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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 289FT 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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DDC OCT 62

859-4820/b

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

Susan V. Berry

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1 REPORT NUMBER USAFETAC/DS- /9/080	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 13 NUMBER OF PAGES p.
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16 DISTRIBUTION STATEMENT (of this Report)

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17 DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)

18 SUPPLEMENTARY NOTES

19 KEY WORDS (Continue on reverse side if necessary and identify by block number)

*RUSSWO	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

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19. Percentqge 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.

1

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

FORM 0-24-5 (OL A)
OCT 69
SPECIAL SUMMARY USAFETAC

[illegible] PROCESSING DIVISION
[illegible] AC OL-1
AIR WEATHER SERVICE (MAC)

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 [illegible] the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

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

PART A WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA
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_____

STATION ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	STATION ELEV (FT)	CALL SIGN	WMO NUMBER
13705	ANDREWS AFB WASHINGTON D C	N 38 48	W 076 53	289	KADW	74594

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			STATION (FT)	HT 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.	Selsyn	ML144B	68 Ft	
		2.Located at remote ROS on top of Control Tower Cab,1&1/4 miles from Weather Station.	AN/GMQ-1	ML204B	110 Ft	

USAFETAC FORM APR 68 0-19 (OL A)

CONTINUED ON REVERSE SIDE

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	
6	Mar 59 to Oct 61	1.Located on top of Hangar, 1600 ft from Base Weather Station.	Same	Same	Same	
		2.Same	Same	Same	Same	
7	Nov 61 to Feb 63	1.Located on surface 450 ft NW of WOSB.	Same	Same	Surface	
		2.Located in center between parallel Rnwys 01L&R and 19L&R on southern sector of the Base.	AN/GMQ-11	RO-2	13 Ft	
8	Mar 63 to Feb 66	1.Located in center between parallel Rnwys 01L&R and 19L&R 300 ft S of northern end of Rnwys.	AN/GMQ-11	RO-2	13 Ft	
		2.Located in center between parallel Rnwys 01L7R and 19L&R 300 ft N of southern end of Rnwys.	Same		Same	
9	Mar 66 to Feb 69	1.Same 1500 ft S of N end of Rnwys,	Same	Same	Same	
		2.Same 1500 ft N of S end of Rnwys.	Same		Same	
10	Mar 69 to Jun 70	1.Same	Same	RO-362	Same	
		2.Same	Same		Same	
11	Jul 70 to Jul 72	1.Located 540 ft E of centerline, 1203 ft from end of Rnwy 19R.	AN/GMQ-20	Same	Same	
		2.Located 807 ft W of centerline, 1414 ft from end of Rnwy 01R.	Same		Same	

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WBAN/TDAF
AIR WEATHER SERVICE (MAC)
[illegible], SOUTH 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.

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 STATION | ANDREWS AFB WASHINGTON D C STATION NAME | 43-72 YEARS | ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	ALL	.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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13705 — STATION
ANDREWS AFB WASHINGTON D C — STATION NAME
44-72 — YEARS
JAN — 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 W/ FOG PRESENT	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	.1	8.9	1.2	4.5		14.3	17.3	10.6	.4		26.2	2665
	06-08		9.6	1.6	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

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WEATHER CONDITIONS

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

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
FEB	00-02		9.4	.6	4.3		13.5	15.5	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

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USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13705 (STATION) ANDREWS AFB WASHINGTON D C (STATION NAME) 44-72 (YEARS) MAR (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	8.6			18.4	2684
TOTALS		.1	11.1	.2	2.7		13.6	14.0	9.3	.1	.0	22.2	21477

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USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

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

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
APR	00-02	.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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

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

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
MAY	00-02	.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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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	2538
TOTALS		1.4	7.1			.0	7.1	11.5	16.8		.0	26.1	20546

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2

WEATHER CONDITIONS

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

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JUL	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

USAFETAC FORM JULY 64 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

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

USAFETAC FORM JULY 64 0-10-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13705 STATION | ANDREWS AFB WASHINGTON D C STATION NAME | 43-71 YEARS | SEP 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	12.9			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 | ANDREWS AFB WASHINGTON D C | 43-71 | OCT
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
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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

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

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
NOV	00-02		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	8.4	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

USAFETAC FORM JULY 64 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

WEATHER CONDITIONS

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

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
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

[illegible] presentation of the percentage of days with occurrences of various atmospheric phenomena. [illegible] obtained from all recorded information on the reporting forms and combined into a daily observation.

The [illegible] of the phenomena in the Weather Conditions Summary above also apply for the categories [illegible] presentation. However, it should be noted that in this summary the columns headed "% [illegible] AND/OR DRIZZLE" and "% 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 columns.

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 5/8 mile.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS
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 (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	DAILY	.7	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		6.5	45.2	.2	2.5	.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	36.4			.6	43.8	46.9	53.7			65.7	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	65.1	780
OCT		2.9	30.4		.1		34.4	47.9	53.0			65.0	806
NOV		1.4	33.5		6.8	.1	41.?	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	.0	61.3	9705

USAF ETAC FORM JULY 64 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
[illegible]
[illegible] SERVICE (USAF)
[illegible], NORTH CAROLINA

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

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, [illegible] removed from [illegible].

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION (FROM DAILY OBSERVATIONS)

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

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02 05	.06 10	11 25	26 50	.51-1 00	1 01 2 50	2.51-5 00	5 01-10 00	10 01 20 00	OVER 20 00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0 1-0 4	0 5 1 4	1.5 2 4	2 5 3 4	3 5 4 4	4 5-6 4	6.5 10 4	10 5-15.4	15 5 25 4	25 5-50 4	OVER 50 4					
SNOW DEPTH	NONE	TRACE	1	2	3	4 6	7 12	13 24	25 36	37-48	49 60	61 120	OVER 120					
JAN	51.9	15.1	1.6	7.2	4.3	7.2	6.8	4.2	1.6					32.9	899	2.88	5.96	.27
FEB	51.8	17.3	2.9	4.4	3.2	6.8	6.1	5.6	1.8					30.9	820	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	11.32	.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	5.5	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				29.7	870	3.38	9.03	.56
OCT	65.2	12.6	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	870	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	41.64		

1210 WS FORM JUL 64 0-15-5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

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

24 HOUR AMOUNTS IN INCHES

MONTH / YEAR	JAN	FEB	MAR.	APR.	MAY	JUN	JUL	AUG	SEP.	OCT.	NOV	DEC	ALL MONTHS
43							2.03	.12	2.37	2.55	1.43	1.21	
44	1.89	.56	1.04	1.41	1.01	1.60	1.20	7.05	2.30	1.46	1.86	1.25	7.05
45	.71	.79	.75	1.42	.77	1.67	2.98	2.21	3.00	.50	1.28	1.24	3.00
46	.71	1.50	.37	1.52	3.07	.59	1.77	1.21	1.42	.78	1.03	1.37	3.07
47	1.00	.73	.35	1.03	1.95	3.37	1.02	1.38	.74	1.09	2.40	.83	3.37
48	1.64	.76	1.55	1.09	1.08	1.11	1.59	2.41	.93	2.38	1.23	2.26	2.41
49	1.43	.43	.91	.59	1.31	1.03	1.74	1.17	.90	1.02	.15	.51	1.74
50	.52	.54	1.14	.93	1.33	.94	2.05	1.59	4.07	1.14	2.23	1.29	4.07
51	.35	.87	1.09	.92	1.23	2.11	.93	.95	.88	.50	1.22	1.30	2.11
52	.90	.97	1.01	1.45	.76	.79	2.03	1.92	3.61	.43	3.12	.77	3.61
53	.99	1.02	1.76	.90	2.99	1.63	1.36	1.18	3.18	2.70	.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	.35	.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	1.18	.90	1.14	1.27	2.13	.40	.95	1.45	2.48	1.22	.43	1.08	2.48
61	.56	1.05	.90	.72	.47	.99	2.19	1.52	.35	1.49	.37	.66	2.19
62	1.12	1.15	.92	1.15	1.15	1.10	.35	.31	.82	1.63	1.34	1.11	1.63
63	.47	1.08	1.15	.40	.38	2.58	.69	3.35	1.74	TRACE	2.51	.69	3.35
64	1.21	.63	.60	.56	.51	.39	1.74	1.47	1.76	1.08	1.43	.97	1.76
65	1.43	1.24	1.90	.34	.60	.83	1.98	1.71	.88	.81	.12	.25	1.98
66	.98	1.19	.88	1.03	1.12	.41	.24	.68	3.33	2.07	1.95	.64	3.33
67	.29	.56	1.47	.25	.98	.39	1.61	1.17	.61	.79	.91	.99	1.61
68	2.27	.35	1.44		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	.95	.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	.512	.706	.854	.711	1.606	1.103	.769	.765	.456	1.355
TOTAL OBS.	899	820	899	840	899	870	930	899	870	899	870	899	10594

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

13705 ANDREWS AFB WASHINGTON D C 43-72
STATION STATION NAME 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						.49							PRECIP
						12							DAYS
67				.44									PRECIP
				29									DAYS
MEAN													
S D.													
TOTAL OBS													

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

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL (FROM DAILY OBSERVATIONS)

13705 (STATION) ANDREWS AFB WASHINGTON D C (STATION NAME) 46-72 (YEARS)

PRECIP.	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
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			MEAN	GREATEST	LEAST
SNOW-DEPTH	NONE	TRACE	1	2	3	4 6	7-12	13 24	25 36	37 48	49-60	61-120	OVER 120					
JAN	79.0	12.3	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	5.8	22.2	TRACE
MAR	85.3	9.0	1.9	1.3	.5	1.1	.5	.1	.1	.2				5.7	837	3.7	27.6	.3
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	780	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	17.5	.0
ANNUAL	93.1	4.3	.7	.7	.4	.3	.1	.2	.1	.0				2.7	9650	20.8		

1210 WS FORM JUL 64 0-15-5 (OL-I) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL
(FROM DAILY OBSERVATIONS)

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

24 HOUR AMOUNTS IN INCHES

MONTH / YEAR	JAN.	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT.	NOV	DEC	ALL MONTHS
46	5.4	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	5.4
47	5.2	7.3	3.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	7.3
48	5.5	4.5	.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
53	.1	TRACE	1.7	TRACE	.0	.0	.0	.0	.0	.0	5.4	TRACE	5.4
54	8.0	TRACE	TRACE	TRACE	TRACE	.0	.0	.0	.0	TRACE	.0	1.3	8.0
55	1.5	4.4	TRACE	.0	.0	.0	.0	.0	.0	.0	1.6	.4	4.4
56	3.5	TRACE	3.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.1	3.5
57	2.0	2.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	10.4	10.4
58	1.6	13.6	10.7	.0	.0	.0	.0	.0	.0	.0	TRACE	1.1	13.6
59	3.2	TRACE	TRACE	2.6	.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	1.2	1.8	9.2
62	1.3	2.3	6.7	.0	.0	.0	.0	.0	.0	.0	.4	6.1	6.7
63	2.4	1.2	.4	.8	TRACE	.0	.0	.0	.0	.0	.7	6.0	6.0
64	9.6	6.3	3.8	.5	.0	.0	.0	.0	.0	.0	TRACE	3.2	9.6
65	5.2	1.5	3.6	.2	.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		2.5		.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						
MEAN	3.31	3.35	2.04	.16	TRACE	.00	.00	.00	.00	TRACE	1.04	2.60	6.36
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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL
(FROM DAILY OBSERVATIONS)

13705 STATION — ANDREWS AFB WASHINGTON D C STATION NAME — 46-72 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	SNOFALL
													DAYS
44	0	0	0	0	0	0	0	0	0	0	0	0	SNOFALL
													DAYS
45	0	0	0	0	0	0	0	0	0	0	0	0	SNOFALL
													DAYS
68		TRACE		.0									SNOFALL
		28		29									DAYS
MEAN													
S D.													
TOTAL OBS													

USAF ETAC FORM JUL 64 0 88 5 (OLI)

2 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)

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	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	2.9	.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														899			
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			

1210 WS FORM JUL 64 0-15-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

13705 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
43							0	0	0	0	0	0	
44	4	2	1	TRACE	0	0	0	0	0	0	0	2	4
45	2	2	0	0	0	0	0	0	0	0	0	6	6
46	6	4	0	0	0	0	0	0	0	0	0	1	6
47	4	9	3	0	0	0	0	0	0	0	0	3	9
48	5	5	0	0	0	0	0	0	0	0	0	2	5
49	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	6	TRACE	TRACE	0	0	0	0	0	0	0	0	0	6
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	3	10	0	0	0	0	0	0	0	0	9	10
61	9	6	0	0	0	0	0	0	0	0	1	1	3
62	1	2	9	0	0	0	0	0	0	0	TRACE	7	9
63	5	3	0	0	0	0	0	0	0	0	TRACE	5	5
64	10	7	2	2	0	0	0	0	0	0	0	1	10
65	4	2	4	0	0	0	0	0	0	0	0	0	4
66	24	23	0	0	0	0	0	0	0	0	0	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	1	0	
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	8		TRACE	0	0	0	0	0	0	0	0	0	
72	0	4	0	TRACE	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	5.221	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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

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

DAILY SNOW DEPTH IN INCHES
/BASED ON LESS THAN FULL MONTHS/

MONTH / YEAR	JAN.	FEB	MAR	APR	MAY	JUN	JUL	AUG.	SEP	OCT.	NOV	DEC	ALL MONTHS
45						0							SNO DPTH
						12							DAYS
68				0									SNO DPTH
				29									DAYS
71		TRACE											SNO DPTH
		27											DAYS
MEAN													
S D													
TOTAL OBS.													

USAF ETAC FORM JUL 64 0-88-5 (OL1)

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 1968. 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, 56-72 YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH / YEAR	JAN	FEB.	MAR	APR.	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
46		W 52	WSW 49		SSW 47	S 44	ESE 36	W 32				WNW 43	
47	W 52	W 48	WSW 56	SW 51	SSW 60	WNW 49	WSW 35	NW 26	SSW 33	S 27	WNW 47	WNW 49	SSW 60
48	WNW 39	SSW 44	SSW 44	WNW 46	N 39	SW 49	SW 36	NW 56	WNW 29	NNE 36	WNW 45	WNW 46	NW 56
49	WNW 45	NNW 51	NNW 49	WNW 62	S 43	ESE 28	S 30	ESE 60	WNW 32	NW 32	NW 37	WNW 44	WNW 62
50	WNW 46	W 45	W 51	SSW 45	WSW 42	SW 36	ESE 45	NNE 26	WNW 26	W 38			
51	NW 44	WNW 43	NNW 45		WSW 36								
52		NW 46	WNW 52			NNE 33		N 35	SSW 27	NW 43	ESE 43		
53						S 43							
54		W 60	NW 39		NW 45	NW 42	W 36	WNW 39	NW 59	N 31	NW 47	WNW 42	
55	WNW 48	WNW 35	NW 37	WNW 52	W 46	SSE 34	WNW 30	WNW 30	WNW 40	NE 43	SSW 38	SSE 49	WNW 52
56	NW 41	WNW 45	WNW 39		SSE 33	WNW 49	WSW 49			NE 39	NNW 45	WNW 45	
57	NW 54	WNW 50	SW 53	W 46	ESE 33	WNW 40	SW 42	NE 30	WNW 31	W 40	NW 42	SW 43	NW 54
58	W 49	WNW 52	WNW 53	W 49	SSE 30	NW 33	SSE 30	SW 43	NNW 34	WNW 42	W 43	WNW 49	WNW 62
59	NW 48	W 54	NW 44	W 43	W 65	WNW 43	WSW 34	SW 28	WNW 28	NW 30	NW 38	WNW 44	W 65
60	SW 42	NW 34	ENE 45	WNW 33	WNW 38	NNW 37	NW 40	SSW 38	WNW 26	NW 27	ESE 40	NW 42	ENE 45
61	WNW 46	N 34	NNW 35	WNW 54	WNW 38	WNW 35	W 43	N 38	WSW 30	NW 36	WNW 44	NW 39	WNW 54
62	WNW 41	NW 52	SSW 44	NW 36	W 32	NW 31	NNW 27	E 26	WSW 25	NE 30	NNW 31	NW 44	NW 52
63	NW 48	NNW 42	NW 40	WNW 44	NW 27	NW 37	NW 61	N 44	SSW 30	ESE 33	WNW 46	NW 38	NW 61
64	WNW 30		WNW 45	NNW 34	SW 47	WSW 38	NNE 33	WNW 36	E 36	NNW 40	WNW 39	NW 35	
65	NW 47	NW 49	NW 48	NW 41	NW 41	N 26	NW 38	WNW 30	SE 30	NW 30	WNW 43	NW 40	NW 49
66	WNW 46	NW 45	NW 54	NNW 46	NW 36			1/ 46	33/ 26	29/ 33	1/ 41	31/ 47	
67		32/ 55		22/ 43	21/ 42	16/ 34	30/ 74	32/ 40	31/ 42	32/ 47	33/ 52	31/ 57	
70	31/ 59	15/ 47	19/ 44	23/ 50	23/ 42	27/ 46	29/ 49	26/ 38	32/ 42	21/ 33	34/ 42	32/ 55	31/ 59
71	31/ 60	31/ 42	30/ 60	32/ 52	21/ 39	34/ 53	35/ 58	24/ 32	25/ 42	31/ 33	34/ 46	30/ 56	31/ 60
72	33/ 39	31/ 50	27/ 69	28/ 38	6/ 34	33/ 40	31/ 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	9.260	8.255	5.540	4.695	5.869	5.721
TOTAL OBS	614	644	700	561	702	681	643	651	594	640	597	617	7650

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

13705 ANDREWS AFB WASHINGTON D C 46-54, 56-72
STATION STATION NAME 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													WINDS
												0	DAYS
46	NW 44			NW 43							WNW 35		WINDS
	16			22					0	0	26		DAYS
50											SSW 54	SE 40	WINDS
											25	21	DAYS
51				N 35	E 37	W 43	SW 16				W 42	WNW 43	WINDS
				13	25	3	21	0	0		3	19	DAYS
52	NW 43			SSW 48	WNW 43		WNW 22					SE 26	WINDS
	23			16	16		25					19	DAYS
53	WNW 38				N 69								WINDS
	20	0	0	0	20		0	0	0	0	0	0	DAYS
54							SSW 245	W 37	NW 46	NW 36			WINDS
	0	0	0	0	0	0	4	27	22	15	0	0	DAYS
55													WINDS
	0	0	0	0	0	0	0	0	0	0	0	0	DAYS
56	WNW 47			NW 47									WINDS
	27			16									DAYS
57				NW 36				SW 24	E 27				WINDS
				24				27	6				DAYS
66		WNW 45											WINDS
		24											DAYS
68						W 33	347 37						WINDS
						25	26						DAYS
69	307 37		307 44										WINDS
	24		26										DAYS
MEAN													
S D													
TOTAL OBS													

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

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 S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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.[illegible]	.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.[illegible]	.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					4.0	6.8
S	1.1	2.4	2.8	.9	.1	.0	.0					7.4	7.2
SSW	.7	2.3	3.2	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				3.2	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	
	9.3	25.5	31.3	14.2	4.1	1.2	.2	.0	.0			100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 253403

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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) 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	.2	.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	.5	.9	.8	.3	.0							2.3	7.3
E	.5	.9	.6	.2	.1							2.3	6.7
ESE	.5	.8	.5	.0								1.8	5.3
SE	.5	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						8.4	9.1
SW	.9	1.9	2.7	1.6	.3	.1		.0				7.4	8.6
WSW	.5	1.0	1.2	.7	.1	.0	.0					3.6	8.3
W	.5	1.4	2.3	1.3	.6	.1	.0	.0				6.3	9.7
WNW	.4	1.3	3.2	3.6	1.8	.7	.1	.0				11.1	12.6
NW	.5	1.5	4.0	4.1	2.1	.7	.2	.1				13.0	12.4
NNW	.4	1.4	2.3	2.0	.6	.2	.0					6.8	10.5
VARBL													
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

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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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 S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	.6	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	.5	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	.3	.9	1.3	.7	.2	.1	.0					3.4	9.2
W	.5	1.3	2.1	1.7	1.1	.6	.1	.0				7.4	12.0
WNW	.3	1.3	2.9	3.7	2.4	1.0	.2	.0				11.9	13.5
NW	.3	1.5	3.7	3.9	1.6	.7	.2	.0				11.9	12.5
NNW	.3	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

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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	.3	1.1	1.5	.7	.1	.0						3.6	8.2
NE	.3	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	.3	1.7	1.8	.6	.1	.0						4.6	7.3
ESE	.3	1.3	1.6	.5	.1	.0						3.7	7.4
SE	.3	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	.5	1.3	2.3	1.2	.5	.0	.0					5.5	8.8
SSW	.3	1.2	2.2	2.0	.7	.1	.0					6.5	10.5
SW	.3	1.2	2.3	1.6	.6	.1	.0					6.1	10.3
WSW	.2	.8	1.3	.7	.2	.1	.0	.0				3.4	9.8
W	.3	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	.3	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

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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) APR (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.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							3.5	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	9.1
WSW	.3	1.0	1.3	.7	.3	.1						3.6	9.6
W	.4	1.7	2.3	1.1	.5	.1	.0	.0				6.1	9.2
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	1.1	1.9	1.8	.6	.1	.0					5.9	10.6
VARBL													
CALM												9.2	
	6.8	21.1	33.7	20.4	6.9	1.7	.2	.0				100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 20726

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.6	1.9	.8	.1	.0						5.1	7.7
NNE	.5	1.3	1.4	.5	.0							3.7	7.1
NE	.6	1.6	1.6	.6	.0							4.4	7.2
ENE	.6	1.2	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	1.8	.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	1.2	.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	1.3	.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	2.5	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

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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	.1	.0						4.2	7.6
NNE	.6	1.2	1.0	.4	.0	.0						3.1	6.7
NE	.5	1.1	1.0	.4	.0							3.0	6.8
ENE	.5	1.2	1.0	.3	.0	.0						3.0	6.6
E	.6	1.4	1.4	.4	.0							3.8	6.6
ESE	.5	1.2	1.1	.2	.0							3.1	6.3
SE	.5	1.8	1.3	.2	.0							3.9	6.4
SSE	1.0	2.1	1.9	.3	.0	.0						5.3	6.3
S	1.3	3.4	3.6	.7	.0	.0						9.1	6.7
SSW	.9	3.3	4.3	1.3	.1	.0						9.9	7.5
SW	.8	3.2	4.2	1.2	.1	.0	.0	.0				9.6	7.5
WSW	.6	1.8	2.0	.4	.1	.0						4.9	7.0
W	.7	2.2	2.4	.5	.1	.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

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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 S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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					3.0	6.4
NE	.5	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							4.4	6.5
SSE	.9	2.3	2.1	.4	.0	.0						5.7	6.4
S	1.5	3.5	3.6	.9	.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							9.4	7.0
WSW	.7	2.2	1.9	.3	.0	.0						5.1	6.5
W	.8	2.5	1.6	.4	.1	.0						5.4	6.3
WNW	.5	1.6	1.7	.6	.1	.0						4.5	7.5
NW	.4	1.5	2.0	.6	.1	.0						4.7	7.8
NNW	.4	.9	1.3	.5	.1	.0						3.2	7.7
VARBL													
CALM												18.5	
	11.3	31.8	30.3	7.3	.7	.1	.0					100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 22133

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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	.8	1.7	1.5	.3	.0	.0		.0				4.4	6.6
ENE	.5	1.2	.8	.1	.0	.0						2.8	6.2
E	.8	1.5	1.1	.1	.0							3.6	5.8
ESE	.7	1.8	1.2	.1	.0	.0						3.8	5.8
SE	.6	1.8	1.4	.1	.0	.0						3.9	6.3
SSE	.8	1.9	1.6	.3	.0							4.6	6.2
S	1.5	3.3	3.3	.6	.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	1.8	1.4	.3	.0							4.2	6.3
W	.9	2.4	1.6	.3	.0							5.3	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						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

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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							6.8	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

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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) 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					6.5	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 S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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						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	1.3	.5	.2	.0					7.7	9.0
WNW	.3	1.3	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	5.2	1.4	.2	.0				100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 20830

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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 S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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)

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	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	.1	.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	8.6
WSW	.4	.8	.8	.4	.1	.0						2.6	8.0
W	.4	1.8	2.5	1.1	.5	.0	.0					6.4	9.2
WNW	.5	1.2	3.0	3.0	1.5	.6	.0					9.7	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

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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) 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	1.9	1.8	.9	.3	.1						5.4	8.0
NNE	.9	1.4	1.2	.5	.2	.0						4.3	7.2
NE	.5	.9	1.5	.5	.1							3.5	7.6
ENE	.3	.9	1.0	.3								2.5	7.1
E	.4	.7	.4	.2	.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	.2						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	1.9
NW	.5	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	1.9	.2					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 2667

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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	7.6
E	.3	.9	.6	.1	.0							1.5	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	6.5
SSW	.7	1.7	3.4	1.9	.4	.1						8.3	9.1
SW	1.2	2.2	2.8	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	1.2	2.9	2.6	1.2	.4	.0					9.0	11.3
NW	.4	1.4	4.0	3.9	2.2	.7	.1					12.8	12.5
NNW	.4	1.7	1.9	1.9	.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

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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) 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	.2	.1						5.4	8.9
NNE	.3	1.2	1.5	.5	.1							3.6	7.7
NE	.4	1.3	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	.2	.7	.6	.1								1.6	6.1
SE	.4	.9	.4	.1								1.5	6.1
SSE	.3	.8	.6	.1	.1							1.9	6.8
S	.8	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	.7	1.3	1.9	1.6	1.1	.1						6.7	10.6
WNW	.4	1.0	2.6	4.0	2.1	.8	.2					11.2	13.2
NW	.2	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	
	7.2	18.9	29.3	21.7	8.9	2.4	.6					100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 2673

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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 - 16	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	.3	.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	.3	.8	.5									1.6	5.5
SE	.1	.6	.6	.0								1.3	6.5
SSE	.3	.7	.6	.1	.1							1.7	6.7
S	.6	1.6	1.7	.7	.4							5.0	8.0
SSW	.8	2.3	3.3	2.0	.7	.0						9.0	9.0
SW	.6	1.9	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	.3	1.4	3.6	4.5	2.7	1.3	.2					14.2	13.6
NW	.2	1.2	3.7	4.9	2.3	.5	.2	.1				13.4	13.2
NNW	.3	1.0	2.5	2.6	1.0	.2	.0					7.6	11.6
VARBL													
CALM												9.3	
	6.1	18.1	30.9	23.2	10.2	2.5	.5	.1				100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 2667

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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) 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							5.5	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	.8	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	1.3	.9	.2							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	.3				100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 2672

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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							5.5	7.5
NNE	.7	1.0	.9	.5	.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	1.5	2.9	2.2	.6	.0							7.3	6.2
SSW	.5	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							2.4	7.6
W	.5	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

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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	.6	.4	.2	.1							1.7	7.4
E	.6	1.2	.4	.1	.2							2.4	5.3
ESE	.6	.8	.6	.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

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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								3.8	6.1
ESE	.3	.4	.3	.1								1.6	5.8
SE	.6	1.2	.9	.1								2.8	6.0
SSE	.5	.5	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	4.5	3.3	1.0	.6	.0					11.6	11.2
NNW	.2	1.4	2.5	1.6	.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

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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	.5	.0						6.6	9.9
VARBL													
CALM												15.7	
	7.5	22.1	28.9	17.9	5.5	2.1	.3	.0				100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 2438

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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	1.6	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	.4	.8	.7									1.7	6.2
SE	.3	.5	.6	.2								1.6	6.8
SSE	.5	.5	.7	.2	.0							1.9	7.0
S	.7	1.6	1.6	.4	.1							4.4	7.0
SSW	.9	1.1	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	1.3	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	.5	1.1	2.9	3.2	1.8	.7	.2					10.5	12.6
NW	.4	1.8	3.2	2.8	1.0	.5	.1					9.6	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

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.0	2.3	1.6	.4	.0						5.5	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	.5	.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	7.5
S	.3	1.3	1.9	.7	.2	.1						4.7	8.4
SSW	.3	1.3	2.5	1.4	.4	.1	.1					6.4	9.6
SW	.4	1.5	3.0	1.6	.3	.2	.1					7.3	9.8
WSW	.3	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	
	3.4	18.0	31.9	21.6	9.3	4.6	1.1	.2				100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 2438

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.0	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	.3	.9	1.4	.3	.0							3.2	7.2
ESE	.3	.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						7.3	10.0
SW	.4	1.1	3.1	1.8	.8	.4						7.5	10.9
WSW	.1	.8	2.2	1.1	.4	.2	.0					4.8	10.5
W	.3	1.3	2.5	2.4	1.6	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

USAFETAC FORM JUL 54 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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	1.5	.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						4.6	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

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

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) 1000-2000 (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	.4	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	5.7
ESE	.6	1.9	1.3	.2								4.0	6.1
SE	.6	2.3	2.1	.5								5.4	6.7
SSE	.3	2.4	2.0	.5	.1							5.3	7.3
S	1.0	2.1	2.0	.9	.0	.0						6.1	7.2
SSW	.3	.9	1.6	.8	.2	.2		.0				4.0	9.7
SW	.4	.8	1.4	1.0	.5							4.1	10.0
WSW	.2	.6	.4	.5	.0	.1	.1					1.9	9.7
W	.5	1.3	1.9	1.6	1.1	.2	.0	.1				6.7	11.4
WNW	.2	1.4	2.7	3.8	2.5	.6	.1					11.4	13.0
NW	.5	1.5	4.2	3.8	1.3	.5	.2	.0				12.1	11.9
NNW	.2	1.5	2.2	2.3	.5	.2						6.9	10.7
VARBL													
CALM												11.1	
	8.2	24.0	28.9	18.6	6.7	1.3	.5	.2				100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 2434

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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	1.3	1.1	.2								3.1	6.6
E	.6	2.0	1.0	.2								3.9	5.8
ESE	.5	1.1	.8	.5								3.0	6.8
SE	.6	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	.1							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				6.5	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	11.9
NNW	.4	1.3	2.3	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

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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) 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					7.2	8.5
SSW	.6	1.3	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	.5	1.1	.3	.3	.1						2.5	9.1
W	.1	2.1	2.6	1.2	.6	.2	.1					7.0	10.1
WNW	.2	.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	.3	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

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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	2.3	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	.2							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	.0	1.3	3.7	3.6	1.5	.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

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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	7.6
S	.4	1.3	2.0	1.0	.1							4.8	8.0
SSW	.4	1.3	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

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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) 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	1.2	3.1	1.9	.1	.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	.3	1.4	2.0	.7	.0	.0						4.8	7.7
ESE	.3	1.0	1.3	.4	.0							3.1	7.4
SE	.3	.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	11.5
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	.3	.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

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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	1.5	.4	.0						5.3	9.8
NNE	.1	.7	1.0	.9	.1							2.8	9.3
NE	.3	.8	1.5	.5	.0							3.1	8.3
ENE	.2	1.2	1.3	.7	.2							3.6	8.6
E	.5	1.1	1.4	.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	9.8
S	.4	.5	2.0	1.6	.4	.2						5.1	10.6
SSW	.1	.9	2.3	2.5	1.6	.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	.5		.0			12.8	14.4
NW	.1	1.1	3.6	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	
	3.8	13.7	32.2	26.7	13.3	4.6	1.1	.1	.0			100.0	11.2

TOTAL NUMBER OF OBSERVATIONS 2685

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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	.2	.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	.5	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	.3	.0						4.4	10.2
SSW	.3	1.0	2.4	2.5	.9	.2						7.3	11.4
SW	.2	1.0	1.8	1.6	1.0	.4	.0					6.0	11.8
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	2.3	2.9	.8	.4						7.6	11.8
VARBL													
CALM												3.8	
	3.5	15.2	35.2	26.3	10.2	4.5	1.2	.1				100.0	10.9

TOTAL NUMBER OF OBSERVATIONS 2685

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

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 S T.))

