	.1												21	21	97
50/ 49		.1	.2	.1														10	10	63
48/ 47		.1	.2	.1														9	9	37
46/ 45		.1	.0															3	3	22
44/ 43			.0															1	1	16
42/ 41																				3
40/ 39																				1
38/ 37																				
36/ 35																				19
34/ 33																				12
32/ 31																				9
30/ 29																				4
TOTAL	3.0	13.9	22.4	22.8	16.2	11.3	5.7	2.2	1.4	.5	.3	.2		.0				2604	2605	2604
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.		Mean No. of Hours with Temperature													
Rel Hum.	14423790	189926	73.0	14.748	2603		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb	12533952	179544	68.9	7.821	2605				56.7	30.2	7.9		90							
Wet Bulb	10491312	164140	63.0	7.462	2604				32.4	9.6			90							
Dew Point	9380321	154493	59.3	9.075	2604			.2	24.1	3.4			90							

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D.C

43-71

SIP
MONTH

PAGE 1 1100-2300
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		
86/ 85							.0												1	1			
84/ 83					.1		.1												4	4			
82/ 81				.1	.1		.0	.0											7	7			
80/ 79			.5	.3	.3	.3	.1												38	38			
78/ 77	.0	.3	1.0	.8	.6	.1		.1		.1									78	78	3	2	
76/ 75	.0	1.3	2.5	.9	.4	.3	.1		.1										147	147	37	6	
74/ 73	.2	2.1	2.1	.8	.4	.5		.0	.1										162	162	98	63	
72/ 71	.7	3.4	2.8	1.4	.8	.1	.2	.1	.1										248	248	193	126	
70/ 69	.5	2.6	2.1	1.4	.4	.3	.2	.1											199	200	209	174	
68/ 67	1.2	2.8	3.3	1.4	1.0	.5	.2	.0											270	270	206	228	
66/ 65	1.0	2.0	3.6	1.3	.8	.3	.2												240	240	207	173	
64/ 63	.3	3.0	3.0	1.9	.9	.4	.2	.0											257	257	224	176	
62/ 61	.5	2.4	2.2	2.5	.8	.1	.0	.1											223	223	219	214	
60/ 59	.7	2.0	2.2	1.6	.8	.2	.0												196	196	252	221	
58/ 57	.2	1.7	2.0	1.3	.6	.1	.0												154	154	199	185	
56/ 55	.3	2.0	1.8	.8	.3	.2													141	141	214	166	
54/ 53	.2	.9	1.1	.5	.3	.0		.0											89	89	179	182	
52/ 51	.1	.7	.8	.5	.2	.1													65	65	112	166	
50/ 49		.5	.8	.3	.0														42	42	89	137	
48/ 47		.2	.3	.0	.1														19	19	78	95	
46/ 45		.2	.2	.1															12	12	42	95	
44/ 43	.1	.1	.1	.1															9	9	21	68	
42/ 41		.1	.0																3	3	13	46	
40/ 39		.0																	1	1	7	18	
38/ 37																					3	30	
36/ 35																						9	
34/ 33																						5	
32/ 31																						7	
22/ 21																						1	
TOTAL	6.1	28.3	32.7	18.4	8.8	3.4	1.4	.5	.2	.2											2606	2605	
																				2605		2605	
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature																	
Rel Hum.	17370964	210102	80.7	12.494	2602	$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$> 73 F$	$> 80 F$	$\geq 93 F$	Total											
Dry Bulb	11141673	169257	64.9	7.553	2606			39.9	15.1	1.0		90											
Wet Bulb	9691702	159260	61.1	7.719	2605			25.8	4.8			90											
Dew Point	9151447	152619	58.6	8.980	2605			.3	21.1	2.5		90											

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANRHS AFB WASHINGTON D C

43-71

OCT
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			
78/77				.1	.0														5	5					
76/75				.0															3	3					
74/73		.3	.1	.1	.1														15	15	2				
72/71	.0	.3	.3	.2	.1	.1													24	24	14	5			
70/69	.1	.6	.2	.2		.1													34	34	17	15			
68/67	.3	1.1	.3	.1	.0														51	51	46	30			
66/65	.6	2.2	.5	.5	.1														105	105	72	56			
64/63	.6	2.5	1.0	.5	.5	.1	.1												142	142	85	88			
62/61	.9	3.2	1.2	.4	.3	.2	.0												166	167	135	104			
60/59	1.0	3.1	1.5	1.2	.6	.2	.1	.1											207	207	150	143			
58/57	1.3	2.7	2.0	1.1	.5	.3	.1												217	217	170	132			
56/55	1.2	3.1	2.0	1.1	.4	.1	.1	.0											218	218	179	156			
54/53	1.1	3.0	2.2	1.8	1.0	.1													251	251	201	158			
52/51	.9	2.6	1.8	1.6	.5	.3													207	207	214	170			
50/49	.7	3.3	3.2	1.2	.6	.1													246	246	197	160			
48/47	.2	2.7	2.4	1.3	.5	.1													196	196	201	167			
46/45	.1	2.3	1.9	.8	.8	.1													170	170	218	174			
44/43	.3	2.2	1.6	.5	.4	.1													138	138	205	180			
42/41	.1	1.3	1.7	.6	.1	.1													107	107	157	185			
40/39	.0	.9	1.6	.1	.1														72	72	105	146			
38/37	.2	.8	.8	.2															54	54	121	126			
36/35	.1	.6	.4	.1															32	32	51	133			
34/33	.1	.1	.2	.1															14	14	38	82			
32/31		.1	.3	.1															17	17	19	73			
30/29																					11	57			
28/27																					13	36			
26/25																						27			
24/23																						9			
22/21																						10			
20/19																						13			
18/17																						4			
16/15																						6			
TOTAL	10.0	39.6	27.4	14.2	6.4	1.9	.4	.1											2691	2692	2691	2691			
Element (X)	Σx²	Σx	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature																			
Rel Hum.	18164243	217831	81.0	13,969	2690	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total													
Dry Bulb	7797583	143091	53.2	8,440	2692		.6	4.6	.8			93													
Wet Bulb	6974598	134908	50.1	8,864	2691		1.5	2.7	.1			93													
Dew Point	6282382	126844	47.1	10,620	2691		8.1	1.8				93													

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C 43-71 OCT 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	
76/ 75		.0		.1														3	3			
74/ 73		.1	.2															11	11	1		
72/ 71	.0	.5	.0			.0												16	16	13	6	
70/ 69	.3	.4	.3	.1														27	27	21	20	
68/ 67	.3	.7	.3	.1	.1													41	41	29	23	
66/ 65	.6	1.4	.4	.1	.1													70	70	47	48	
64/ 63	1.2	2.9	.5	.1														126	126	97	83	
62/ 61	1.2	2.7	.7	.3	.0													131	131	121	100	
60/ 59	1.1	2.8	1.5	.6	.5	.1												175	175	131	130	
58/ 57	1.5	3.2	1.5	.6	.4	.2	.0											203	204	131	116	
56/ 55	2.2	3.3	1.5	.9	.3	.1	.0											226	226	203	155	
54/ 53	1.2	3.5	1.9	1.1	.4	.2	.0											224	224	184	170	
52/ 51	1.1	1.9	2.1	1.2	.4	.3	.1											191	191	181	151	
50/ 49	1.1	3.7	2.7	1.4	.2	.1												248	249	191	151	
49/ 47	.9	3.5	2.7	.7	.2													215	217	233	160	
46/ 45	.1	2.6	2.0	1.2	.1													162	163	212	189	
44/ 43	.6	2.4	2.1	.9	.4													170	170	200	186	
42/ 41	.5	3.0	1.3	.7	.1													152	152	176	179	
40/ 39	.3	1.6	1.4	.4	.1													102	102	164	174	
38/ 37	.1	1.5	.8	.2														72	72	111	142	
36/ 35	.3	1.1	.5	.1														53	53	101	134	
34/ 33	.1	1.0	.2	.1														38	36	58	104	
32/ 31		.3	.4	.1														21	21	45	81	
30/ 29		.1	.2															7	7	16	60	
28/ 27		.0	.0															2	2	14	50	
26/ 25																				6	29	
24/ 23																					11	
22/ 21																					7	
20/ 19																					13	
18/ 17																					11	
16/ 15																					3	
TOTAL	14.7	44.0	25.2	11.3	3.5	1.0	.2												2686	2691	2686	
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total										
Rel. Hum.	19269432	224766	83.7	13.102	2686	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb	7337832	138237	51.5	8.701	2691		1.0	3.4	.5			93										
Wet Bulb	6675652	131630	49.0	9.154	2686		2.8	2.2	.0			93										
Dew Point	6107046	124806	46.5	10.708	2686		9.2	1.7				93										

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C

43-71

JCT

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0600-0800

HOURS (L, S, Y)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77				.1														2		2		
76/ 75				.1	.0													4		4		
74/ 73		.1	.1	.1														10		10		
72/ 71		.4	.1															13		13	10	1
70/ 69	.1	.5	.5			.0												33		33	22	24
68/ 67	.3	.9	.4	.2	.1	.0	.0											55		55	34	27
66/ 65	.6	1.7	.6	.1	.1													85		86	60	44
64/ 63	1.0	2.0	.7	.3	.1	.1	.1											115		115	86	87
62/ 61	1.0	2.8	1.0	.5	.3	.1	.0											155		155	116	92
60/ 59	1.0	2.8	1.7	.7	.7	.1												189		191	133	119
58/ 57	1.4	3.4	1.8	1.0	.6	.2	.0											225		226	153	135
56/ 55	1.8	2.8	2.0	1.4	.6	.2	.1											237		238	225	160
54/ 53	1.4	2.5	2.0	1.6	.6	.1	.0											221		221	180	176
52/ 51	.5	2.9	2.3	1.2	.5	.3	.1											208		208	185	152
50/ 49	1.0	2.6	3.2	1.7	.7													247		247	224	150
48/ 47	.6	3.0	2.4	2.0	.4	.0												226		228	223	169
46/ 45	.4	2.3	1.8	1.5	.2	.0												166		170	215	188
44/ 43	.3	2.0	1.9	.9	.2													142		142	193	218
42/ 41	.3	1.6	1.3	.6	.4													112		112	179	161
40/ 39	.2	.7	1.0	.5	.3													71		71	148	126
38/ 37	.2	1.0	1.0	.0	.0													64		64	84	145
36/ 35	.1	1.0	.4	.2														47		47	77	141
34/ 33	.0	.7	.2	.3														32		32	64	111
32/ 31		.2	.2															11		11	33	64
30/ 29		.1	.1															7		7	17	76
28/ 27		.1	.0															3		3	14	41
26/ 25																					5	70
24/ 23																						10
22/ 21																						10
20/ 19																						18
18/ 17																						8
16/ 15																						6
14/ 13																						1
Element (X)	Σx^2	Σx	\bar{x}	s_x	No Obs.	Mean No. of Hours with Temperature																
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb																						
Wet Bulb																						
Dew Point																						

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D.C. 43-71

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
90/ 89								.0									1	1		
86/ 85							.0	.0	.1								4	4		
84/ 83						.0	.0	.0									3	3		
82/ 81				.0	.1	.3	.1	.0									16	16		
80/ 79				.1	.1	.3	.1	.2	.1	.0	.0						27	27		
78/ 77				.1	.3	.2	.3	.2	.1								32	32		
76/ 75		.0	.1	.3	.4	.3	.3	.3	.3	.1							60	60		
74/ 73		.0	.1	.4	.2	.7	.4	.6	.2		.1						76	76	10	3
72/ 71	.1	.5	.4	.9	.4	.8	.4	.4	.1	.1							107	107	29	8
70/ 69	.0	.3	.6	.8	1.2	1.0	.8	.4	.2	.1							146	146	52	21
68/ 67	.1	1.2	1.1	.9	.8	.9	.7	.4	.1	.0							167	167	70	42
66/ 65	.1	1.5	1.3	1.4	1.2	1.1	.9	.5	.2	.0							223	223	102	73
64/ 63	.5	1.0	1.7	1.4	1.3	1.3	1.2	.6	.1								242	242	166	108
62/ 61	.3	1.3	1.1	1.3	1.5	1.3	.9	.2	.2								216	217	162	115
60/ 59	.4	2.3	.9	1.5	1.7	2.0	.9	.4									273	273	241	125
58/ 57	.4	1.1	1.1	1.4	1.8	1.4	.9	.1	.1								224	224	223	171
56/ 55	.4	1.2	1.1	1.1	2.2	1.2	.6	.2									215	215	202	186
54/ 53	.2	.6	1.0	1.6	1.3	1.5	.5	.0									182	182	227	145
52/ 51	.1	1.0	1.0	1.0	1.7	1.0	.2										162	162	223	156
50/ 49	.2	.7	.5	.7	1.7	.8	.1										129	129	242	163
48/ 47	.1	.6	.3	.6	.9	.3											74	74	207	177
46/ 45	.2	.3	.1	.3	.6	.3											53	53	158	172
44/ 43		.0	.0	.3	.5	.1											27	27	142	171
42/ 41			.1	.1	.3	.0											15	15	98	151
40/ 39		.0	.0	.1	.2	.0											10	10	43	120
38/ 37	.0		.3	.1													5	5	45	114
36/ 35			.0														1	1	26	104
34/ 33																			7	90
32/ 31																			8	92
30/ 29																			2	65
28/ 27																				34
26/ 25																				26
24/ 23																				15
22/ 21																				10
Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total								
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C 43-71 OCT MONTH
STATION STATION NAME YEARS