(CONDITION)

SPEED (KNTS) DIR	1 - 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	.3	.9	1.2	1.5	.1							4.0	9.6
SW	.3	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	4.2	2.5	.5	.1					13.3	12.4
NNW	.2	1.3	2.5	2.0	.9	.1						7.0	10.6
VARBL													
CALM												7.6	
	5.4	23.8	33.2	20.2	7.1	2.3	.3	.0				100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 2683

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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	.3	1.0	1.1	.6	.1	.0						3.3	8.2
NE	.3	1.2	1.4	.6	.1							3.5	7.9
ENE	.3	1.3	1.4	.5	.1	.1						3.7	8.3
E	.7	1.8	1.3	.5	.0							4.3	6.8
ESE	.3	1.0	1.0	.3	.1							3.8	6.8
SE	.5	1.6	2.4	.4	.0							5.1	7.2
SSE	.8	1.3	3.5	.7	.1							6.5	7.9
S	.7	2.1	3.3	1.4	.1							7.6	8.0
SSW	.3	1.0	1.8	1.0	.3	.0						4.5	9.5
SW	.1	.6	1.2	.8	.5	.0						3.3	10.5
WSW	.1	.5	.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	.1	1.3	4.1	3.7	2.0	.5	.0					12.0	12.4
NNW	.3	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

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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	1.8	.5	.0							3.9	7.9
ENE	.4	1.5	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	.3	.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

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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								4.1	6.4
ESE	.3	.8	.4	.1								1.6	5.8
SE	.2	.9	.3	.2	.0							1.7	6.5
SSE	.5	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

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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) 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	.6	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	.2								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	.8	.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	.3	2.0	4.1	1.7	.8	.0						8.9	9.3
WSW	.3	1.2	1.4	.5	.2							3.8	8.0
W	.5	1.8	2.4	.8	.2	.0	.1					5.9	8.5
WNW	.3	1.0	2.5	2.3	1.3	.2						7.7	11.4
NW	.3	1.3	3.4	2.7	1.2	.3	.1	.0				9.3	11.6
NNW	.5	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

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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	.0	1.7	2.4	.5								5.2	7.0
ESE	.2	1.2	1.8	.6	.1							3.9	8.0
SE	.2	.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	.2	.6	2.0	1.2	.4	.0						4.7	10.1
NNE	.3	.6	1.3	.2	.1							2.4	7.6
NE	.3	.8	1.4	.4	.2	.1						3.2	8.6
ENE	.1	1.3	2.0	.7	.2	.0						4.3	8.6
E	.7	1.5	2.0	.5								4.8	7.3
ESE	.3	1.2	1.8	.4	.1							3.8	8.0
SE	.2	.7	1.5	.8	.0							3.4	8.7
SSE	.2	.7	1.2	.6	.2	.0						2.9	9.0
S	.3	.8	2.7	2.3	.4	.1						6.7	10.5
SSW	.4	.9	2.4	3.4	1.0	.3	.0					8.5	11.9
SW	.3	.9	2.2	2.1	1.1	.2						6.9	11.6
WSW	.4	.9	1.9	1.5	.7	.3						5.6	10.8
W	.3	1.7	3.1	1.8	1.0	.3	.0					8.2	10.9
WNW	.5	1.3	2.5	3.8	3.0	1.2	.0					12.5	13.5
NW	.2	1.5	2.9	3.4	1.7	.8		.0				10.5	12.7
NNW	.3	1.3	2.0	2.7	.8	.2	.0					7.5	11.2
VARBL													
CALM												3.9	
	5.3	17.2	32.9	26.1	10.8	3.8	.2	.0				100.0	10.4

TOTAL NUMBER OF OBSERVATIONS 2594

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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	.2	.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	1.5	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	.2	1.1	2.5	3.2	.6	.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	2.3	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

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

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) 44-72 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.8	1.7	1.2	.3	.0						5.3	8.7
NNE	.2	.4	.7	.3	.2							1.7	8.4
NE	.4	.7	.3	.6	.2	.0						2.2	8.8
ENE	.3	1.0	1.8	.4	.1							3.6	7.9
E	.9	2.4	2.5	.6	.0	.0						6.4	6.8
ESE	.7	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	2.0	.2							7.9	8.4
S	.9	2.3	3.2	1.3	.2							7.8	7.7
SSW	.4	.9	2.4	1.2	.1	.0						5.2	9.7
SW	.3	1.3	2.1	1.4	.2							5.4	9.1
WSW	.3	1.1	.5	.2	.3							2.3	7.6
W	.0	1.4	1.6	.6	.4	.1						4.1	8.5
WNW	.3	.9	2.5	2.7	1.7	.4	.0	.0				8.7	12.4
NW	.3	1.5	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

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.1	1.7	1.2	.2	.0						4.9	9.1
NNE	.3	1.0	1.3	.5	.2							3.2	8.1
NE	.2	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	.5	1.4	1.6	.5	.1							4.1	7.1
SE	.4	1.7	2.8	.6	.1							5.6	7.5
SSE	1.3	2.0	3.2	.8	.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						7.5	8.9
SW	.5	1.2	1.7	.6	.5	.0						4.5	8.8
WSW	.3	.7	.7	.3	.1							2.0	7.7
W	.4	1.9	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					8.5	11.2
NNW	.2	1.0	1.8	1.6	.5	.1						5.2	10.5
VARBL													
CALM												11.2	
	8.5	23.3	33.6	17.6	5.1	.6	.1					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 1586

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

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							5.5	6.7
NNE	.5	1.5	1.2	.3	.1							3.6	6.8
NE	.9	1.3	1.6	.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	.5	2.8	2.0	.3	.1							5.7	6.7
WNW	.4	1.0	2.2	.6	.2							4.4	8.4
NW	.3	1.6	2.2	.9	.4	.0						5.3	8.6
NNW	.3	.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

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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) 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	5.9
ESE	.4	.9	.6	.2								2.1	6.3
SE	.3	1.2	1.1	.1								2.7	6.3
SSE	1.1	1.3	.9	.1								3.4	5.3
S	1.6	2.4	2.2	1.0								7.3	6.6
SSW	.8	2.8	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	.9	.1							4.8	7.4
W	.6	2.9	2.8	.3								6.7	6.4
WNW	.4	1.3	2.0	.9	.2	.1						4.9	8.7
NW	.5	1.6	2.2	1.0	.4	.0						5.7	8.6
NNW	.5	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

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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								4.4	6.8
E	.7	1.7	1.6	.2	.1							4.3	6.6
ESE	.8	.6	.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	5.0	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	6.8
WNW	.4	1.6	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												12.9	
	9.6	27.0	34.2	13.7	2.5	.1	.0					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 2681

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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) 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							5.1	8.6
NNE	.5	1.2	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	35.7	19.8	5.6	.6	.0					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 2675

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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	1.5	.5	.1							3.7	7.4
E	.5	1.6	2.8	.6	.1							5.5	7.8
ESE	.5	1.8	2.3	.5	.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							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	3.5	2.8	.4	.1						9.0	9.8
WSW	.3	1.4	2.2	1.3	.5							5.7	9.5
W	.3	1.5	2.5	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	2.5	2.7	1.0	.1						7.5	11.2
NNW	.3	.6	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

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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						5.2	9.0
NNE	.5	1.1	.9	.6	.0							3.1	7.3
NE	.5	.8	1.2	.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	.2	1.3	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	1.2	.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	.3	.0	.0				8.9	12.0
NW	.3	1.3	2.6	2.3	.7	.1						7.4	10.3
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

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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	.5	.1							4.1	7.9
NNE	.4	1.2	1.0	.2								2.9	6.5
NE	.5	1.3	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	.3	.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	.5	.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

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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	.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	6.5
W	.3	1.6	1.6	.4	.0	.0						4.1	7.3
WNW	.2	1.0	1.8	.9	.3	.1						4.2	9.0
NW	.4	1.2	2.5	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

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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	.2								2.5	6.0
ENE	.4	.9	.7	.2								2.2	6.2
E	.7	1.3	.5	.2								2.6	5.3
ESE	.2	.4	.3	.2								1.1	7.3
SE	.5	1.4	1.3									3.2	5.9
SSE	1.6	2.1	1.3	.2	.3							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	2.3	.2	.0							6.1	6.3
WNW	.3	1.8	1.8	.4	.2							4.5	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	
	11.6	31.1	29.1	4.7	.6	.1						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 2560

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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	.9	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									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	5.5
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

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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	1.6	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							1.3	5.9
SSE	.5	.8	.7	.0								2.1	6.1
S	.4	2.1	1.3	.5								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							12.5	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	.5	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 2572

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

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	.5	1.5	1.8	1.3	.1							5.2	8.2
NNE	.7	1.8	1.6	.3	.0							4.4	6.7
NE	.2	1.8	1.6	.6	.1							4.3	7.5
ENE	.3	1.6	1.4	.3								4.0	6.8
E	.5	1.3	1.7	.5								4.1	7.1
ESE	.6	1.0	1.2	.1	.1							3.0	6.5
SE	.4	1.4	.6	.2	.0							2.8	6.2
SSE	.3	.9	.9	.3								2.3	6.7
S	.5	1.9	2.4	.5								5.4	7.1
SSW	.9	2.8	4.3	1.3	.2							9.6	7.8
SW	.8	3.1	4.3	1.9	.2	.0						10.6	8.0
WSW	.6	1.8	2.4	.9	.2							6.1	7.6
W	.9	2.3	2.6	.5	.0	.0						6.4	7.0
WNW	.3	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

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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							3.5	7.9
ENE	.5	1.4	1.7	.2								3.9	6.7
E	.4	1.5	1.9	.4	.0							4.3	7.2
ESE	.4	1.4	1.3	.2	.1							3.5	6.8
SE	.4	1.6	1.6	.3								3.9	6.8
SSE	.5	1.6	1.8	.5								4.3	7.3
S	1.0	1.8	3.2	1.4	.1							7.5	8.0
SSW	.4	2.6	4.3	2.0	.1	.1						9.5	8.6
SW	.4	2.6	5.5	2.0	.2			.0				10.7	8.6
WSW	.4	2.0	2.6	.7	.2	.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	.6	.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 OLSERVATIONS 2571

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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	7.6
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	.0	2.4	2.8	.3	.0							6.2	6.7
SE	.2	1.9	2.1	.8								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	8.5
SSW	.3	2.4	5.4	2.3	.2	.1						10.7	8.9
SW	.2	2.7	4.3	1.9	.1		.0					9.4	8.7
WSW	.4	1.5	2.3	.7	.1							5.0	7.9
W	.3	1.9	2.8	1.0	.2							6.2	8.2
WNW	.3	1.3	2.2	1.7	.5	.2						6.2	10.1
NW	.3	1.6	2.1	2.2	.4	.2						6.8	10.1
NNW	.2	.8	1.4	1.2	.3							3.9	9.3
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

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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	.2	.0							2.4	6.2
NE	.5	1.0	.8	.2								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	1.1	.3								5.7	5.9
SE	1.1	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	.5	1.3	.9	.3	.1							3.1	6.7
W	.7	2.1	1.6	.3								4.7	6.2
WNW	.2	.9	1.6	.7	.2	.1						3.6	9.6
NW	.3	1.3	1.3	.7	.1	.1						3.8	8.5
NNW	.3	.9	.9	.6	.2							2.8	8.0
VARBL													
CALM												16.0	
	11.8	34.2	29.2	7.4	1.0	.3						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 2576

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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	.2	.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	2.8	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

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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)

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								9.6	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	1.3	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

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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	.5	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	6.3
WSW	1.0	2.8	1.1									4.9	5.1
W	1.5	3.3	1.5									6.2	5.2
WNW	.8	1.6	1.0	.1	.0							3.5	5.8
NW	.3	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

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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) | 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	.5	.9	.6	.1								2.1	5.7
ESE	.3	.6	.1	.0								1.0	5.0
SE	.3	1.0	.4									1.6	5.3
SSE	.5	1.5	.9	.1								2.9	5.6
S	.8	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

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	2.4	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	1.6	1.1	.1								3.4	5.9
ESE	.5	1.6	1.0	.1								3.1	5.8
SE	.5	1.2	.8	.2	.1							2.8	6.6
SSE	.7	1.5	1.5	.5								4.1	6.5
S	.4	2.2	2.2	.7	.0							5.6	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							9.5	7.4
WSW	1.0	2.4	2.0	.4								5.9	6.4
W	.7	2.5	1.6	.5	.1							5.5	6.5
WNW	.7	2.1	2.6	1.0	.2							6.6	7.5
NW	.5	2.1	3.1	.8	.1							6.6	7.7
NNW	.7	1.4	2.0	.6	.1							4.3	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

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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	.5	1.5	1.1	.3								3.4	6.5
ENE	.5	1.2	1.1	.3	.0							2.9	7.1
E	.6	1.7	2.1	.2								4.6	6.4
ESE	.5	1.5	1.5	.3	.0							3.8	6.7
SE	.4	1.9	2.1	.6								4.9	7.2
SSE	.2	1.4	2.6	.5	.0							4.7	7.7
S	.8	1.6	3.7	1.6	.1							7.8	8.3
SSW	.9	2.4	4.8	2.0	.4	.1						10.6	8.5
SW	.5	3.2	4.4	1.1	.1							9.3	7.8
WSW	.5	2.2	3.4	1.0	.0							7.2	7.7
W	.5	2.9	2.7	1.3	.2							7.6	7.9
WNW	.3	1.7	2.7	1.5	.3							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

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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) 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	.2	.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	.8	2.2	4.6	1.6	.1							9.2	8.3
SSW	.5	2.8	5.3	2.0	.2	.1						10.9	8.5
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	1.8	2.7	.6	.1	.1						5.7	8.0
WNW	.3	.6	2.2	1.0	.2	.1						4.3	9.2
NW	.4	1.2	2.1	.8	.3							4.8	8.6
NNW	.1	.6	1.2	1.0	.1	.0						3.0	9.7
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	8.9	
	7.3	28.1	41.1	12.8	1.6	.3	.0					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 2774

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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) 43-72 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.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	.3	.4	.3								1.7	6.4
E	1.4	1.8	1.0	.3								4.5	5.5
ESE	1.1	3.1	1.3	.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	3.3	.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	.6	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

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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) 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	1.1	.5	.1								2.2	5.7
NNE	.4	.5	.7	.0			.0					1.6	6.4
NE	.3	.6	.4	.0								1.4	5.6
ENE	.5	.5	.4	.1	.0							1.5	5.6
E	.6	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	.3								8.0	6.4
WSW	.5	2.0	.8	.1								3.4	5.6
W	1.1	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	.2		.0					100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 2769

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	2.0	1.6	.4								4.1	6.2
NNE	.2	1.2	.9	.3	.0							2.6	6.1
NE	.7	1.2	.9	.3	.1							3.2	6.0
ENE	.2	.2	.4	.0	.0							1.2	6.3
E	.6	.9	.3	.1	.0							2.0	5.8
ESE	.3	1.1	.3		.0							1.7	5.0
SE	.3	1.2	.9	.0	.0							2.2	5.8
SSE	.1	1.5	.6	.0								2.2	5.4
S	2.0	4.8	3.3	.6								10.7	5.9
SSW	1.5	4.5	3.4	.6								10.2	6.3
SW	1.4	4.4	3.7	.3								9.8	6.3
WSW	.7	1.6	.9	.1								3.3	5.5
W	.8	2.9	1.3	.0								5.0	5.6
WNW	.4	1.3	1.4	.3								3.4	6.8
NW	.7	2.3	2.4	.3	.0	.0						6.1	6.8
NNW	.4	1.1	1.4	.4								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

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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) 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	2.6	2.5	.4	.0							6.5	6.6
NNE	.8	2.3	1.1	.0								4.2	5.7
NE	.6	1.4	1.4	.3								3.6	6.6
ENE	.5	.6	.2	.1								1.4	5.3
E	.7	.7	.2	.1	.1							1.9	5.7
ESE	.6	.5	.0									1.1	3.8
SE	.4	.9	.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	3.6	1.4	.0								5.8	5.5
WNW	.5	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

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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) 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	.3	1.7	.9		.0	.0						3.0	6.2
E	.5	.7	.5	.0	.0							1.8	5.8
ESE	.7	.9	.2	.1								1.9	4.7
SE	.3	.6	.3	.0	.0							1.2	5.8
SSE	.7	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

USAFETAC FORM JUL 74 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

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) 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	.3	.9	1.3	.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	1.3	.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

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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							4.6	6.3
ESE	.7	.9	1.8	.1	.1							3.6	6.8
SE	.4	1.4	1.6	.4								3.8	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	.8	2.5	3.8	1.6	.1							8.9	8.1
SW	.8	2.4	3.5	1.0	.0							7.7	7.4
WSW	.5	1.5	3.1	.8	.1							5.9	7.8
W	.9	1.9	2.9	.9	.1							6.8	7.5
WNW	.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

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.5	2.0	.7								4.5	7.7
NNE	.7	1.4	1.2	.2	.0	.0	.0					3.7	6.6
NE	.8	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	.3								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	1.8	2.7	1.2	.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

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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	1.5	4.2	1.5	.1								7.3	5.1
SE	1.6	4.2	2.5	.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	2.5	1.9	.4	.1	.0						5.9	6.7
WSW	.4	1.2	.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	7.3
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

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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						3.5	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	5.5
W	.8	1.8	1.1	.1								3.7	5.5
WNW	.4	.8	1.0	.1								2.7	6.3
NW	.4	1.5	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

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	.6	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	.3								7.4	6.3
WSW	.6	1.2	.9	.0								2.8	5.7
W	.7	1.8	1.9	.1								4.5	6.2
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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

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) 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	1.5	2.7	3.5	1.0	.1							8.8	7.0
NNE	1.3	2.0	2.0	.5								5.7	6.2
NE	.8	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	.2	.7	.2									1.2	4.8
SE	.4	.9	.7	.0								2.0	5.6
SSE	.7	.7	.5		.0							1.9	5.4
S	1.5	2.6	2.4	.3	.0							6.9	6.1
SSW	1.2	2.9	3.2	.7								7.9	6.8
SW	1.3	3.6	2.6	.2								7.7	6.0
WSW	.5	1.2	.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

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

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	.3	1.5	1.0	.2	.1	.0						3.2	7.4
E	.5	1.3	.9	.4								2.9	6.3
ESE	.2	.5	.5									1.3	5.7
SE	.2	1.2	.5	.0	.0							2.0	6.0
SSE	.6	.7	.2	.1								1.6	4.9
S	.8	2.3	2.1	.4	.0							5.7	6.5
SSW	.8	3.2	3.6	1.1	.1							8.8	7.2
SW	1.0	3.2	2.5	.6								7.3	6.6
WSW	.7	1.3	.7	.0	.0							2.8	5.4
W	.9	1.7	1.3	.1								4.0	5.8
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	.9	2.1	2.3	.8	.2							6.3	7.3
VARBL													
CALM												19.0	
	11.8	32.4	28.7	7.3	.7	.2						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 2603

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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	2.6	3.2	1.0	.1	.1						8.5	7.3
ENE	1.0	1.4	2.0	.7	.1							5.2	7.0
E	.8	2.0	2.3	.3	.1							5.3	6.7
ESE	.6	1.0	1.1	.2								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	1.6	2.1	.8	.0							5.3	7.5
SSW	.4	1.6	3.3	1.9	.3							7.7	8.9
SW	.9	2.0	3.9	1.5	.0							8.5	8.0
WSW	.5	1.7	1.2	.4	.1							3.8	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	.5	.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

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

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	2.3	2.3	.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	.3	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

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.8	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	2.5	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	.3	.1	.0					5.9	9.8
NNW	.3	1.0	1.7	1.1	.2							4.4	9.1
VARBL													
CALM												8.1	
	8.9	31.5	37.6	12.0	1.6	.4	.0					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 2609

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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) 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	.3	.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								8.4	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

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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	6.5
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	.2	.8	.5		.0							1.5	6.2
W	.5	1.4	1.2	.2								3.3	6.3
WNW	.2	.7	1.3	.3	.0							2.5	7.9
NW	.5	1.3	2.2	.4	.1	.0						4.6	8.0
NNW	.5	1.3	1.4	.5								3.7	6.9
VARBL													
CALM												23.3	
	12.7	29.5	28.7	4.9	.7	.2						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 2605

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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					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

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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) 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	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	5.3
ESE	.1	.3	.2									.6	5.4
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	X	X	X	X	X	X	X	X	X	X	X	23.0	
	10.6	27.8	29.8	7.4	1.2	.3						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 2690

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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	9.2	1.4	.2						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 2691

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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-T¹ (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	5.7
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	1.5	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

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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	2.0	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

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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	33.9	18.7	3.8	.5	.0	.0	.0			100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 2690

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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) 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

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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	NOV
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	.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	1.3	.5							7.8	8.8
WSW	.4	2.1	2.1	.7	.5							5.8	8.2
W	.8	1.3	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

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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	.3	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

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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) NOV (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.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

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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	5.9
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

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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							6.9	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	4.5	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

USAFETAC FORM JUL 64 0-9-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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) 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

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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							2.5	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

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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	7.5
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

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	.3	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	.2	.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

USAFETAC FORM 0-8-5 (OL-A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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) ALL (MONTH)

INSTRUMENT (CLASS) ALL (HOURS (L.S.T.))

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

SPEED (KNTS) DIR	1 - 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					3.6	7.5
S	.9	1.9	1.8	.8	.2	.0	.0					5.6	7.5
SSW	.6	1.6	2.0	1.2	.2	.0	.0	.0				5.6	8.4
SW	.6	1.6	1.9	.8	.3	.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

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 1800																
≥ 1500					91.0											92.6
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500										97.4						98.1
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0					95.4		96.9			98.3						100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 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%.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥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
≥ 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	58.9	58.9	58.9	59.0
≥ 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
≥ 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
≥ 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
≥ 12000	33.7	57.9	60.5	62.2	63.1	63.4	63.8	64.0	64.0	64.1	64.1	64.1	64.2	64.2	64.2	64.3
≥ 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
≥ 9000	35.5	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
≥ 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
≥ 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
≥ 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
≥ 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	77.8	77.8	77.8	77.9
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 1500	41.5	76.9	81.4	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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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	93.6	93.7	93.7	93.9
≥ 500	41.8	78.5	83.5	87.2	90.0	90.9	92.5	93.0	93.8	94.4	94.6	94.7	94.8	94.9	95.0	95.1
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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

USAF ETAC FORM JUL 64 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) ANDREWS AFB WASHINGTON D C (STATION NAME) 44-72 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	<¼	0
NO CEILING	25.6	42.0	43.1	43.7	43.9	43.9	44.0	44.0	44.0	44.0	44.1	44.1	44.1	44.1	44.1	44.1
≥ 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
< 20000 ≥ 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
< 18000 ≥ 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
< 16000 ≥ 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
< 14000 ≥ 12000	31.4	54.3	56.2	57.4	58.1	58.2	58.4	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7
< 12000 ≥ 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
< 10000 ≥ 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
< 9000 ≥ 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
< 8000 ≥ 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
< 7000 ≥ 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
< 6000 ≥ 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
< 5000 ≥ 4500	36.5	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
< 4500 ≥ 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
< 4000 ≥ 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	78.9	78.9	78.9	78.9
< 3500 ≥ 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
< 3000 ≥ 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
< 2500 ≥ 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
< 2000 ≥ 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
< 1800 ≥ 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
< 1500 ≥ 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
< 1200 ≥ 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
< 1000 ≥ 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
< 900 ≥ 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
< 800 ≥ 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
< 700 ≥ 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
< 600 ≥ 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
< 500 ≥ 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
< 400 ≥ 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
< 300 ≥ 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
< 200 ≥ 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
< 100 0	38.7	75.8	80.0	83.5	86.6	87.5	89.7	92.0	92.5	94.3	95.6	95.9	97.0	97.4	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 21369

USAF ETAC FORM JUL 64 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 — ANDREWS AFB WASHINGTON D C STATION NAME — 44-72 YEARS — FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥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	46.1	46.1	46.1	46.1
≥ 20000	31.1	50.6	52.1	53.1	53.8	54.0	54.3	54.4	54.6	54.4	54.4	54.4	54.4	54.5	54.5	54.5
≥ 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
≥ 16000	31.6	51.4	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
≥ 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
≥ 12000	33.5	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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 5000	38.5	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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
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

USAF ETAC FORM Jul 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	30.6	45.9	46.5	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
≥ 20000	35.9	54.1	55.0	55.5	55.9	55.9	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.2
< 20000	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	56.6	56.6
≥ 18000	36.2	54.9	55.8	56.3	56.7	56.7	56.9	56.9	56.9	56.9	56.9	56.9	57.0	57.0	57.0	57.0
< 18000	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
≥ 16000	37.8	57.9	58.9	59.5	59.9	60.0	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.3	60.3
< 16000	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
≥ 14000	39.5	61.2	62.4	63.0	63.5	63.6	63.8	63.8	63.8	63.8	63.9	63.9	63.9	63.9	63.9	64.0
< 14000	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
≥ 12000	41.0	63.2	66.6	67.4	68.0	68.1	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.5	68.5
< 12000	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	70.4	70.4
≥ 10000	43.4	70.4	72.2	73.1	73.9	74.0	74.4	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.6	
< 10000	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
≥ 9000	45.1	74.0	76.0	77.0	77.9	78.1	78.4	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.7
< 9000	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
≥ 8000	46.3	76.7	78.9	80.2	81.2	81.4	81.8	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.1	82.1
< 8000	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
≥ 7000	47.1	78.6	81.1	82.6	83.8	84.1	84.6	84.8	84.8	84.9	84.9	84.9	84.9	84.9	85.0	85.0
< 7000	47.1	78.8	81.3	82.9	84.1	84.4	84.9	85.1	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.4
≥ 6000	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
< 6000	47.4	79.7	82.5	84.2	85.6	86.0	86.6	86.9	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.3
≥ 5000	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
< 5000	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
≥ 4500	47.5	80.2	83.2	85.3	87.1	87.6	88.5	89.1	89.2	89.4	89.5	89.5	89.6	89.6	89.6	89.7
< 4500	47.5	80.4	83.4	85.6	87.5	88.1	89.2	89.8	90.0	90.3	90.4	90.4	90.5	90.5	90.5	90.6
≥ 4000	47.5	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
< 4000	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
≥ 3500	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
< 3500	47.6	80.8	84.0	86.6	89.1	90.0	91.9	93.6	94.0	95.2	95.7	95.9	96.3	96.3	96.4	96.5
≥ 3000	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
< 3000	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
≥ 2500	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
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TOTAL NUMBER OF OBSERVATIONS 21477

USAF ETAC FORM JUL 64 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) ANDREWS AFB WASHINGTON D C (STATION NAME) 44-72 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥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	45.8
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 4500	48.7	74.3	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
≥ 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
≥ 3500	50.1	77.3	79.3	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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 500	51.8	83.2	86.2	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
≥ 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
≥ 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
≥ 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
≥ 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
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

USAF ETAC FORM 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 (STATION) ANDREWS AFB WASHINGTON D C (STATION NAME) 44-72 (YEARS) DAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	>⅝	≥½	≥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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 4000	43.8	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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 800	46.1	80.5	84.5	87.0	89.2	89.8	90.9	91.3	91.4	91.6	91.7	91.7	91.7	91.7	91.8	91.9
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 200	46.2	81.3	85.6	88.7	91.8	92.8	95.0	96.2	96.9	97.7	98.1	98.1	98.4	98.5	98.8	99.0
≥ 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
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 STATION NAME — 43-72 YEARS — JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥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
≥ 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
≥ 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
≥ 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	65.1
≥ 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
≥ 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
≥ 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	73.5	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	74.5
≥ 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	76.7
≥ 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
≥ 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	79.3	79.3
≥ 5000	38.3	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	81.3	81.3
≥ 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
≥ 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	84.6
≥ 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	85.9
≥ 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	87.5
≥ 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
≥ 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
≥ 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
≥ 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	91.9
≥ 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	93.1
≥ 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	94.2
≥ 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	94.6
≥ 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
≥ 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	95.8
≥ 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
≥ 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	97.5
≥ 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
≥ 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	99.0	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	99.4	99.5
≥ 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	99.5	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	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 20547

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

13705 (WBAN) ANDREWS AFB WASHINGTON D C (STATION NAME) 43-72 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥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	49.6
≥ 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	63.1	63.2
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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

USAF ETAC FORM NO. 64 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) ANDREWS AFB WASHINGTON D C (STATION NAME) 43-71 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	0
NO CEILING	20.3	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
≥ 20000	23.6	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
≥ 18000	25.7	53.0	57.5	60.8	62.4	62.8	63.5	63.8	63.8	64.0	64.0	64.0	64.1	64.1	64.2	64.3
≥ 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
≥ 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
≥ 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
≥ 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
≥ 9000	29.2	61.9	67.5	71.8	73.°	74.3	75.1	75.4	75.5	75.7	75.8	75.8	75.9	75.9	76.0	76.0
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
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

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

13705 (STATION) ANDREWS AFB WASHINGTON D C (STATION NAME) 43-71 (YEARS) SEP (MONTH)

ALL (HOURS LST)

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	≥5/16	≥¼	≥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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 4000	38.8	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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 20568

USAF ETAC FORM JUL 64 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) ANDREWS AFB WASHINGTON D C (STATION NAME) 43-71 (YEARS) GCT (HOURS)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 10000	35.6	62.0	64.9	66.7	67.8	68.1	68.6	68.9	68.9	69.0	69.1	69.1	69.2	69.2	69.3	69.6
≥ 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
≥ 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
≥ 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
≥ 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
≥ 5000	38.4	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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 1500	41.5	77.1	81.7	84.4	86.6	87.1	87.9	88.3	88.4	88.6	88.8	88.8	88.9	88.9	89.0	89.3
≥ 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
≥ 1000	41.7	78.0	82.3	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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 300	41.8	78.8	83.9	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
≥ 200	41.8	78.8	84.0	87.6	90.5	91.6	93.8	95.3	95.7	96.6	97.1	97.2	97.5	97.6	97.8	98.2
≥ 100	41.8	78.8	84.0	87.6	90.5	91.6	93.8	95.4	95.8	96.7	97.4	97.4	97.9	98.0	98.3	99.0
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

USAF ETAC FORM 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 43-71 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥7/16	≥¼	≥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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 800	43.1	79.1	83.8	87.3	89.2	89.8	90.9	91.5	91.6	92.0	92.1	92.1	92.2	92.3	92.4	92.5
≥ 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
≥ 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
≥ 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
≥ 400	43.1	79.6	84.5	88.3	90.7	91.5	93.2	94.3	94.7	95.3	95.6	95.6	95.8	95.9	96.0	96.2
≤ 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
< 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
≥ 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
≥ 0	43.1	79.7	84.6	88.5	91.0	91.9	93.8	95.5	95.9	96.9	97.6	97.6	98.1	98.2	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 20833

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) ANDREWS AFB WASHINGTON D C (STATION NAME) 43-71 (YEARS) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS G.M.T.)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	25.5	42.0	43.3	43.9	44.4	44.5	44.6	44.7	44.7	44.7	44.7	44.8	44.8	44.8	44.8	44.9
≥ 20000	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
≥ 18000	29.9	50.1	52.1	53.3	54.2	54.4	54.7	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.2
≥ 16000	30.2	50.6	52.6	53.9	54.8	55.0	55.3	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.7	55.8
≥ 14000	30.8	51.8	53.9	55.2	56.1	56.4	56.7	56.9	56.9	57.0	57.0	57.0	57.1	57.1	57.1	57.2
≥ 12000	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
≥ 10000	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
≥ 9000	33.5	58.4	61.0	62.7	63.8	64.0	64.5	64.7	64.7	64.8	64.9	64.9	64.9	64.9	64.9	65.0
≥ 8000	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
≥ 7000	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
≥ 6000	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
≥ 5000	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
≥ 4500	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
≥ 4000	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
≥ 3500	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
≥ 3000	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
≥ 2500	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
≥ 2000	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
≥ 1800	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
≥ 1500	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
≥ 1200	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
≥ 1000	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
≥ 900	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
≥ 800	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
≥ 700	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
≥ 600	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
≥ 500	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
≥ 400	39.5	75.6	80.3	84.2	87.2	88.1	89.9	91.7	92.0	92.9	93.5	93.6	93.9	94.0	94.2	94.4
≥ 300	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
≥ 200	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
≥ 100	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	99.2
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

USAF ETAC FORM 101 64 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) ANDREWS AFB WASHINGTON D C (STATION NAME) 44-72 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥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	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	54.5
≥ 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	54.7
≥ 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	55.3
≥ 14000	30.6	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	57.0
≥ 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	59.2
≥ 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	62.3	62.4
≥ 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	63.6	63.7
≥ 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	66.4
≥ 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	68.3	68.4
≥ 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	70.0
≥ 5000	37.6	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	73.6
≥ 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	75.4
≥ 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	77.1	77.2
≥ 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	78.4	78.5
≥ 3000	39.3	73.2	76.1	77.9	79.3	79.5	79.9	80.2	80.2	80.3	80.3	80.3	80.4	80.4	80.4	80.4
≥ 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	81.7
≥ 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	82.9	83.0
≥ 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	83.2	83.3
≥ 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	83.9
≥ 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	85.2	85.3
≥ 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	86.7	86.8
≥ 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	87.6
≥ 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	88.3	88.4
≥ 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	89.1	89.2
≥ 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	90.1	90.2
≥ 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	91.7	91.9
≥ 400	40.1	78.1	81.8	84.6	87.1	87.6	89.3	90.8	91.1	92.3	92.5	92.5	93.0	93.1	93.2	93.4
≥ 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	94.9	95.4
≥ 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	96.5	97.1
≥ 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	97.2	98.3
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	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2671

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) ANDREWS AFB WASHINGTON D C (STATION NAME) 64-72 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	25.7	44.2	45.0	45.7	45.9	45.9	46.2	46.3	46.3	46.3	46.3	46.3	46.4	46.4	46.4	46.5
≥ 20000	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
< 20000	27.9	49.6	50.9	52.0	52.5	52.6	52.9	53.2	53.2	53.3	53.3	53.3	53.4	53.4	53.4	53.4
≥ 18000	28.1	50.1	51.4	52.5	53.0	53.1	53.5	53.7	53.7	53.8	53.8	53.8	53.9	53.9	53.9	54.0
< 16000	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
≥ 14000	29.5	53.7	55.1	56.2	56.7	56.9	57.3	57.5	57.5	57.6	57.6	57.6	57.7	57.7	57.7	57.7
< 12000	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
≥ 10000	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
< 9000	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
≥ 8000	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
< 7000	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
≥ 6000	35.6	66.4	68.3	69.8	70.6	70.8	71.4	71.7	71.7	71.8	71.9	71.9	72.0	72.0	72.0	72.1
< 5000	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
≥ 4500	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
< 4000	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
≥ 3500	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
< 3000	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
≥ 2500	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
< 2000	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
≥ 1800	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
< 1500	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
≥ 1200	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
< 1000	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
≥ 900	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
< 800	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
≥ 700	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
< 600	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
≥ 500	39.0	76.5	79.7	82.5	84.9	85.7	87.6	89.5	90.0	91.2	91.8	91.8	92.5	92.5	92.7	92.9
< 400	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
≥ 300	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
< 200	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
≥ 100	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	96.4	97.1	100.0
0																

TOTAL NUMBER OF OBSERVATIONS 2667

USAF ETAC FORM Jul 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥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
< 20000	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
≥ 18000	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
< 18000	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
≥ 14000	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
< 14000	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
≥ 12000	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
< 12000	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
≥ 10000	27.2	56.1	58.9	60.8	62.2	62.4	62.9	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.7
< 10000	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
≥ 9000	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
< 9000	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
≥ 8000	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
< 8000	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
≥ 7000	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
< 7000	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
≥ 6000	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
< 6000	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
≥ 5000	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
< 5000	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
≥ 4500	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
< 4500	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
≥ 4000	31.6	70.2	74.8	78.5	81.8	82.6	84.1	85.5	85.7	86.7	86.9	86.9	87.2	87.2	87.3	87.4
< 4000	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
≥ 3500	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
< 3500	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
≥ 3000	31.6	70.8	75.5	79.6	83.1	84.1	86.3	88.4	88.8	90.6	91.2	91.2	91.7	91.8	91.9	92.1
< 3000	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
≥ 2500	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
< 2500	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
≥ 2000	31.6	70.9	75.6	79.6	83.3	84.5	87.2	90.0	90.5	92.9	94.2	94.5	95.9	96.2	96.9	100.0
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TOTAL NUMBER OF OBSERVATIONS 2671

USAF ETAC FORM 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 STATION ANDREWS AFB WASHINGTON D C STATION NAME 44-72 YEARS JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
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	49.5	49.6	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.1
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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

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) ANDREWS AFB WASHINGTON D.C. (STATION NAME) 44-72 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥5/16	<½	≥0
NO CEILING	25.2	38.5	39.2	39.4	39.6	39.6	39.6	39.6	39.6	39.6	39.7	39.7	39.7	39.7	39.7
≥ 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	50.9	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
≥ 16000	31.2	48.9	50.2	50.8	51.4	51.6	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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 7000	36.7	61.4	63.5	64.7	65.9	66.2	66.6	66.7	66.7	66.8	66.9	66.9	66.9	66.9	66.9
≥ 6000	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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 1500	41.8	75.0	78.4	80.7	83.0	83.7	84.7	85.1	85.3	85.7	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
≥ 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
≥ 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
≥ 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	89.8	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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 200	41.8	76.0	80.0	83.3	87.1	88.3	90.8	93.5	94.1	95.4	96.9	97.1	98.4	98.7	99.0
≥ 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
≥ 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

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¼	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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	63.8	63.8
≥ 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
≥ 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	67.2	67.2
≥ 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
≥ 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
≥ 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	75.5	75.5
≥ 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	76.9	76.9	76.9	76.9
≥ 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	79.2	79.2
≥ 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
≥ 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	82.3	82.3	82.3	82.3
≥ 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
≥ 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	85.7	85.7	85.8	85.8
≥ 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
≥ 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
≥ 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	88.4	88.4	88.5	88.5
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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

USAF ETAC FORM Jul 64 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 — ANDREWS AFB WASHINGTON D C STATION NAME — 44-72 YEARS — JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1400-2000 HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
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
≥ 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
< 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
≥ 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
< 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
≥ 12000	34.3	57.5	59.4	61.0	61.2	61.3	61.4	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6
< 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
≥ 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
< 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
≥ 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
< 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
≥ 5000	38.8	69.9	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
< 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
≥ 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
< 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
≥ 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
< 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
≥ 2000	40.5	76.1	80.0	83.4	84.2	84.6	35.0	85.5	85.7	85.8	85.9	85.9	86.0	86.0	86.0	86.0
< 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
≥ 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
< 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
≥ 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	90.1	90.1
< 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
≥ 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
< [illegible]	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
≥ 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
< 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
≥ 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
< 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
≥ 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
< 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
≥ 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

TOTAL NUMBER OF OBSERVATIONS 2676

USAF ETAC FORM 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 (STATION) ANDREWS AFB WASHINGTON D C (STATION NAME) 44-72 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
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	47.7	47.7	47.7
≥ 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
≥ 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	55.7	55.7	55.7
≥ 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	56.3	56.3	56.3
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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	78.6	78.6	78.7
≥ 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	80.0	80.0	80.0
≥ 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	81.6	81.7	81.7
≥ 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	83.0	83.0
≥ 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
≥ 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
≥ 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	85.9	86.0	86.0	86.1
≥ 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	87.1	87.1	87.2	87.3
≥ 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	88.4	88.4	88.5	88.6
≥ 900	40.8	78.9	82.0	85.4	87.0	87.4	87.9	88.4	88.5	88.8	88.9	88.9	89.1	89.1	89.2	89.3
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
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

USAF ETAC FORM JUL 64 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) ANDREWS AFB WASHINGTON D C (STATION NAME) 44-72 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥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	49.2
≥ 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	55.5	55.5	55.5	55.5
< 20000	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	55.6	55.7
≥ 18000	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	56.0
< 18000	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	57.2
≥ 16000	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	59.4
< 16000	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	61.7
≥ 14000	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	62.9	63.0
< 14000	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	65.6	65.7
≥ 12000	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	68.4
< 12000	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	70.8	70.9
≥ 10000	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	74.9
< 10000	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	76.2
≥ 9000	39.7	72.3	75.3	76.8	77.4	77.6	78.0	78.3	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.6
< 9000	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	79.9	80.0
≥ 8000	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	81.8	81.9
< 8000	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	82.9
≥ 7000	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	84.2
< 7000	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	84.7
≥ 6000	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	85.7
< 6000	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	86.6
≥ 5000	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	86.9	87.0
< 5000	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	87.5
≥ 4500	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	87.9
< 4500	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	88.4
≥ 4000	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	89.1	89.2
< 4000	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	90.2
≥ 3500	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	92.0
< 3500	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	93.7	93.8
≥ 3000	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	96.0	96.4
< 3000	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	98.6
≥ 2500	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	100.0
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TOTAL NUMBER OF OBSERVATIONS 2439

USAF ETAC FORM JUL 64 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) ANDREWS AFB WASHINGTON D C (STATION NAME) 44-72 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 8000	32.6	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
≥ 7000	33.7	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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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	91.6	91.7	91.9
≥ 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
≥ 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
≥ 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
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

USAF ETAC FORM NO. 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) ANDREWS AFB WASHINGTON D C (STATION NAME) 44-72 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0400-0800 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 7000	30.2	57.2	60.4	62.5	64.1	64.8	65.6	66.1	66.2	66.3	66.3	66.3	66.3	66.5	66.7	66.9
≥ 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	68.7	68.9	69.1	69.3
≥ 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
≥ 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
≥ 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
≥ 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	78.9	79.1	79.4	79.6
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 900	34.1	68.9	73.5	77.5	80.6	81.7	83.5	84.5	84.7	85.3	85.4	85.4	85.6	85.9	86.3	86.6
≥ 800	34.1	68.9	73.5	77.6	80.8	81.9	83.7	84.9	85.1	85.7	85.8	85.8	86.0	86.3	86.7	87.0
≥ 700	34.2	69.2	73.8	77.8	81.0	82.3	84.2	85.5	85.7	86.5	86.7	86.7	87.0	87.2	87.6	87.9
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
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

USAF ETAC FORM 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 (STATION) ANDREWS AFB WASHINGTON D C (STATION NAME) 44-72 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥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	69.9	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

USAF ETAC 87/004 NOV 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 (STATION) ANDREWS AFB WASHINGTON D C (STATION NAME) 44-72 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥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
≥ 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
≥ 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
≥ 16000	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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 5000	41.9	67.7	69.7	70.5	71.5	71.9	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 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
≥ 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
≥ 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
≥ 3000	45.2	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
≥ 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
≥ 2000	46.1	75.5	78.3	80.5	81.7	82.2	83.1	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6
≥ 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
≥ 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
≥ 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
≥ 1000	46.3	76.4	79.5	82.3	83.9	84.8	86.2	86.8	86.9	87.2	87.6	87.6	87.6	87.7	87.7	87.7
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 300	46.4	76.9	80.4	83.6	86.0	87.6	90.3	92.7	93.3	94.8	95.9	96.3	96.9	97.0	97.2	97.5
≥ 200	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
≥ 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
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

USAF ETAC FORM JUL 64 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) ANDREWS AFB WASHINGTON D C (STATION NAME) 44-72 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOUR LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	0
NO CEILING	29.8	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
≥ 20000	36.1	52.5	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
≥ 18000	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
≥ 16000	36.5	53.5	54.4	55.0	55.3	55.5	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 14000	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
≥ 12000	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
≥ 10000	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
≥ 9000	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
≥ 8000	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
≥ 7000	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
≥ 6000	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
≥ 5000	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
≥ 4500	44.8	71.2	73.3	74.7	75.5	75.9	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 4000	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
≥ 3500	46.2	74.3	76.8	78.6	79.5	80.0	[illegible].4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 3000	46.7	75.5	78.2	80.2	81.2	81.6	[illegible].0	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 2500	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
≥ 2000	47.2	76.6	79.8	82.3	83.7	84.2	84.9	85.1	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4
≥ 1800	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
≥ 1500	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
≥ 1200	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
≥ 1000	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
≥ 900	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
≥ 800	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
≥ 700	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
≥ 600	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
≥ 500	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
≥ 400	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
≥ 300	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
≥ 200	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
≥ 100	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
≥ 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	100.0

TOTAL NUMBER OF OBSERVATIONS 2434

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1400-2000 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥	≥	≥	≥5/16	≥	≥0
NO CEILING	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
> 20000	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
≥ 18000	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
≥ 16000	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
≥ 14000	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
≥ 12000	35.5	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
≥ 10000	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
≥ 9000	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
≥ 8000	37.9	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
≥ 7000	38.6	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
≥ 6000	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
≥ 5000	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
≥ 4500	40.9	71.9	74.9	76.3	77.5	77.8	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 4000	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
≥ 3500	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
≥ 3000	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
≥ 2500	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
≥ 2000	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
≥ 1800	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
≥ 1500	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
≥ 1200	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
≥ 1000	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
≥ 900	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
≥ 800	42.0	77.6	81.7	84.3	86.4	86.9	87.7	88.5	88.5	88.7	88.9	88.9	89.0	89.0	89.0	89.0
≥ 700	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
≥ 600	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
≥ 500	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.[illegible]	[illegible]d	92.8
≥ 400	42.1	78.1	82.5	85.6	88.1	88.9	90.6	92.8	93.0	94.0	94.5	94.5	94.7	94.[illegible]	[illegible]	94.8
≥ 300	42.1	78.1	82.5	85.7	88.2	89.2	91.2	93.9	94.6	95.9	96.4	96.5	96.8	97.0	[illegible]1	97.2
≥ 200	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
≥ 100	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
≥ 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	100.0

TOTAL NUMBER OF OBSERVATIONS 2434

USAF ETAC FORM JUL 64 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 NUM) ANDREWS AFB WASHINGTON D C — 44-72 (YEARS) — FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	0
NO CEILING	30.1	48.3	49.2	49.9	50.1	50.1	50.2	50.2	50.2	50.3	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	59.5	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	78.7	78.7
≥ 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	82.6	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
≥ 700	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	89.9	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	80.2	83.7	86.2	88.2	89.1	90.3	91.8	92.4	93.4	93.6	93.6	93.8	93.9	94.2	94.3
≥ 200	42.9	80.3	83.8	86.3	88.3	89.3	90.5	92.5	93.4	94.8	95.3	95.4	95.9	96.1	96.4	96.7
≥ 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	96.1	96.9	97.2	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2437

USAF ETAC FORM Jul 54 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

13705 ANDREWS AFB WASHINGTON D C 46-72 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING, FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	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
≥ 20000	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
≥ 18000	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
≥ 16000	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
≥ 14000	37.4	57.9	58.8	59.2	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.6
≥ 12000	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
≥ 10000	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
≥ 9000	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
≥ 8000	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	68.2	68.2
≥ 7000	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	70.1	70.2
≥ 6000	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	72.5	72.6
> 5000	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	76.6	76.7
≥ 4500	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
> 4000	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	79.8	79.9
≥ 3500	46.3	77.8	79.7	80.4	80.8	80.8	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.4
> 3000	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	83.0	83.1
≥ 2500	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	84.1	84.2
> 2000	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	85.3	85.4
≥ 1800	47.3	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	85.6	85.6
≥ 1500	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
≥ 1200	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	86.9	87.0
≥ 1000	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	87.6	87.7
≥ 900	47.7	81.8	84.4	85.7	86.6	86.8	87.4	87.6	87.8	87.9	87.9	87.9	88.0	88.0	88.0	88.1
≥ 800	47.7	82.0	84.7	86.1	87.2	87.3	88.0	88.4	88.6	88.8	88.8	88.8	88.9	88.9	88.9	89.0
≥ 700	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	89.6	89.7
≥ 600	47.7	82.3	85.1	86.5	87.8	88.0	88.9	89.5	89.8	90.2	90.2	90.2	90.4	90.4	90.5	90.6
≥ 500	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
≥ 400	47.8	82.6	85.6	87.2	88.9	89.4	90.6	91.5	92.1	92.7	93.0	93.0	93.1	93.1	93.3	93.3
≥ 300	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
≥ 200	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
≥ 100	47.8	82.7	85.7	87.5	89.5	90.1	91.7	93.8	94.	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.	94.6	96.2	97.0	97.1	97.5	97.8	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 2686

USAF ETAC FORM 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 (STATION) ANDREWS AFB WASHINGTON D C (STATION NAME) 44-72 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOUR LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥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	51.1	51.1	51.1	51.2
≥ 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	58.4	58.4	58.4	58.5
≥ 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	58.4	58.4	58.4	58.5
≥ 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	58.8	58.8
≥ 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	59.7	59.7	59.7	59.8
≥ 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	61.3
≥ 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	63.8	63.8	63.8	64.0
≥ 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	64.6	64.6	64.7	64.8
≥ 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	67.5	67.5	67.5	67.7
≥ 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	69.8	69.8	69.8	69.9
≥ 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	71.9	72.1
≥ 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	75.8	75.8	75.8	76.0
≥ 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	76.7	76.9
≥ 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	78.7	78.7	78.7	78.9
≥ 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	79.8	79.8	79.8	80.0
≥ 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	81.0	81.2
≥ 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	81.8	81.8	81.8	82.0
≥ 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	83.3	83.5
≥ 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	83.8	83.8	83.8	84.0
≥ 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	85.1	85.1	85.1	85.3
≥ 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	86.1	86.2	86.2	86.4
≥ 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	87.2	87.3	87.3	87.5
≥ 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	87.6	87.6	87.7	87.9
≥ 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	88.0	88.1	88.1	88.3
≥ 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	88.8	88.8	88.9	89.1
≥ 600	44.6	80.3	83.6	85.5	86.9	87.3	88.1	88.9	89.0	89.2	89.4	89.4	89.6	89.7	89.7	89.9
≥ 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	90.5	90.5	90.6	90.8
≥ 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	92.2	92.3	92.3	92.5
≥ 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	94.1	94.2	94.2	94.5
≥ 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	95.6	95.8	95.9	96.1
≥ 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	96.6	96.8	97.3	98.2
≥ 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	96.7	96.9	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2685

USAF ETAC FORM 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 (STATION NUMBER) ANDREWS AFB WASHINGTON D C (STATION NAME) 44-72 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥	≥	≥	≥5 16	≥	≥0
NO CEILING	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
≥ 20000	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
≥ 18000	28.9	48.9	50.9	52.4	53.4	53.6	54.2	54.3	54.3	54.4	54.5	54.5	54.5	54.5	54.6	54.8
≥ 16000	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
≥ 14000	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
≥ 12000	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
≥ 10000	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
≥ 9000	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
≥ 8000	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
≥ 7000	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
≥ 6000	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
≥ 5000	34.0	64.5	67.5	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
≥ 4500	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
≥ 4000	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
≥ 3500	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
≥ 3000	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
≥ 2500	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
≥ 2000	36.7	70.0	74.0	77.3	80.0	80.8	81.9	82.4	82.5	82.8	82.9	83.0	83.0	83.0	83.0	83.3
≥ 1800	36.7	70.2	74.2	77.5	80.2	81.0	82.1	82.7	82.7	83.0	83.1	83.2	83.2	83.2	83.3	83.5
≥ 1500	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
≥ 1200	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
≥ 1000	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
≥ 900	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
≥ 800	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
≥ 700	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
≥ 600	37.0	71.9	76.2	80.2	83.3	84.3	86.2	87.9	87.8	88.4	88.8	88.9	89.0	89.1	89.2	89.4
≥ 500	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
≥ 400	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
≥ 300	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
≥ 200	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
≥ 0	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

USAF ETAC FORM JUL 64 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) ANDREWS AFB WASHINGTON D C (STATION NAME) 44-72 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-1100 (HOURS L.S.T.)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
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
≤ 20000	32.6	50.6	51.9	52.4	52.6	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≤ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 9000	35.7	57.9	59.8	60.7	61.3	61.5	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6
≥ 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
≥ 7000	36.6	61.6	63.8	64.9	65.7	65.9	66.0	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1
≥ 6000	37.2	62.7	64.9	66.1	67.0	67.2	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4
≥ 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
≥ 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
≥ 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
≥ 3500	41.8	70.9	73.5	75.1	76.3	76.7	77.0	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2
≥ 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
> 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
> 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
≥ 1800	43.1	74.9	78.2	80.1	81.7	82.3	83.0	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1500	43.2	75.3	78.7	80.8	82.4	83.0	83.8	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1
≥ 1200	43.4	75.7	79.4	81.7	83.4	84.0	85.0	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4
≥ 1000	43.5	76.2	80.0	82.4	84.3	85.1	86.2	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 900	43.6	76.4	80.3	83.1	85.2	85.9	87.2	87.7	87.7	87.9	87.9	88.0	88.0	88.0	88.0	88.0
≥ 800	43.6	76.5	80.5	83.4	85.6	86.4	87.7	88.4	88.4	88.7	88.8	88.9	88.9	88.9	88.9	88.9
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 200	43.6	77.1	81.4	85.0	88.2	89.3	91.6	93.9	94.6	96.3	97.5	97.9	98.6	98.8	99.0	99.1
≥ 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
≥ 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

USAF ETAC FORM 10L 64 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 NUMBER) ANDREWS AFB WASHINGTON D C (STATION NAME) 44-72 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥1/2	≥7/16	≥5/16	≥1/4	≥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	37.2	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	55.3	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
≥ 11000	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	58.3	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	64.5	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	51.5	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	89.6	89.6
≥ 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

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOUR LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥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
≥ 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
≥ 16000	40.1	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
≥ 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
≥ 12000	42.4	58.2	59.0	59.1	59.4	59.5	59.5	59.5	59.8	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 5000	48.0	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
≥ 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
≥ 4000	51.8	75.1	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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 1000	55.0	83.2	85.5	87.1	88.5	89.0	89.5	89.5	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 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	90.4	90.4	90.4	90.4
≥ 800	55.1	83.3	85.6	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
≥ 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	92.0	92.0	92.0	92.0
≥ 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	93.0	93.0	93.0	93.0
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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

USAF ETAC FORM JL 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 (STATION) ANDREWS AFB WASHINGTON D C (STATION NAME) 44-72 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	33.3	49.2	49.6	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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 3000	47.7	80.1	81.8	82.9	84.0	84.2	84.4	84.5	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.7
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 800	48.5	83.0	85.4	87.4	89.2	89.6	90.4	90.9	90.9	91.1	91.2	91.2	91.4	91.4	91.4	91.4
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 0	48.5	83.2	86.1	88.4	91.1	92.0	93.9	95.6	96.3	97.6	98.2	98.4	99.0	99.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2693

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	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
≥ 20000	39.0	58.8	59.2	59.5	59.8	59.8	59.8	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9
≥ 18000	39.3	59.3	59.8	60.0	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.5
≥ 16000	39.5	59.7	60.2	60.4	60.7	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.9
≥ 14000	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
≥ 12000	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
≥ 10000	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
≥ 9000	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
≥ 8000	44.1	68.2	68.9	69.3	69.5	69.6	69.6	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7
≥ 7000	45.2	70.2	70.9	71.3	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.8
≥ 6000	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
≥ 5000	47.1	75.5	76.4	76.8	77.3	77.3	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.8
≥ 4500	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
≥ 4000	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
≥ 3500	48.7	79.4	80.6	81.1	81.8	82.0	82.2	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.5
≥ 3000	49.4	80.6	81.8	82.3	83.0	83.4	83.6	83.8	83.8	83.8	83.8	83.8	83.9	83.9	83.9	83.9
≥ 2500	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
≥ 2000	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
≥ 1800	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
≥ 1500	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
≥ 1200	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
≥ 1000	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
≥ 900	50.1	83.2	85.4	86.4	87.4	87.9	88.5	88.9	89.0	89.2	89.3	89.3	89.3	89.3	89.3	89.4
≥ 800	50.2	83.3	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
≥ 700	50.2	83.6	85.8	87.0	88.4	89.0	89.9	90.5	90.6	90.9	91.0	91.0	91.1	91.1	91.1	91.2
≥ 600	50.2	83.6	85.9	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
≥ 500	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
≥ 400	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	94.7	94.9
≥ 300	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
≥ 200	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
≥ 100	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
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

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOU EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 8000	44.9	67.3	68.6	69.5	69.7	69.8	69.9	70.0	70.1	70.2	70.2	70.3	70.3	70.3	70.3	70.4
≥ 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
≥ 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
≥ 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
≥ 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
≥ 4000	49.1	76.4	78.1	79.2	79.7	79.8	80.0	80.3	80.3	80.4	80.5	80.5	80.5	80.5	80.5	80.7
≥ 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
≥ 3000	49.5	78.1	80.0	81.3	81.9	82.0	82.2	82.5	82.6	82.7	82.7	82.8	82.8	82.8	82.8	82.9
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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 (STATION) ANDREWS AFB (STATION NAME) WASHINGTON D C 44-72 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS L.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 3/4	≥1 1/2	≥1	≥7/8	≥3/4	≥1/2	≥5/16	≥1/4	≥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	67.6	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	77.5	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	[illegible]	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	[illegible]	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