PAGE 2 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B. W.B.	TOTAL																		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point																					
20/ 19																																								15	
18/ 17																																								11	
16/ 15																																							6		
14/ 13																																							1		
TOTAL	3.3	13.5	12.9	16.7	20.4	17.0	9.4	4.0	1.7	.4	.1																											2690	2691	2690	2690
Element (X)	Σx ²		Σx		x̄		s _x		No Obs.		Mean No. of Hours with Temperature																														
Rel. Hum.	12196019		174421		64.8		18.157		2690		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb	10063900		163022		60.6		8.359		2691				22.1	7.6	1.4			93																							
Wet Bulb	7974308		144768		53.8		8.257		2690				.3	5.7	.5			93																							
Dew Point	6474588		128478		47.8		11.217		2690				9.5	2.6	.1			93																							

USAFETAC FORM 0-26.5 (OL A) REVISED PERIODIC EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C

43-71

DOT

STATION

STATION NAME

YEARS

MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
92/ 91									.0									1	1																
90/ 89									.1									1	8																
88/ 87						.0	.0	.2	.2	.0								13	13																
86/ 85						.0	.2	.1	.2	.0			.1	.0				19	19																
84/ 83						.0	.2	.4	.4	.3	.1	.0	.0					40	40																
82/ 81				.1	.1	.1	.4	.3	.3	.4	.2	.1						52	52																
80/ 79				.1	.1	.5	.4	.7	.8	.4	.3	.1		.0				97	97																
78/ 77			.0	.2	.4	.6	1.0	.4	.8	.6	.3	.2			.0			123	123	3															
76/ 75			.1	.4	.5	.8	.7	.6	.7	.3	.2	.1						114	114	12	1														
74/ 73		.0	.1	.4	1.1	.9	1.5	1.3	.9	.3	.1							170	179	21	4														
72/ 71	.1	.2	.6	.5	1.0	.9	1.5	1.5	.6	.4	.2	.0						204	204	44	12														
70/ 69	.0	.3	.5	.7	.8	1.0	1.4	1.4	.7	.2	.0	.0	.0					195	195	87	26														
68/ 67	.1	.4	.5	.7	.9	.5	1.2	1.3	.9	.4	.0							188	188	97	51														
66/ 65	.1	.4	.8	1.0	.8	1.6	1.6	1.4	.9	.2	.0	.0						238	238	169	77														
64/ 63	.3	.8	.7	.8	1.0	1.4	1.3	1.2	.6	.1								220	220	170	93														
62/ 61	.1	.7	.6	.5	.6	1.1	1.9	1.0	.2		.0							184	184	233	123														
60/ 59	.3	.9	.3	.9	1.0	1.6	1.4	1.1	.2	.0								207	207	238	130														
58/ 57	.2	.6	.3	.8	.6	1.2	1.6	.7	.1									162	162	210	166														
56/ 55	.2	.3	.3	.7	.7	1.4	1.0	.2										129	129	231	157														
54/ 53	.1	.6	.3	.6	.7	.8	.9	.1										110	110	209	136														
52/ 51	.4	.3	.6	.2	.3	.8	.4	.1										85	85	200	158														
50/ 49	.2	.7	.3	.2	.4	.5	.1	.1										62	62	229	177														
48/ 47	.1	.1	.1	.1	.3	.3	.3	.0										40	40	185	159														
46/ 45				.1	.2	.1	.0											13	13	148	165														
44/ 43		.0			.0	.0	.0											4	4	75	155														
42/ 41						.1												4	4	59	131														
40/ 39																				35	147														
38/ 37																				18	110														
36/ 35																				10	110														
34/ 33																				4	85														
32/ 31																				4	90														
30/ 29																					83														
28/ 27																					47														
26/ 25																					21														
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\geq 80 F$	$\geq 93 F$	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 STATION ANDREWS AFB WASHINGTON D C STATION NAME 43-71 YEARS OCT 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	
24/ 23																					19	
22/ 21																					12	
20/ 19																					10	
18/ 17																					10	
16/ 15																					8	
14/ 13																					5	
12/ 11																					3	
10/ 9																					1	
8/ 7																					2	
6/ 5																					1	
TOTAL	2.2	6.4	6.1	9.2	11.7	16.4	19.2	14.2	8.5	3.7	1.6	.7	.1	.0							2691	
																		2691				2691

Element (X)	Σx²	Σx	x̄	s _x	No. Obs.	Mean No. of Hours with Temperature					Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	
Rel. Hum.	8985059	147049	54.6	18.789	2691						
Dry Bulb	11846747	176871	65.7	9.076	2691			42.6	22.3	6.3	93
Wet Bulb	8592325	150467	55.9	8.157	2691		.1	9.1	1.2		93
Dew Point	6454928	127982	47.6	11.699	2691		10.7	3.2	.2		93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR CENTER SERVICE/AC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C

43-7j

CCI
MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
92/ 91									.1	.0	.0							2	2																
90/ 89									.1	.0	.0							4	4																
88/ 87							.0	.1	.1	.0	.0							10	10																
86/ 85						.1	.1	.1	.1	.1	.0	.1		.0				20	20																
84/ 83						.2	.0	.3	.2	.1	.2	.0						30	30																
82/ 81					.0	.1	.4	.2	.3	.3	.1	.0						40	40																
80/ 79				.1	.2	.4	.4	.4	.3	.3	.2	.1	.0					70	70																
78/ 77			.1	.1	.6	.6	.7	.6	.3	.3	.1	.1						95	95																
76/ 75		.0	.1	.4	.0	1.2	.9	.7	.6	.2	.1							120	128	6															
74/ 73		.0	.3	.6	1.0	.9	1.4	1.2	.5	.4	.1	.0						173	173	28	4														
72/ 71	.1	.2	.4	.8	.8	1.0	1.4	1.3	.7	.3	.3	.0	.0					192	198	21	10														
70/ 69	.0	.6	.5	1.1	.6	1.0	1.0	1.0	.8	.3	.1	.0						194	194	67	20														
68/ 67	.1	.4	.6	.7	1.1	.9	1.0	1.6	1.0	.2	.0							203	203	101	56														
66/ 65	.2	.5	1.0	1.4	.8	1.2	1.1	.8	.9	.2	.0	.0						210	219	162	52														
64/ 63	.3	.7	.8	1.0	1.2	1.2	1.7	.9	.5	.0	.0							225	225	175	106														
62/ 61	.1	.9	.7	1.0	1.1	1.4	1.7	.8	.3	.1								220	220	222	132														
60/ 59	.1	.9	.5	1.2	.9	1.2	.9	1.2	.2									190	190	251	147														
58/ 57	.1	.5	.5	.9	.9	1.3	1.3	.5	.1									165	165	211	153														
56/ 55	.0	.7	.6	.5	1.1	1.2	1.3	.1										146	146	208	156														
54/ 53	.3	.7	.5	.8	.9	.9	.7	.1										131	131	239	167														
52/ 51	.4	.9	.3	.3	.7	.5	.5	.1										102	102	227	179														
50/ 49	.1	.6	.3	.2	.5	.6	.1	.1										69	69	218	195														
48/ 47		.1	.2	.1	.1	.2	.1											22	22	155	146														
46/ 45				.1	.2	.1	.1											14	14	158	134														
44/ 43			.1		.3	.1	.0											16	16	101	153														
42/ 41						.1	.0											2	2	47	161														
40/ 39						.1												2	2	35	118														
38/ 37																				17	109														
36/ 35																				11	96														
34/ 33																				2	36														
32/ 31																				4	97														
30/ 29																				1	77														
28/ 27																					30														
26/ 25																					30														
Element (X)	Σx'	Σx	̄x	s _x	No. Obs.	Mean No of Hours with Temperature																													
Rel Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 0 26-5 (OLA) JUL 54 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C

43-71

YEARS

JUL
 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														
24/ 23																						29													
22/ 21																						15													
20/ 19																						9													
18/ 17																						10													
16/ 15																						3													
14/ 13																						2													
12/ 11																						7													
10/ 9																						1													
8/ 7																						2													
6/ 5																						2													
TOTAL	1.9	7.7	7.2	11.4	13.4	16.4	16.8	12.4	7.4	3.0	1.6	.6	.1	.0				2690	2690		2690														

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total
Rel. Hum	9523841	151667	56.4	19.018	2690							
Dry Bulb	11583315	174885	65.0	8.911	2690			40.3	19.8	4.8		93
Wet Bulb	8522036	149850	55.7	8.054	2690		.2	8.4	1.2			93
Dew Point	6492647	128415	47.7	11.609	2690		10.5	3.1	.1			93

USAFETAC FORM 0265 (OL A) JUL 64
 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/PAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C 43-71 1900-2000
STATION MONTH YEARS

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B.	TOTAL Wet Bulb	TOTAL Dew Point			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31																				
84/ 83							.1																								2	2					
82/ 81																															5	5					
80/ 79				.0		.1	.0	.0	.1																					8	8						
78/ 77			.1	.0	.2	.1	.1																							16	16						
76/ 75			.1	.2	.3	.0	.0																							17	19	2					
74/ 73		.1	.3	.5	.3	.1	.1							.0																41	41	7					
72/ 71		.2	.3	.5	.6	.3	.2							.0	.1	.0														58	58	16					
70/ 69	.0	.7	1.0	1.3	.6	.3	.1	.0	.0	.0				.0	.0															111	111	33					
68/ 67	.1	.9	1.8	1.3	.8	.0	.2	.3																						156	156	66					
66/ 65	.3	1.2	1.9	1.6	1.1	.6	.3	.2	.0																					192	192	94					
64/ 63	.7	1.4	2.0	1.5	1.3	.6	.3	.1	.0																					216	216	158					
62/ 61	.7	2.0	1.4	1.7	1.0	.9	.2	.2	.1																					217	219	178					
60/ 59	.4	1.5	2.6	2.1	1.6	.6	.4	.1	.1																					251	251	189					
58/ 57	.1	1.5	2.4	2.4	1.3	.6	.2	.1	.1																					235	235	200					
56/ 55	.3	2.0	2.1	2.3	1.6	.7	.2	.1																						250	250	227					
54/ 53	.4	1.2	1.8	2.1	1.5	.7	.2	.1																						213	213	245					
52/ 51	.4	1.0	2.0	2.2	1.1	.7	.2	.0																						205	205	219					
50/ 49	.3	.8	2.0	1.4	1.5	.3	.1																							177	177	213					
48/ 47	.1	.7	1.9	1.6	.5	.1	.0																							132	132	223					
46/ 45	.0	.3	.6	1.2	.4	.3																								79	79	200					
44/ 43		.3	.7	.3	.2	.1																								42	43	135					
42/ 41		.1	.4	.4	.2	.1																								32	32	124					
40/ 39		.1	.3	.2	.1																									20	20	68					
38/ 37		.1	.1	.1	.1																									10	10	47					
36/ 35			.0	.0	.0																									3	3	23					
34/ 33		.0	.0	.0	.0																									2	2	13					
32/ 31			.0																											1	1	9					
30/ 29																															6	6	35				
28/ 27																																28	28	9			
26/ 25																																	25	25	9		
24/ 23																																	9	9	6		
22/ 21																																	6	6	6		
20/ 19																																		6	6	6	
18/ 17																																			6	6	6
Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																									
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total																									
Wet Bulb																																					
Wet Bulb																																					
Dew Point																																					

USAFETAC FORM 0 26-5 (O.L.A.) REVISIONS TO FORMS OF THIS FORM ARE OBSOLETE
 JUL 64

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C 43-71 5/67
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		
16/ 15																						2		
14/ 13																						6		
12/ 11																						1		
TOTAL	4.0	16.0	25.9	24.8	16.3	8.1	3.1	1.4	.4	.1								2695	2696	2695	2695			

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel Hum.	14488017	192085	71.6	15.565	2695							
Dry Bulb	9272333	156609	58.1	8.058	2696		.0	14.4	3.1	.4		93
Wet Bulb	7754773	142847	53.0	8.247	2695		.5	4.3	.3			93
Dew Point	6622530	130496	48.4	10.618	2695		6.4	2.3	.1			93

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D.C. 43-71

STATION MONTH YEARS

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21	22	23-24	25-26	27-28	29-30	≥ 31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point															
80/ 79					.1																												4	4				
78/ 77			.0	.0																																		
76/ 75			.1	.0		.0																																
74/ 73		.3	.3	.3	.2	.0																																
72/ 71		.1	.3	.3	.0	.0																																
70/ 69		.6	.6	.1	.2	.0																																
68/ 67	.3	1.3	.9	.7	.4	.1																																
66/ 65	.3	1.8	1.0	.8	.6	.1	.1	.0	.1																													
64/ 63	1.0	2.2	1.8	.9	.7	.2	.3	.0	.0																													
62/ 61	.6	2.0	1.9	1.1	.6	.2			.1	.1																												
60/ 59	.7	2.3	2.1	1.0	.7	.3	.3	.0	.2																													
58/ 57	.7	2.6	2.5	1.5	.8	.3	.1	.2																														
56/ 55	.7	2.7	2.6	1.9	1.2	.4	.1	.0																														
54/ 53		2.1	2.9	1.9	1.0	.4	.1																															
52/ 51	.4	2.0	2.9	1.4	.6	.1	.0																															
50/ 49	.4	1.6	2.9	1.8	.5	.3	.0																															
48/ 47	.3	1.7	3.2	1.8	.5	.2	.1																															
46/ 45	.2	2.1	1.6	1.3	.6	.0																																
44/ 43		.9	1.1	.7	.2	.1																																
42/ 41		.4	1.3	.5	.2																																	
40/ 39	.0	.8	1.0	.4	.0																																	
38/ 37	.0	.5	.1	.1																																		
36/ 35		.4	.2	.1	.1																																	
34/ 33		.2	.0	.1																																		
32/ 31		.0	.1																																			
30/ 29																																						
28/ 27																																						
26/ 25																																						
24/ 23																																						
22/ 21																																						
20/ 19																																						
18/ 17																																						
16/ 15																																						
14/ 13																																						
Element (X)	Σ x²		Σ x		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature							Total																				
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																						
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDRLWS AFB WASHINGTON D C 43-71 OCT
STATION STATION NAME YEARS MONTH

PAGE 2 2100-2300
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL															
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point																											
8 / 7																																																	1
TOTAL	6.1	29.4	31.7	14.8	9.3	2.9	1.0	.6	.3												2680				2682		2680																						
																					2680				2680																								

Element (X)	Σx^2	Σx	\bar{x}	$\%x$	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 70 F	≥ 80 F	≥ 93 F	
Rel. Hum.	16604701	207309	77.4	14.567	2680							
Dry Bulb	8279574	147366	54.9	8.247	2682		.1	7.0	1.5	.0		93
Wet Bulb	7214621	137149	51.2	8.554	2680		.9	2.9	.1			93
Dew Point	6358919	127463	47.6	10.523	2680		6.9	2.0	.0			93

USAF/ETAC FORM 0-26-5 (OL A) 7-64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C 43-71

STATION MONTH YEARS

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														
72/ 71			.0															1	1																
70/ 69		.2	.3	.1														13	13																
68/ 67		.2	.3		.1	.0												15	15	11	5														
66/ 65	.1	.1	.1	.1														11	11	12	11														
64/ 63	.1	.3	.3	.2	.2	.2												32	32	15	17														
62/ 61	.2	.5	.6	.1	.3	.2												49	49	15	14														
60/ 59	.8	1.3	.6	.5	.1		.0											88	88	61	36														
58/ 57	.5	1.0	.5	.3	.2	.2	.1											75	76	67	48														
56/ 55	.9	1.5	.6	.4	.3	.5	.0											109	109	83	87														
54/ 53	.5	1.5	1.2	.6	.4	.4	.2											124	124	74	67														
52/ 51	.7	1.8	1.2	.9	.7	.3	.1											146	146	89	66														
50/ 49	.4	1.7	1.3	.8	1.0	.2												142	142	121	83														
48/ 47	.5	1.4	2.4	1.3	.9	.2												176	177	117	97														
46/ 45	.6	1.7	2.1	1.6	.8	.1	.0											180	180	150	102														
44/ 43	.5	1.7	2.6	2.0	.6	.1												195	195	166	79														
42/ 41	.3	2.3	2.2	1.1	.6	.2												172	172	189	117														
40/ 39	.8	2.8	2.8	1.5	.3													216	216	234	149														
38/ 37	.4	2.3	3.2	2.4	.4													226	226	200	157														
36/ 35	.2	2.4	2.5	1.5	.3													177	177	213	159														
34/ 33	.3	1.8	3.2	1.2	.1													169	169	191	231														
32/ 31	.2	2.0	2.0	.6														123	123	182	153														
30/ 29	.3	1.7	.8	.2														78	79	205	179														
28/ 27	.0	.6	.6	.0														32	32	94	149														
26/ 25		.3	.4	.1														21	21	44	176														
24/ 23		.2	.3															14	14	28	123														
22/ 21		.2	.2															8	8	17	75														
20/ 19		.0	.1															3	3	13	49														
18/ 17			.1															3	3	3	68														
16/ 15		.1																2	2	6	54														
14/ 13																				1	14														
12/ 11																					12														
10/ 9																					9														
8/ 7																					10														
6/ 5																					5														
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D.C. 43-71 NGV
 STATION STATION NAME YEARS MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
4/ 3																					1
2/ 1																					2
-2/ -3																					1
-4/ -5																					2
TOTAL	8.0	31.4	32.5	17.5	7.2	2.5	.7	.1										2603		2600	
																	2601		2601		

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	15017126	193238	74.3	15.942	2601							
Dry Bulb	5237695	114067	43.8	9.586	2603		9.9	1.0				90
Wet Bulb	4489224	102108	40.4	9.650	2601		20.5	.4				90
Dew Point	3680986	92796	35.7	11.916	2600	.1	37.5	.1				90

USAFETAC FORM 0-26.5 (OLA) JUL 64 REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13745 ANDRWS AFB WASHINGTON D C 43-71
 STATION MONTH YEARS

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															
70/ 69		.1	.2																													8	8		
68/ 67		.2	.3																													17	17	8	1
66/ 65		.2	.3			.1																									7	7	16	10	
64/ 63	.2	.2	.1	.2																											16	16	10	20	
62/ 61	.3	.6	.2	.1	.1	.1	.0																								36	36	16	13	
60/ 59	.7	1.2	.7	.2	.0	.0		.1																							77	79	46	32	
58/ 57	.7	1.3	.3	.3	.1	.0	.2																								78	78	68	51	
56/ 55	1.1	1.3	.7	.3	.2		.1																								95	95	81	81	
54/ 53	.8	1.2	.8	.2	.5	.3																									100	100	74	65	
52/ 51	.5	1.7	.6	.8	.7	.2																									117	117	68	65	
50/ 49	.6	1.5	1.6	1.2	.7	.2																									148	148	102	57	
48/ 47	.5	1.9	1.9	1.4	.7	.0																									167	167	83	99	
46/ 45	.7	2.1	2.0	1.3	.7																										179	179	169	78	
44/ 43	.4	2.0	2.2	1.6	.7																										185	185	161	82	
42/ 41	.3	2.5	2.0	1.4	.8	.0																									181	182	182	119	
40/ 39	1.0	2.9	2.6	1.2	.2																										204	204	213	142	
38/ 37	.4	2.6	3.4	.6	.2																										195	196	196	187	
36/ 35	.5	2.8	3.2	1.3	.2																										210	210	224	161	
34/ 33	.7	2.4	2.5	1.0	.1																										173	173	213	177	
32/ 31	.1	3.1	2.1	.6																											156	156	171	191	
30/ 29	.1	2.5	1.8	.2																											121	121	190	184	
28/ 27	.1	1.3	.8	.0																											60	60	148	166	
26/ 25	.0	.6	.4																												27	27	85	171	
24/ 23		.3	.5																												21	21	30	120	
22/ 21		.3	.1																												11	11	16	106	
20/ 19		.1	.2																												6	6	19	50	
18/ 17		.0	.2																												6	6	4	67	
16/ 15		.1																													2	2	8	46	
14/ 13																																		4	18
12/ 11																																			16
10/ 9																																			10
8/ 7																																			9
6/ 5																																			2
4/ 3																																			4
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C

43-71

NOV
 MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19	20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
72/ 71			.1		.0														3	3			
70/ 69		.0	.3																7	11			
68/ 67		.3	.1																11	11	7	2	
66/ 65	.1	.2	.1	.1	.0														13	13	19	11	
64/ 63	.2	.3	.2	.1	.1														21	21	11	19	
62/ 61	.4	.6	.1	.0															30	30	18	17	
60/ 59	.5	1.0	.3	.3	.0	.1													60	60	46	33	
58/ 57	.4	1.4	.2	.3		.0	.0												84	64	45	45	
56/ 55	1.0	1.4	.5	.4	.2	.1													94	94	81	66	
54/ 53	.6	1.3	1.0	.5	.5	.2	.1												104	104	60	50	
52/ 51	.5	2.1	.6	1.1	.4	.1													126	126	80	65	
50/ 49	.8	1.2	1.3	.9	.7	.1													128	128	101	74	
48/ 47	.5	2.0	1.7	1.3	1.0	.1													171	171	99	89	
46/ 45	.7	2.1	1.6	1.9	.3	.0	.0												180	180	159	89	
44/ 43	.5	2.3	2.3	1.2	.8		.0												183	183	140	93	
42/ 41	.4	2.5	2.3	1.5	.5	.1	.0												193	193	190	116	
40/ 39	.7	2.5	3.2	1.7	.4														220	220	199	143	
38/ 37	.3	2.7	2.9	1.0	.2														185	185	208	146	
36/ 35	.5	3.2	3.5	1.3	.2														224	227	220	169	
34/ 33	.4	2.7	2.1	1.1															164	164	224	171	
32/ 31	.3	2.8	2.2	.7															157	157	204	192	
30/ 29	.3	2.2	1.3	.3															113	113	163	200	
28/ 27	.1	1.0	.7																61	61	154	145	
26/ 25		1.0	.5																40	40	76	174	
24/ 23		.5	.4																23	23	43	126	
22/ 21		.3	.2																13	13	26	100	
20/ 19		.2	.1																7	7	13	62	
18/ 17		.0	.1																3	3	9	70	
16/ 15		.0																	1	1	2	42	
14/ 13		.0																	1	1	3	27	
12/ 11																					1	19	
10/ 9																						13	
8/ 7																						3	
6/ 5																						4	
Element (X)	Σ X ²		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature												
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total						
Dry Bulb																							
Wet Bulb																							
Dew Point																							

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C 43-71

STATION MONTH YEARS

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						.0												1	1		
78/ 77						.0	.0	.0										3	3		
76/ 75				.0	.1	.1	.0											6	6		
74/ 73				.1	.0	.0	.0											4	4		
72/ 71			.2	.3			.1											14	14		
70/ 69		.0	.3	.2	.1	.1	.2	.1	.0	.0								24	24	3	
68/ 67	.1	.2	.0	.3	.2	.1	.0	.2	.0									31	31	16 5	
66/ 65	.2	.2	.3	.2	.2	.1	.3	.2	.1									49	49	26 15	
64/ 63	.1	.3	.3	.2	.1	.3	.4	.2										50	50	15 23	
62/ 61	.4	.4	.3	.7	.5	.7	.5	.2	.0									97	97	42 25	
60/ 59	.5	1.2	.6	.5	.7	1.1	.7	.1	.0	.0								139	139	60 36	
58/ 57	.2	.8	.8	.6	1.1	1.0	.6	.2	.1									134	134	55 55	
56/ 55	.5	1.1	.8	.6	1.7	1.1	.4	.2										165	165	80 59	
54/ 53	.3	1.3	1.0	1.0	1.7	.9	.5	.0										182	183	121 65	
52/ 51	.6	.6	.9	1.6	1.5	1.0	.5	.0										176	176	149 77	
50/ 49	.3	.8	1.2	1.4	2.6	1.3	.1											202	203	139 74	
48/ 47	.2	1.2	1.1	1.6	2.3	1.0	.2											199	199	179 77	
46/ 45	.5	1.2	1.2	2.9	2.5	.6	.0											232	232	214 96	
44/ 43	.2	.9	1.0	2.6	2.3	.3	.0											190	190	173 119	
42/ 41	.3	.6	1.6	2.8	1.5	.2	.0											180	180	234 154	
40/ 39	.5	.7	1.4	2.2	1.6	.2												172	174	224 153	
38/ 37	.1	.6	1.3	2.0	.6													119	120	237 163	
36/ 35	.2	.5	1.3	1.6	.3													101	101	197 143	
34/ 33	.0	.6	.7	.7	.2													59	59	136 164	
32/ 31		.2	.5	.5	.1													32	32	142 207	
30/ 29	.1	.2	.2	.3														21	21	81 148	
28/ 27		.1	.0	.1														6	6	32 153	
26/ 25		.0	.1	.1														6	6	22 193	
24/ 23			.0															1	1	10 102	
22/ 21		.1	.1	.0														6	6	7 95	
20/ 19																				4 53	
18/ 17																				2 52	
16/ 15																				1 26	
14/ 13																					24
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13795 ANDREWS AFB WASHINGTON D C 43-71

NOV
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
12/ 11																					13
10/ 9																					16
8/ 7																					7
6/ 5																					5
4/ 3																					1
2/ 1																					1
0/ -1																					1
-2/ -3																					1
TOTAL	5.3	13.7	17.5	24.9	21.8	10.3	4.7	1.4	.3	.1								2606	2601	2601	
																		2601			

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.	11397141	165485	63.6	18.276	2601							
Dry Bulb	6416942	127028	48.7	9.294	2606		2.5	2.9	.5			90
Wet Bulb	5163663	112319	43.2	9.059	2601		10.4	.7				90
Dew Point	3760419	93857	36.1	11.987	2601	.1	38.0	.2				90

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13/05 ANDRIWS AFB WASHINGTON, D C