USAF ETAC FORM 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 44-72 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0400-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	0
NO CEILING	26.8	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
≥ 20000	31.1	48.9	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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 9000	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
≥ 8000	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
≥ 7000	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
≥ 6000	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
≥ 5000	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
≥ 4500	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
≥ 4000	40.9	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
≥ 3500	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
≥ 3000	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
≥ 2500	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
≥ 2000	41.7	72.6	76.6	79.8	81.7	82.1	83.0	83.6	83.7	84.0	84.1	84.1	84.1	84.1	84.1	84.2
≥ 1800	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
≥ 1500	41.8	73.1	77.3	80.5	82.5	83.0	84.1	84.7	84.9	85.2	85.3	85.3	85.4	85.4	85.4	85.5
≥ 1200	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
≥ 1000	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
≥ 900	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
≥ 800	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
≥ 700	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
≥ 600	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
≥ 500	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
≥ 400	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
≥ 300	42.0	75.0	79.9	83.7	87.4	88.3	90.7	92.4	92.9	94.1	95.0	95.0	95.5	95.5	95.5	95.8
≥ 200	42.0	75.0	80.0	83.8	87.5	88.4	90.9	92.6	93.3	94.6	96.0	96.0	96.8	96.9	97.1	97.7
≥ 100	42.0	75.0	80.0	83.8	87.5	88.4	90.9	92.7	93.4	94.8	96.1	96.2	97.3	97.4	97.8	99.3
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	97.3	97.4	97.9	100.0

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 ANDREWS AEB STATION NAME WASHINGTON D C 44-72 YEARS APR MO (ITH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	30.5	43.5	43.8	44.2	44.3	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 20000	35.8	51.3	51.7	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
≥ 18000	36.2	52.2	52.6	53.1	53.3	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 16000	36.5	52.6	53.0	53.6	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 14000	37.4	54.0	54.5	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
≥ 12000	39.1	56.8	57.3	58.0	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 10000	39.9	59.6	60.1	61.0	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 9000	40.4	60.5	61.1	62.0	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 8000	41.4	62.9	63.7	64.8	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 7000	42.0	65.1	66.1	67.2	67.8	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 6000	42.8	66.8	68.1	69.3	69.9	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 5000	45.5	70.7	72.2	73.7	74.3	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 4500	46.5	72.0	73.7	75.2	75.9	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.5	76.5	76.5	76.5
≥ 4000	47.9	74.2	76.0	77.9	78.6	78.9	79.1	79.2	79.2	79.2	79.2	79.2	79.3	79.3	79.3	79.3
≥ 3500	48.6	75.3	77.2	79.1	79.8	80.2	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6
≥ 3000	49.2	77.1	79.0	80.9	81.9	82.2	82.4	82.5	82.5	82.5	82.5	82.5	82.6	82.6	82.6	82.6
≥ 2500	49.5	78.0	80.0	81.9	82.9	83.3	83.5	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7
≥ 2000	49.9	78.7	80.7	82.7	83.8	84.2	84.5	84.6	84.6	84.6	84.7	84.7	84.7	84.8	84.8	84.8
≥ 1800	49.9	78.8	80.9	82.9	84.0	84.5	84.8	84.9	84.9	84.9	85.0	85.0	85.0	85.1	85.1	85.1
≥ 1500	50.2	79.7	81.8	83.9	85.2	85.6	85.9	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1200	50.4	80.8	83.1	85.4	86.9	87.4	87.8	87.9	87.9	87.9	88.0	88.0	88.1	88.1	88.1	88.1
≥ 1000	50.6	81.2	83.7	86.1	87.8	88.3	88.8	89.0	89.0	89.1	89.1	89.1	89.2	89.2	89.2	89.2
≥ 900	50.6	81.6	84.1	86.6	88.2	88.8	89.3	89.5	89.6	89.6	89.7	89.7	89.7	89.8	89.8	89.8
≥ 800	50.7	81.9	84.6	87.3	89.3	90.0	90.5	90.8	90.9	91.0	91.1	91.1	91.1	91.2	91.2	91.2
≥ 700	50.7	82.1	84.9	87.6	89.7	90.4	91.2	91.6	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0
≥ 600	50.7	82.1	84.9	87.8	90.2	90.9	91.9	92.6	92.9	93.1	93.3	93.3	93.4	93.4	93.4	93.4
≥ 500	50.7	82.3	85.4	88.5	91.1	92.0	93.2	94.1	94.4	94.9	95.1	95.1	95.2	95.2	95.2	95.2
≥ 400	50.7	82.4	85.4	88.6	91.5	92.5	94.0	95.3	95.9	96.8	97.2	97.2	97.3	97.3	97.3	97.3
≥ 300	50.7	82.4	85.5	88.6	91.6	92.7	94.5	96.1	96.8	98.1	98.6	98.6	98.7	98.8	98.8	98.8
≥ 200	50.7	82.4	85.5	88.6	91.6	92.8	94.6	96.3	97.1	98.4	99.1	99.1	99.2	99.5	99.5	99.5
≥ 100	50.7	82.4	85.5	88.6	91.6	92.8	94.6	96.3	97.1	98.4	99.1	99.1	99.3	99.5	99.7	99.9
0	50.7	82.4	85.5	88.6	91.6	92.8	94.6	96.3	97.1	98.4	99.1	99.1	99.3	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2589

USAF ETAC FORM JUL 64 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) ANDREWS AFB WASHINGTON D C (STATION NAME) 44-72 (YEARS) APR (MONTH)

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	≥⅝	≥½	≥5/16	≥¼	≥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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 3000	55.6	80.5	82.0	82.7	83.3	83.5	83.6	83.9	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 200	57.4	86.0	88.7	90.6	93.0	94.2	96.0	97.8	98.5	99.2	99.7	99.7	99.8	99.8	99.8	99.8
≥ 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	99.9	100.0
≥ 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

USAF ETAC FORM 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 (STATION) ANDREWS AFB WASHINGTON D C (STATION NAME) 44-72 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	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
≥ 20000	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
≥ 18000	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
≥ 16000	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
≥ 14000	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
≥ 12000	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
≥ 10000	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
≥ 9000	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
≥ 8000	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
≥ 7000	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
≥ 6000	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
≥ 5000	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
≥ 4500	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
≥ 4000	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
≥ 3500	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
≥ 3000	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
≥ 2500	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
≥ 2000	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
≥ 1800	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
≥ 1500	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
≥ 1200	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
≥ 1000	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
≥ 900	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
≥ 800	59.0	86.1	88.0	90.1	91.6	92.0	92.6	93.0	93.0	93.1	93.1	93.1	93.2	93.2	93.2	93.2
≥ 700	59.0	86.1	88.1	90.2	91.8	92.3	93.0	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 600	59.0	86.2	88.2	90.6	92.2	92.7	93.6	94.4	94.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9
≥ 500	59.1	86.4	88.5	91.0	92.7	93.3	94.4	95.8	96.1	96.5	96.6	96.6	96.7	96.7	96.7	96.7
≥ 400	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
≥ 300	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
≥ 200	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	99.8	99.8	99.8
≥ 100	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
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

USAF ETAC FORM 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 (STATION) ANDREWS AFB WASHINGTON D C (STATION NAME) 44-72 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥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
≥ 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
< 20000 ≥ 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
< 18000 ≥ 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
< 16000 ≥ 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
< 14000 ≥ 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
< 12000 ≥ 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
< 10000 ≥ 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
< 9000 ≥ 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
< 8000 ≥ 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
< 7000 ≥ 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	74.4	74.4	74.4	74.4
< 6000 ≥ 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
< 5000 ≥ 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	81.5	81.5	81.5	81.5
< 4500 ≥ 4000	53.0	79.8	81.5	82.5	82.8	83.0	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
< 4000 ≥ 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	84.9	84.9	84.9	84.9
< 3500 ≥ 3000	53.5	82.6	84.6	85.8	86.4	86.6	86.8	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1
< 3000 ≥ 2500	53.8	83.7	85.8	87.1	87.8	88.0	88.3	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5
< 2500 ≥ 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	89.8	89.8	89.8	89.8
< 2000 ≥ 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	90.1	90.1	90.1	90.1
< 1800 ≥ 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
< 1500 ≥ 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
< 1200 ≥ 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
< 1000 ≥ 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
< 900 ≥ 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	93.5	93.5	93.5	93.5
< 800 ≥ 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
< 700 ≥ 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
< 600 ≥ 500	54.4	86.3	88.9	91.1	92.7	93.1	94.3	95.1	95.3	95.4	95.6	95.6	95.6	95.7	95.7	95.7
< 500 ≥ 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
< 400 ≥ 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
< 300 ≥ 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
< 200 ≥ 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
< 100 ≥ 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 (STATION) ANDREWS AFB WASHINGTON D C (STATION NAME) 44-72 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥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
≥ 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
≥ 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	60.0	60.0	60.0	60.0
≥ 16000	40.0	58.3	59.4	59.7	59.9	59.9	60.0	60.1	60.1	60.2	60.2	60.2	60.3	60.3	60.3	60.3
≥ 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	61.1	61.1	61.1	61.1
≥ 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
≥ 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
≥ 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
≥ 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	72.6	72.6	72.6	72.6
≥ 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	75.4	75.4	75.4	75.4
≥ 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	77.5	77.5	77.5	77.5
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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	87.8	87.8	87.8	87.8
≥ 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	89.1	89.1	89.1	89.1
≥ 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	89.3	89.3	89.3	89.3
≥ 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	90.1	90.1	90.1	90.1
≥ 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
≥ 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	91.2	91.2	91.2	91.2
≥ 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
≥ 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
≥ 700	53.9	86.5	88.8	90.1	91.0	91.2	91.5	91.7	91.7	92.0	92.1	92.1	92.1	92.1	92.1	92.2
≥ 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	92.9	92.9	92.9	93.0
≥ 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	93.7	93.7	93.7	93.7
≥ 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	95.6	95.6	95.6	95.6
≥ 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	96.7	96.8	96.8	96.9
≥ 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	97.9	98.1	98.1	98.2
≥ 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	98.5	98.7	98.8	99.2
≥ 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	98.5	98.7	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2586

USAF ETAC FORM 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 (STATION) ANDREWS AFB WASHINGTON D C (STATION NAME) 44-72 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥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	50.3	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	58.2
≥ 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	58.2	58.3
≥ 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	58.6
≥ 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	59.6
≥ 12000	34.9	59.7	61.4	62.0	62.4	62.5	62.7	62.7	62.7	62.7	62.8	62.8	62.8	62.8	62.8	63.0
≥ 10000	36.8	62.8	64.6	65.2	65.7	65.8	65.9	65.9	65.9	65.9	66.1	66.1	66.1	66.1	66.1	66.3
≥ 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	67.5	67.7
≥ 8000	38.9	67.4	69.3	70.2	70.9	70.9	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.5
≥ 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	74.8
≥ 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	76.1
≥ 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	78.8	78.9
≥ 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	79.9
≥ 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	80.9
≥ 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	81.6
≥ 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	82.5
≥ 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	83.5	83.6
≥ 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	84.9
≥ 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	85.2	85.4
≥ 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	86.3
≥ 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	87.3
≥ 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	88.5	88.6
≥ 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	88.9	89.0
≥ 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	89.7	89.9
≥ 700	42.9	80.7	84.2	86.3	88.0	88.3	89.5	89.9	90.0	90.3	90.4	90.4	90.4	90.4	90.5	90.6
≥ 600	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	91.5	91.7
≥ 500	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	93.1	93.3
≥ 400	42.9	81.4	85.[illegible]	87.6	90.0	90.5	92.5	93.3	93.4	94.2	94.4	94.4	94.5	94.[illegible]	94.7	94.9
≥ 300	42.9	81.5	85.[illegible]	87.9	90.5	91.1	93.5	94.9	95.2	96.2	96.5	96.5	96.6	96.6	96.8	97.0
≥ 200	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	97.6	97.9	98.2
≥ 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	98.6	99.3
≥ 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	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 2684

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
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
≥ 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
≥ 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
≥ 16000	24.9	48.4	50.5	51.8	52.8	53.0	53.4	53.8	53.9	54.1	54.2	54.2	54.3	54.3	54.5	54.7
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 3000	33.6	68.6	72.1	74.2	75.8	76.2	77.2	77.8	77.9	78.2	78.3	78.3	78.4	78.5	78.7	78.9
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 700	34.5	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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
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

USAF ETAC FORM JUL 64 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 — ANDREWS AFB WASHINGTON D C STATION NAME — 44-72 YEARS — MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥⅞	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	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	44.0	44.0
≥ 20000	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	53.7	53.7
≥ 18000	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	54.1	54.1
≥ 16000	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	54.4	54.4
≥ 14000	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	56.1	56.1
≥ 12000	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
≥ 10000	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
≥ 9000	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
≥ 8000	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
≥ 7000	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
≥ 6000	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
≥ 5000	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
≥ 4500	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
≥ 4000	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
≥ 3500	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
≥ 3000	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
≥ 2500	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
≥ 2000	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
≥ 1800	35.9	66.3	71.0	74.8	77.4	78.3	79.6	80.3	80.4	80.6	80.8	80.8	80.8	80.8	80.9	81.0
≥ 1500	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	82.0
≥ 1200	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
≥ 1000	36.5	68.1	72.9	77.1	80.3	81.5	82.9	83.7	83.8	84.1	84.3	84.3	84.3	84.3	84.4	84.5
≥ 900	36.5	68.4	73.2	77.5	80.9	82.2	83.6	84.5	84.6	85.0	85.1	85.1	85.1	85.1	85.3	85.3
≥ 800	36.5	68.5	73.4	77.9	81.4	82.7	84.3	85.3	85.4	85.9	86.0	86.0	86.0	86.0	86.2	86.2
≥ 700	36.5	68.8	74.0	78.8	82.5	84.0	85.6	86.8	86.9	87.4	87.6	87.6	87.7	87.7	87.8	87.9
≥ 600	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
≥ 500	36.6	69.5	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
≥ 400	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
≥ 300	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	96.9
≥ 200	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
≥ 100	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
≥ 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

TOTAL NUMBER OF OBSERVATIONS 2640

USAF ETAC FORM 10-64 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) ANDREWS AFB WASHINGTON D C (STATION NAME) 44-72 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~0200-1100~~ (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 8000	39.1	63.3	65.3	66.2	66.8	67.0	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 2000	46.1	76.6	80.4	82.2	83.6	84.0	84.4	84.5	84.5	84.5	84.5	84.3	84.5	84.5	84.5	84.5
≥ 1800	46.3	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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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

USAF ETAC FORM JUL 64 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 (WBAN) ANDREWS AFB WASHINGTON D C (STATION NAME) 44-72 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥5/8	≥1/2	≥5/16	≥1/4	≥0
NO CEILING	28.8	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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 10000	40.3	59.4	60.5	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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 2500	53.3	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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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	99.6	99.6
≥ 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	99.9	99.9	100.0	100.0
≥ 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	99.9	99.9	100.0	100.0
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	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2677

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥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	43.8
≥ 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	56.0
< 20000	39.8	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	56.3
≥ 18000	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	56.7
< 18000	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	58.3
≥ 16000	42.4	59.9	60.8	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
< 16000	44.6	64.1	65.1	65.4	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 14000	44.8	64.8	65.8	66.1	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
< 14000	46.1	67.1	68.2	68.5	68.6	68.6	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 12000	47.2	69.1	70.3	70.8	70.9	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
< 12000	48.0	70.5	71.9	72.4	72.6	72.6	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 10000	50.0	74.4	76.1	76.9	77.0	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
< 10000	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	79.4
≥ 9000	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	82.5
< 9000	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	83.8
≥ 8000	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	87.0
< 8000	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	88.9
≥ 7000	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	90.9	90.9	90.9
< 7000	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	91.2	91.2	91.2
≥ 6000	55.4	85.9	88.9	90.5	91.6	92.0	92.4	92.5	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7
< 6000	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	94.5
≥ 5000	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	95.3
< 5000	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	95.7
≥ 4500	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	96.2
< 4500	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	96.9
≥ 4000	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	98.0
< 4000	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	98.9
≥ 3500	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	99.3
< 3500	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	99.7
≥ 3000	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	99.9
< 3000	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	100.0
≥ 2500	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	100.0
< 2500	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	100.0
≥ 2000	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	100.0
< 2000	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	100.0
≥ 1800	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	100.0
< 1800	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	100.0
≥ 1500	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	100.0
< 1500	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	100.0
≥ 1200	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	100.0
< 1200	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	100.0
≥ 1000	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	100.0
< 1000	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	100.0
≥ 900	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	100.0
< 900	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	100.0
≥ 800	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	100.0
< 800	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	100.0
≥ 700	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	100.0
< 700	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	100.0
≥ 600	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	100.0
< 600	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	100.0
≥ 500	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	100.0
< 500	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	100.0
≥ 400	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	100.0
< 400	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	100.0
≥ 300	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	100.0
< 300	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	100.0
≥ 200	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	100.0
< 200	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	100.0
≥ 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	100.0
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	100.0

TOTAL NUMBER OF OBSERVATIONS 2686

USAF ETAC FORM JUL 64 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) ANDREWS AFB WASHINGTON D C (STATION NAME) 44-72 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOUR LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	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
≥ 20000	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
≥ 18000	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
≥ 16000	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
≥ 14000	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
≥ 12000	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
≥ 10000	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
≥ 9000	43.6	66.8	68.4	69.2	69.8	69.8	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 8000	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	73.3	73.3
≥ 7000	45.7	71.9	74.1	75.0	76.0	76.0	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.4	76.4
≥ 6000	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	78.3	78.3
≥ 5000	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
≥ 4500	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
≥ 4000	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
≥ 3500	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	87.1	87.1
≥ 3000	49.7	81.1	84.4	85.9	87.8	87.8	88.2	88.4	88.5	88.5	88.5	88.5	88.6	88.6	88.6	88.6
≥ 2500	50.0	81.8	85.2	86.7	88.6	88.7	89.1	89.3	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5
≥ 2000	50.2	82.6	86.0	87.6	89.8	90.0	90.5	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1800	50.2	82.8	86.2	87.8	90.0	90.2	90.6	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0
≥ 1500	50.3	83.5	87.1	88.9	91.1	91.4	91.9	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1200	50.3	83.9	87.6	89.5	91.9	92.2	93.0	93.5	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7
≥ 1000	50.3	84.2	88.0	90.0	92.5	92.8	93.7	94.3	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.5
≥ 900	50.3	84.3	88.2	90.2	92.7	93.0	94.0	94.6	94.7	94.7	94.8	94.8	94.8	94.8	94.9	94.9
≥ 800	50.3	84.5	88.4	90.5	93.1	93.4	94.4	95.1	95.2	95.3	95.3	95.3	95.4	95.4	95.4	95.5
≥ 700	50.3	84.7	88.7	90.8	93.6	94.0	95.0	95.9	96.0	96.1	96.2	96.2	96.2	96.2	96.3	96.3
≥ 600	50.3	84.9	88.9	91.1	94.0	94.4	95.6	96.4	96.6	96.7	96.8	96.8	96.9	96.9	96.9	96.9
≥ 500	50.3	84.9	89.0	91.2	94.3	94.8	96.2	97.3	97.5	97.7	97.9	97.9	98.0	98.0	98.1	98.2
≥ 400	50.3	84.9	89.1	91.4	94.5	95.1	96.6	97.9	98.2	98.4	98.5	98.5	98.6	98.6	98.8	98.8
≥ 300	50.3	85.0	89.1	91.5	94.6	95.2	96.7	98.2	98.5	98.8	99.0	99.0	99.1	99.2	99.3	99.4
≥ 200	50.3	85.0	89.2	91.5	94.6	95.2	96.8	98.3	98.6	98.9	99.2	99.2	99.3	99.4	99.6	99.6
≥ 100	50.3	85.0	89.2	91.5	94.6	95.2	96.8	98.4	98.6	98.9	99.3	99.3	99.5	99.6	99.9	100.0
≥ 0	50.3	85.0	89.2	91.5	94.6	95.2	96.8	98.4	98.6	98.9	99.3	99.3	99.5	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2682

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 STATION — ANDREWS AFB, MARYLAND (NAF WASHINGTON) D.C. STATION AND CITY — 44-72 YEARS — DAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥7	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅛	≥0	≥0
NO CEILING	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
≥ 20000	38.3	57.3	58.6	59.2	59.4	59.4	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 18000	36.4	57.9	59.0	59.6	59.9	59.9	60.1	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.4
≥ 16000	36.5	58.0	59.2	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
≥ 14000	37.0	59.0	60.2	60.8	61.0	61.2	61.3	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 12000	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
≥ 10000	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
≥ 9000	42.1	68.4	69.7	70.5	70.9	70.9	71.1	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.5
≥ 8000	43.5	71.2	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
≥ 7000	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
≥ 6000	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
≥ 5000	46.0	78.0	80.1	81.0	81.6	81.6	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.3
≥ 4500	46.4	78.9	81.1	82.1	82.8	82.9	83.3	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.6
≥ 4000	46.7	80.1	82.4	83.5	84.1	84.3	84.6	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.0
≥ 3500	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
≥ 3000	47.0	81.1	83.5	84.9	85.6	85.8	86.4	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.9
≥ 2500	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
≥ 2000	47.2	82.7	85.4	86.8	87.7	87.9	88.6	88.8	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0
≥ 1800	47.3	82.9	85.6	87.0	88.0	88.2	88.9	89.1	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.3
≥ 1500	47.4	83.4	86.3	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
≥ 1200	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
≥ 1000	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
≥ 900	47.7	84.4	87.5	89.3	90.7	91.0	92.1	92.4	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.7
≥ 800	47.7	84.5	87.7	89.5	90.9	91.3	92.6	93.1	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.4
≥ 700	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
≥ 600	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
≥ 500	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
≥ 400	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
≥ 300	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
≥ 200	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	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
≥ 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 (STATION NAME) 43-72 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	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	
≥ 20000	31.3	60.0	64.0	66.1	66.9	67.2	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	
≥ 18000	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	
≥ 16000	31.7	60.6	64.7	66.8	67.6	67.8	68.5	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	
≥ 14000	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	
≥ 12000	33.0	63.0	68.2	70.4	71.3	71.5	72.2	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.5	
≥ 10000	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	
≥ 9000	35.0	68.6	73.3	75.8	76.7	76.9	77.7	77.9	77.9	77.9	77.9	77.9	78.0	78.0	78.0	
≥ 8000	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	
≥ 7000	36.4	71.6	76.5	79.3	80.3	80.5	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	
≥ 6000	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	
≥ 5000	37.0	73.3	78.4	81.5	82.5	82.7	83.6	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	
≥ 4500	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	
≥ 4000	37.5	74.9	80.1	83.2	84.4	84.7	85.6	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	
≥ 3500	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	
≥ 3000	38.2	76.8	82.1	85.3	86.5	86.8	87.7	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.3	
≥ 2500	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	
≥ 2000	38.5	77.9	83.6	87.1	88.4	88.7	89.7	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	
≥ 1800	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	
≥ 1500	38.9	78.8	84.6	88.3	89.6	89.9	90.9	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	
≥ 1200	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	
≥ 1000	39.1	79.7	85.9	90.0	91.6	92.0	93.0	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	
≥ 900	39.1	79.7	85.9	90.1	91.7	92.1	93.2	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9	
≥ 800	39.1	80.0	86.3	90.5	92.1	92.5	93.6	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	
≥ 700	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	
≥ 600	39.2	80.3	86.8	91.2	92.9	93.3	94.5	95.2	95.2	95.3	95.3	95.3	95.4	95.4	95.4	
≥ 500	39.2	80.5	87.0	91.5	93.5	93.9	95.2	95.8	95.8	96.1	96.1	96.1	96.2	96.2	96.2	
≥ 400	39.2	80.7	87.2	92.0	94.0	94.6	96.1	96.8	96.9	97.1	97.3	97.3	97.4	97.4	97.4	
≥ 300	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	98.4	98.4	
≥ 200	39.2	80.8	87.4	92.4	94.7	95.2	96.9	97.8	98.1	98.5	98.8	98.8	98.9	99.0	99.0	
≥ 100	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
0	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

USAF ETAC FORM 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 (STATION) ANDREWS AFB WASHINGTON D C (STATION NAME) 43-72 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0100-0500 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 3/4	≥1 1/4	≥1	≥3/4	≥5/8	≥1/2	≥5/16	≥1/4	≥0
NO CEILING	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
≥ 20000	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
≥ 18000	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
≥ 16000	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
≥ 14000	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
≥ 12000	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
≥ 10000	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
≥ 9000	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
≥ 8000	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
≥ 7000	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
≥ 6000	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
≥ 5000	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
≥ 4500	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
≥ 4000	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
≥ 3500	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
≥ 3000	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
≥ 2500	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
≥ 2000	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
≥ 1800	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
≥ 1500	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
≥ 1200	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
≥ 1000	28.6	69.3	76.1	81.4	85.4	86.5	88.3	89.8	89.9	90.5	90.6	90.6	90.9	90.9	91.0	91.3
≥ 900	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
≥ 800	28.8	69.6	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
≥ 700	28.8	69.9	76.8	82.1	86.2	87.3	89.2	90.8	91.0	91.6	91.7	91.7	92.0	92.0	92.2	92.4
≥ 600	28.8	70.1	77.0	82.4	86.6	87.7	89.8	91.5	91.7	92.4	92.5	92.5	92.8	92.8	92.9	93.1
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
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

USAF ETAC FORM JUL 64 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) ANDREWS AFB WASHINGTON D C (STATION NAME) 43-72 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOUR LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 6000	29.9	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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 1000	31.3	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
≥ 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
≥ 800	31.5	65.5	73.5	80.9	85.1	86.9	89.4	90.6	90.9	91.1	91.4	91.4	91.5	91.6	91.6	91.7
≥ 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
≥ 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
≥ 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
≥ 400	31.5	65.7	74.1	81.6	86.5	88.9	92.5	94.7	95.3	96.1	96.4	96.4	96.7	96.7	96.8	96.9
≥ 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
≥ 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
≥ 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
0	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

USAF ETAC FORM 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 STATION — ANDREWS AFB WASHINGTON D C STATION NAME — 43-72 YEARS — JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	<6	>5	<4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	26.3	45.9	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
≥ 20000	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
18000	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
16000	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
14000	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
12000	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
10000	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
9000	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
8000	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
7000	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
6000	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
5000	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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
500	42.0	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
400	42.8	80.3	86.5	90.9	94.3	95.8	97.7	98.2	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2
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
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
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	100.0	100.0
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

USAF ETAC FORM JUL 64 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) ANDREWS AFB WASHINGTON D C (STATION NAME) 43-72 (YEARS) JUN (MONTH)

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	≥⅝	≥½	≥5/16	≥¼	≥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
≥ 18000	35.3	56.0	57.0	58.4	58.8	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 900	49.9	85.3	89.5	9 .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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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	99.9	99.9	99.9	99.9
≥ 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	99.9	99.9	99.9	99.9
≥ 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	99.9	99.9	99.9	99.9
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	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2573

USAF ETAC FORM JUL 64 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) ANDREWS AFB WASHINGTON D C (STATION NAME) 43-72 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	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
≥ 20000	40.4	60.3	62.0	63.2	63.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 18000	40.4	60.3	62.1	63.3	63.6	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 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
≥ 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
≥ 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
≥ 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
≥ 9000	44.5	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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
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

USAF ETAC FORM JUL 64 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 — ANDREWS AFB WASHINGTON D C STATION NAME — 43-72 YEARS — JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1600-2000 HOURS (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥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
≥ 18000	38.4	61.8	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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 6000	44.6	74.5	77.7	80.1	81.[illegible]	82.0	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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	91.0	91.0	91.0	91.0
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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	96.9	97.0	97.0	97.0
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

13705 STATION NO. ANDREWS AFB WASHINGTON D C STATION NAME 44-72 YEARS JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥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
≥ 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
≥ 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
≥ 16000	35.6	62.5	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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 800	43.8	84.6	89.3	92.9	94.5	94.8	95.5	95.8	95.9	96.1	96.1	96.1	96.1	96.2	96.2	96.2
≥ 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
≥ 600	43.9	85.0	89.8	93.5	95.3	95.6	96.5	96.8	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2
≥ 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
≥ 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
≥ 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
≥ 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	99.7	99.7	99.7
≥ 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	99.8	99.8	99.9
≥ 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	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2538

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

13705 ANDREWS AFB WASHINGTON D C 43-72 YEARS JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
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	70.0	70.0
≥ 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	70.3	70.3	70.3	70.3
≥ 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	70.6	70.6	70.6	70.6
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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	85.6	85.6	85.6	85.6
≥ 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
≥ 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	87.3	87.3	87.3	87.3
≥ 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
≥ 4500	32.0	78.3	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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 1500	32.6	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
≥ 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
≥ 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	94.9	94.9	94.9	94.9
≥ 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
≥ 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
≥ 700	32.6	82.5	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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
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

USAF ETAC FORM 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 (STATION) ANDREWS AFB WASHINGTON D C (STATION NAME) 43-72 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 8000	21.8	61.5	67.9	71.7	75.3	75.9	77.4	78.6	78.8	79.2	79.5	79.6	79.9	80.0	80.1	80.6
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 600	23.5	68.8	77.5	82.6	87.4	88.3	90.7	92.5	93.0	93.6	94.1	94.1	94.5	94.5	94.7	95.2
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
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

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) ANDREWS AFB WASHINGTON D C (STATION NAME) 43-72 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 9000	22.4	52.9	59.5	65.2	69.3	7..6	72.4	73.2	73.4	73.6	73.8	73.8	74.1	74.2	74.3	74.6
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 2000	24.6	6.. 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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

USAF ETAC FORM JUL 64 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) ANDREWS AFB WASHINGTON D C (STATION NAME) 43-72 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
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	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	60.2
≥ 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	60.5
≥ 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	61.2
≥ 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	63.7
≥ 12000	30.6	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	68.6
≥ 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	72.2
≥ 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	72.9
≥ 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	75.7
≥ 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	77.0
≥ 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	78.0
≥ 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	79.4
≥ 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	79.9
≥ 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	80.8
≥ 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	81.6
≥ 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	83.3
≥ 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	85.6
≥ 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	88.1
≥ 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	89.0
≥ 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	91.0
≥ 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	93.3
≥ 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	95.6
≥ 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	96.1
≥ 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	97.2
≥ 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	97.5
≥ 600	36.8	78.0	86.0	92.1	95.3	96.8	97.8	98.3	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6
≥ 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	99.5
≥ 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	99.9
≥ 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	99.9
≥ 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	99.9
≥ 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	100.0
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	100.0

TOTAL NUMBER OF OBSERVATIONS 2762

USAF ETAC FORM JUL 64 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 ANDREWS AFB WASHINGTON D C (STATION NAME) 43-72 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≤10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥ 0	≥5/16	≥¼	≥0
NO CEILING	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
≥ 20000	30.0	52.5	55.1	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
≥ 18000	30.0	52.6	55.2	56.7	57.2	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 16000	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
≥ 14000	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
≥ 12000	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
≥ 10000	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
≥ 9000	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
≥ 8000	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
≥ 7000	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
≥ 6000	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
≥ 5000	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
≥ 4500	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
≥ 4000	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
≥ 3500	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
≥ 3000	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
≥ 2500	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
≥ 2000	43.4	82.0	88.1	91.6	93.1	93.4	93.8	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1800	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
≥ 1500	43.7	83.0	89.4	93.0	94.5	94.9	95.4	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1200	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
≥ 1000	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
≥ 900	43.9	84.1	90.8	94.9	96.8	97.4	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	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
≥ 700	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
≥ 600	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
≥ 500	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
≥ 400	43.9	84.4	91.3	95.5	97.7	98.4	99.1	99.2	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	43.9	84.4	91.4	95.6	97.8	98.4	99.2	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	43.9	84.4	91.4	95.6	97.8	98.4	99.2	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	43.9	84.4	91.4	95.6	97.8	98.4	99.2	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
= 0	43.9	84.4	91.4	95.6	97.8	98.4	99.2	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2756

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13702 (STATION) ANDREWS AFB WASHINGTO., D C (STATION NAME) 43-72 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥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
≥ 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
≥ 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	37.3	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
≥ 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
≥ 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
≥ 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
≥ 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	77.8	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
≥ 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
≥ 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
≥ 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	96.3	96.3
≥ 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	98.0	
≥ 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
≥ 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	99.3	99.3	99.4	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	99.5	99.5	99.6	99.6
≥ 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	99.9	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	99.9	99.9	100.0	100.0
≥ 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	99.9	99.9	100.0	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	99.9	99.9	100.0	100.0
≥ 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	99.9	99.9	100.0	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	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2773

USAF ETAC FORM JUL 64 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 ANDREWS AFB WASHINGTON D C STATION NAME 43-72 YEARS JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 1500	41.0	80.5	87.8	91.8	93.9	94.4	95.5	96.1	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
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

USAF ETAC FORM JUL 64 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 — ANDREWS AFB WASHINGTON D C STATION NAME — 43-72 YEARS — JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
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

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	20.3	47.7	51.6	53.9	54.9	55.1	55.7	56.1	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.3
≥ 20000	23.7	57.5	63.0	65.8	67.1	67.3	67.9	68.4	68.3	68.3	68.4	68.4	68.4	68.5	68.5	68.5
≥ 18000	23.9	57.8	63.4	66.1	67.4	67.6	68.2	68.6	68.6	68.6	68.7	68.7	68.8	68.8	68.8	68.9
≥ 16000	24.0	58.1	63.7	66.6	67.9	68.1	68.7	69.1	69.1	69.1	69.1	69.1	69.2	69.2	69.2	69.3
≥ 14000	24.6	59.5	65.3	68.1	69.4	69.7	70.2	70.6	70.7	70.7	70.7	70.7	70.8	70.8	70.8	70.9
≥ 12000	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
≥ 10000	27.2	66.5	72.7	75.9	77.3	77.5	78.2	78.6	78.6	78.6	78.6	78.6	78.7	78.8	78.8	78.8
≥ 9000	27.2	66.8	73.2	76.6	78.0	78.2	78.9	79.3	79.3	79.3	79.3	79.3	79.4	79.5	79.5	79.5
≥ 8000	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	81.3	81.3	81.4
≥ 7000	27.8	69.5	76.3	79.8	81.3	81.5	82.2	82.5	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.8
≥ 6000	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	83.9	83.9	84.0
≥ 5000	28.3	71.6	78.5	82.2	83.9	84.2	85.0	85.4	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.7
≥ 4500	28.3	72.1	79.0	82.9	84.6	84.9	85.8	86.3	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.6
≥ 4000	28.5	73.1	80.2	84.2	86.1	86.5	87.4	88.0	88.0	88.0	88.0	88.0	88.1	88.2	88.2	88.3
≥ 3500	28.6	74.0	81.1	85.3	87.1	87.6	88.5	89.0	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.3
≥ 3000	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	90.3	90.3	90.4
≥ 2500	29.0	74.9	82.3	86.6	88.7	89.1	90.2	90.7	90.8	90.8	90.8	90.8	90.9	90.9	90.9	91.0
≥ 2000	29.1	75.5	82.9	87.3	89.5	89.9	91.0	91.6	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.9
≥ 1800	29.2	75.6	83.0	87.5	89.7	90.1	91.3	91.9	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.2
≥ 1500	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	93.4
≥ 1200	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	94.1	94.1	94.2
≥ 1000	29.8	77.2	84.8	89.5	91.9	92.3	93.8	94.7	94.7	94.8	94.8	94.8	94.9	94.9	94.9	95.1
≥ 900	29.8	77.3	84.9	89.6	92.1	92.5	94.0	94.9	94.9	95.0	95.1	95.1	95.2	95.2	95.2	95.4
≥ 800	29.8	77.5	85.1	89.9	92.4	92.8	94.3	95.2	95.3	95.4	95.5	95.5	95.6	95.7	95.7	95.8
≥ 700	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
≥ 600	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
≥ 500	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	97.6
≥ 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
≥ 300	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	98.7	98.7	98.8
≥ 200	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	99.4
≥ 100	29.9	78.0	85.9	91.0	94.1	94.9	96.8	98.4	98.6	98.8	99.1	99.2	99.4	99.4	99.6	99.8
0	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

TOTAL NUMBER OF OBSERVATIONS 2692

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥5/8	≥1/2	≥5/16	≥1/4	≥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
≥ 20000	16.3	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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 4000	20.0	61.3	69.3	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
≥ 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
≥ 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
≥ 2500	20.3	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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
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

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) ANDREWS AFB WASHINGTON D C (STATION NAME) 43-71 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥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	42.7	48.5	52.6	55.4	57.7	58.4	58.6	59.3	59.6	59.7	59.9	59.9	60.0	60.2
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 3000	19.3	49.9	58.3	67.6	73.6	76.0	79.2	80.5	80.7	81.7	82.1	82.1	82.4	82.4	82.5	82.7
≥ 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
≥ 2000	19.6	50.4	59.0	68.3	74.6	77.3	80.5	82.1	82.3	83.3	83.7	83.8	84.2	84.2	84.3	84.5
≥ 1800	19.6	50.4	59.0	68.4	74.7	77.4	80.7	82.2	82.4	83.5	83.9	83.9	84.3	84.3	84.4	84.6
≥ 1500	19.6	50.5	59.4	68.9	75.2	77.9	81.3	82.8	83.0	84.1	84.6	84.6	85.0	85.0	85.1	85.3
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 400	20.0	53.1	62.9	73.5	81.1	84.5	89.2	91.8	92.3	94.5	95.5	95.6	96.2	96.2	96.3	96.5
≥ 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
≥ 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
≥ 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
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

USAF ETAC FORM 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 (STATION) ANDREWS AFB WASHINGTON D C (STATION NAME) 43-71 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 800	31.7	71.	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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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	99.8	99.8	99.8
≥ 200	31.8	72.6	81.8	89.0	94.0	95.8	97.5	98.7	98.9	99.4	99.7	99.8	99.9	99.9	99.9
≥ 100	31.8	72.6	81.8	89.0	94.0	95.8	97.5	98.7	98.9	99.4	99.7	99.8	99.9	99.9	99.9
≥ 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

USAF ETAC FORM JUL 64 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) ANDREWS AFB WASHINGTON D C (STATION NAME) 43-71 (YEARS) AUG (MONTH)

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	≥⅝	≥½	≥5/16	≥¼	≥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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 4000	35.6	67.8	73.3	76.8	78.3	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 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
≥ 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	86.1	86.1
≥ 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	89.5	89.5
≥ 2000	40.5	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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 900	41.5	81.9	88.5	93.4	95.7	96.4	97.2	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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	99.9	99.9	99.9	99.9
≥ 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
≥ 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
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
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

USAF ETAC FORM JUL 64 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 NUMBER ANDREWS AFB WASHINGTON D C STATION NAME 43-71 YEARS AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 HOUR LST

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
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
< 20000 ≥ 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
< 18000 ≥ 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
< 16000 ≥ 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
< 14000 ≥ 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
< 12000 ≥ 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	75.9	75.9
< 10000 ≥ 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
< 9000 ≥ 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
< 8000 ≥ 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
< 7000 ≥ 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
< 6000 ≥ 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	83.0	83.0
< 5000 ≥ 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
< 4500 ≥ 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
< 4000 ≥ 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	88.3	88.3
< 3500 ≥ 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	91.5	91.5
< 3000 ≥ 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	93.5	93.5	93.5	93.5
< 2500 ≥ 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	95.3	95.3
< 2000 ≥ 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	95.3	95.3	95.3	95.3
< 1800 ≥ 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
< 1500 ≥ 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	97.4	97.4
< 1200 ≥ 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	97.8	97.8
< 1000 ≥ 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	98.0	98.0
< 900 ≥ 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	98.5	98.5
< 800 ≥ 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	98.6	98.6	98.6	98.6
< 700 ≥ 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	98.9	98.9
< 600 ≥ 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	99.2	99.2	99.3	99.3
< 500 ≥ 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	99.6	99.6	99.7	99.7
< 400 ≥ 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	99.8	99.8	99.9	99.9
< 300 ≥ 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	99.9	99.9	100.0	100.0
< 200 ≥ 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	99.9	99.9	100.0	100.0
< 100 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	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2695

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1600-2000 (HOUR LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥0
NO CEILING	25.2	44.2	46.7	49.6	50.3	50.4	50.6	50.6	50.6	50.6	50.7	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
≥ 18000	32.5	58.8	62.4	66.1	67.1	67.3	67.5	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6
≥ 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
≥ 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
≥ 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
≥ 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
≥ 9000	37.1	70.3	74.6	79.4	81.0	81.2	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7
≥ 8000	37.7	72.2	76.7	81.6	83.2	83.3	83.7	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9
≥ 7000	37.8	72.9	77.6	82.6	84.3	84.5	84.9	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2
≥ 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
≥ 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
≥ 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	88.6	88.6	88.6	88.6
≥ 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
≥ 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
≥ 3000	39.6	78.7	84.5	90.0	92.0	92.2	92.8	93.0	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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	97.8	97.8	97.8	97.8
≥ 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
≥ 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	98.4	98.4	98.4
≥ 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
≥ 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
≥ 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
≥ 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	99.9	99.9	99.9	99.9
≥ 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
≥ 100	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
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	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2690

USAF ETAC FORM 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 (STA. NO.) ANDREWS AFB WASHINGTON D C (STATION OR NAME) 43-71 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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	82.1	82.1	82.1
≥ 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	84.0	84.0	84.0
≥ 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
≥ 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
≥ 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
≥ 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	88.6	88.6	88.6
≥ 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	90.1	90.1	90.1
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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	95.0	95.0	95.0	95.0
≥ 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
≥ 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
≥ 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	97.2	97.2	97.3	97.3
≥ 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
≥ 800	37.1	82.2	88.9	93.4	95.4	95.7	96.8	97.2	97.3	97.5	97.5	97.5	97.6	97.6	97.6	97.6
≥ 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	97.8	97.8	97.8	97.8
≥ 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
≥ 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	98.4	98.4	98.5	98.5
≥ 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	99.0	99.0	99.1	99.1
≥ 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	99.4	99.4	99.4	99.5
≥ 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	99.8	99.9	99.9	100.0
≥ 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	99.9	99.9	99.9	100.0
≥ 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	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2696

USAF ETAC FORM 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 STATION ANDREWS AFB WASHINGTON D C 43-71 YEARS SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	29.7	52.2	54.1	55.2	55.8	55.9	56.5	56.9	56.9	56.9	56.9	56.9	57.1	57.1	57.1	57.2
≥ 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	66.5	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	66.5	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	66.7	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	67.9	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	70.4	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	73.8	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	74.8	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	76.7	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	78.4	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	79.8	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	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	83.3	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	84.8	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	85.3	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	86.5	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	87.5	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	88.3	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	88.3	88.3	88.4	88.4
≥ 500	39.1	78.9	83.3	85.7	87.1	87.4	88.5	89.0	89.1	89.1	89.1	89.1	89.3	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	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	91.3	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	91.6	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	92.2	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	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	94.2	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	95.3	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	96.5	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	97.6	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	98.2	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	98.6	98.7	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	98.7	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 2606

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 (STATION) ANDREWS AFB WASHINGTON D C (STATION NAME) 43-71 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS L ST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	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
≥ 20000	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
≥ 18000	25.1	53.1	56.9	59.5	61.1	61.3	61.5	61.9	62.0	62.1	62.3	62.3	62.7	62.8	63.0	63.5
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 600	29.8	71.6	78.0	82.6	86.6	87.3	88.2	89.5	89.9	90.4	90.6	90.6	91.2	91.3	91.6	92.1
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
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

USAF ETAC FORM NOV 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 43-71 SEP
STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	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	22.5	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	79.3
≥ 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	79.5	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	65.3	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

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) ANDREWS AFB WASHINGTON D C (STATION NAME) 43-71 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	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	51.3
≥ 20000	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	61.7
≥ 18000	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	61.9
≥ 16000	31.5	55.6	59.2	60.7	61.4	61.8	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 14000	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	62.9
≥ 12000	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	64.8
≥ 10000	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	67.8
≥ 9000	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	68.9
≥ 8000	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	71.2
≥ 7000	34.3	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	72.2
≥ 6000	34.5	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	72.7
≥ 5000	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	74.2
≥ 4500	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	74.9
≥ 4000	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	76.6
≥ 3500	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	78.2
≥ 3000	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	80.1
≥ 2500	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	81.7
≥ 2000	37.5	71.2	77.0	80.4	82.4	83.2	83.5	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 1800	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	84.1
≥ 1500	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	86.4
≥ 1200	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	88.2
≥ 1000	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	90.5
≥ 900	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	91.4
≥ 800	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	92.5
≥ 700	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	93.8
≥ 600	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	95.3
≥ 500	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	96.8
≥ 400	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	98.5
≥ 300	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	99.3
≥ 200	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	99.8
≥ 100	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	100.0
≥ 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	100.0

TOTAL NUMBER OF OBSERVATIONS 2601

USAF ETAC FORM Jul 64 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) ANDREWS AFB WASHINGTON D C (STATION NAME) 43-71 (YEARS) SEP (MONTH)

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	≥⅝	≥½	≥5/16	≥¼	≥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	40.5	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	50.5	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

USAF ETAC FORM 101 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 (STATION) ANDREWS AFB WASHINGTON D C (STATION NAME) 43-71 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 2000	51.4	85.0	87.9	90.2	91.5	91.9	92.6	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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	99.7	99.7	99.7	99.8
≥ 100	51.6	86.7	90.2	93.1	95.1	96.1	97.9	98.7	99.0	99.4	99.6	99.7	99.8	99.9	99.9	100.0
≥ 0	51.6	86.7	90.2	93.1	95.1	96.1	97.9	98.7	99.0	99.4	99.6	99.7	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2338

USAF ETAC FORM 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 (WBAN) ANDREWS AFB WASHINGTON D C (STATION NAME) 43-71 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	-	≥⅞	≥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	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	67.7
≥ 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	68.1
≥ 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	68.5
≥ 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	69.9
≥ 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	73.2
≥ 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	76.7
≥ 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	77.8
≥ 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	79.3	79.5	79.5
≥ 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	80.9
≥ 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	82.1
≥ 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	84.1
≥ 4500	46.6	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	85.3
≥ 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	87.3
> 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	88.6
≥ 3000	47.9	81.9	85.6	87.6	89.1	89.4	89.8	90.2	90.2	90.3	90.3	90.3	90.4	90.4	90.4	90.4
≥ 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	91.6
≥ 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	93.0
≥ 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	93.1
≥ 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	94.0
≥ 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	94.6
≥ 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	95.3
≥ 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	95.9
≥ 600	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	96.2
≥ 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	96.6
≥ 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	97.3
≥ 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	97.8
≥ 400	48.5	84.5	89.2	92.5	94.8	95.5	97.0	98.0	98.1	98.5	98.7	98.7	98.8	98.8	98.8	98.8
≥ 300	48.5	84.5	89.2	92.5	94.8	95.5	97.0	98.3	98.4	98.9	99.1	99.1	99.2	99.2	99.2	99.2
≥ 200	48.5	84.5	89.2	92.5	94.8	95.6	97.2	98.5	98.7	99.3	99.6	99.6	99.7	99.7	99.7	99.7
≥ 100	48.5	84.5	89.2	92.5	94.9	95.6	97.2	98.6	98.8	99.4	99.7	99.7	99.8	99.9	99.9	99.9
0	48.5	84.5	89.2	92.5	94.9	95.6	97.2	98.6	98.8	99.4	99.7	99.7	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2604

USAF ETAC FORM 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 STATION — ANDREWS AFB WASHINGTON D C STATION NAME — 43-71 YEARS — SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	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	58.1	58.1
≥ 20000	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
≥ 18000	38.6	63.9	66.4	67.5	67.9	68.0	68.4	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 16000	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	68.9	68.9
≥ 14000	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	70.4	70.4
≥ 12000	40.0	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	73.0	73.0
≥ 10000	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
≥ 9000	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	78.0	78.0
≥ 8000	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	79.9	79.9
≥ 7000	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	81.2	81.2
≥ 6000	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	82.5	82.5
≥ 5000	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	84.6	84.6
≥ 4500	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	85.9	85.9
≥ 4000	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	87.5	87.5
≥ 3500	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	88.2	88.2
≥ 3000	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	89.3	89.3
≥ 2500	45.9	82.3	86.3	88.3	89.1	89.2	89.7	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.3	90.3
≥ 2000	46.1	82.9	87.0	89.0	90.1	90.1	90.7	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.3	91.3
≥ 1800	46.1	83.1	87.3	89.3	90.4	90.5	91.2	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7
≥ 1500	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	92.3	92.3
≥ 1200	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	93.1	93.1
≥ 1000	46.2	83.7	88.2	90.7	92.1	92.4	93.2	93.8	93.8	94.0	94.0	94.0	94.1	94.1	94.1	94.1
≥ 900	46.2	83.8	88.3	91.0	92.5	92.7	93.6	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.5	94.5
≥ 800	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	95.1	95.1
≥ 700	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	95.6	95.6
≥ 600	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
≥ 500	46.3	84.5	89.5	92.4	94.2	94.6	96.0	96.7	96.7	97.1	97.1	97.1	97.2	97.2	97.2	97.2
≥ 400	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
≥ 300	46.3	84.6	89.7	92.7	94.8	95.2	97.1	98.2	98.4	99.0	99.1	99.1	99.2	99.2	99.2	99.2
≥ 200	46.3	84.6	89.7	92.7	94.8	95.2	97.2	98.4	98.6	99.3	99.4	99.4	99.5	99.5	99.5	99.5
≥ 100	46.3	84.6	89.7	92.7	94.8	95.2	97.3	98.5	98.7	99.4	99.6	99.6	99.7	99.7	99.8	99.8
0	46.3	84.6	89.7	92.7	94.8	95.2	97.3	98.5	98.7	99.4	99.6	99.6	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2606

USAF ETAC FORM JUL 64 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) ANDREWS AFB WASHINGTON D C (STATION NAME) 43-71 (YEARS) LCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	30.0	54.4	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
≥ 20000	32.6	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
≥ 18000	32.7	62.0	64.4	65.4	66.2	66.2	66.7	66.8	66.8	66.9	66.9	66.9	67.2	67.2	67.3	67.6
≥ 16000	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
≥ 14000	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
≥ 12000	33.7	64.3	66.8	67.8	68.7	68.8	69.2	69.4	69.4	69.4	69.5	69.5	69.7	69.7	69.8	70.1
≥ 10000	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
≥ 9000	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
≥ 8000	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
≥ 7000	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
≥ 6000	36.9	71.1	74.0	75.2	76.2	76.3	76.8	77.0	77.0	77.1	77.2	77.2	77.5	77.5	77.6	77.9
≥ 5000	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
≥ 4500	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
≥ 4000	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
≥ 3500	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
≥ 3000	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
≥ 2500	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
≥ 2000	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
≥ 1800	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
≥ 1500	39.8	80.0	84.2	85.9	87.3	87.4	88.2	88.4	88.4	88.5	88.8	88.8	89.1	89.2	89.3	89.6
≥ 1200	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
≥ 1000	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	91.2	91.3	91.6
≥ 900	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
≥ 800	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	92.2	92.3	92.6
≥ 700	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
≥ 600	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
≥ 500	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
≥ 400	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
≥ 300	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
≥ 200	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
≥ 100	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
0	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

USAF ETAC FORM 101 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

13703 (MO.) ANDREWS AFB WASHINGTON D C (STATION NAME) 43-71 (YEARS) LCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 4000	31.[illegible]	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
≥ 3500	31.[illegible]	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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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	94.7	95.5	97.0
≥ 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

USAF ETAC FORM 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 STATION — ANDREWS AFB WASHINGTON D C STATION NAME — 43-71 YEARS — OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	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
≥ 20000	19.4	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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 800	25.4	58.1	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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
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

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0400-1100 HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
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	54.4	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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 6000	33.5	60.6	64.2	66.9	69.2	70.1	70.7	71.1	71.2	71.3	71.4	71.4	71.4	71.4	71.4	71.4
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 1500	37.3	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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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

USAF ETAC FORM JUL 64 0-14-5 (GL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

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

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	≥⅝	≥½	≥5/16	≥¼	≥0
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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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	88.3	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
≥ 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	98.9	98.9	98.9	98.9
≥ 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	99.8	99.8	99.8	99.8
≥ 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	100.0	100.0	100.0	100.0
≥ 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	100.0	100.0	100.0	100.0
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	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2691

USAF ETAC FORM JUL 64 0-14-5 (OL 4) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13705 (WBAN No.) ANDREWS AFB WASHINGTON D.C. (STATION NAME) 43-71 (YEARS) LCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥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	81.6	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	93.5	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	94.9	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	95.7	95.7	95.7	95.8	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	97.9	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	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2690

USAF ETAC FORM 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 (STATION) ANDREWS AFB WASHINGTON D C (STATION NAME) 43-71 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOUR LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	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
≥ 20000	37.8	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
≥ 18000	37.9	62.9	64.0	64.8	65.4	65.4	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 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	94.3	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	95.7	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	99.7	99.8	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	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2696

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 NUMBER) ANDREWS AFB WASHINGTON D C (STATION NAME) 43-71 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥7/16	≥¼	≥0
NO CEILING	33.6	56.3	57.3	58.0	58.5	58.6	58.8	58.8	58.8	58.9	58.9	58.9	58.9	58.9	59.0
≥ 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	68.5
≥ 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	68.7
≥ 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	68.7
≥ 14000	38.1	66.0	67.6	69.6	69.1	69.2	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.7
≥ 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	71.7
≥ 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	73.9
≥ 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	74.9
≥ 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	76.9
≥ 7000	42.8	74.4	76.4	77.6	78.1	78.3	78.7	78.8	78.8	78.9	78.9	78.9	78.9	78.9	79.1
≥ 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	80.8
≥ 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	82.6
≥ 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	84.2
≥ 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	85.8
≥ 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	87.3
≥ 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	88.1
≥ 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	89.5
≥ 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	90.9
≥ 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	91.5
≥ 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	91.9
≥ 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	92.8
≥ 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	93.2
≥ 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	93.5
≥ 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	93.9
≥ 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	94.4
≥ 600	46.7	86.0	89.2	91.5	92.7	92.9	93.8	94.3	94.4	94.6	94.8	94.8	94.9	94.9	95.1
≥ 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	96.0
≥ 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	96.9
≥ 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	97.7
≥ 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	98.6
≥ 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	98.9	99.6
≥ 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	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 2683

USAF ETAC FORM NO. 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 HOURS L.S.T.

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 8000	37.1	64.3	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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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

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

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0100-0500 HOUR (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
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
≥ 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
≥ 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	59.6	59.6	59.8	60.1
≥ 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	59.7	59.7	59.9	60.3
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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

USAF ETAC FORM 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 (WBAN) ANDREWS AFB WASHINGTON D C (STATION) 43-71 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¼	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 8000	27.9	55.4	59.3	62.7	64.9	65.6	66.3	66.9	67.0	67.4	67.8	67.8	68.0	68.1	68.2	68.5
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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	8 .7
≥ 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
≥ 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
≥ 1000	33.5	69.6	75.4	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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 300	33.6	70.3	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
≥ 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
≥ 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
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

USAF ETAC FORM 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 (STATION) ANDREWS AFB WASHINGTON D C (STATION NAME) 43-71 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
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
≥ 20000	28.3	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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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	68.5	68.5
≥ 7000	33.6	60.5	64.1	66.5	68.3	69.0	69.7	70.1	70.2	70.3	70.4	70.4	70.5	70.5	70.5	70.5
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
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

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13702 ANDREWS AFB WASHINGTON D C (STATION NAME) 43-71 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
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

USAF ETAC FORM NO. 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 (STATION) ANDREWS AFB WASHINGTON D C (STATION NAME) 43-71 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1600-1700 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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	92.6	92.6
≥ 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	93.5	93.5	93.5	93.6
≥ 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	93.7	93.7	93.7	93.7
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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

USAF ETAC FORM JUL 64 0-14-5 (CL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1600-2000 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	29.4	47.9	48.9	49.8	50.1	50.1	50.3	50.3	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4
≥ 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
≥ 18000	33.7	56.7	58.6	59.9	60.4	60.4	60.7	60.7	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 1500	44.7	83.0	86.5	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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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	97.9	97.9
≥ 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
≥ 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
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

USAF ETAC FORM JUL 64 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 — ANDREWS AFB WASHINGTON D C STATION NAME — 43-71 YEARS — NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOUR (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥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
≥ 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
≥ 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
≥ 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	62.0	62.0
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
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

USAF ETAC FORM JUL 64 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) ANDREWS AFB WASHINGTON D C (STATION NAME) 43-71 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 10000	35.6	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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 1800	42.6	77.0	80.2	82.6	84.2	84.3	84.9	85.4	85.6	86.0	86.2	86.2	86.2	86.2	86.2	86.4
≥ 1500	42.6	77.2	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
≥ 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	88.6	88.8
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
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

USAF ETAC FORM 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 (WBAN) ANDREWS AFB WASHINGTON D C (STATION NAME) 43-71 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0100-0500 (HOUR)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥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
≥ 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	57.2	57.4
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 4500	38.5	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
≥ 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
≥ 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
≥ 3000	39.9	74.1	77.3	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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 600	40.1	77.3	81.1	84.1	86.6	87.3	88.5	89.5	89.8	90.4	90.7	90.7	90.8	90.8	90.9	91.1
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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

USAF ETAC FORM NO. 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 — ANDREWS AFB WASHINGTON D C STATION NAME — 43-71 YEARS — DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2 7/8	≥2	≥1	≥1 1/4	≥1	≥1/4	≥1/2	≥1/8	≥5/16	≥1/4	≥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
≥ 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
≥ 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
≥ 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
≥ 12000	25.6	49.5	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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 5000	29.9	62.5	67.1	70.3	72.6	73.1	74.5	75.0	75.1	75.5	75.6	75.7	75.8	75.8	75.9	76.3
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 300	32.2	70.0	75.7	80.4	83.9	84.8	87.5	90.5	90.8	92.8	93.4	93.9	93.8	94.0	94.5	95.0
≥ 200	32.2	70.0	75.7	80.4	84.0	84.9	87.9	91.0	9_.4	93.8	94.8	94.9	95.5	95.7	96.4	97.1
≥ 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
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

USAF ETAC FORM 7/64 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. (STATION NAME) 43-71 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥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	45.5	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	62.3	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	63.6	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	66.6	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	68.3	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	66.6	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	82.6	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	86.9	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	88.5	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 2630

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

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

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	≥⅝	≥½	≥5/16	≥¼	≥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	71.3	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	83.5	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	93.4	93.5	93.7	93.7
≥ 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 LEC

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	≥	≥	≥5 16	≥	≥0
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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 6000	36.7	64.5	67.6	69.3	70.6	70.9	71.4	71.7	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 2500	40.0	73.6	77.7	80.9	82.8	83.4	84.1	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.9	84.9
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 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
≥ 400	40.4	75.4	80.3	84.8	87.7	88.7	91.1	92.3	93.0	93.8	94.7	94.7	95.0	95.1	95.4	95.5
≥ 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
≥ 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
≥ 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
≥ 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

USAF ETAC 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 (STATION) ANDREWS AFB WASHINGTON D C (STATION NAME) 43-71 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-2000 (HOURS (LST))

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	=0
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	56.8
≥ 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	57.1
≥ 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	57.8
≥ 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	59.1
≥ 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	61.8
≥ 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	64.7
≥ 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	65.8
≥ 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	68.5
≥ 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
≥ 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	72.9
≥ 5000	38.8	70.4	72.9	74.8	75.6	75.8	76.2	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 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
≥ 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	79.9
≥ 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
≥ 3000	40.1	75.4	78.4	80.7	81.6	82.1	82.8	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 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
≥ 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	86.6
≥ 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	86.7
≥ 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
≥ 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
≥ 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
≥ 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	89.9
≥ 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	90.4	90.4	90.4	90.5
≥ 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	91.1
≥ 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	91.9
≥ 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	93.4
≥ 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
≥ 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
≥ 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
≥ 100	41.4	79.8	83.7	87.0	88.9	89.9	92.1	94.3	95.2	96.8	97.4	97.4	98.1	98.3	98.6	99.2
≥ 0	41.4	79.8	83.7	87.0	88.9	89.9	92.1	94.3	95.2	96.8	97.4	97.4	98.1	98.3	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2688

USAF ETAC FORM JUL 64 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 ANDREWS AFB WASHINGTON D C 43-71 CLC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