43-71

XXIV
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														
84/ 83									.1									2	2																	
82/ 81							.0	.0	.0									3	3																	
80/ 79						.0	.1	.0	.0									5	5																	
78/ 77					.1	.2	.1	.1	.0									13	13																	
76/ 75				.1	.2	.1	.1	.1	.1	.1								23	23																	
74/ 73			.1	.1	.2	.1	.0	.2	.2	.1	.1							31	31																	
72/ 71			.0	.1	.3	.1	.2	.3	.5	.2								45	45	2																
70/ 69		.1	.2	.2	.3	.2	.5	.8	.5	.3	.0							81	81	7	1															
68/ 67	.1	.0	.2	.3	.2	.5	.4	.8	.5	.2								84	84	31	7															
66/ 65		.3	.4	.2	.6	.6	.7	.7	.3	.0	.0							102	102	24	12															
64/ 63	.2	.5	.3	.6	.6	.6	.9	.7	.3	.1	.0							125	125	43	31															
62/ 61	.1	.9	.5	.5	.5	1.2	.9	.8	.4	.2								154	154	44	36															
60/ 59	.3	.5	.4	.4	.9	1.0	1.4	.6	.1									143	143	63	55															
58/ 57	.1	.5	.5	.9	.8	1.2	1.2	1.1	.1									167	167	113	32															
56/ 55	.2	1.0	.9	.5	1.0	2.0	1.0	.9	.0									197	200	132	56															
54/ 53	.3	.5	.5	.8	1.1	1.8	1.4	.2	.0									172	172	168	81															
52/ 51	.2	.5	.4	.7	2.1	2.5	.9											186	187	164	62															
50/ 49	.2	.5	.5	.5	2.5	2.9	.6											199	199	157	80															
48/ 47	.1	.5	.3	.9	2.4	1.9	.7											177	179	162	97															
46/ 45	.3	.5	.3	1.0	2.8	1.4	.1											167	168	209	100															
44/ 43	.2	.5	.4	1.2	2.0	.9	.1											138	138	211	121															
42/ 41	.1	.5	.1	1.7	1.8	.7												128	127	227	133															
40/ 39	.3	.3	.5	1.0	1.0	.5												91	91	222	131															
38/ 37	.2	.3	.4	.6	.9	.2												57	57	187	131															
36/ 35	.3	.3	.5	.3	.7	.0												60	60	157	151															
34/ 33	.1	.3	.1	.1	.2													21	21	119	157															
32/ 31		.3	.0	.2	.1													16	16	73	157															
30/ 29		.1	.0	.1														5	5	41	177															
28/ 27			.0															1	1	23	182															
26/ 25				.1														2	2	10	146															
24/ 23			.0															1	1	2	150															
22/ 21																				1	95															
20/ 19																				2	58															
18/ 17																					37															
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C 43-71 RIV
STATION STATION NAME YEARS MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
16/ 15																					42
14/ 13																					19
12/ 11																					23
10/ 9																					12
8/ 7																					7
6/ 5																					4
4/ 3																					6
2/ 1																					1
TOTAL	3.1	8.8	7.7	13.1	23.1	21.0	11.3	7.2	3.2	1.2	.3						2598	2604	2598	2598	
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel Hum.	8648222	141402	54.4	19.147	2598	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	7698804	139156	53.4	10.040	2604		.9	9.9	2.7	.3		90									
Wet Bulb	5604962	118348	45.6	9.073	2598		5.3	1.4				90									
Dew Point	3789400	93844	36.1	2.404	2598		38.7	.3				90									

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D.C.

42-71

YEARS

Mo. Y.

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21	22	23-24	25-26	27-28	29-30	≥ 31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point														
84/ 83							.0	.0										2	2																	
82/ 81							.0	.1										3	3																	
80/ 79						.1	.1	.1										5	5																	
78/ 77					.0	.0	.1	.1										4	4																	
76/ 75				.1	.2	.1	.2	.1	.0	.0				.0				20	20																	
74/ 73				.1	.2	.0	.1	.1	.1	.1						.1		21	21																	
72/ 71			.1	.1	.1	.1	.2	.3	.5	.1	.0							38	38	2																
70/ 69		.0	.2	.2	.1	.3	.3	.5	.4	.2								55	55	8	1															
68/ 67	.0	.0	.4	.0	.3	.2	.3	.7	.3	.2								63	63	13	2															
66/ 65	.1	.3	.4	.4	.4	.7	.6	.6	.1	.2								94	96	24	10															
64/ 63	.1	.6	.5	.8	.6	.8	.8	.8	.2	.0	.1							139	139	44	26															
62/ 61	.1	.5	.3	.5	.8	1.0	.9	.5	.3	.2								137	137	43	40															
60/ 59	.5	.6	.4	.7	.8	1.0	1.0	.4	.3	.0								152	152	83	42															
58/ 57	.3	.7	.5	.8	.9	.8	1.2	.5	.1									154	155	95	45															
56/ 55	.2	1.0	.8	.7	1.3	2.0	1.2	.9	.1									215	215	129	72															
54/ 53	.2	.8	.7	.7	1.7	1.3	.8	.3										171	171	153	70															
52/ 51	.2	.5	.6	.7	1.5	1.6	1.0											157	157	173	72															
50/ 49	.1	.2	.7	1.0	2.4	2.3	.8											193	193	152	84															
48/ 47	.2	.4	.5	1.2	2.6	1.5	.4											177	178	144	89															
46/ 45	.2	.6	.5	1.7	2.6	1.4	.2											185	185	205	100															
44/ 43	.2	.8	.6	1.8	2.1	.9	.1											168	168	209	122															
42/ 41	.2	.3	.5	1.8	1.7	.7	.2											136	136	205	141															
40/ 39	.1	.3	.7	1.3	1.2	.2												100	101	235	119															
38/ 37	.3	.5	.7	1.0	.2													84	84	211	145															
36/ 35	.2	.4	.4	.3	.7	.0												50	50	168	141															
34/ 33		.5	.3	.4	.3													41	41	119	162															
32/ 31		.3		.3	.1													16	16	81	172															
30/ 29		.1	.3	.1	.0													13	13	50	164															
28/ 27		.0		.0														2	2	33	148															
26/ 25				.0														1	1	15	170															
24/ 23		.0	.0															2	2	3	134															
22/ 21																				4	100															
20/ 19																				1	50															
18/ 17																					46															
Element (X)	Σx ²	Σx		\bar{x}	s _x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.							≤ 0 F	- 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

USAFETAC FORM 0-26.5 (OL A) REVISED PERIODIC EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

13705 STATION ANDREWS AFB WASHINGTON D.C. STATION NAME 43-71 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															
16/ 15																																					42
14/ 13																																					30
12/ 11																																					21
10/ 9																																					13
8/ 7																																					5
6/ 5																																					5
4/ 3																																					4
2/ 1																																					4
TOTAL	3.2	9.0	10.0	16.4	23.6	17.3	10.3	0.0	2.5	.8	.2	.0																									2602
																																					2602

Element (X)	Σx'	Σx	X	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	> 67 F	≤ 73 F	> 80 F	≤ 93 F	
Rel. Hum	2262124	146	56.5	1.276	2602							
Dry Bulb	7412949	136502	52.4	9.991	2605		1.2	7.3	1.9	.2		9.6
Wet Bulb	5495132	117192	45.0	9.132	2602		6.5	.8				9.6
Dew Point	3796515	93955	36.1	12.462	2602		38.4	.1				5.0

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D.C. 42-71

N.
MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb
76/ 75				.1													2	2		
74/ 73				.3													6	6		
72/ 71			.0	.3													10	10		
70/ 69		.1	.2	.2	.1												15	15	1	
68/ 67		.2	.2	.1	.1			.0									19	19	11	2
66/ 65		.4	.3	.2	.1	.2	.0										39	39	13	6
64/ 63	.2	.5	.0	.1	.2	.3	.1	.0									46	46	29	26
62/ 61	.2	1.0	.4	.5	.4	.2	.3	.2	.0								84	84	33	25
60/ 59	.3	1.0	.5	.3	.7	.5	.3	.1									99	99	58	40
58/ 57	.8	1.4	.5	.6	.7	.8	.2	.0									133	134	78	60
56/ 55	.6	.9	1.2	.8	.9	.4	.3	.0									131	131	81	67
54/ 53	.3	.9	1.3	1.0	.7	.2	.1										151	151	86	64
52/ 51	.2	1.1	1.5	1.8	1.1	.9	.5										188	188	116	58
50/ 49	.3	.7	1.2	2.3	1.5	.6	.2	.0									175	175	140	69
48/ 47	.3	1.1	1.5	2.1	2.0	.5	.2										199	199	146	99
46/ 45	.3	1.1	1.5	2.7	1.7	.6											207	207	165	99
44/ 43	.3	1.0	1.8	2.2	1.5	.3	.0										187	187	210	119
42/ 41	.5	1.2	2.5	3.2	1.2	.2											222	222	193	136
40/ 39	.3	.7	2.7	3.1	1.0												202	202	237	136
38/ 37	.6	.9	2.5	1.8	.8	.0											172	172	241	155
36/ 35	.1	.8	1.9	1.3	.3												113	113	234	153
34/ 33		1.0	.0	.6	.5												76	76	183	181
32/ 31		.5	.9	.5	.1												52	52	129	189
30/ 29	.1	.2	.9	.4	.0												42	42	84	96
28/ 27		.0	.2	.3													14	14	58	178
26/ 25		.1	.2	.0													7	7	44	127
24/ 23		.1	.1	.0													6	6	15	110
22/ 21		.1	.0														4	4	8	83
20/ 19																			7	61
18/ 17																			1	48
16/ 15																				38
14/ 13																				29
12/ 11																				19
10/ 9																				9
Element (X)	Σ X ²		Σ X		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature									
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 47 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13775 STATION ADDLETS AFB WASHINGTON D C 43-71

YEARS

NOV MONTH

PAGE 2 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																			
8/ 7																																						3	
6/ 5																																						2	
4/ 3																																						6	
2/ 1																																						3	
TOTAL	5.2	7.0	24.6	27.6	16.2	6.6	2.7	.7	.6																											2601	2602	2601	

Element (X)	Σx^2	Σx	\bar{x}	s_x^2	No. Obs.	Mean No. of Hours with Temperature						
Rel Hum	12423946	174038	66.9	17.306	2601	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	5993607	122509	47.1	9.312	2602		4.3	1.8	.3			90
Wet Bulb	4862622	109878	42.2	9.238	2601		12.0	.4				90
Dew Point	3733133	93469	35.9	11.998	2601		38.3	.1				90

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705
 STATION

ANDREWS AFB WASHINGTON D.C.
 STATION NAME

43-71
 YEARS

NOV
 MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point														
76/ 75					.0													1		1																
74/ 73							.1											2		2																
72/ 71			.1	.1														5		5																
70/ 69		.2	.1	.1	.1	.1												15		15																
68/ 67		.1	.2	.2	.0	.0												16		16	13															
66/ 65		.2	.3	.3	.1	.0												21		21	6	6														
64/ 63	.1	.3	.3	.2	.2	.1	.0	.0										33		33	21	16														
62/ 61	.3	.5	.3	.0	.4	.1	.1	.0										47		47	34	22														
60/ 59	.5	1.0	1.1	.5	.4	.0	.2	.2										103		103	50	39														
58/ 57	.7	1.4	.4	.4	.3	.2	.2											94		94	79	47														
56/ 55	.7	1.2	.6	.0	.5	.4	.2	.2										115		115	78	74														
54/ 53	.2	1.4	1.2	1.0	.7	.5	.1	.1										125		125	73	72														
52/ 51	.3	1.5	1.2	.7	1.0	.2	.2											129		131	80	52														
50/ 49	.3	1.5	1.5	1.6	1.0	.3												129		150	117	82														
48/ 47	.3	1.1	2.0	1.4	1.2	.5	.1											172		172	132	93														
46/ 45	.4	1.7	2.0	2.5	.8	.4												205		205	158	94														
44/ 43	.5	1.5	2.8	2.1	.7	.1												203		203	186	113														
42/ 41	.4	1.8	2.5	2.0	.7	.0												193		193	169	105														
40/ 39	.7	1.0	2.8	2.8	1.1	.1												237		237	266	154														
38/ 37	.5	1.4	3.5	2.6	.5													207		207	209	152														
36/ 35	.1	1.5	2.4	1.7	.1													150		150	195	147														
34/ 33	.1	1.6	2.2	1.7	.1													146		146	219	196														
32/ 31	.2	1.3	.8	.3														68		68	180	191														
30/ 29	.2	.7	1.1	.3														65		65	147	197														
28/ 27			.8	.3														38		38	78	148														
26/ 25		.2	.2	.1														13		14	44	148														
24/ 23		.3	.1	.1														12		12	26	106														
22/ 21		.2	.2															9		9	20	96														
20/ 19		.2	.0															5		5	9	73														
18/ 17																					8	62														
16/ 15																					1	31														
14/ 13																						33														
12/ 11																						15														
10/ 9																						10														
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13765 AMERHS AFB WASHINGTON D C
STATION STATION NAME

43-71
YEARS

N.S.V.
MONTH

PAGE 2 2100-2300
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21	22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point	
8/7																							7
6/5																							3
4/3																							1
2/1																							1
-2/-3																							2
-6/-7																							1
TOTAL	6.0	24.0	30.8	23.3	9.9	3.1	1.2	.3												2598	2602	2598	2598