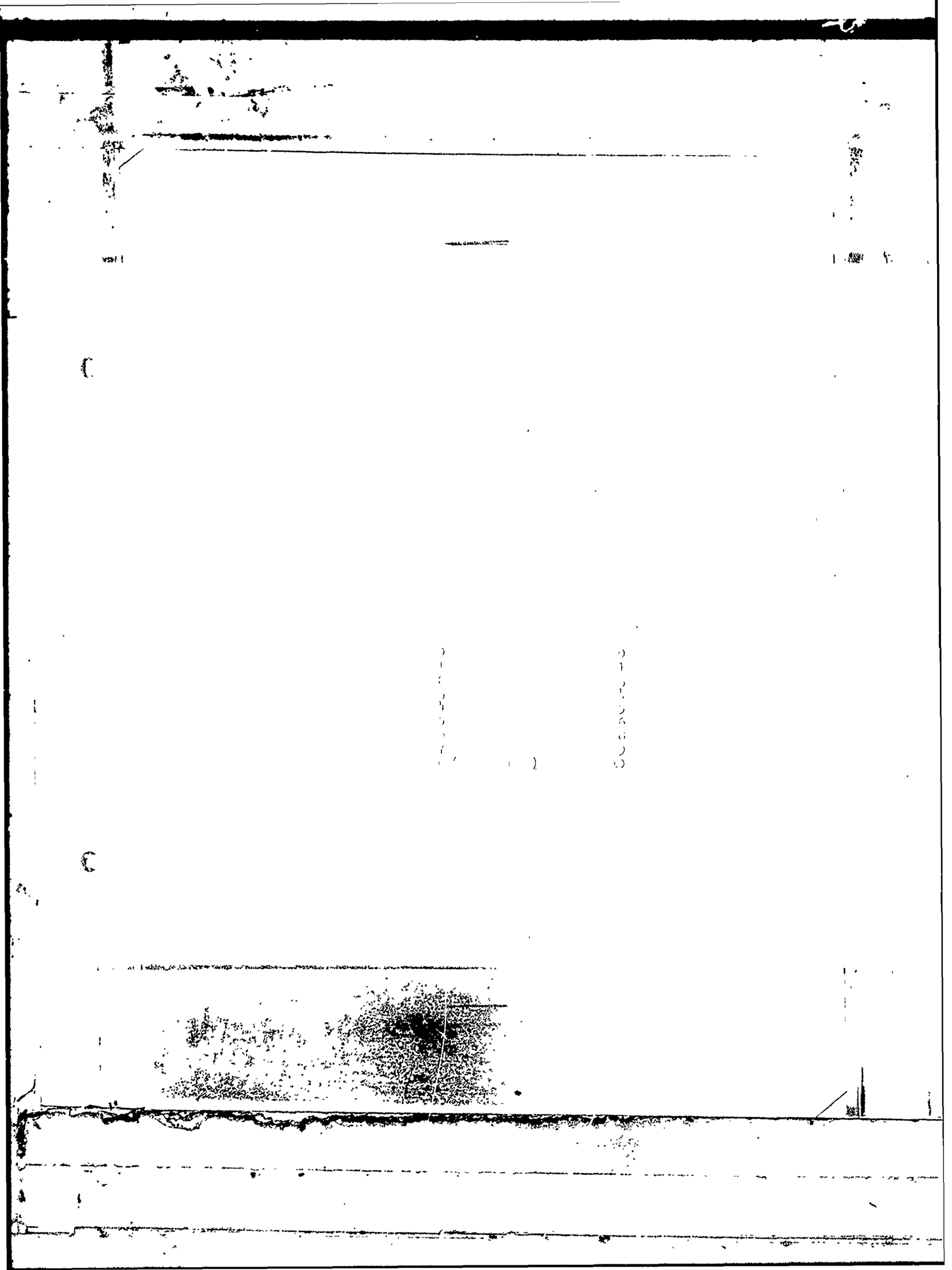
CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥5	≥3	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥5/16	≥1	≥0
NO CEILING	29.2	47.3	48.0	48.3	48.5	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.7	48.7	48.8	49.0
≥ 20000	33.0	53.9	55.4	56.2	56.6	56.6	56.7	57.0	57.0	57.0	57.0	57.1	57.1	57.2	57.2	57.4
≥ 18000	33.2	54.2	55.7	56.5	56.9	56.9	57.0	57.3	57.3	57.3	57.3	57.4	57.4	57.4	57.5	57.7
≥ 16000	33.3	54.7	56.2	57.0	57.4	57.5	57.6	57.8	57.9	57.9	57.9	57.9	57.9	58.0	58.0	58.1	58.3
≥ 14000	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
≥ 12000	35.4	58.9	60.5	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
≥ 10000	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
≥ 9000	36.9	61.7	63.5	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
≥ 8000	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	68.5	68.5	68.7
≥ 7000	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
≥ 6000	39.5	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
≥ 5000	40.7	71.2	73.6	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
≥ 4500	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
≥ 4000	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
≥ 3500	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
≥ 3000	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
≥ 2500	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
≥ 2000	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
≥ 1800	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
≥ 1500	43.0	78.3	81.7	84.1	85.2	85.6	86.3	86.9	87.0	87.0	87.1	87.1	87.1	87.2	87.3	87.5
≥ 1200	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
≥ 1000	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
≥ 900	43.2	79.7	82.9	85.5	86.9	87.2	88.1	89.0	89.1	89.3	89.4	89.4	89.4	89.5	89.6	89.8
≥ 800	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
≥ 700	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	43.2	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	43.5	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	43.5	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	43.5	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

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

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.



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	5.3	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

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

13705 STATION | ANDREWS AFB WASHINGTON D C STATION NAME | 46-70 PERIOD | JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02	32.8	3.2	3.4	3.4	2.7	1.4	3.4	3.1	3.2	1.9	41.6	5.4	2315
	03-05	30.8	3.7	4.1	3.0	2.1	1.5	2.6	2.1	3.5	2.1	44.5	5.6	2316
	06-08	21.7	4.3	4.5	3.7	2.5	2.1	2.5	3.7	5.7	3.6	45.6	6.2	2315
	09-11	18.4	4.6	3.1	4.9	3.1	2.5	2.1	3.7	6.3	5.3	46.1	6.5	2319
	12-14	15.8	5.4	4.3	3.8	3.9	2.7	3.5	4.1	5.5	5.4	45.6	6.5	2316
	15-17	15.8	5.2	4.8	4.4	3.9	2.6	3.2	3.9	5.7	4.6	46.0	6.5	2315
	18-20	25.5	3.6	5.0	4.3	3.4	2.1	2.8	3.1	4.6	2.5	43.2	5.8	2322
	21-23	30.9	3.5	3.1	3.5	3.1	1.6	2.8	3.7	3.7	1.9	42.2	5.5	2324
TOTALS		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

USAFETAC FORM JUL 64 0-9-5 (OL1) 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) FEB (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	2116
	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

USAFETAC FORM JUL 64 0-9-5 (OL-I) 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 | 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	2.6	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	3.0	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	18593

USAFETAC FORM JUL 64 0-9-5 (OL1) 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) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02	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	41.5	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 JUL 64 0 9-5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

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

USAFETAC FORM JUL 64 0-9-5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

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

USAFETAC FORM JUL 64 0-9-5 (OL-1) 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 | JUL 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		
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

USAFETAC FORM JUL 64 0-9-5 (OL-I) 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) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	33.8	4.7	4.7	4.5	4.4	3.4	4.2	4.4	6.2	3.2	26.5	4.6	2324
	03-05	29.6	4.5	6.5	5.4	4.6	2.6	3.8	4.9	5.8	3.3	29.0	4.9	2325
	06-08	19.2	5.4	5.2	4.6	4.1	3.7	3.4	6.1	8.6	6.3	33.5	5.9	2324
	09-11	17.5	5.6	4.9	4.3	5.0	5.9	3.5	7.4	9.5	6.1	30.2	5.8	2323
	12-14	6.8	4.1	5.7	6.1	7.3	8.0	5.9	8.0	13.1	8.2	26.9	6.4	2324
	15-17	9.3	5.6	7.0	8.7	7.6	5.8	5.4	7.7	10.7	6.8	25.4	5.9	2323
	18-20	16.0	7.6	7.2	6.1	5.1	4.6	4.3	6.1	8.7	5.6	28.6	5.6	2325
	21-23	29.1	5.4	6.3	5.6	4.1	3.6	5.0	4.9	6.0	3.4	26.7	4.8	2324
TOTALS		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

USAFETAC FORM JUL 64 0-9-5 (OL-I) 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 | SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00-02	40.8	4.6	4.4	3.4	3.0	2.5	2.6	3.4	4.4	2.4	28.5	4.3	2249
	03-05	37.9	4.9	3.9	4.0	3.8	2.2	2.8	3.1	4.2	1.9	31.5	4.5	2250
	06-08	24.4	6.4	4.6	4.5	3.3	2.8	3.0	5.1	6.8	6.4	32.7	5.5	2250
	09-11	23.3	6.6	5.2	5.3	3.8	4.4	2.9	5.9	7.0	6.1	29.6	5.4	2250
	12-14	15.2	4.5	5.7	6.5	5.6	6.6	5.2	7.4	8.3	7.9	27.1	5.8	2250
	15-17	14.7	7.6	6.5	7.2	6.4	4.6	5.4	6.4	7.3	6.2	27.7	5.6	2250
	18-20	22.3	7.8	7.2	6.4	5.2	3.4	3.9	4.5	6.8	5.3	26.8	5.1	2249
	21-23	35.0	6.3	5.4	5.2	3.9	3.5	4.4	4.0	5.0	1.8	25.5	4.3	2250
TOTALS		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

USAFETAC FORM JUL 64 0-9-5 (OL-1) 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) 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

USAFETAC FORM JUL 64 0 9-5 (OL-I) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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	5.2	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	3.1	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

USAFETAC FORM JUL 64 0-9-5 (OL1) 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 — DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
DEC	00-02	33.6	4.4	4.6	3.4	3.3	2.3	2.6	3.4	3.4	2.3	36.6	5.0	2324
	03-05	33.3	3.9	3.3	3.8	2.7	1.7	2.3	3.4	4.1	2.0	39.7	5.3	2325
	06-08	22.7	4.4	4.4	4.1	3.1	2.7	3.1	4.0	5.4	4.4	41.6	6.0	2325
	09-11	17.9	5.9	4.3	3.3	3.3	2.8	3.4	4.4	6.6	5.6	42.5	6.3	2324
	12-14	16.7	5.9	3.5	4.3	3.4	3.0	3.7	4.9	6.4	5.6	42.5	6.4	2324
	15-17	16.5	7.2	5.6	3.9	3.8	2.1	4.3	4.3	6.5	4.8	41.1	6.2	2321
	18-20	29.2	4.6	4.8	3.7	2.9	2.2	3.4	3.4	4.5	2.1	39.4	5.4	2325
	21-23	32.6	4.0	4.3	4.6	2.6	2.1	3.1	3.4	3.5	2.3	37.5	5.1	2324
TOTALS		25.3	5.0	4.4	3.9	3.1	2.4	3.2	3.9	5.1	3.6	40.1	5.7	23592

USAFETAC FORM JUL 44 0-9-5 (OL-I) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
[illegible] WICE (NOAC)
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 (ΣX^2), sums of values (ΣX), 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 percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

13705 STATION — ANDREWS AFB WASHINGTON D C STATION NAME — 43-72 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	55.3	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	44.5	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	10.002	12.062	10.872	8.942	7.742	5.720	6.066	8.375	8.787	9.941	10.634	18.259
TOTAL OBS	899	820	899	869	899	882	930	898	870	899	870	899	10634

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

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

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
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	5.1	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	95.1	100.0					98.2	74.1	35.3	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	95.6
15	89.9	92.7	99.8								99.9	95.8	98.2
10	95.9	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	4.588	5.238	7.708	8.382	8.774	8.861	16.209
TOTAL OBS	899	820	899	869	899	882	930	898	870	899	870	899	10634

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

13705 ANDREWS AFB WASHINGTON D C 43-72
STATION STATION NAME 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	.5				.7
80					.7	15.9	30.0	21.9	7.8	.2			6.5
75				1.6	9.1	41.3	66.5	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	97.3	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	50.7	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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

13743 STATION | AIR WS AFB WASHINGTON D C STATION NAME | 43-72 YEARS

WHOLE DEGREES FAHRENHEIT

MONTH / YEAR	JAN	FEB	MAR	APR.	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
6							93	98	95	82	72	69	
46	69	67	80	81	91	96	95	94	91	84	71	57	96
47	67	64	87	86	88	96	98	94	90	80	77	56	98
48	64	71	79	88	87	92	96	90	94	84	76	71	96
49	73	55	66	84	90	94	93	97	92	80	65	60	97
4	59	79	87	84	90	94	93	99	89	79	78	67	99
4	70	74	81	84	89	94	96	97	88	83	75	64	97
5	77	54	79	81	90	93	93	91	90	83	84	70	93
5	69	71	79	87	89	96	95	96	93	92	73	73	96
5	73	56	62	80	85	100	98	90	94	85	70	62	100
5	70	76	69	86	89	93	96	100	100	82	76	67	100
54	70	75	80	86	88	99	102	95	99	92	68	64	102
55	62	66	79	82	90	92	98	97	89	83	78	63	98
56	62	66	71	88	93	96	94		93	80	72	75	
57	65	69	73	92	90	97	100	97	92	79	73	63	100
5	55	6	56	85	86	93	94	92	92	85	76	59	94
5	70	67	79	88	90	100	92	95	91	90	76	63	100
6	68	67	79	93	86	90	93	93	87	81	73	68	93
61	63	70	80	88	86	90	95	92	95	81	81	60	95
6	60	66	77	86	92	93	92	94	93	84	63	64	94
6	61	55	84	88	93	92	94	92	89	83	72	54	94
6	64	60	76	85	90	96	92	91	92	78	74	69	96
65	65	67	70	79	91	93	93	95	92	77	73	70	95
66	60	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
6	61	50	83		85	94	95	95	86	85	77	66	
6	60	49	67	89	96	98	97	89	89	84	71	60	98
7	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	65	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	82.8	73.8	65.9	98.5
S D	6.386	7.482	8.014	3.155	3.172	3.063	2.909	3.031	3.738	4.279	4.823	5.419	2.866
TOTAL OBS	899	826	899	840	899	870	930	868	870	899	870	899	10563

USAF ETAC FORM JUL 64 0 88 5 (OLI)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

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

TRIPLE DEGREES FAHRENHEIT
/BASED ON LESS THAN FULL MONTHS/

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
47						96							MAX TEMP
						12							DAYS
56								93					MAX TEMP
								30					DAYS
67				93									MAX TEMP
				29									DAYS
MEAN													
S D													
TOTAL OBS													

USAF ETAC FORM JUL 64 0 83 5 (OLI)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

1170 STATION — ANDREWS AFB WASHINGTON D C STATION NAME — 43-72 YEARS

WHOLE DEGREES FAHRENHEIT

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[illegible]							55	57	41	36	24	12	
44	14	10	16	29	40	49	58	54	51	32	27	15	14
45	10	15	30	33	34	43	55	54	52	35	24	10	10
46	10	17	28	32	42	50	57	52	46	40	28	16	10
47	9	5	22	33	33	47	56	60	39	35	25	20	5
48	2	16	16	32	44	52	56	56	48	33	31	11	2
49	19	21	22	34	42	50	62	56	45	39	24	19	19
50	20	16	12	23	42	49	58	57	42	38	15	11	11
51	16	9	25	33	47	53	59	55	42	40	21	9	9
52	14	25	22	34	44	55	54	53	46	28	23	18	14
53	24	20	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	16	19	22	27	34	52	56		40	35	20	21	
57	1	20	23	31	37	51	56	52	38	33	24	12	1
58	11	9	26	36	42	49	62	55	46	36	17	10	9
59	5	10	23	33	44	51	60	57	46	36	20	16	5
60	18	16	15	33	41	53	59	60	50	33	28	8	8
61	7	3	23	30	39	51	57	59	48	37	30	16	3
62	8	6	13	32	43	58	56	56	44	36	28	10	6
63	4	7	25	35	37	48	57	52	38	37	30	11	4
64	6	16	23	27	44	46	60	48	44	30	21	20	6
65	3	6	14	29	47	50	58	50	48	30	24	18	3
66	8	8	23	29	33	48	57	59	47	32	26	11	8
67	12	5	16	27	40	45	58	57	44	32	21	7	5
68	3	11	18		43	53	59	52	47	39	28	11	
69	13	20	22	25	43	57	64	56	47	28	22	19	13
70	14	11	21	33	39	51	56	57	45	39	19	18	14
71	9	11	26	33	40	56	56	53	46	44	26	26	9
72	3	14	21	27	42	45	57						
MEAN	9.8	12.4	21.3	30.8	41.1	50.5	56.0	55.5	45.4	34.7	24.0	14.4	7.7
S D	6.230	6.173	4.267	3.326	4.157	3.592	2.456	3.109	3.737	4.006	4.567	4.263	5.132
TOTAL OBS	899	820	899	840	899	870	930	868	870	899	870	899	10563

USAF ETAC FORM JUL 64 0 88 5 (OLI)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

HOURLY TEMPERATURE
(FROM DAILY OBSERVATIONS)

13743 ANDREWS AFB WASHINGTON D C 43-72
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT
/BASED ON LESS THAN FULL MONTHS/

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
43						97							MX TEMP
						12							DAYS
58								96					MX TEMP
								30					DAYS
6				95									MX TEMP
				29									DAYS
MEAN													
S D													
TOTAL OBS													

USAF ETAC FORM JUL 64 0 88 5 (OLI)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 ANDREWS AFB WASHINGTON D C 43-72 ALL
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 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				
102/101														.0	.0			3	3		
100/ 99						.0				.0	.0	.0	.0	.0	.0	.0	.0	33	33		
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			232	236		
94/ 93					.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				475	492		
92/ 91			.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0			1687	1106	1	
90/ 89			.0	.0	.0	.0	.1	.2	.2	.1	.1	.0	.0	.0	.0			1872	1900	5	1
88/ 87		.0		.0	.0	.1	.2	.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	.2	.4	.4	.3	.3	.2	.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					10883	11046	11924	9620
68/ 67	.2	.9	.8	.6	.5	.3	.3	.2	.1	.1	.0	.0						9575	9983	10925	9779
66/ 65	.3	.9	.8	.6	.4	.3	.3	.2	.1	.0	.0	.0						9854	9936	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										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)	$\Sigma x'$	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.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

 — ALL HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
34/ 33	.3	.9	.9	.7	.2	.0												7537	7599	8996	8107
32/ 31	.3	.7	.9	.7	.1	.0												6730	6819	9626	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	.5	.1														2431	2461	4120	7065
22/ 21	.0	.3	.4	.0														1975	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																42	43	88	1697
4/ 3	.0	.0	.0															30	30	37	1273
2/ 1	.0	.0																4	4	19	935
0/ -1	.0																	1	1	3	818
-2/ -3	.0																	1	1	1	535
-4/ -5																					394
-6/ -7																					250
-8/ -9																					137
-10/-11																					54
-12/-13																					28
-14/-15																					15
-16/-17																					8
-18/-19																					6
-20/-21																					1
-22/-23																					2
TOTAL	3.8	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		250585	
																	250588		250594		

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.	1247654935	16975131	67.7	19.682	250573							
Dry Bulb	844085845	14079199	55.5	18.023	253414	.1	1016.0	2841.1	1743.6	771.2	29.6	8760
Wet Bulb	686224739	12479153	49.8	16.214	250594	.1	580.1	1675.1	517.5	10.3		8760
Dew Point	571920710	11003834	43.9	18.797	250585	79.6	2680.7	1105.4	171.7	2.3		8760

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 NO. ANDREWS AFB WASHINGTON D C STATION NAME 44-72 YEARS JAN MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	+ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78/ 77								.0										1	1		
76/ 75							.0											4	4		
74/ 73					.0	.0	.0											5	5		
72/ 71					.0	.0	.0	.1										10	18		
70/ 69				.0	.0	.0	.0	.0		.0		.0						32	34		
68/ 67			.0	.0	.1	.0	.1	.0	.0									56	56		
66/ 65		.0	.0	.1	.0	.1	.1	.0	.0		.0							62	62	2	
64/ 63		.1	.1	.1	.1	.1	.0	.0										84	89	27	
62/ 61	.0	.1	.1	.1	.1	.1	.0	.0	.0									117	123	61	16
60/ 59	.0	.1	.3	.2	.2	.1	.1	.0	.0									200	223	98	54
58/ 57	.0	.3	.2	.2	.2	.1	.1	.0	.0									200	216	123	63
56/ 55	.0	.3	.2	.2	.1	.1	.1	.0										206	227	183	134
54/ 53	.0	.3	.2	.3	.2	.1	.1	.0	.0									264	297	201	144
52/ 51	.1	.4	.3	.2	.3	.3	.2	.1										374	404	237	155
50/ 49	.3	.5	.3	.3	.3	.2	.2	.0										419	446	271	244
48/ 47	.3	.5	.5	.5	.5	.3	.1	.0										563	592	329	255
46/ 45	.2	.7	.6	.8	.7	.4	.1	.0	.0									724	762	386	291
44/ 43	.3	1.1	.9	.9	.9	.3	.1											915	964	518	320
42/ 41	.5	1.2	1.0	1.3	.9	.3	.0											1064	1111	712	400
40/ 39	.8	1.4	1.6	1.5	1.2	.2	.0											1367	1457	1007	567
38/ 37	.6	1.4	1.4	2.0	.8	.1	.0											1344	1427	1172	592
36/ 35	.9	1.9	2.5	2.4	.6	.0												1743	1804	1366	760
34/ 33	.7	2.4	2.5	2.2	.5	.0												1727	1763	1505	898
32/ 31	1.1	2.4	3.0	2.3	.3	.0												1870	1913	2057	1051
30/ 29	.6	2.0	2.5	1.8	.2													1450	1488	1850	1158
28/ 27	.4	1.5	2.3	1.2	.0													1136	1143	1642	1087
26/ 25	.2	1.5	2.6	.9	.0													1078	1095	1394	1230
24/ 23	.1	1.2	2.2	.3														775	786	1205	1177
22/ 21	.1	1.4	1.8	.2														701	706	1054	1160
20/ 19	.2	1.2	1.6	.0	.0													644	649	898	1012
18/ 17	.1	.9	1.0	.0														430	430	682	1112
16/ 15	.1	.9	.5															320	320	553	1105
14/ 13	.1	.8	.4															267	267	381	949
12/ 11	.1	.7	.1															195	196	299	942

Element (X)	$\Sigma x'$	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.												
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

13702 STATION — ANDREWS AFB WASHINGTON D C STATION NAME — 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	646
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	$\bar{X}$	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	95874011	1351367	65.4	19.040	20662							
Dry Bulb	28153852	738224	34.6	11.118	21360	.1	323.1	4.1	.3			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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL 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	.0								10	10		
72/ 71					.0	.0	.0	.0	.0		.0							10	10		
70/ 69				.0	.0	.0	.1	.0	.0	.0	.0							42	43		
68/ 67			.0	.0	.0	.1	.0	.0	.0	.0	.0							41	42		
66/ 65		.0		.1	.1	.0	.0	.0	.0	.0	.0							67	67	2	
64/ 63	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0								58	62	7	3
62/ 61		.0	.1	.1	.1	.0	.1	.1	.0	.0								90	101	15	5
60/ 59	.0	.1	.1	.2	.1	.1	.1	.1	.0	.0								175	179	65	12
58/ 57	.0	.2	.1	.1	.1	.2	.2	.1	.0	.0								196	199	114	35
56/ 55	.1	.4	.2	.2	.2	.4	.2	.2	.0									326	331	130	85
54/ 53	.1	.5	.3	.2	.3	.3	.3	.1	.0									375	379	195	122
52/ 51	.1	.3	.2	.2	.4	.3	.3	.0										333	339	227	189
50/ 49	.2	.4	.3	.3	.6	.5	.3	.0										517	526	259	193
48/ 47	.1	.5	.6	.6	.8	.6	.1	.0										667	681	309	186
46/ 45	.2	.6	.6	.9	1.0	.7	.1	.0										795	819	454	211
44/ 43	.5	.8	.8	1.1	1.2	.5	.1											951	967	628	302
42/ 41	.8	1.0	.8	1.6	1.4	.4	.1											1163	1182	825	422
40/ 39	.7	1.1	1.5	1.9	1.6	.3	.0											1357	1384	1039	550
38/ 37	.8	1.5	1.9	2.4	1.1	.1												1493	1520	1156	571
36/ 35	1.1	2.2	2.3	2.6	.8	.1												1735	1772	1564	796
34/ 33	1.0	2.6	2.5	2.1	.4	.0												1658	1674	1744	917
32/ 31	1.0	2.2	2.3	1.7	.4	.0												1440	1459	1994	1112
30/ 29	.6	2.0	2.5	1.4	.2													1286	1308	1762	1288
28/ 27	.3	1.5	2.0	1.1	.1													953	985	1372	1088
26/ 25	.4	1.6	1.9	.9	.0													920	940	1264	1229
24/ 23	.2	1.2	1.5	.4														634	649	997	1301
22/ 21	.1	.8	1.3	.3														480	466	819	1304
20/ 19	.1	.8	1.1	.1														410	410	625	1062
18/ 17	.1	.5	1.0	.0														288	288	469	1025
16/ 15	.1	.6	.7															258	258	327	812
14/ 13	.0	.4	.4															159	159	310	763

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.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL 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	498
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	$\bar{X}$	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.	86286852	1225856	64.0	20.155	19140							
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

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 | 44-72 YEARS | MAR 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
88/ 87										.0	.0	.0						5	5		
86/ 85									.0	.0	.0	.0						6	6		
84/ 83								.0	.0	.0	.0	.0	.0	.0				19	19		
82/ 81								.0	.0	.0		.0	.0					27	27		
80/ 79						.0	.0	.0	.0	.1	.0	.0						52	52		
78/ 77							.0	.1	.1	.1	.0	.0	.0					65	65		
76/ 75				.0		.0	.1	.1	.1	.1	.0	.1	.0					84	84		
74/ 73				.0	.0	.1	.1	.0	.1	.1	.0	.0						86	86		
72/ 71				.0	.0	.1	.1	.1	.1	.1	.1	.0						138	138		
70/ 69			.0	.0	.1	.2	.1	.1	.1	.1	.1	.0						188	188	11	
68/ 67		.0	.1	.1	.1	.1	.2	.1	.1	.1	.0							222	222	21	1
66/ 65		.1	.1	.2	.2	.2	.1	.1	.2	.1	.0							281	281	58	3
64/ 63	.0	.1	.2	.2	.3	.3	.2	.2	.2	.1								368	368	119	20
62/ 61	.0	.3	.2	.3	.2	.2	.3	.3	.1	.1	.0							400	400	210	65
60/ 59	.1	.4	.4	.3	.3	.3	.4	.3	.2	.0	.0							561	562	329	123
58/ 57	.1	.4	.3	.3	.4	.4	.5	.4	.2	.0								613	613	396	234
56/ 55	.1	.4	.3	.3	.4	.5	.6	.3	.1									641	641	447	302
54/ 53	.1	.4	.4	.4	.5	.7	.6	.3	.0									728	728	413	288
52/ 51	.1	.4	.4	.4	.7	.9	.6	.2	.0									805	805	521	342
50/ 49	.2	.6	.6	.6	.9	.9	.6	.1										966	966	656	326
48/ 47	.2	.7	.6	.9	1.3	1.0	.4	.1										1111	1111	765	480
46/ 45	.4	1.0	.8	1.6	1.5	.9	.2	.0										1374	1374	959	525
44/ 43	.5	1.3	1.1	1.7	1.5	.7	.1											1488	1489	1173	640
42/ 41	.8	1.6	1.2	1.9	1.5	.5	.0											1632	1634	1551	775
40/ 39	.8	1.8	1.7	2.2	1.6	.3												1797	1802	1808	910
38/ 37	.6	1.7	1.6	2.4	1.1	.1												1639	1642	1862	959
36/ 35	.8	2.0	1.9	2.0	.6	.0												1558	1558	2014	1131
34/ 33	.5	1.7	1.9	1.7	.3													1337	1337	1797	1399
32/ 31	.5	.9	1.8	1.4	.2													1042	1042	1791	1588
30/ 29	.1	.8	1.7	1.0	.1													796	797	1330	1453
28/ 27	.0	.8	1.3	.4	.0													537	538	1039	1173
26/ 25	.1	.6	.8	.2														374	375	944	1327
24/ 23	.1	.4	.6	.1														245	245	524	1353
22/ 21	.1	.2	.3	.0														116	117	348	1246

Element (X)	$\Sigma x'$	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.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
20/ 19	.0	.2	.1															82	92	183	1117
18/ 17	.0	.1	.1															49	49	114	890
16/ 15	.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/ -3																					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						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	91931066	1332864	62.1	20.651	21461							
Dry Bulb	43658472	936124	43.6	11.534	21478		113.4	30.9	11.9	2.6		744
Wet Bulb	33205712	818322	38.1	9.663	21462		220.2	1.1				744
Dew Point	22525615	645569	30.1	12.030	21460	2.1	448.5	.0				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 STATION | ANDREWS AFB WASHINGTON D C STATION NAME | 44-72 YEARS | APR MONTH

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

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				
94/ 93										.0								1	1		
92/ 91									.0	.0	.0	.0	.0					10	10		
90/ 89								.0		.0	.0	.0	.0	.0	.0			19	19		
88/ 87									.0	.1	.0	.0	.0	.0				41	41		
86/ 85					.0			.0	.0	.1	.1	.1	.1	.0				77	77		
84/ 83								.0	.1	.1	.1	.1	.1	.0				115	115		
82/ 81					.0	.0	.0	.1	.2	.2	.1	.1	.1	.0	.0			160	160		
80/ 79					.0	.0	.1	.1	.2	.2	.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												

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

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
26/ 25		.0	.0	.0														9	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			20728		20716	20715
																	20715				

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.	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	984936	47.5	8.911	20716		25.1	8.7	.3			720
Dew Point	35754143	820781	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 STATION | ANDREWS AFB WASHINGTON D C STATION NAME | 44-72 YEARS | MAY MONTH

 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
96/ 95													.0	.0					5	5		
94/ 93											.0	.0	.0						8	8		
92/ 91									.0	.0	.0	.0	.1						34	34		
90/ 89								.0	.0	.1	.1	.1	.0	.0	.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					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						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	.7	.5	.2	.0	.0							1363	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)	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.												
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 STATION NAME — 44-72 YEARS — MAY MONTH

PAGE 2 — ALL HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
28/ 27																					104
26/ 25																					101
24/ 23																					67
22/ 21																					34
20/ 19																					12
18/ 17																					13
16/ 15																					4
TOTAL	5,3	19.7	14,7	13.6	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	$\bar{X}$	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.	106436404	1445234	67,4	20,586	21457							
Dry Bulb	89512404	1369164	63,8	10,002	21457			284,4	144,8	53,0	,5	744
Wet Bulb	70592623	1218909	56,8	7,923	21456		,7	88,8	7,7			744
Dew Point	58736656	1102088	51,4	9,959	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 STATION — ANDREWS AFB WASHINGTON D C STATION NAME — 43-72 YEARS — JUN MONTH

PAGE 1 — ALL HOURS (L. S. T.)

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				
100/ 99										.0	.0			.0				7	7		
98/ 97									.0	.1	.0		.0					15	15		
96/ 95									.1	.1	.0	.0	.0	.0				55	55		
94/ 93					.0		.0	.1	.1	.1	.1	.0	.0					106	108		
92/ 91				.0	.0	.0	.1	.3	.3	.3	.2	.1	.0	.0				278	278		
90/ 89					.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	.0		580	580		
86/ 85			.0	.1	.2	.6	.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	.1	.3	.9	.9	.8	.5	.4	.4	.2	.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	.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							1796	1808	1856	1030
70/ 69	.6	2.6	2.0	1.4	1.1	.8	.5	.2	.1	.0								1890	1894	2391	1842
68/ 67	.6	2.4	1.7	1.3	1.0	.7	.4	.2	.0									1678	1683	2227	2068
66/ 65	.7	2.5	1.7	1.2	.7	.4	.3	.1	.0									1543	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	.6	.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																					96
38/ 37																					48
36/ 35																					26
34/ 33																					8

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												
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
32/ 31																					4
30/ 29																					1
26/ 25																					1
[illegible]																					
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	20457

Element (X)	$\Sigma x'$	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.	107570233	1436277	70.2	18.144	20458							
Dry Bulb	108746414	1482644	72.2	9.163	20540			520.7	331.9	160.4	6.5	720
Wet Bulb	87368973	1329779	65.0	[illegible].737	20457			322.0	94.1	3.9		720
Dew Point	77070401	1245229	60.9	7.887	20457		.3	199.[illegible]	25.3	.4		720

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13702 STATION — ANDREWS AFB WASHINGTON D C STATION NAME — 43-72 YEARS — JUL MONTH

PAGE 1 — ALL HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
102/101														.0	.0			3	3		
100/ 99											.0	.0	.0	.0	.0			14	14		
98/ 97										.0	.1	.0	.1	.0	.0			46	46		
96/ 95								.0	.0	.1	.1	.1	.0	.0	.0			95	95		
94/ 93							.0	.1	.2	.2	.2	.2	.1	.0				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	1.0	.9	.8	.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	1435	13	2
80/ 79		.1	.9	1.9	1.5	1.4	.9	.7	.7	.2	.1	.0	.0					1810	1858	174	9
78/ 77	.0	.5	1.6	1.9	1.3	1.0	.7	.0	.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							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												79	88	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																					81
44/ 43																					59
42/ 41																					44
40/ 39																					17
38/ 37																					6
36/ 35																					1

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.												
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

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PSYCHROMETRIC SUMMARY

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

PAGE 2 — ALL HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	1	2 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	25 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
TOTAL	5.2	13.3	13.9	11.4	9.7	8.0	6.6	5.2	3.7	2.1	1.0	.4	.1	.0			21477	22131	21477	21476

Element (X)	$\Sigma x'$	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.	1145432835	1520217	70.8	17.953	21476			674.4	483.0	241.8	12.5	744
Dry Bulb	1293.0407	1684891	76.1	7.621	22131			511.7	189.8	1.9		744
Wet Bulb	10224847[illegible]	1477676	68.8	5.198	21477			359.5	65.9	.2		744
Dew Point	91648920	1395902	65.0	6.537	21476							

USAFETAC FORM 0-26 5 (OL 4) 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 — AUG MONTH

 — ALL HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
100/ 99						.0								.0	.0	.0	.0	8	8		
98/ 97				.0	.0	.0	.0			.0	.0	.0	.0	.0	.0	.0		23	24		
96/ 95					.0	.0	.0		.0	.0	.1	.1	.0	.0				58	64		
94/ 93					.0	.0	.0	.0	.1	.1	.1	.1	.1	.0				116	132		
92/ 91			.0	.0	.0	.0	.1	.2	.4	.2	.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	.1	.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	15
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	576	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	.6	.3	.2	.0								2236	2317	2103	1175
72/ 71	.6	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	1962
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												205	205	695	1215
56/ 55	.0	.2	.2	.0		.0												96	96	421	1008
54/ 53	.0	.1	.1	.0	.0													41	41	212	755
52/ 51	.0	.0	.0		.0													14	14	113	632
50/ 49		.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	$\bar{X}$	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.												
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 STATION NAME | 43-71 YEARS | AUG MONTH

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

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				
TOTAL	3.8	20.1	18.8	13.9	10.6	9.3	7.8	6.4	4.4	2.7	1.3	.6	.2	.1	.0	.0	.0	20834	21514	20834	20834

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.	116513105	1514557	72.7	17.534	20833							
Dry Bulb	120780456	1603160	74.5	7.826	21514			637.1	429.1	194.0	7.9	744
Wet Bulb	96177054	1410510	67.7	5.723	20834			460.9	132.8	4.0		744
Dew Point	86705730	1336264	64.1	6.927	20834			325.6	58.4	1.6		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 STATION | ANDREWS AFB WASHINGTON D C STATION NAME | 43-71 YEARS | SEP 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		4	4		
98/ 97											.0	.0		.0	.0			12	12		
96/ 95									.0	.0	.1	.0	.0					19	19		
94/ 93								.0	.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	.3	.4	.2	.1	.1	.0		.0				273	273		
86/ 85				.0	.1	.4	.4	.3	.2	.1	.1		.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	.4	.3	.1	.1	.0						629	629	6	
80/ 79		.0	.3	.7	.6	.6	.6	.5	.3	.2	.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	1682
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		.1	.1	.0														26	26	83	412
40/ 39		.0	.0															15	15	42	270
38/ 37	.0	.0	.0															5	5	27	204
36/ 35																				7	138
34/ 33																					73

Element (X)	$\Sigma x'$	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.												
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

13703 STATION | ANDREWS AFB WASHINGTON D C STATION NAME | 43-71 YEARS | SEP 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			20838		20822
																		20820		20823	

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.	119053878	1528792	73.5	17.993	20809							
Dry Bulb	98588447	1419385	68.1	9.566	20838			411.2	230.0	87.8	2.2	720
Wet Bulb	81777198	1294278	62.2	7.992	20823			239.6	69.3	.5		720
Dew Point	72719044	1214956	58.3	9.367	20822		2.9	168.9	21.1	.1		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 STATION | ANDREWS AFB WASHINGTON D C STATION NAME | 43-71 YEARS | OCT 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	.0				43	43		
84/ 83						.0	.0	.1	.1	.0	.0	.0	.0					75	75		
82/ 81				.0	.0	.1	.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	1496	1312	905
60/ 59	.6	2.1	1.4	1.1	1.0	.8	.5	.4	.1	.0								1692	1695	1492	1101
58/ 57	.7	2.0	1.5	1.2	.9	.7	.5	.2	.0									1666	1666	1489	1148
56/ 55	.9	2.0	1.5	1.3	1.0	.7	.4	.1										1682	1683	1684	1281
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						
						≤ 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 (STATION NAME) 43-71 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
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	8.1	6.3	4.2	2.3	.9	.4	.2	.0	.0			21503	21524	21503	21503	

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.	117617482	1534926	71.4	19.345	21502							
Dry Bulb	73758157	1241343	57.7	10.034	21524		2.5	138.4	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

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

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 — ALL HOURS (L. S. T.)

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					
84/ 83							.0		.0	.0									4	4		
82/ 81							.0	.0		.0									6	6		
80/ 79						.0	.0	.0	.0										11	11		
78/ 77					.0	.0	.0	.0	.0										20	20		
76/ 75				.0	.1	.1	.0	.0	.0	.0	.0	.0							52	52		
74/ 73			.1	.0	.1	.0	.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	.2	.1	.1	.0								219	219	19	2
68/ 67	.0	.2	.2	.1	.1	.1	.1	.2	.1	.0									256	256	110	24
66/ 65	.1	.2	.2	.2	.2	.2	.2	.2	.1	.0	.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	.6	.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	$\bar{X}$	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.												
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 (STATION) ANDREWS AFB WASHINGTON D C (STATION NAME) 43-71 (YEARS) NOV (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
16/ 15		.0																5	5	18	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						20807	20833	20807	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	1405617	67.6	19.042	20807							
Dry Bulb	48041518	976436	46.9	10.453	20833		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) 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 — DEC 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
76/ 75								.0										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	.1	.1	.0	.0	.0	.0								68	68	10	3
64/ 63	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0							119	120	35	10
62/ 61	.0	.3	.2	.1	.1	.1	.0	.0	.0	.0								183	187	66	41
60/ 59	.1	.2	.3	.2	.1	.1	.1	.1	.0	.0								243	246	146	82
58/ 57	.2	.2	.2	.2	.1	.1	.1	.1	.0									262	272	181	123
56/ 55	.2	.3	.3	.2	.2	.2	.2	.1	.0									352	357	216	146
54/ 53	.1	.4	.3	.2	.3	.3	.2	.1	.0									397	400	251	207
52/ 51	.3	.5	.3	.2	.3	.3	.2	.1	.0									449	460	318	216
50/ 49	.2	.6	.4	.5	.6	.3	.2	.0	.0									612	630	333	260
48/ 47	.3	1.0	.5	.6	.8	.4	.1	.0										799	804	409	311
46/ 45	.4	1.2	.6	1.1	.8	.4	.1	.0										986	990	628	388
44/ 43	.6	1.1	.9	1.1	.8	.4	.1											1055	1066	798	522
42/ 41	.6	1.5	1.2	1.4	1.0	.3	.0											1280	1288	920	518
40/ 39	.7	1.5	1.9	1.9	1.4	.3	.0											1615	1624	1242	621
38/ 37	.4	1.5	2.2	2.6	.9	.1												1629	1640	1256	649
36/ 35	.7	1.9	2.6	2.5	.8	.0												1811	1829	1497	836
34/ 33	.5	2.5	2.6	2.0	.4	.0												1695	1705	1767	1019
32/ 31	.7	2.0	2.7	1.9	.3	.0												1600	1627	2143	1219
30/ 29	.3	1.9	2.9	1.6	.2													1482	1523	1765	1253
28/ 27	.2	1.7	2.5	.9	.0													1125	1144	1633	1114
26/ 25	.2	1.7	2.1	.7	.0													1004	1007	1501	1357
24/ 23	.1	1.3	1.6	.3														695	699	1222	1337
22/ 21	.1	1.2	1.5	.1														627	631	901	1393
20/ 19	.1	1.0	1.0	.1														449	452	731	1180
18/ 17	.0	.6	.6	.0														257	264	542	1151
16/ 15	.0	.4	.3															164	171	332	1155
14/ 13	.0	.3	.2															100	112	191	943
12/ 11	.0	.2	.0															59	61	124	776
10/ 9	.0	.1	.0															26	26	67	548

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.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 70 6A 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 | DEC MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
8/ 7	.0		.0															6	6	29	459
6/ 5																				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	21516	21256	21255

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.	100122534	1403380	66.0	18.734	21254							
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

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 | 44-72 YEARS | JAN 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				.1														2	2		
68/ 67				.0	.0													2	2		
66/ 65				.0														1	1		
64/ 63		.2	.1	.1														9	9	3	
62/ 61		.1	.1		.0													6	6	6	2
60/ 59	.1	.1	.4	.2	.2													26	26	8	8
58/ 57	.1	.2	.2	.3														19	19	15	8
56/ 55		.2	.2	.2	.0	.1												17	20	13	12
54/ 53	.1	.4	.3	.3	.0	.1	.0											37	39	20	10
52/ 51		.5	.3	.0	.2	.0	.0											28	35	33	14
50/ 49	.2	.7	.2	.1		.1												35	38	31	33
48/ 47	.2	.5	.6	.3	.2	.1												50	50	39	30
46/ 45	.3	.4	.5	.6	.5	.2												68	69	34	41
44/ 43	.4	1.1	1.0	.6	.3	.0												90	98	52	38
42/ 41	.3	1.1	.9	.6	.3													85	93	65	35
40/ 39	1.1	1.5	1.3	1.5	.5													153	161	110	74
38/ 37	1.0	1.3	1.7	1.4	.4													149	163	117	74
36/ 35	1.0	2.2	3.0	1.5	.2													206	217	145	89
34/ 33	.7	2.7	4.9	1.5	.3	.0												211	214	184	104
32/ 31	1.3	3.1	4.6	1.9	.2													287	288	237	125
30/ 29	.7	3.1	2.7	1.0	.2													197	203	230	155
28/ 27	.5	2.2	3.2	.6														168	171	243	142
26/ 25	.4	2.3	3.6	.6														179	183	181	154
24/ 23	.1	1.8	2.1	.2														109	111	167	146
22/ 21	.2	1.6	1.7															91	91	173	157
20/ 19	.2	1.3	2.6															107	107	97	133
18/ 17	.2	1.3	1.3															72	72	97	133
16/ 15	.2	1.5	.9															66	66	90	144
14/ 13	.2	1.1	.2															40	40	79	131
12/ 11	.1	.9	.0															27	27	47	101
10/ 9	.1	1.0	.0															30	30	26	86
8/ 7		.4																10	10	26	80
6/ 5	.1	.1																4	4	11	72
4/ 3	.0	.1																3	3	4	62

Element (X)	$\Sigma X'$	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.												
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 (STATION NAME) 44-72 (YEARS) JAN (MONTH)

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

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

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.	13222295	179357	69.4	17.400	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 (OL A) 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 — 44-72 YEARS — JAN MONTH

PART 1 — 0300-0500 HOURS (L.S.T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
64/ 63		.0	.0			.0												3	3		
62/ 61	.1	.2		.1														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	38	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												159	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	216	144	88
32/ 31	1.2	2.8	3.5	1.4	.2													235	244	234	129
30/ 29	.9	3.4	3.0	1.3	.1													224	232	235	138
28/ 27	.6	2.9	2.1	.4														153	153	231	140
26/ 25	.4	2.7	3.5	.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 ≤ 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 STATION NAME — 44-72 YEARS — JAN MONTH

PAGE 2 — 0300-0500 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL 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									2572	2665		2572	
																	2572		2572		

Element (X)	$\Sigma X'$	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.	13698558	182472	70.9	17.114	2572							
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	13.560	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 STATION — ANDREWS AFB WASHINGTON D C STATION NAME — 44-72 YEARS — JAN MONTH

PAGE 1 — 0600-0800 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL 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	.3	.2															13	15	13	10
54/ 53	.1	.7	.1	.0	.1	.0												26	30	25	16
52/ 51	.2	.3	.4	.0	.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	.0												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	1.6	.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	116
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	$\bar{X}$	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.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 2 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 | 44-72 YEARS | JAN MONTH

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

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

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.	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

USAFETAC FORM 11-26-5 (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 — 44-72 YEARS — JAN 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
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											48	51	28	23
50/ 49	.2	.4	.3	.3	.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	1.3	.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												180	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	139
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)	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 - 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 — JAN 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.	225.	832.	324.	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						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	11763166	167588	64.7	18.882	2591							
Dry Bulb	3524118	92940	34.8	10.465	2673		38.3	.1				93
Wet Bulb	2731754	79976	30.9	10.080	2591		55.9					93
Dew Point	1662567	59755	23.1	13.677	2591	3.9	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 STATION — ANDREWS AFB WASHINGTON D C STATION NAME — 44-72 YEARS — 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	.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	62
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)	$\Sigma X'$	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.												
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 STATION NAME — 44-72 YEARS — JAN MONTH

PAGE 2 — 1200-1400 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	TOTAL D.B 'W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL 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
																		2578		2578	

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.	9561440	148500	57.6	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

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) 44-72 (YEARS) JAN (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75							.1											2	2		
74/ 73						.1	.0											3	3		
72/ 71					.1	.1	.0	.2										11	11		
70/ 69					.0	.2	.1	.0		.0								9	11		
68/ 67					.2	.2	.2	.1	.0									18	19		
66/ 65			.1	.0	.2	.2	.2	.0			.0							20	20	1	
64/ 63		.2	.1	.1	.1	.2	.2											20	22	8	
62/ 61		.2	.1	.2	.1	.2	.2		.0									22	23	12	2
60/ 59		.1	.2	.4	.3	.3	.2	.1	.0									43	45	20	12
58/ 57		.3	.2	.1	.2	.3	.3	.1	.1									37	43	24	8
56/ 55		.1	.1	.1	.3	.4	.4	.2										41	46	36	24
54/ 53		.1	.1	.3	.3	.5	.3	.1	.0									46	53	24	15
52/ 51	.1	.4	.2	.2	.5	.7	.5	.3										74	78	35	16
50/ 49	.3	.6	.3	.7	.8	.5	.4	.1										99	104	36	40
48/ 47	.3	.5	.4	.8	1.2	.7	.2											110	112	59	43
46/ 45	.1	.6	1.0	1.2	1.7	1.0	.3		.0									151	157	72	24
44/ 43	.3	.8	.9	1.7	2.3	.8	.2											180	187	101	49
42/ 41	.2	1.1	1.2	1.6	2.2	.8	.1											188	190	128	51
40/ 39	.6	.9	1.5	2.3	2.4	.7												223	232	165	79
38/ 37	.4	1.3	1.3	2.9	1.9	.2												204	208	208	58
36/ 35	.7	1.5	2.1	3.2	1.4	.1												234	244	217	133
34/ 33	.7	1.1	1.8	2.2	1.4	.0												189	191	249	135
32/ 31	.4	1.1	1.0	2.4	.8													148	150	264	137
30/ 29	.3	.4	1.3	2.4	.3													122	124	218	133
28/ 27	.3	.5	1.2	1.5	.1													94	95	139	149
26/ 25	.1	.4	1.3	1.2														78	79	140	173
24/ 23	.0	.3	1.5	.7														65	65	117	156
22/ 21	.0	.8	1.2	.4														65	63	100	149
20/ 19		.5	.9	.0														37	37	77	109
18/ 17	.1	.1	.5															17	17	61	124
16/ 15	.0	.2	.4															18	18	30	124
14/ 13	.2	.1	.0															8	8	22	93
12/ 11	.1	.2																7	7	18	130
10/ 9		.2																5	5	2	88

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.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

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 2 — 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL 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	$\bar{X}$	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.	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					93
Dew Point	1977462	62612	24.2	13.373	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

13702 STATION | ANDREWS AFB WASHINGTON D C STATION NAME | 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 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				
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													18	19	9	1
60/ 59	.0	.1	.3	.2	.3	.1												26	28	15	9
58/ 57	.0	.3	.2	.2	.3	.0												25	28	18	6
56/ 55		.3	.1	.2	.2		.0											20	22	24	24
54/ 53		.3	.2	.2	.1	.2	.1											27	31	24	15
52/ 51	.0	.2	.4	.2	.2	.3	.0											38	41	26	14
50/ 49	.3	.5	.2	.3	.5	.2	.2											57	61	29	20
48/ 47	.5	.5	.7	.3	.5	.2	.1											74	81	45	40
46/ 45	.2	.7	.6	1.1	.8	.4	.2											102	113	40	36
44/ 43	.3	1.4	1.2	1.5	.5	.3	.1											135	142	65	38
42/ 41	.5	1.1	1.1	1.8	.8	.2												145	148	97	50
40/ 39	.8	1.2	2.3	1.5	1.0	.3	.0											164	193	143	84
38/ 37	.2	1.1	1.6	2.9	.7	.0												168	174	149	54
36/ 35	1.1	1.7	2.7	2.7	.8	.1												233	238	186	98
34/ 33	.8	2.6	2.9	3.2	.3													253	261	189	125
32/ 31	1.0	2.3	3.4	2.9	.4													261	267	275	148
30/ 29	.4	1.4	2.8	2.6	.3													192	194	241	140
28/ 27	.3	1.1	2.2	1.7														137	137	236	142
26/ 25	.1	1.0	2.2	1.2														117	120	179	168
24/ 23		.6	1.4	.2														59	59	149	162
22/ 21	.0	1.0	2.0	.3														86	86	108	132
20/ 19	.1	.9	1.8	.0	.0													75	75	104	118
18/ 17	.0	.5	1.0															42	42	74	125
16/ 15	.1	.6	.4															28	28	66	138
14/ 13	.1	.4	.4															24	24	36	125
12/ 11	.1	.4	.1															15	15	29	144
10/ 9	.0	.3	.1															12	12	17	68
8/ 7		.2																4	4	6	69
6/ 5		.0																1	1	8	84
4/ 3																					59

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.												
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 (STATION NAME) 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	7.3	22.7	32.7	25.5	8.4	2.7	.8												2675		2588
																		2589		2589	

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.	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 (STATION) ANDREWS AFB WASHINGTON D C (STATION NAME) 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														10	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	46
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) 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 — 44-72 YEARS — JAN MONTH

PAGE 2 — 2100-2300 HOURS (L. S. T.)

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

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.	12515904	173794	67,2	17,938	2585							
Dry Bulb	3293510	89470	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 201 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 (STATION) ANDREWS AFB WASHINGTON D C (STATION NAME) 44-72 (YEARS) FEB (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Poin
64/ 63				.1														2	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	.0											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	.3	1.0	.8	1.2	.9	.0												114	115	85	39
40/ 39	.8	1.1	1.6	1.2	.8													137	135	95	58
38/ 37	1.1	2.0	2.7	2.1	.5													201	203	103	68
36/ 35	1.0	3.2	2.8	1.8	.5													224	229	169	98
34/ 33	1.1	3.6	3.3	2.1														241	241	216	108
32/ 31	.8	2.6	3.7	1.3	.0													207	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	.5														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															43	43	59	104
14/ 13	.1	.6	.5															29	29	43	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)	$\Sigma X'$	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												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM JUL 64 0-26-5 (01 A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

PAGE 2 — 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-4/ -5																					26
-6/ -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_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum	12185115	165195	69.1	17.865	2389							
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 (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) 44-72 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
62/ 61			.1															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													150	151	97	73
36/ 35	1.3	3.8	2.4	2.0	.3													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

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.												
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 (STATION NAME) 44-72 (YEARS) FEB (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-6/ -7																					15
-8/ -9																					8
-10/-11																					5
-12/-15																					1
TOTAL	10.4	39.1	33.0	13.2	3.6	.6		.1										2439			2391
																	2392		2392		

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.	12636675	168715	70.5	17.553	2392							
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 C-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 | 44-72 YEARS | FEB MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
64/ 63				.0	.													1	1		
62/ 61		.0	.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	14
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	.8	.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	64
36/ 35	2.0	2.6	2.5	2.4	.4													236	247	136	81
34/ 33	1.6	3.9	3.0	1.3														233	233	194	127
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	245	167
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	139
22/ 21	.2	2.0	2.1															101	104	137	169
20/ 19	.3	1.6	1.5	.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															35	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																12	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.	Mo. 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

13709 STATION | ANDREWS AFB WASHINGTON D C STATION NAME | 44-72 YEARS | FEB 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												2387	2437	2387	2387

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.	12738432	169304	70.9	17.493	2387							
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 (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 | 44-72 YEARS | FEB 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
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									48	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	165	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															32	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						
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

13765 (STATION) ANDREWS AFB WASHINGTON D C (STATION NAME) 44-72 (YEARS) FEB (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	46
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	2438	2396	2396

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.	10313759	149837	62.5	19.848	2396							
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

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 STATION — ANDREWS AFB WASHINGTON D C STATION NAME — 44-72 YEARS — FEB 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	.0									2	2		
74/ 73							.0	.1	.0									5	5		
72/ 71						.1	.0	.0										4	4		
70/ 69				.0	.0	.1	.2	.1	.2		.0							18	16		
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	.6	.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	129
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	$\bar{X}$	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												
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 STATION NAME — 44-72 YEARS — FEB MONTH

PAGE 2 — 1200-1400 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
8/ 7																				3	54
6/ 5																					55
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 ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	8531298	134030	55.9	20.830	2398							
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

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 — 44-72 YEARS — FEB MONTH

PAGE 1 — 1500-1700 HOURS (L S T)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
80/ 79												.0						1	1		
78/ 77										.0								1	1		
76/ 75									.1			.0						3	3		
74/ 73						.1	.0	.0		.0								5	5		
72/ 71					.0			.1	.0									4	4		
70/ 69				.0	.0	.1	.3	.2	.1	.0	.1							23	24		
68/ 67					.1	.2	.1	.1	.1		.0							15	16		
66/ 65				.3	.2	.0	.2	.1	.0	.0	.0							22	26	1	
64/ 63	.0	.0	.1	.1		.0	.0	.2	.0	.0								17	17	4	
62/ 61		.0	.1	.2	.1	.1	.2	.2	.2	.0								27	27	4	3
60/ 59	.0	.3	.0	.1	.0	.3	.5	.2	.2									40	40	27	4
58/ 57		.1	.1	.0	.2	.6	.5	.3	.2									50	51	29	7
56/ 55	.0	.6	.3	.3	.5	1.0	.5	.0										87	89	17	17
54/ 53	.0	.4	.3	.1	.4	.5	.9	.4										73	73	37	26
52/ 51	.1	.3	.1	.4	.9	.5	.9	.1										76	76	31	24
50/ 49	.1	.2	.4	.4	1.2	1.4	1.0	.3										110	123	47	23
48/ 47	.2	.4	.9	.8	1.6	1.5	.5	.1										140	143	67	29
46/ 45	.1	.6	.4	1.5	2.5	1.5	.5	.0										171	173	97	27
44/ 43	.5	.8	.7	1.4	2.2	1.2	.4											173	174	126	46
42/ 41	.7	.7	.8	2.1	2.6	1.3	.3											203	209	149	60
40/ 39	.2	.8	1.2	2.1	2.8	1.1	.0											198	203	179	76
38/ 37	.5	1.4	.7	2.7	2.0	.3												182	184	217	77
36/ 35	.8	1.2	1.5	2.0	1.2	.1												161	162	238	119
34/ 33	.8	1.3	.8	1.8	1.1	.0												138	141	217	121
32/ 31	.7	1.4	.5	2.3	.9	.1												143	147	249	147
30/ 29	.4	.8	.8	1.2	.5													87	88	177	147
28/ 27	.3	.3	.5	2.0	.1													74	74	113	140
26/ 25	.3	.4	.6	1.2	.0													61	61	114	167
24/ 23	.1	.2	.4	.5														27	27	73	165
22/ 21	.1	.3	.3	.5														28	28	75	157
20/ 19	.1	.2	.4	.1														20	20	41	133
18/ 17		.0	.3	.1														10	10	29	110
16/ 15		.1	.4															12	12	14	99
14/ 13																				15	73

Element (X)	$\Sigma X'$	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.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 84 — REVISED PREVIOUS EDITION IS 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 | FEB MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
12/ 11		.0	.1		.													3	3	4	73
10/ 9																				3	52
8/ 7																					54
6/ 5																					45
4/ 3																					40
2/ 1																					35
0/ -1																					38
-2/ -3																					28
-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	21.2	12.1	6.7	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	55.1	21.492	2394							
Dry Bulb	4510451	101525	41.7	10.677	2435		16.2	1.9	.3			84
Wet Bulb	3228374	85128	35.6	9.177	2394		31.8					84
Dew Point	1913431	60019	25.1	13.069	2394	3.4	60.9					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 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	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 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		
68/ 67			.0	.1		.0	.0	.0	.0	.0								8	8		
66/ 65				.1		.1	.0		.0	.0								8	8	1	
64/ 63				.1	.0	.1	.0	.1		.1								11	14		1
62/ 61		.0	.1	.1	.1	.0	.1											11	12	2	
60/ 59	.0	.1	.2	.2	.1	.1		.0										18	18	6	2
58/ 57	.2	.3	.3	.3	.0	.1	.2	.0										33	33	16	12
56/ 55	.0	.5	.2		.3	.4	.3	.1										40	40	21	8
54/ 53		.5	.5	.3	.4	.3	.1	.1										51	52	28	14
52/ 51	.0	.3	.3	.1	.6	.2	.3											43	44	33	28
50/ 49	.1	.5	.3	.5	.9	.5	.2											72	74	27	21
48/ 47	.1	.6	.5	.9	.9	.8	.1											94	95	43	25
46/ 45	.3	.7	.8	1.1	.7	1.0	.0											110	113	66	40
44/ 43	.6	.7	1.0	1.5	1.4	.7	.1											142	145	89	34
42/ 41	1.1	1.1	.8	2.3	1.8	.2	.0											175	178	121	60
40/ 39	.4	1.3	1.8	3.0	1.5	.4												199	202	133	63
38/ 37	.7	1.3	2.2	3.7	1.4	.4												230	234	152	73
36/ 35	1.0	1.8	2.6	4.0	1.1	.1												256	259	234	115
34/ 33	.6	1.4	2.1	2.5	.4	.1												177	180	232	106
32/ 31	.9	1.8	2.4	1.6	.5													171	175	253	150
30/ 29	.6	1.1	2.5	2.3	.3													164	167	247	157
28/ 27	.3	.6	1.7	1.1														87	92	164	122
26/ 25	.3	.9	1.6	1.3														100	100	128	175
24/ 23	.1	.5	1.1	1.0														63	63	130	186
22/ 21		.2	1.0	.4														39	39	72	150
20/ 19	.1	.5	.8	.0														33	33	64	156
18/ 17	.1	.2	.7															24	24	57	106
16/ 15		.3	.3															14	14	28	87
14/ 13		.2	.4															14	14	23	93
12/ 11		.1																3	3	11	76
10/ 9																				10	59
8/ 7																					51
6/ 5																					41
4/ 3																					50

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.												
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 STATION NAME — 44-72 YEARS — E,F MONTH

PAGE 2 — 1800-2000 HOURS (L. S. T.)