Element (X)	Σ x²	Σ x	̄x	s _x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	13943089	185493	71.4	16.415	2598							
Dry Bulb	5461582	116600	44.8	9.536	2602		7.3	1.3	.1			9.0
Wet Bulb	4578843	106219	40.9	9.535	2598		17.0	.5				9.0
Dew Point	3657374	92386	35.6	11.970	2598	.1	39.1	.1				9.0

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C

43-71

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
70/ 69				.0	.0													2	2		
66/ 65		.1																4	4		
64/ 63	.0	.1	.0	.0														5	5	5	1
62/ 61		.4	.1	.2	.1													21	21	3	4
60/ 59		.2	.2	.1	.1		.0											15	15	10	9
58/ 57	.3	.3	.2	.2			.0											26	26	21	10
56/ 55	.3	.4	.2	.3	.1		.0	.0										35	35	23	19
54/ 53	.3	.5	.3	.4	.0													33	33	31	29
52/ 51	.5	.5		.1	.0	.1												32	32	42	29
50/ 49	.3	.6	.3	.3	.2	.1	.1											48	52	33	30
48/ 47	.5	.8	.6	.5	.5	.2	.0											80	81	38	40
46/ 45	.5	1.5	.6	.6	.5	.1												107	109	56	40
44/ 43	.3	1.3	1.1	.9	.4	.2												109	111	83	55
42/ 41	.5	1.6	1.1	1.0	.3	.1												121	122	72	67
40/ 39	1.0	1.8	2.1	1.5	1.0	.1												198	199	156	74
38/ 37	.8	1.4	2.9	2.0	.5	.0												196	197	136	83
36/ 35	.7	2.4	2.3	1.8	.2	.0												194	204	159	81
34/ 33	.7	3.0	3.9	1.7	.1													239	239	221	119
32/ 31	.5	2.3	3.1	1.2	.1													199	205	252	158
30/ 29	.2	2.9	4.2	1.3	.1													228	231	204	168
28/ 27	.2	2.5	3.3	.8														181	184	232	124
26/ 25	.2	2.6	2.9	.3														160	160	218	166
24/ 23	.3	1.6	2.5	.2														120	120	196	148
22/ 21	.6	1.6	2.3	.1														105	105	113	198
20/ 19	.2	1.5	1.3	.0														80	80	119	149
18/ 17		.8	.8															43	43	102	165
16/ 15	.0	.7	.5															32	35	53	147
14/ 13	.1	.4	.5															26	28	34	119
12/ 11	.1	.3																9	10	27	87
10/ 9		.0																1	1	13	78
8/ 7	.1																	2	2	3	50
6/ 5																					78
4/ 3																					47
2/ 1																					27
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR EARTH SERVICE/MAC

PSYCHROMETRIC SUMMARY

13715 ANDREWS AFB WASHINGTON D C 43-71

STATION NAME YEARS MONTH
 PAGE 1 C300-0500
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point					
64/ 63		.1	.1															6	6							
62/ 61		.2	.0			.0												5	8	3	2					
60/ 59	.0	.3	.3	.1	.0													22	22	10	7					
58/ 57	.2	.2	.1	.3	.0													22	22	21	13					
56/ 55	.3	.3	.3	.2														29	29	19	22					
54/ 53	.1	.5	.1	.1														26	27	27	12					
52/ 51	.5	.6	.3	.1	.0		.1											41	42	38	32					
50/ 49	.2	.5	.2	.1	.2	.0												32	33	32	34					
48/ 47	.5	1.2	.3	.4	.2	.1												76	76	40	36					
46/ 45	.7	1.1	.5	.5	.2	.0	.0											84	84	59	53					
44/ 43	.7	1.2	.9	.4	.4	.0												106	110	68	55					
42/ 41	.8	1.1	.8	.8	.3	.0												102	104	81	58					
40/ 39	.8	1.8	2.4	1.3	.4	.1												179	181	112	51					
38/ 37	.5	1.8	2.4	2.1	.4													187	191	115	73					
36/ 35	1.1	2.8	3.1	2.1	.1													241	245	176	104					
34/ 33	.6	3.0	3.0	1.4	.0													211	211	221	120					
32/ 31	.9	2.2	3.5	1.7	.1													267	211	248	155					
30/ 29	.5	3.3	3.1	.5	.0													203	209	217	140					
28/ 27	.4	3.4	3.2	.3														194	197	221	127					
26/ 25	.2	2.9	2.9	.2														163	163	198	179					
24/ 23	.1	2.5	1.7	.1														116	116	185	176					
22/ 21	.1	2.0	2.5	.0														127	127	145	191					
20/ 19	.1	2.6	1.4															111	111	117	148					
18/ 17	.1	1.7	.5	.0														61	61	142	136					
16/ 15	.0	.9	.5															40	43	57	162					
14/ 13		.6	.2															23	26	37	120					
12/ 11		.6	.2															19	19	25	115					
10/ 9	.1	.3	.0															11	11	24	68					
8/ 7	.1																	2	2	12	58					
6/ 5																					57					
4/ 3																					56					
2/ 1																					40					
0/ -1																					17					
-2/ -3																					10					
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total														
Rel Hum.						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\leq 93 F$															
Dry Bulb																										
Wet Bulb																										
Dew Point																										

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C

43-71

C. C.

STATION

STATION NAME

YEARS

MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
	0	1	2	3-4	5	6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31								
-4/-5																										13	
-6/-7																										3	
-8/-9																										3	
-10/-11																										1	
-12/-13																										1	
-14/-15																										1	
TOTAL	9.4	39.8	34.9	12.7	2.5	.5	.2	.0																	2687	2649	
																									2649		

Element (X)	Σ x'	Σ x	x̄	s _x	No. Obs.	Mean No. of Hours with Temperature					Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	
Rel Hum.	14337305	190079	71.8	16.238	2649						
Dry Bulb	3244239	89387	33.3	10.038	2687		44.9				93
Wet Bulb	2721776	80874	30.5	9.960	2649		57.2				93
Dew Point	2046948	65354	24.7	12.811	2649	1.7	69.4				93

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANLPIWS AFB WASHINGTON D C

43-71

DEC
 MONTH

PAGE 1 6600-0800
 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
64/ 63			.1															2	2		
62/ 61		.1	.1															11	11	3	
60/ 59	.2	.2	.3	.4														28	28	14	10
58/ 57	.1	.2	.2	.3														15	15	12	12
56/ 55	.3	.3	.3	.4			.0											23	23	20	16
54/ 53	.2	.3	.2	.1	.0													33	33	32	19
52/ 51	.3	.4	.4	.2		.1												35	37	34	29
50/ 49	.3	.3	.1	.4	.3													44	44	33	36
48/ 47	.5	1.0	.5	.1	.0	.1												56	56	36	36
46/ 45	.7	1.1	.5	.5	.3	.2												88	86	58	44
44/ 43	.6	.9	.6	.4	.2	.0												78	82	72	50
42/ 41	.9	1.7	1.1	.8	.5	.0												131	134	75	57
40/ 39	.6	1.6	1.0	.9	.3	.0												140	142	97	58
38/ 37	.5	2.2	2.3	1.6	.4													187	191	130	80
36/ 35	.9	2.8	2.9	1.8	.2													226	227	163	100
34/ 33	.4	3.4	3.4	1.2	.1													226	229	175	115
32/ 31	1.2	3.4	2.8	1.1														227	228	276	149
30/ 29	.4	3.2	3.8	1.1	.0													229	236	233	147
28/ 27	.2	2.5	3.0	.5														161	164	222	129
26/ 25	.3	3.2	2.5	.2														174	174	200	168
24/ 23	.2	2.9	1.6															126	126	188	180
22/ 21	.2	2.8	2.1															136	136	161	168
20/ 19	.2	2.0	1.9	.0														108	108	130	157
18/ 17		1.5	.8															62	63	98	177
16/ 15	.0	1.1	.3															37	37	83	152
14/ 13		1.0	.2															33	38	37	126
12/ 11	.1	.7	.1															23	23	41	91
10/ 9	.1	.3	.1															12	12	19	72
8/ 7			.0															1	1	10	71
6/ 5																				1	61
4/ 3																					41
2/ 1																					38
0/ -1																					22
-2/ -3																					14
Element (X)	Σ X ²		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature										
Rel. Hum											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total				
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C
 STATION STATION NAME

43-71
 YEARS

DEC
 MONTH

PAGE 2 0600-0800
 HOURS (L.S.T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B	Dry Bulb	Wet Bulb	Dew Point				
-4/-5																					0				
-6/-7																					4				
-8/-9																					0				
-10/-11																					2				
-12/-13																					1				
-14/-15																					1				
TOTAL	9,342	034	311	4	2,5	.5												2653	2690	2653					

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.	14601916	192178	72.4	16.024	2653							93
Dry Bulb	3187495	88569	32.9	10.045	2690		46.5					93
Wet Bulb	2697516	80342	30.3	9.986	2653		59.6					93
Dew Point	2038967	65223	24.6	12.614	2653	2.0	69.6					93

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C 43-71

STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
68/ 67			.1		.2	.1												7	9		
66/ 65			.2	.1	.1		.1											11	11		
64/ 63	.1	.1	.1	.1	.2	.1		.7										17	17	5	1
62/ 61	.1	.3	.2	.1	.1	.2		.0	.0									25	25	11	6
60/ 59	.1	.2	.1	.2	.1			.1										21	21	21	12
58/ 57	.1	.1	.3	.2	.3	.0	.1	.1										30	32	17	13
56/ 55	.0	.6	.3	.2	.2	.2	.1	.0										44	47	23	13
54/ 53	.2	.3	.2	.2	.3	.4	.1	.3										46	46	37	31
52/ 51	.2	.4	.3	.2	.5	.5	.2											56	57	35	26
50/ 49	.3	.7	.5	.9	.9	.2	.0	.0										96	97	33	33
48/ 47	.3	.9	.7	.8	.9	.5												109	109	56	28
46/ 45	.6	1.2	.7	1.1	1.1	.4	.3											136	136	86	62
44/ 43	.5	.8	1.0	1.4	.9	.4	.0											136	137	112	68
42/ 41	.6	1.2	1.2	1.7	1.3	.3												172	172	117	55
40/ 39	.7	1.6	2.1	2.4	1.4	.2	.0											225	225	164	76
38/ 37	.5	1.5	1.6	3.2	1.1	.2												216	217	186	94
36/ 35	.5	1.8	3.1	3.6	.8	.0												261	261	187	104
34/ 33	.5	2.2	2.4	2.6	.5													217	218	223	145
32/ 31	.5	2.0	2.8	2.1	.4													206	206	289	147
30/ 29	.2	1.4	2.0	1.8	.2													161	169	258	150
28/ 27	.2	.9	2.7	.9	.1													128	130	186	147
26/ 25	.2	1.1	2.2	.8														114	114	167	172
24/ 23	.1	.7	1.5	.5														73	74	146	193
22/ 21	.1	.5	1.5	.4														65	67	99	163
20/ 19	.1	.4	.9	.0														38	39	87	156
18/ 17		.4	.6	.0														27	28	49	124
16/ 15	.0	.3																13	13	41	131
14/ 13		.0	.1															4	4	16	115
12/ 11		.0	.2															5	5	7	107
10/ 9		.0																1	1	4	58
8/ 7																				3	52
6/ 5																					46
4/ 3																					44
2/ 1																					41
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature															
Rel Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C 43-71 0900-1100
STATION STATION NAME YEARS MONTH HOURS (L. S. T.)

PAGE 2 0900-1100 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
0/ -1																					17
-2/ -3																					2
-4/ -5																					7
-6/ -7																					9
-8/ -9																					7
-10/-11																					1
-12/-13																					1
TOTAL	6.5	21.5	30.6	25.4	11.3	3.6	.6	.3	.1									2649		2661	
																	2661		2661		

Element (Y)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean. No. of Hours with Temperature						
Rel. Hum.	11964989	171579	64.5	18.412	2661	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	4035248	100690	37.4	9.927	2689		29.5	3				33
Wet Bulb	3205323	88799	33.4	9.539	2661		47.3					93
Dew Point	2208544	68572	25.8	12.883	2661	1.6	66.2					91

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13702 ANDREWS AFB WASHINGTON D C

43-71

DEC

STATION

STATION NAME

YEARS

MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL																																																																																											
	0	1	2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																																																																																												
76/75									.0											1	1																																																																																													
74/73									.0											1	1																																																																																													
72/71								.0	.1											3	5																																																																																													
70/69				.1	.1	.0	.3	.2	.1	.0										21	21																																																																																													
68/67		.0	.2	.1	.1	.0	.1	.1	.1	.0										16	16	1																																																																																												
66/65				.1	.2	.3	.1	.1	.1	.0										24	24	4	?																																																																																											
64/63	.0	.1	.2	.2	.1	.3	.1	.1	.1	.0										32	33	9	?																																																																																											
62/61	.0	.2	.3	.3	.1	.2	.1	.1	.1	.0										43	46	17	11																																																																																											
60/59	.0	.1	.3	.3	.2	.2	.4	.3	.2											54	55	24	11																																																																																											
58/57	.0	.3	.4	.2	.1	.2	.4	.2												47	53	34	9																																																																																											
56/55	.1	.4	.3	.3	.7	.6	.5	.5	.0											85	85	42	30																																																																																											
54/53	.0	.1	.3	.4	.6	.7	.7	.3	.2											90	90	40	32																																																																																											
52/51	.2	.5	.5	.4	.7	.9	.4	.2	.0											97	97	40	32																																																																																											
50/49	.2	.7	.5	.9	1.4	1.1	.5	.0	.0											143	143	64	34																																																																																											
48/47	.2	.6	.3	.5	1.5	1.0	.3	.0												120	120	81	50																																																																																											
46/45	.4	.8	.5	1.5	1.7	1.1	.5	.1												171	171	125	48																																																																																											
44/43	.3	1.1	.8	1.8	1.7	1.1	.2													175	178	125	68																																																																																											
42/41	.5	1.2	.9	2.4	2.1	.9	.1													216	216	167	66																																																																																											
40/39	.4	1.3	1.2	1.7	3.1	1.0														229	231	199	97																																																																																											
38/37	.3	.9	1.2	3.2	1.9	.3														204	204	189	84																																																																																											
36/35	.5	1.4	2.0	2.7	1.8	.1														221	221	231	95																																																																																											
34/33	.3	1.5	.9	2.3	.9	.0														159	160	220	154																																																																																											
32/31	.5	1.1	1.4	2.5	.5															157	161	307	137																																																																																											
30/29	.3	.5	1.2	2.1	.5															125	125	194	162																																																																																											
28/27	.1	.5	1.1	1.4	.0															85	86	156	137																																																																																											
26/25	.1	.5	.3	2.0	.0															62	64	141	159																																																																																											
24/23	.0	.2	.5	.5																35	36	95	160																																																																																											
22/21		.3	.3																	20	20	66	161																																																																																											
20/19		.2	.3	.1																16	16	47	141																																																																																											
18/17		.0	.1																	3	3	24	140																																																																																											
16/15			.2																	4	4	10	128																																																																																											
14/13			.1																	1	1	2	120																																																																																											
12/11																						5	112																																																																																											
10/9																							72																																																																																											
Element (X)	$\Sigma X'$																				ΣX																				\bar{X}																				σ_X																				No. Obs.																				Mean No. of Hours with Temperature													
Rel. Hum.																																																																																																					≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																																																																																																																		
Wet Bulb																																																																																																																		
Dew Point																																																																																																																		

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

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANOKW5 AFB WASHINGTON D C 43-71 6 LC
STATION STATION NAME YEARS MONTH
PAGE 2 1200-1400
HOURS (L S, T)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL															
	0	1-2	3-4	5-6	7-8	9-10	11-12	13	14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																											
8/ 7																																											51						
6/ 5																																												42					
4/ 3																																												28					
2/ 1																																												25					
0/ -1																																												16					
-2/ -3																																												5					
-4/ -5																																												8					
-6/ -7																																												5					
-8/ -9																																												3					
-10/-11																																												1					
-12/-13																																												1					
TOTAL	4.5	14.4	17.1	12.6	8.9	9.1	10.1	4.6	2.0	.8	.2																																2661	2687	2661				
																																															2661	2661	
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs		Mean No. of Hours with Temperature							Total																																			
Rel. Hum	9905539	153333	57.620	0.958	2661		≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																																				
Dry Bulb	4969876	112128	41.710	4.405	687			17.9	1.5	.1																																	73						
Wet Bulb	3700125	95989	36.1	9.450	2661			36.7	.0																																			3					
Dew Point	37213	70767	26.613	0.82	2661		1.4	64.2																																			62						

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANOKIWS AFB WASHINGTON D C 43-71

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															
72/ 71					.0	.1	.0	.0										6	6																
70/ 69				.1	.0	.1	.1	.0	.0									13	13																
68/ 67			.0	.1	.1	.1	.0	.1	.0	.1								15	15																
66/ 65		.0	.1	.1	.1	.1	.1	.0										19	19	2															
64/ 63		.2	.1	.3	.1	.1	.1	.1	.1	.0	.0							28	28	7	1														
62/ 61		.2	.1	.2	.1	.2	.2	.2	.1									39	40	21	11														
60/ 59	.1	.1	.4	.2	.3	.3	.3	.1	.1	.0								49	51	17	13														
58/ 57	.3	.1	.3	.4	.3	.1	.4	.2	.1									60	62	38	15														
56/ 55	.1	.1	.2	.4	.3	.4	.5	.4										64	66	29	21														
54/ 53	.0	.4	.5	.4	.8	.5	.5	.1	.0									89	89	37	31														
52/ 51	.2	.4	.4	.4	.9	.7	.6	.2										104	106	51	29														
50/ 49	.1	.5	.7	.8	.7	.9	.5											114	116	66	36														
48/ 47	.2	.7	.5	.9	1.4	.8	.4	.0										134	134	74	38														
46/ 45	.1	1.0	.9	1.5	1.6	.2	.3	.0										170	170	111	42														
44/ 43	.7	.7	.7	1.6	1.6	.7	.1											164	164	139	77														
42/ 41	.4	1.5	1.1	1.7	2.1	.5	.3											204	204	149	87														
40/ 39	.5	1.0	1.4	2.7	2.6	.7	.1											240	241	200	91														
38/ 37	.3	1.2	1.5	3.2	1.8	.1												210	210	190	74														
36/ 35	.7	1.0	1.9	2.5	1.9	.1												218	218	231	139														
34/ 33	.3	1.9	1.4	2.5	1.0	.0												198	199	228	114														
32/ 31	.3	.7	1.5	2.7	.6	.0												155	162	271	149														
30/ 29	.4	.4	1.3	2.2	.4													127	129	209	163														
28/ 27	.3	.7	.9	1.5	.0													91	91	188	141														
26/ 25	.2	.6	.7	1.4														76	77	147	199														
24/ 23		.2	.5	.5														32	34	102	149														
22/ 21		.2	.4	.3														25	26	76	162														
20/ 19		.0	.2	.2														11	11	44	133														
18/ 17			.1															4	4	25	124														
16/ 15		.0																1	1	8	145														
14/ 13																				8	113														
12/ 11																					63														
10/ 9																					65														
8/ 7																					61														
6/ 5																					48														
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D.C. 43-71
STATION STATION NAME

43-71

YEARS

F.Y.C.
MONTH

PAGE 1 1900-2000
HOURS (L. 5, 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																
70/ 69					.1																															
68/ 67			.1		.0	.2																														
66/ 65		.1	.0		.0																															
64/ 63		.0	.1	.1	.0	.1	.1	.0																												
62/ 61		.3	.2	.1	.1	.0	.0																													
60/ 59	.1	.2	.4		.2		.0	.0																												
58/ 57	.3	.2	.2	.3		.1	.1	.0																												
56/ 55	.3	.3	.2	.4	.1	.0	.1	.1																												
54/ 53		.4	.4	.2	.1	.3		.0																												
52/ 51	.1	.3	.3	.3	.3	.3	.1																													
50/ 49	.2	.7	.3	.6	.9	.2	.2	.1																												
48/ 47	.3	1.2	.4	.9	1.1	.6	.2																													
46/ 45	.2	1.3	.9	1.5	.6	.2	.0																													
44/ 43	.7	1.3	1.1	1.2	.9	.4																														
42/ 41	.7	1.8	1.5	1.9	.8	.3																														
40/ 39	.6	1.3	1.9	2.1	1.1	.1																														
38/ 37	.2	1.3	2.7	3.2	.6	.2																														
36/ 35	.7	1.4	2.2	3.0	1.0	.0																														
34/ 33	.8	2.0	3.2	2.1	.5	.0																														
32/ 31	.6	1.5	3.2	2.9	.3	.0																														
30/ 29	.3	1.4	3.2	1.8	.4																															
28/ 27	.2	1.2	2.9	.9																																
26/ 25	.2	1.0	2.0	.9																																
24/ 23	.1	1.0	2.1	.4																																
22/ 21		.5	.9	.3																																
20/ 19	.0	.2	1.1	.6																																
18/ 17		.1	.7																																	
16/ 15		.1	.2																																	
14/ 13																																				
12/ 11		.0																																		
10/ 9																																				
8/ 7																																				
6/ 5																																				
4/ 3																																				
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.						$\leq 32 F$	$\leq 37 F$	$\leq 47 F$	$\leq 57 F$	$\leq 67 F$	Total																									
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

13705 STATION ANDREWS AFB WASHINGTON D C 42-71 YEARS D.C. 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
2/ 1																					25
0/ -1																					26
-2/ -3																					7
-4/ -5																					11
-6/ -7																					3
-8/ -9																					4
TOTAL	6,721	632	825	49	4	3,0	.8	.4									2656	2688	2656	2656	

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	12225431	173467	65.318	371	2656							
Dry Bulb	4004051	100417	37.4	9.698	2688		31.1	.3				93
Wet Bulb	3201517	88733	33.4	9.450	2656		47.0					93
Dew Point	2239943	69135	26.0	12.879	2656	L.H	65.5					73

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D.C. 43-71

YEARS

DEC
MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
70/ 69					.1	.0												9	4		
68/ 67		.0	.0		.0	.0												4	4		
66/ 65		.1	.0		.0	.0												6	6	2	
64/ 63		.0	.2		.0	.0												7	9	5	3
62/ 61		.2	.2	.0	.0	.0												15	15	3	3
60/ 59	.1	.3	.2	.3	.1	.0												28	28	23	7
58/ 57	.1	.3	.4	.3	.1													30	30	18	24
56/ 55	.3	.3	.4	.1	.0	.1	.0											33	33	29	13
54/ 53	.2	.3	.3	.3	.2	.2		.0										41	41	32	25
52/ 51	.2	.4	.1	.2	.2	.0												32	34	36	23
50/ 49	.3	.5	.2	.3	.5	.2	.0											57	54	29	36
48/ 47	.2	1.2	.7	.7	.7	.2	.1											93	100	35	36
46/ 45	.3	1.2	.6	1.2	.4	.3												106	108	61	42
44/ 43	.6	1.5	1.0	.9	.7	.3	.0											134	134	91	62
42/ 41	.7	1.7	1.6	.9	.6	.2												149	150	105	68
40/ 39	.7	1.7	2.2	2.5	.8	.1	.0											213	214	158	81
38/ 37	.4	1.5	3.0	2.2	.3													203	204	152	86
36/ 35	.7	1.7	3.4	2.1	.5													224	229	166	99
34/ 33	.4	2.0	2.7	2.0	.3													217	218	242	108
32/ 31	.5	2.2	3.4	1.0	.2													212	215	248	167
30/ 29	.3	2.1	4.0	1.8	.3													223	226	218	156
28/ 27	.2	1.8	2.7	.8														146	150	213	154
26/ 25	.2	1.8	2.8	.7	.0													147	147	221	143
24/ 23	.2	1.2	2.0	.3														98	98	170	175
22/ 21	.2	1.6	2.0	.1														102	102	121	170
20/ 19	.0	.7	1.1															48	48	107	161
18/ 17		.5	.9															36	38	68	147
16/ 15	.0	.5	.5															28	29	41	140
14/ 13		.2	.3															13	15	35	128
12/ 11		.1																2	3	17	83
10/ 9		.0																1	1	6	66
8/ 7	.0																	1	1	1	56
6/ 5																					56
4/ 3																					40
Element (X)	ΣX^2	ΣX		\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.							≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C 43-71 D.L.C.
STATION STATION NAME YEARS MONTH

PAGE 2 2100-2300
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
2/ 1																					39
0/ -1																					27
-2/ -3																					11
-4/ -5																					1
-6/ -7																					3
-8/ -9																					4
-10/-11																					1
TOTAL	6.728	7.716	8.819	9.5	6.1	1.8	.3	.0											2690		2653
																			2653		

Element (X)	$\sum x^2$	$\sum x$	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	13060890	180318	68.0	17.377	2652							
Dry Bulb	3676965	95757	35.6	9.988	2690		37.2	.3				93
Wet Bulb	3003343	85399	32.2	9.794	2653		51.4					93
Dew Point	2165059	67547	25.5	12.956	2653	1.8	67.8					93

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13705 ANDREWS AFB WASHINGTON D C 43-72

STATION	STATION NAME	YEARS												ANNUAL
HRS II S T I		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
00-02	MEAN	32.4	33.2	39.9	49.6	58.2	66.1	70.6	69.3	63.2	53.2	43.8	34.3	51.3
	S D	10.644	9.759	9.751	9.020	7.578	6.399	4.672	5.210	7.636	8.440	9.586	10.006	16.142
	TOTAL OBS	2670	2438	2688	2594	2685	2560	2770	2689	2605	2692	2603	2691	31689
03-05	MEAN	31.3	31.9	38.1	47.6	56.2	64.3	69.0	67.6	61.7	51.5	42.5	33.3	49.7
	S D	10.796	9.892	9.721	8.878	7.642	6.423	4.784	5.272	7.756	8.701	9.685	10.038	16.016
	TOTAL OBS	2605	2439	2685	2596	2690	2575	2769	2690	2603	2691	2607	2687	31697
06-08	MEAN	30.7	31.3	38.3	49.3	59.4	68.3	72.2	70.0	63.3	52.4	42.2	32.9	51.0
	S D	10.710	9.991	9.778	8.917	7.648	6.678	5.101	5.377	7.739	8.514	9.584	10.045	17.255
	TOTAL OBS	2669	2437	2681	2595	2682	2570	2768	2681	2602	2691	2604	2690	31670
09-11	MEAN	34.6	36.3	44.6	56.6	66.6	75.5	79.5	77.7	71.3	60.6	48.7	37.4	57.6
	S D	10.465	10.043	10.863	10.109	8.693	7.646	5.704	5.962	8.044	8.359	9.294	9.927	18.403
	TOTAL OBS	2673	2438	2688	2589	2674	2573	2762	2694	2602	2691	2606	2689	31679
12-14	MEAN	39.1	40.9	49.5	61.4	71.2	79.7	83.5	82.0	75.8	65.7	53.4	41.7	62.2
	S D	11.016	10.680	12.068	11.204	9.479	8.269	6.190	6.406	8.630	9.076	10.040	10.405	18.674
	TOTAL OBS	2666	2437	2685	2594	2677	2573	2757	2680	2606	2691	2604	2667	31657
15-17	MEAN	39.3	41.7	50.6	62.4	71.6	79.9	83.4	82.1	75.6	65.0	52.4	41.2	62.3
	S D	10.952	10.677	12.106	11.103	9.359	8.197	6.357	6.251	8.425	8.911	9.991	10.146	18.572
	TOTAL OBS	2671	2435	2685	2590	2685	2575	2774	2695	2609	2690	2605	2694	31708
18-20	MEAN	35.4	37.5	45.7	57.3	66.3	74.6	78.0	76.1	68.9	58.1	47.1	37.4	57.0
	S D	10.385	9.679	10.536	9.828	8.351	7.325	5.625	5.691	7.821	8.058	9.312	9.698	17.579
	TOTAL OBS	2575	2434	2683	2584	2684	2576	2762	2690	2605	2696	2602	2688	31679
21-23	MEAN	33.9	35.0	42.0	52.7	61.1	69.0	72.9	71.3	64.9	54.9	44.4	35.6	53.3
	S D	10.529	9.643	9.775	9.001	7.575	6.375	4.722	5.194	7.553	8.247	9.536	9.988	16.424
	TOTAL OBS	2671	2437	2683	2586	2680	2538	2769	2695	2606	2682	2602	2690	31639
ALL HOURS	MEAN	34.6	36.0	43.6	54.6	63.8	72.2	76.1	74.5	68.1	57.7	46.9	36.7	55.5
	S D	11.118	10.692	11.534	11.143	10.002	9.163	7.621	7.826	9.566	10.034	10.453	10.513	18.023
	TOTAL OBS	21360	19495	21478	20728	21457	20540	22131	21514	20838	21924	20833	21516	253414

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

NET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13705 ANDREWS AFB WASHINGTON D C 43-72

STATION	STATION NAME												YEARS
HRS IL S T	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN 29.3 S D 10.343 TOTAL OBS 2586	30.1 9.351 2389	36.0 9.266 2684	45.0 8.624 2594	54.3 7.660 2685	62.6 6.413 2551	67.0 4.966 2686	65.9 5.475 2601	60.3 7.905 2602	50.1 8.864 2691	40.4 9.650 2601	31.3 9.886 2655	47.8 16.000 31325
03-05	MEAN 28.5 S D 10.534 TOTAL OBS 2572	29.0 9.560 2392	34.8 9.418 2682	43.8 8.742 2595	53.1 7.917 2690	61.6 6.536 2565	66.0 5.215 2683	64.9 5.667 2600	59.3 8.122 2597	49.0 9.154 2686	39.5 9.786 2605	30.5 9.960 2649	46.8 16.055 31316
06-08	MEAN 28.0 S D 10.660 TOTAL OBS 2574	28.5 9.719 2387	34.9 9.525 2677	44.8 8.676 2589	54.9 7.666 2681	63.6 6.346 2558	67.6 5.019 2682	66.1 5.582 2594	60.1 8.001 2600	49.5 8.980 2680	39.2 9.722 2601	30.3 9.986 2653	47.4 16.670 31276
09-11	MEAN 30.9 S D 10.060 TOTAL OBS 2591	32.0 9.440 2396	38.7 9.454 2688	48.6 8.593 2585	58.0 7.648 2675	66.3 6.457 2561	70.0 4.847 2684	69.0 5.364 2613	63.5 7.611 2600	53.8 8.257 2690	43.2 9.059 2601	33.4 9.539 2661	50.7 16.354 31345
12-14	MEAN 33.7 S D 9.892 TOTAL OBS 2578	35.0 9.300 2393	41.5 9.470 2685	50.9 8.532 2593	59.9 7.546 2677	67.6 6.493 2564	70.9 4.713 2675	70.0 5.405 2599	65.0 7.531 2606	55.9 8.157 2691	45.6 9.073 2598	36.1 9.490 2661	52.8 15.735 31325
15-17	MEAN 33.8 S D 9.805 TOTAL OBS 2588	35.6 9.177 2394	42.1 9.247 2684	51.4 8.306 2590	60.1 7.250 2685	67.7 6.300 2564	70.9 4.746 2695	70.1 5.279 2612	65.0 7.276 2609	55.7 8.054 2690	45.0 9.132 2602	35.8 9.352 2668	52.9 15.643 31381
18-20	MEAN 31.3 S D 9.895 TOTAL OBS 2589	33.0 9.018 2391	39.5 8.995 2681	49.1 8.164 2584	58.3 7.185 2684	66.4 6.224 2565	69.9 4.678 2684	68.7 5.143 2607	63.0 7.462 2604	53.0 8.247 2695	42.2 9.238 2601	33.4 9.450 2656	50.8 16.040 31341
21-23	MEAN 30.0 S D 10.219 TOTAL OBS 2585	31.4 9.129 2393	37.4 8.983 2681	46.8 8.266 2586	56.0 7.336 2679	64.2 6.197 2529	68.1 4.769 2688	66.9 5.321 2608	61.1 7.719 2605	51.2 8.554 2680	40.9 9.535 2598	32.2 9.794 2653	49.0 15.969 31285
ALL HOURS	MEAN 30.7 S D 10.373 TOTAL OBS 20663	31.8 9.646 19140	38.1 9.663 21462	47.5 8.911 20716	56.8 7.923 21456	65.0 6.737 20457	68.8 5.198 21477	67.7 5.723 20834	62.2 7.992 20823	52.3 8.914 21503	42.0 9.671 20807	32.9 9.898 21256	49.8 16.214 250594

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13705 ANDREWS AFB WASHINGTON D C 43-72

STATION	STATION NAME												YEARS
HRS IN ST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN 22.6 S D 13.457 TOTAL OBS 2586	23.4 12.500 2389	29.7 11.867 2684	39.6 11.071 2594	51.0 9.421 2685	60.4 7.449 2551	64.9 6.061 2686	64.0 6.366 2601	58.3 8.929 2601	47.1 10.620 2691	35.7 11.916 2600	25.0 12.904 2655	43.6 18.705 31323
03-05	MEAN 22.3 S D 13.568 TOTAL OBS 2572	22.7 12.673 2391	29.1 11.945 2682	39.1 10.942 2595	50.3 9.484 2690	59.7 7.458 2565	64.3 6.178 2683	63.3 6.508 2600	57.5 9.073 2597	46.5 10.708 2686	35.2 11.860 2605	24.7 12.811 2649	43.0 18.660 31315
06-08	MEAN 21.9 S D 13.603 TOTAL OBS 2574	22.4 12.862 2387	29.1 12.207 2677	39.5 11.118 2589	51.0 9.694 2681	60.7 7.453 2558	65.1 6.151 2682	63.9 6.676 2594	57.8 9.149 2600	46.6 10.720 2680	35.0 11.811 2601	24.6 12.814 2653	43.3 19.029 31276
09-11	MEAN 23.1 S D 13.677 TOTAL OBS 2591	23.7 13.123 2396	30.2 12.211 2687	40.1 11.904 2585	51.4 10.452 2675	61.0 8.178 2561	65.2 6.630 2683	64.4 7.125 2613	58.5 9.700 2600	47.8 11.217 2690	36.1 11.987 2601	25.8 12.883 2661	44.1 18.969 31343
12-14	MEAN 24.0 S D 13.485 TOTAL OBS 2578	24.9 12.984 2398	30.8 12.257 2684	40.2 12.209 2593	51.6 10.547 2677	60.9 8.507 2564	64.5 7.191 2675	63.8 7.642 2599	58.3 10.035 2606	47.6 11.699 2691	36.1 12.404 2598	26.6 13.082 2661	44.2 18.652 31324
15-17	MEAN 24.2 S D 13.373 TOTAL OBS 2588	25.1 13.069 2394	30.9 12.116 2684	40.3 12.107 2589	51.6 10.546 2685	61.1 8.435 2564	64.7 7.165 2695	64.1 7.651 2612	58.5 9.822 2609	47.7 11.609 2690	36.1 12.462 2602	26.6 13.063 2667	44.4 18.647 31379
18-20	MEAN 23.4 S D 13.349 TOTAL OBS 2588	24.5 12.804 2391	30.6 12.865 2681	40.3 11.639 2584	52.0 10.004 2684	61.8 7.971 2565	65.7 6.620 2684	65.0 6.806 2607	59.3 9.075 2604	48.4 10.618 2695	35.9 11.998 2601	26.0 12.879 2636	44.6 18.884 31340
21-23	MEAN 22.9 S D 13.521 TOTAL OBS 2585	24.1 12.429 2393	30.3 11.618 2681	40.2 11.160 2586	51.9 9.330 2679	61.3 7.380 2529	65.6 6.060 2688	64.5 6.380 2608	58.6 8.980 2605	47.6 10.523 2680	35.6 11.970 2598	25.5 12.958 2653	44.1 18.779 31285
ALL HOURS	MEAN 23.1 S D 13.523 TOTAL OBS 20662	23.8 12.839 19139	30.1 12.030 21460	39.9 11.534 20715	51.4 9.959 21456	60.9 7.887 20457	65.0 6.937 21476	64.1 6.927 20834	58.3 9.367 20822	47.4 10.988 21503	35.7 12.058 20806	25.6 12.944 21255	43.9 18.797 250585

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13705
 STATION

ANDREWS AFB WASHINGTON D C
 STATION NAME

43-72
 PERIOD

ALL
 MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURANCE OF
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	99.9	98.4	90.9	74.5	55.9	39.2	25.6	13.1	65.4	20662
FEB		100.0	99.6	97.2	87.4	70.5	52.5	37.1	25.7	14.1	64.0	19140
MAR		100.0	99.5	95.1	83.9	67.2	49.0	34.2	23.2	13.1	62.1	21461
APR		100.0	98.9	92.0	79.6	64.9	50.2	36.6	24.7	12.3	61.6	20714
MAY		100.0	99.8	96.7	87.8	73.7	61.5	46.5	32.4	16.1	67.4	21457
JUN		100.0	100.0	99.3	93.8	82.9	68.1	51.9	35.3	14.4	70.2	20458
JUL		100.0	100.0	99.3	94.3	83.9	69.8	53.7	36.1	14.0	70.8	21476
AUG		100.0	100.0	99.6	95.7	86.6	73.3	58.2	40.6	16.5	72.7	20833
SEP		100.0	100.0	99.3	95.2	86.3	74.6	60.2	42.6	18.4	73.5	20809
OCT		100.0	99.8	98.3	92.3	82.3	70.3	55.9	37.9	19.0	71.4	21502
NOV		100.0	99.9	98.4	91.6	78.2	62.7	44.9	29.2	14.4	67.6	20807
DEC		100.0	99.9	98.3	91.7	76.7	57.7	40.5	26.2	13.0	66.0	21254
TOTALS		100.0	99.8	97.7	90.4	77.5	62.1	46.6	31.6	14.9	67.7	250573

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

44-72
PERIOD

JAN
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	99.6	96.4	83.6	63.4	46.9	30.1	14.4	69.4	2386
	03-05	100.0	100.0	99.7	97.4	87.1	68.4	50.3	32.6	16.4	70.9	2572
	06-08	100.0	100.0	99.6	97.6	87.6	71.9	52.7	34.4	17.4	71.7	2574
	09-11	100.0	100.0	99.1	91.9	72.4	52.3	36.7	24.7	13.3	64.7	2591
	12-14	100.0	99.7	96.0	79.6	55.2	36.6	24.8	17.6	9.7	57.6	2578
	15-17	100.0	99.5	95.7	79.7	56.3	38.3	24.4	17.0	9.3	57.6	2588
	18-20	100.0	100.0	98.5	90.6	73.3	53.2	35.1	22.6	11.2	64.1	2588
	21-23	100.0	99.9	98.9	94.2	80.3	60.7	42.3	25.6	13.0	67.2	2583
TOTALS		100.0	99.9	98.4	90.9	74.5	55.9	39.2	25.6	13.1	65.4	20662

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

44-72
PERIOD

FEB
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	99.5	95.2	83.0	65.3	46.7	30.5	15.7	69.1	2389
	03-05	100.0	99.9	99.4	97.2	85.2	68.0	49.2	33.4	16.8	70.5	2392
	06-08	100.0	100.0	99.6	97.3	85.7	68.5	49.6	33.7	18.0	70.9	2387
	09-11	100.0	99.8	98.4	87.1	66.4	46.9	32.5	23.9	13.6	62.5	2396
	12-14	100.0	99.2	93.7	74.3	50.0	33.3	24.3	17.6	10.5	55.9	2398
	15-17	100.0	98.7	91.3	70.6	49.3	33.1	23.9	17.9	10.9	55.1	2394
	18-20	100.0	99.6	96.8	85.6	67.4	46.7	31.5	21.7	12.9	61.9	2391
	21-23	100.0	99.9	99.0	91.8	77.1	57.8	39.2	26.5	14.5	66.4	2393
TOTALS		100.0	99.6	97.2	87.4	70.5	52.5	37.1	25.7	14.1	64.0	19140

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13705 ANDREWS AFB WASHINGTON D C 44-72 MAR
 STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	99.6	96.3	83.6	62.6	43.1	28.5	15.9	68.6	2684
	03-05	100.0	100.0	99.8	98.2	89.1	70.2	49.1	32.6	17.7	71.3	2682
	06-08	100.0	100.0	99.8	97.7	87.0	67.9	48.9	31.2	17.5	70.7	2677
	09-11	100.0	99.7	96.4	83.4	60.0	40.8	28.4	20.2	11.8	59.7	2688
	12-14	100.0	98.7	87.3	63.9	43.1	29.2	20.9	15.4	8.5	52.3	2684
	15-17	100.0	97.7	83.7	59.8	40.9	27.2	19.4	14.8	8.7	50.8	2684
	18-20	100.0	99.7	95.1	79.5	58.7	39.9	27.1	18.4	11.2	58.5	2681
	21-23	100.0	100.0	99.1	92.5	74.9	54.1	36.5	24.8	13.5	65.1	2681
TOTALS		100.0	99.5	95.1	83.9	67.2	49.0	34.2	23.2	13.1	62.1	21461

2

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13705
STATION

ANDREWS AFB WASHINGTON D C
STATION NAME

44-72
PERIOD

APR
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100,0	100,0	99,1	94,9	83,7	67,8	49,9	34,1	17,4	70,5	2593
	03-05	100,0	100,0	99,8	97,3	90,3	75,9	58,5	39,6	20,8	74,0	2595
	06-08	100,0	100,0	99,7	95,9	85,1	69,1	50,6	34,5	17,9	71,0	2589
	09-11	100,0	99,3	93,1	73,7	55,7	38,6	26,4	18,4	8,5	57,2	2585
	12-14	100,0	97,1	80,1	56,9	39,0	28,5	19,4	13,2	6,1	49,6	2593
	15-17	100,0	99,9	76,7	53,9	38,1	27,6	19,7	12,4	6,1	48,6	2589
	18-20	100,0	98,8	89,9	72,8	53,9	39,5	28,4	18,5	8,9	56,8	2584
	21-23	100,0	99,8	97,4	89,7	73,2	54,2	39,8	27,2	12,8	65,1	2586
TOTALS		100,0	98,9	92,0	79,6	64,9	50,2	36,6	24,7	12,3	61,6	20714

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13705
STATION

ANDERKS AFB WASHINGTON D C
STATION NAME

43-71
PERIOD

NOV
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	99.9	98.3	91.0	78.7	60.9	38.1	18.0	74.3	2601
	03-05	100.0	100.0	100.0	99.3	93.5	83.0	65.7	44.5	21.3	76.6	2605
	06-08	100.0	100.0	99.9	99.4	94.4	83.0	64.2	45.6	22.8	76.7	2601
	09-11	100.0	100.0	98.8	92.1	72.9	49.6	33.2	21.2	11.5	63.6	2601
	12-14	100.0	95.8	94.7	75.4	47.6	30.3	20.0	13.6	7.1	54.4	2598
	15-17	100.0	99.7	95.1	77.6	55.1	35.1	23.2	15.1	7.5	56.5	2602
	18-20	100.0	100.0	99.4	94.0	82.2	61.3	40.3	23.4	11.7	66.9	2601
	21-23	100.0	100.0	99.7	97.0	88.6	72.7	52.0	31.7	15.1	71.4	2598
TOTALS		100.0	99.9	98.4	91.6	78.2	61.7	44.9	29.2	14.4	67.6	20807

USAFETAC

FORM
JUL 64

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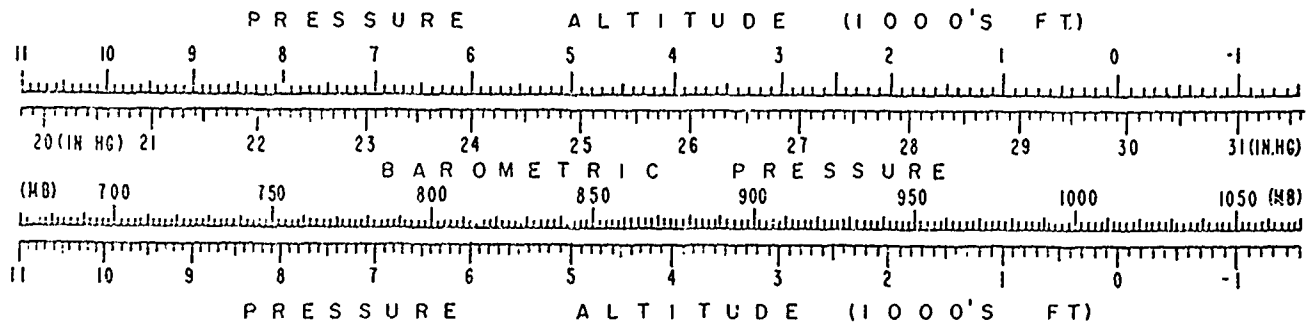
DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (AWC)
ASHEVILLE, NORTH CAROLINA

PART F PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviation, 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 to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

1. Station pressure in inches of mercury.
2. Sea-level pressure 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.



DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/HAC

MEANS AND STANDARD DEVIATIONS

STATION PPESSURE IN INCHES HG FROM HOURLY OBSRVRATIONS

13705 ANDREWS AFB WASHINGTON D C 45-72

MPS L ST	YEARS												ANNUAL	
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
01	MEAN	29.783	29.746	29.705	29.701	29.698	29.687	29.709	29.714	29.779	29.791	29.751	29.792	29.738
	S D	.291	.280	.298	.222	.173	.144	.127	.122	.164	.199	.233	.251	.210
	TOTAL OBS	828	756	835	802	836	784	830	803	780	804	778	804	9640
04	MEAN	29.786	29.748	29.695	29.694	29.693	29.680	29.705	29.709	29.774	29.787	29.756	29.792	29.735
	S D	.260	.280	.247	.227	.180	.149	.130	.126	.168	.202	.236	.254	.219
	TOTAL OBS	766	695	772	743	771	728	793	775	748	774	749	773	9091
07	MEAN	29.799	29.762	29.724	29.729	29.728	29.713	29.732	29.736	29.801	29.812	29.780	29.811	29.760
	S D	.260	.284	.253	.234	.182	.150	.130	.126	.171	.206	.242	.254	.217
	TOTAL OBS	827	734	831	803	830	785	825	793	775	804	778	803	9608
10	MEAN	29.836	29.788	29.735	29.732	29.731	29.716	29.742	29.750	29.815	29.827	29.798	29.834	29.775
	S D	.265	.288	.259	.240	.186	.151	.130	.125	.173	.210	.245	.260	.221
	TOTAL OBS	764	691	770	740	768	727	787	775	745	774	748	771	9067
13	MEAN	29.771	29.732	29.691	29.695	29.702	29.692	29.717	29.721	29.779	29.778	29.745	29.777	29.733
	S D	.259	.286	.251	.232	.183	.147	.128	.121	.171	.209	.242	.256	.216
	TOTAL OBS	827	754	833	802	828	784	823	791	777	804	776	803	9602
16	MEAN	29.771	29.717	29.660	29.657	29.667	29.662	29.689	29.694	29.751	29.757	29.733	29.769	29.711
	S D	.291	.279	.243	.227	.179	.147	.129	.120	.169	.207	.237	.249	.213
	TOTAL OBS	769	697	772	741	770	727	789	774	749	773	746	774	9081
19	MEAN	29.792	29.737	29.685	29.675	29.678	29.668	29.691	29.696	29.763	29.780	29.760	29.794	29.726
	S D	.247	.277	.233	.218	.170	.141	.126	.117	.164	.199	.234	.245	.209
	TOTAL OBS	830	751	834	798	831	786	825	801	777	804	778	801	9616
22	MEAN	29.805	29.758	29.711	29.701	29.701	29.688	29.715	29.721	29.785	29.795	29.769	29.798	29.745
	S D	.247	.275	.232	.218	.166	.143	.125	.119	.163	.197	.231	.249	.207
	TOTAL OBS	767	699	772	740	770	726	792	775	748	770	748	772	9079
ALL HOUPS	MEAN	29.793	29.748	29.701	29.698	29.700	29.688	29.713	29.717	29.781	29.791	29.762	29.796	29.741
	S D	.256	.282	.246	.229	.179	.148	.129	.123	.169	.204	.238	.253	.214
	TOTAL OBS	6378	5808	6419	6169	6404	6047	6464	6287	6099	6307	6101	6301	74784

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN HGS FROM HOURLY OBSERVATIONS

13709 ANDREWS AFB WASHINGTON D C 43-72

STATION	STATION NAME	YEARS												
HRS IL ST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN	1019.1	1017.9	1016.4	1016.1	1015.9	1015.3	1016.2	1016.3	1018.6	1018.9	1018.1	1019.3	1017.3
	S D	8.564	9.498	8.124	7.683	5.975	5.016	4.348	4.249	5.634	6.843	7.888	8.667	7.203
	TOTAL OBS	888	813	897	848	893	843	891	884	870	897	868	897	10489
04	MEAN	1019.0	1017.7	1016.1	1016.0	1015.8	1015.2	1016.0	1016.1	1018.4	1018.7	1018.1	1019.4	1017.2
	S D	8.768	9.578	8.414	7.856	6.112	5.121	4.418	4.347	5.788	6.931	7.997	8.746	7.341
	TOTAL OBS	889	813	896	848	892	848	893	888	868	898	870	897	10500
07	MEAN	1019.7	1018.6	1017.1	1017.2	1016.9	1016.3	1016.9	1017.1	1019.4	1019.7	1018.9	1019.9	1018.1
	S D	8.823	9.632	8.618	8.076	6.257	5.157	4.421	4.367	5.855	7.081	8.159	8.755	7.416
	TOTAL OBS	889	811	892	848	887	844	886	876	864	897	867	896	10457
10	MEAN	1020.7	1019.2	1017.5	1017.3	1017.1	1016.4	1017.2	1017.5	1019.8	1020.1	1019.5	1020.8	1018.6
	S D	8.987	9.842	8.792	8.242	6.338	5.157	4.418	4.320	5.942	7.212	8.190	8.953	7.565
	TOTAL OBS	886	812	894	847	887	847	891	887	866	897	868	895	10477
13	MEAN	1018.6	1017.5	1015.9	1015.9	1016.0	1015.5	1016.4	1016.5	1018.6	1018.4	1017.7	1018.8	1017.2
	S D	8.858	9.533	8.585	8.062	6.290	5.054	4.385	4.223	5.894	7.162	8.079	8.796	7.383
	TOTAL OBS	889	809	894	848	886	843	884	873	867	898	866	894	10451
16	MEAN	1018.4	1016.7	1014.9	1014.7	1014.9	1014.5	1015.4	1015.5	1017.6	1017.7	1017.3	1018.6	1016.4
	S D	8.577	9.509	8.322	7.809	6.094	5.049	4.376	4.182	5.803	7.080	7.928	8.557	7.281
	TOTAL OBS	891	810	895	848	890	846	890	888	869	895	863	897	10482
19	MEAN	1019.4	1017.7	1015.8	1015.3	1015.2	1014.6	1015.5	1015.7	1018.1	1018.5	1018.2	1019.4	1017.0
	S D	8.414	9.410	8.011	7.535	5.865	4.895	4.288	4.092	5.663	6.846	7.795	8.492	7.171
	TOTAL OBS	893	808	896	841	888	846	887	882	868	898	866	894	10467
22	MEAN	1019.6	1018.0	1016.6	1016.2	1016.0	1015.5	1016.3	1016.5	1018.8	1019.0	1018.5	1019.6	1017.6
	S D	8.375	9.411	7.902	7.500	5.782	4.921	4.275	4.118	5.593	6.790	7.834	8.617	7.104
	TOTAL OBS	891	813	896	844	891	846	894	888	868	892	868	896	10487
ALL HOURS	MEAN	1019.3	1017.4	1015.3	1016.1	1016.0	1015.4	1016.2	1016.4	1018.5	1018.9	1018.3	1019.5	1017.4
	S D	8.694	9.572	8.381	7.886	6.130	5.084	4.404	4.280	5.806	7.026	8.006	8.718	7.338
	TOTAL OBS	7116	6489	7160	6772	7114	6763	7116	7066	6940	7172	6936	7166	83810