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

Element (X)	$\Sigma X'$	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.	10114512	148000	61.9	19.974	2391							
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 FEB
STATION STATION NAME YEARS MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL DB WB.	TOTAL Dry Bulb	Wet Bulb	Dew Point
68/ 67						.0												1	1		
66/ 65				.1	.0	.0												4	4		
64/ 63				.0		.1												3	3		
62/ 61		.0		.1	.0	.0		.1	.0									10	13		
60/ 59	.1	.3	.2	.1		.2	.0	.1										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	.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	.8	.9	.8	.3												84	90	39	24
44/ 43	.8	.9	1.0	1.0	.8	.3												116	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	.2												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												213	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													124	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	56	80	138
18/ 17		.3	.9															29	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)	$\Sigma X'$	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.												
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 STATION NAME | 44-72 YEARS | FEB MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
0/ -1																					39
-2/ -3																					27
-4/ -5																					14
-6/ -7																					13
-8/ -9																					4
-10/-11																					1
TOTAL	9	225	533	320	708	232	60	30	0									2393	2437	2393	2393

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	11396402	158892	66.4	18.808	2393							
Dry Bulb	3219091	85397	35.0	9.645	2437		32.6	.0				24
Wet Bulb	2557234	72116	31.4	9.129	2393		48.2					24
Dew Point	1759026	57664	24.1	12.429	2393	2.4	64.0					24

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) 44-72 (YEARS) MAR (MONTH)

PAGE 1 0000-0300 (HOURS (L. S. T.))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL 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										55	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	253	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	26	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 ≤ 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 STATION NAME | 44-72 YEARS | MAR MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL 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			2684
																		2684		2684	

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	13472777	184185	68.6	17.624	2684							
Dry Bulb	4526074	107142	39.9	9.751	2688		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

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 — 44-72 YEARS — MAP MONTH

PAGE 1 — 0300-0500 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL 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												16	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	2.1	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)	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.												
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 STATION NAME — 44-72 YEARS — MAR MONTH

PAGE 2 — 0300-0500 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
4/ 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)	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.	14367892	191116	71.3	16.717	2682							
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

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 — 44-72 YEARS — JAN MONTH

PAGE 1 — 0600-2800 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
74/ 73					.0													1	1		
72/ 71						.0												1	1		
70/ 69					.1													4	4		
68/ 67			.1	.1	.1													8	8		
66/ 65		.1	.1	.2	.0													11	11	2	
64/ 63		.0		.3	.1	.1												13	13	5	2
62/ 61	.0	.3	.2	.3	.2	.1												30	30	15	6
60/ 59		.7	.4	.2	.2													40	40	22	11
58/ 57	.2	.5	.2	.2	.4	.0	.1											46	46	35	28
56/ 55	.1	.7	.3	.2	.1	.1												45	45	41	36
54/ 53	.1	.4	.9	.2	.4	.2												62	62	40	41
52/ 51	.1	.4	.6	.4	.3	.1	.0											52	52	36	27
50/ 49	.3	.8	.6	.6	.6	.2	.0											86	86	58	28
48/ 47	.4	.8	1.0	.6	.6	.1												94	94	54	58
46/ 45	.5	1.0	.7	1.2	.7	.0	.1											115	115	83	77
44/ 43	.6	1.3	1.6	1.3	.8	.2												154	155	94	62
42/ 41	1.2	1.7	1.4	1.9	.7	.1												188	189	138	89
40/ 39	1.2	2.4	2.5	2.7	.8	.1												261	262	183	98
38/ 37	1.0	2.5	2.8	2.1	.3													232	232	192	125
36/ 35	.9	2.5	2.6	2.6	.2													237	237	258	129
34/ 33	.9	2.7	3.7	1.9	.1													248	248	249	183
32/ 31	.8	1.7	3.0	1.9	.1													204	204	238	215
30/ 29	.1	2.0	3.1	1.5	.1													179	179	225	170
28/ 27	.0	1.4	2.2	.9														119	120	192	129
26/ 25	.0	1.4	1.7	.3														92	92	174	165
24/ 23	.1	.8	1.5	.0														65	65	126	156
22/ 21	.0	.6	.4	.0														30	30	85	160
20/ 19		.5	.3															23	23	44	119
18/ 17	.1	.6	.1															21	21	36	130
16/ 15	.1	.3	.1															14	14	20	123
14/ 13		.0																1	1	10	97
12/ 11		.0																1	1	1	61
10/ 9																				1	53
8/ 7																					40

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.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0 26 5 (OL A) 7 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) 44-72 (YEARS) MAR (MONTH)

PAGE 2 0600-0800 HOURS (L S T)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21	22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
6/ 5																						22
4/ 3																						21
2/ 1																						9
0/ -1																						6
-2/ -3																						1
TOTAL	8.9	28.4	32.0	21.7	7.3	1.5	.3												2681			2677
																		2677		2677		

Element (X)	$\Sigma X'$	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.	14145825	189199	70.7	17.007	2677							
Dry Bulb	4195933	102773	38.3	9.778	2681		26.0	.5	.0			93
Wet Bulb	3508379	93499	34.9	9.525	2677		40.0					93
Dew Point	2660181	77807	29.1	12.207	2677	.2	58.3					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 STATION | ANDREWS AFB WASHINGTON D C STATION NAME | 44-72 YEARS | 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	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83								.0	.0									2	2		
82/ 81									.0	.0								2	2		
80/ 79						.0	.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				.1	.1	.1	.3	.0		.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									81	81	41	17
58/ 57		.3	.3	.2	.4	.3	.6	.3										65	65	54	30
56/ 55		.5	.7	.3	.7	.4	.7	.3	.0									85	85	61	33
54/ 53	.1	.4	.3	.3	.6	.9	.7	.1										94	94	50	49
52/ 51	.1	.3	.3	.8	.8	1.2	.6	.2										116	116	63	46
50/ 49	.1	.5	.8	.8	1.5	1.5	.6	.1										158	158	79	44
48/ 47	.0	.7	.4	1.3	1.7	1.3	.4											160	160	106	50
46/ 45	.5	.9	.6	1.6	2.2	1.0	.1											186	186	124	63
44/ 43	.6	1.4	1.0	1.6	2.3	1.0	.1											214	214	157	74
42/ 41	.6	1.5	1.0	2.0	2.3	.7												217	217	207	104
40/ 39	.6	1.7	1.3	2.4	2.2	.3												231	231	246	127
38/ 37	.3	1.5	1.4	3.1	1.4	.1												209	209	238	117
36/ 35	.5	1.9	1.5	2.0	1.2													190	190	282	133
34/ 33	.3	1.2	1.3	1.6	.7													134	134	202	170
32/ 31	.3	.3	1.5	1.7	.2													108	108	237	192
30/ 29	.1	.4	.8	1.2	.1													70	70	147	176
28/ 27		.4	.7	.4														41	41	116	140
26/ 25	.1	.2	.6	.2														22	29	98	175
24/ 23	.1	.3	.4	.1														24	24	51	174
22/ 21		.3	.4															17	17	33	171
20/ 19		.2	.1															8	8	24	131
18/ 17																				11	94

Element (X)	$\Sigma X'$	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.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) JUL 84 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 — MAR MONTH

PAGE 2 — 0900-1100 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL 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	2688	2687

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	10624096	160348	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	81092	30.2	12.211	2687	.2	55.9					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 ANDREWS AFB WASHINGTON D C 44-72 MAR
STATION STATION NAME YEARS MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87										.1		.0						3	3		
86/ 85									.0	.0	.0	.0						4	4		
84/ 83								.0	.1		.0	.1						6	6		
82/ 81									.1	.1		.1	.1					10	10		
80/ 79							.1	.1	.1	.1	.1	.1						19	19		
78/ 77							.0	.2	.2	.3	.1	.1						23	23		
76/ 75				.0			.1	.1	.2	.2		.3						27	27		
74/ 73				.0	.1	.1	.1	.1	.1	.2	.1	.1						27	27		
72/ 71					.0	.3	.3	.4	.3	.3	.1	.0						44	44		
70/ 69				.1	.2	.4	.3	.5	.3	.4	.1							62	62	6	
68/ 67			.1	.1	.3	.3	.4	.3	.5	.4	.1							70	70	8	
66/ 65			.1	.0	.5	.1	.2	.4	.5	.4	.0							60	60	17	1
64/ 63	.1	.1	.1	.4	.2	.5	.3	.5	.3	.3								77	77	28	3
62/ 61	.0	.1	.2	.2	.3	.1	.7	.7	.4	.5								75	75	47	15
60/ 59	.0	.2	.1	.2	.4	.3	.7	.6	.5	.0								85	85	69	22
58/ 57	.1	.0	.3	.1	.3	.6	1.0	1.0	.5									105	105	71	23
56/ 55		.4	.1	.2	.4	1.0	1.0	1.0	.1									111	111	63	42
54/ 53		.3	.3	.4	.7	1.1	1.4	.7	.1									133	133	77	42
52/ 51	.1	.3	.3	.3	1.0	1.8	1.5	.3	.0									153	153	87	63
50/ 49	.3	.4	.7	.6	1.0	1.8	1.4	.4										174	174	113	49
48/ 47	.2	.8	.3	.6	1.6	2.2	.9	.2										182	182	137	63
46/ 45	.3	1.2	.6	1.2	2.1	1.6	.4											197	197	152	81
44/ 43	.3	1.2	.6	1.3	1.9	1.6	.3											193	193	202	86
42/ 41	.3	1.0	.7	1.3	2.2	.8	.1											173	173	239	89
40/ 39	.6	1.1	.6	1.5	2.8	.5												191	191	236	104
38/ 37	.4	1.0	.6	1.8	1.5	.2												144	144	261	134
36/ 35	.3	1.4	1.0	.9	1.0	.1												128	128	227	133
34/ 33	.2	.9	.4	.7	.3													70	70	195	169
32/ 31	.3	.4	.6	.6	.2													57	57	196	161
30/ 29	.1	.2	.3	.4	.1													32	32	99	170
28/ 27	.0	.1	.4	.3	.0													27	27	56	139
26/ 25	.0	.1	.1	.1														13	13	48	164
24/ 23	.1	.1	.2	.0														10	10	28	178
22/ 21																				16	157

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.												
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 (STATION NAME) 44-72 (YEARS) MAR (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 22	23 - 24	25 - 26	27 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
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)	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	8543467	140271	52.3	21.260	2684							
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					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 (STATION) ANDREWS AFB WASHINGTON D C (STATION NAME) 44-72 (YEARS) MAR (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87											.0	.0						2	2		
86/ 85										.0	.0							2	2		
84/ 83									.1	.0	.1	.0	.1	.0				11	11		
82/ 81								.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					28	28		
76/ 75							.2	.3	.2	.2	.1	.2	.1					32	32		
74/ 73				.0		.1	.1	.1	.2	.1	.2	.1						26	26		
72/ 71					.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	.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	186
30/ 29	.1		.5	.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)	$\Sigma x'$	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												
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 STATION NAME — 44-72 YEARS — MAR MONTH

PAGE 2 — 1500-1700 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 4	5 - 6	7 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
20/ 19																			2	152
18/ 17																			1	108
16/ 15																				100
14/ 13																				72
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				2685		2684
																	2684		2684	

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	8201584	136316	50.8	21.828	2684							
Dry Bulb	7264154	135824	50.6	12.106	2685		3.4	10.3	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 STATION — ANDREWS AFB WASHINGTON D C STATION NAME — 44-72 YEARS — MAR MONTH

PAGE 1 — 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
82/ 81									.0									1	1		
80/ 79							.0		.1									3	3		
78/ 77							.0	.1	.1	.1	.0							8	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							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								26	26	3	1
66/ 65		.1	.1	.1	.4	.3	.1	.3	.3	.0								47	47	5	
64/ 63		.1	.2	.2	.1	.4	.4	.2	.2	.0								54	54	20	2
62/ 61		.4	.3	.3	.3	.3	.2	.4	.1	.1								60	60	30	6
60/ 59	.0	.3	.5	.3	.4	.3	.4	.6	.2	.0								86	86	37	25
58/ 57	.0	.4	.2	.6	.5	.4	.7	.5	.1	.1								96	96	42	14
56/ 55	.1	.2	.5	.6	.5	.4	1.0	.3	.1									99	99	73	44
54/ 53	.0	.3	.3	.4	.6	.9	.8	.3										101	101	56	35
52/ 51	.1	.1	.7	.7	.8	1.5	.5	.0										122	122	82	44
50/ 49	.2	.6	.4	.9	1.8	1.3	.9	.1										166	166	89	41
48/ 47	.1	.4	.5	1.1	1.9	1.2	.4	.1										153	153	102	70
46/ 45	.4	1.1	1.0	2.2	1.7	1.6	.3	.0										220	220	142	74
44/ 43	.4	1.3	1.0	1.8	2.5	.9	.2											213	213	169	88
42/ 41	.8	1.8	.9	2.6	2.0	.9	.1											244	244	251	103
40/ 39	.7	1.2	1.6	2.0	2.0	.7												220	220	255	124
38/ 37	.3	1.0	.9	2.5	1.9	.1												180	180	243	117
36/ 35	.6	1.2	1.7	1.9	1.0	.1												173	173	255	140
34/ 33	.5	.9	1.1	2.2	.5													139	139	219	175
32/ 31	.5	.6	.7	1.2	.4													89	89	209	207
30/ 29	.2	.3	.7	.4	.1													48	48	169	176
28/ 27	.0	.2	.3	.4														26	26	101	165
26/ 25	.1	.2	.2	.3														19	20	62	180
24/ 23	.2	.1	.1															10	10	32	151
22/ 21	.1	.0	.0															5	6	26	141
20/ 19	.0	.0	.1															4	4	5	143
18/ 17																				2	114
16/ 15																				2	86

Element (X)	$\Sigma x'$	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												
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 STATION NAME | 44-72 YEARS | MAR MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
14/ 13																					74
12/ 11																					50
10/ 9																					35
8/ 7																					20
6/ 5																					12
4/ 3																					6
2/ 1																					3
0/ -1																					5
-2/ -3																					2
-4/ -5																					1
-6/ -7																					1
TOTAL	5.6	12.8	14.2	22.9	19.3	12.1	6.9	3.6	1.6	.6	.2							2681	2681	2681	
																	2681		2681		

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	10277446	156794	58.5	20.329	2681							
Dry Bulb	5907780	122686	45.7	10.536	2683		7.0	3.7	1.4	.0		93
Wet Bulb	4408282	106006	39.5	8.995	2681		21.1	.1				93
Dew Point	2893051	82127	30.6	11.865	2681	.3	54.7	.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 — STATION
ANDREWS AFB WASHINGTON D C — STATION NAME
44-72 — YEARS
MAR — 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										9	9		
68/ 67			.1	.1	.1	.1	.1	.1										21	21		
66/ 65		.1	.1	.1	.1	.2	.1											20	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									74	76	48	32
54/ 53	.1	.3	.5	.3	.2	.7	.3	.1										65	65	54	34
52/ 51	.2	.5	.3	.4	.3	.6	.4	.1										90	90	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												253	252	242	137
36/ 35	.7	1.8	2.0	2.8	.0													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														42	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																					45

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.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL 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	26.9	13.7	6.2	2.6	.9	.2								2681	2683	2681	2681	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No Obs.	Mean No of Hours with Tempera ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	12297979	174635	65.1	18.554	2681							
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	2820670	81194	30.3	11.618	2681	.1	55.5					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 STATION — ANDREWS AFB WASHINGTON D C STATION NAME — 44-72 YEARS — APR MONTH

PAGE 1 — 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL 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									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											155	155	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	148
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	$\bar{X}$	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.												
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 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								2594		2594
																		2593		2594	

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	13753630	182816	70.5	18.262	2593							
Dry Bulb	6602795	128765	49.6	9.020	2594		1.3	4.2	.5			90
Wet Bulb	5348404	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 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 — 44-72 YEARS — APR MONTH

PAGE 1 — 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
76/ 75									.1									1	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	.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	1.6	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	176
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	19	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	$\bar{X}$	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.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 101 64 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 (STATION) ANDREWS AFB WASHINGTON D C (STATION NAME) 44-72 (YEARS) APR (MONTH)

PAGE 7 0300-0500 (HOURS (L. S. T.))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
6/ 5																					3
TOTAL	8.0	28.2	26.6	20.3	9.0	4.7	1.2	.7	.1								2595	2596		2595	
																	2595		2595		

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.	14939902	191936	74.0	16.931	2595							
Dry Bulb	6085728	123562	47.6	8.878	2596		2.6	1.4	.1			90
Wet Bulb	5167052	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 4) 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 | 44-72 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77						.0		.0										2	2		
76/ 75					.0	.0												2	2		
74/ 73			.0	.1	.1	.0		.0										7	7		
72/ 71			.1	.0	.2	.0	.0	.1	.2									16	16		
70/ 69			.1	.2	.3	.0	.0	.1	.1									22	22	1	
68/ 67		.1	.3	.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	153	109	96
54/ 53	.7	1.8	1.0	1.0	.8	.8	.3	.1										160	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	.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																					8

Element (X)	$\Sigma X'$	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												
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 — STATION NAME
44-72 — YEARS
APR — MONTH

PAGE 2 — 0600-0800 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
10/ 9																					3
8/ 7																					3
TOTAL	6.8	24.7	22.5	21.4	13.9	6.7	2.5	1.2	.3	.0								2589	2595	2589	2589

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	13079821	183821	71.0	17.891	2589							
Dry Bulb	6508795	127887	49.3	8.917	2595		2.0	3.1	.4			90
Wet Bulb	5391990	115998	44.8	8.676	2589		5.9	.2				90
Dew Point	4367488	102368	39.5	11.118	2589		25.8	.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 | 44-72 YEARS | APR 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
88/ 87										.1								2	2		
86/ 85									.1	.1	.0			.0				6	6		
84/ 83								.0	.1	.0	.1	.0						8	8		
82/ 81						.0	.1	.1	.1	.2	.1	.0						18	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							56	56		
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								88	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		.6	.9	.7	.7	.7	.8	.9	.6	.1								153	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	.5													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						
						≤ 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 REVISE 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 | APR 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	2585

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	9563908	147920	57.2	20.628	2585							
Dry Bulb	8557212	146526	56.6	10.109	2589		.2	15.5	7.2	1.8		90
Wet Bulb	6303376	125702	48.6	8.593	2585		1.8	1.7				90
Dew Point	4520616	103630	40.1	11.904	2585		25.8	.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 | 44-72 YEARS | APR MONTH

 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		.0				9	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			58	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							128	128	40	3
66/ 65		.4	.3	.2	.2	.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	.0										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)	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 STATION | ANDREWS AFB WASHINGTON D C STATION NAME | 44-72 YEARS | APR MONTH

 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																					4?
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)	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.	7591872	128694	49.6	21.558	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		.5	2.8	.1			90
Dew Point	4580238	104282	40.2	12.209	2593		27.0	.2	.0			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

13706 STATION | ANDREWS AFB WASHINGTON D C STATION NAME | 44-72 YEARS | APR MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL D.B W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
94/ 93										.0								1	1		
92/ 91									.0	.1	.0	.0						5	5		
90/ 89										.0	.2	.1	.0		.0			9	9		
88/ 87									.0	.1	.1	.1	.1	.2				16	16		
86/ 85								.0	.2	.2	.3	.3	.4	.2				43	43		
84/ 83								.1	.2	.4	.4	.4	.2	.2				47	47		
82/ 81					.0		.2	.3	.5	.6	.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	.5	.6	.4	.5	.9	.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	.4	.1						133	133	53	4
66/ 65	.0	.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							153	153	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	1.9	1.3	.5	.0								194	194	159	70
56/ 55	.1	.7	.3	.8	.7	1.0	1.2	.8	.2									150	150	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	109
50/ 49	.3	.7	.7	.5	.7	1.4	.7	.0										132	132	238	135
48/ 47	.3	.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	155
34/ 33	.1	.1		.0														6	6	12	130
32/ 31		.1																2	2	11	124
30/ 29																				4	126
28/ 27																				1	118

Element (X)	$\Sigma X'$	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.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 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 1500-1700
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
26/ 25																					119
24/ 23																					113
22/ 21																					56
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	6.3	7.9	8.8	11.7	14.0	11.1	11.4	7.0	5.4	3.4	1.7	.7	.0			2590			2589
																	2590		2590		

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.	7391462	125874	48.6	22.166	2589							
Dry Bulb	10405639	161629	62.4	11.103	2590		.1	30.5	16.5	7.6	.0	90
Wet Bulb	701493	133064	51.4	8.306	2590		.6	3.1	.2			90
Dew Point	4578444	104266	40.3	12.107	2589		26.3	.3				90

USAFETAC FORM 0-23-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13715 STATION — ANDREWS AFB WASHINGTON D C STATION NAME — 44-72 YEARS — APR MONTH

PAGE 1 — 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
90/ 89											.0							1	1		
88/ 87										.0	.0							2	2		
86/ 85										.0			.0					2	2		
84/ 83									.0	.1	.1	.1	.1					10	10		
82/ 81								.1	.2	.2	.2	.1	.0					16	16		
80/ 79							.0	.2	.3	.2	.2	.1						31	31		
78/ 77						.0	.2	.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	.6	.7	.5	.3	.3	.9	.6	.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	1.3	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)	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.												
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 (STATION NAME) 44-72 (YEARS) APR (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. = W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL 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		2584		

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	9537107	146721	56.8	21.610	2584							
Dry Bulb	8731661	148047	57.3	9.828	2584		.2	16.1	7.3	1.6		90
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

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 — APR MONTH

PAGE 1 — 2100-2300 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 2	3 4	5 - 6	7 - 8	9 - 10	11 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
80/ 79										.0	.1							3	3		
78/ 77							.2			.1	.0	.0						9	9		
76/ 75						.0	.2	.2	.1	.1	.1							18	18		
74/ 73				.0		.3	.1	.3	.2	.1	.1							28	28		
72/ 71				.2	.1	.2	.1	.3	.2	.1		.0						30	30		
70/ 69			.3	.4	.2	.5	.3	.3	.2	.2	.0							64	64		
68/ 67		.1	.2	.5	.4	.4	.4	.2	.1	.0	.0							60	60	1	
66/ 65		.4	.9	.4	.2	.3	.5	.1	.3	.0	.1							81	81	28	5
64/ 63	.1	1.2	.6	.4	.2	.5	.2	.5	.1	.1								102	102	52	16
62/ 61	.3	1.2	.6	.5	.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	166	102	83
58/ 57	.3	1.0	.8	.8	.9	.5	.7	.2	.2									142	142	109	69
56/ 55	.2	1.2	1.1	.7	1.0	.9	.3	.5										152	152	123	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	1.8	2.2	1.4	.1											235	235	213	121
48/ 47	.4	1.8	1.4	2.6	2.2	1.0	.2											249	249	196	143
46/ 45	.7	1.0	1.8	2.2	2.4	.6	.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	150
40/ 39	.2	.5	.5	1.5	.5													84	84	212	142
38/ 37		.2	.2	.8	.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	33	145
30/ 29			.1	.0														4	4	13	117
28/ 27		.1																2	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	$\bar{X}$	σ_x	No. Obs.	M. or 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

13709 (STATION) ANDREWS AFB WASHINGTON D C (STATION NAME) 44-72 (YEARS) APR (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 14	15 - 16	17 - 18	19 - 20	21 22	23 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
12/ 11																					2
10/ 9																					1
8/ 7																					1
TOTAL	5.0	17.8	16.2	17.8	17.6	10.5	6.7	3.5	1.5	.7	.4	.1						2586		2586	
																	2586		2586		

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.	11958392	168262	65.1	19.768	2586							
Dry Bulb	7403597	136397	52.7	9.001	2586		.5	7.4	2.0	.0		90
Wet Bulb	5644050	121062	46.8	8.266	2586		2.2	.0				90
Dew Point	4497064	103908	40.2	11.160	2586		24.5					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 STATION | ANDREWS AFB WASHINGTON D C STATION NAME | 44-72 YEARS | 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			.0							13	13		
74/ 73		.0	.3	.4	.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										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	1.5	.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	24
30/ 29																					20
28/ 27																					11
26/ 25																					11
24/ 23																					3
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	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	otal
Rel. Hum.	17146359	210535	78.4	15.417	2685							
Dry Bulb	9236414	156160	58.2	7.578	2685			13.6	1.6			93
Wet Bulb	8065677	145717	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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13729 STATION — ANDREWS AFB WASHINGTON D C STATION NAME — 44-72 YEARS — MAY MONTH

PAGE 1 — 0300-0500 HOURS (L. S. T.)

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				
80/ 79								.1										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													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													43	43	97	166
40/ 39		.4	.4	.1														26	26	63	107
38/ 37		.2	.1															8	8	41	104
36/ 35		.1	.1	.1														7	7	25	55
34/ 33		.4		.0														12	12	12	53
32/ 31																				11	30
30/ 29																				3	23
28/ 27																					16
26/ 25																					8
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						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≤ 93 F	Total
Rel. Hum.	18534351	220031	81.8	14.130	2690							
Dry Bulb	8644486	151100	56.2	7.642	2690			7.8	.4	.1		93
Wet Bulb	7744795	142759	53.1	7.917	2690		.5	2.8				93
Dew Point	7052231	135351	50.3	9.484	2690		3.5	1.5				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 STATION | ANDREWS AFB WASHINGTON D C STATION NAME | 44-72 YEARS | 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																					4
18/ 17																					4

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.												
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 STATION NAME — 44-72 YEARS — MAY MONTH

PART 2 — 0600-0800 HOURS (L S T)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	7.5	25.7	20.2	17.2	14.0	6.2	3.3	.9	.3	.0								2681	2682	2681	2681

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.	15753294	202136	75.4	16.312	2681			11.4	3.6	.3		93
Dry Bulb	9616345	159281	59.4	7.648	2682							
Wet Bulb	8225214	147070	54.9	7.666	2681		.1	6.8	.1			93
Dew Point	7231247	136791	51.0	9.694	2681		3.8	2.9				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 STATION — ANDREWS AFB WASHINGTON D C STATION NAME — 44-72 YEARS — MAY MONTH

PAGE 1 — 0900-1100 HOURS (L S T)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	+ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
92/ 91											.0							1	1		
90/ 89										.1		.0						1	1		
88/ 87									.1	.1	.1	.0						4	4		
86/ 85							.1	.1	.3	.2	.1	.1						24	24		
84/ 83					.1	.2	.4	.2	.3	.4	.1	.0						47	47		
82/ 81					.2	.6	.4	.4	.4	.1	.1							61	61		
80/ 79				.1	.6	.6	1.0	.5	.4	.1	.1							95	95		
78/ 77			.1	.3	.9	.9	.8	.7	.1	.2	.2	.1						120	120		
76/ 75			.1	.7	1.1	1.3	1.1	.7	.7	.6	.1	.1						171	171	5	
74/ 73		.1	.3	1.0	1.3	1.3	.9	.6	.6	.4	.1							180	180	27	3
72/ 71		.3	.9	.9	1.2	1.2	1.3	1.0	.7	.1								205	205	73	11
70/ 69		.8	1.0	1.0	1.0	1.4	1.1	1.0	.4	.3								217	217	136	34
68/ 67		.3	.8	1.1	1.5	1.3	1.2	.9	.5	.1	.1							206	206	183	103
66/ 65		.7	.7	1.2	1.3	1.4	1.3	.9	.4	.1								215	215	193	121
64/ 63	.8	1.2	.6	1.3	1.0	1.5	1.2	1.0	.1	.1								214	214	203	135
62/ 61	.5	1.2	.5	1.0	1.0	1.3	1.2	.4	.2	.0								198	198	215	173
60/ 59	.4	1.5	.9	.9	1.3	1.6	1.2	.3	.1	.1								222	222	242	183
58/ 57	.3	1.0	.6	.8	.7	1.1	.4	.2										138	138	271	203
56/ 55	.2	.9	.5	.9	.7	.8	.2	.1										117	117	230	207
54/ 53		1.0	.6	.4	.3	.5	.4	.0										86	86	202	149
52/ 51	.3	.6	.3	.2	.3	.4	.3											63	63	216	177
50/ 49	.1	.4	.3	.1	.4	.3	.1											48	48	184	161
48/ 47	.1	.3	.1		.1	.0												18	18	118	183
46/ 45	.0	.3	.0		.1	.0												12	12	73	145
44/ 43	.0				.0													2	2	45	143
42/ 41					.1	.0												3	3	39	122
40/ 39																				11	90
38/ 37																				4	92
36/ 35																				3	77
34/ 33																				2	58
32/ 31																					32
30/ 29																					21
28/ 27																					17
26/ 25																					20

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.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

PAGE 2 — 0900-1100 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
24/ 23																				11
22/ 21																				7
20/ 19																				3
18/ 17																				2
16/ 15																				2
TOTAL	2.	110.4	8.5	12.1	15.2	17.9	14.7	9.3	5.3	3.2	1.0	.3					2674	2674	2675	2675
																	2674		2675	

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.	10786291	162531	60.8	18.458	2675							
Dry Bulb	12057167	178047	66.6	8.693	2674			46.5	24.7	6.6		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 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13706 ANDREWS AFB WASHINGTON D C 44-72 ALL
STATION STATION NAME YEARS MONTH

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

Temp (F)	WET BULB TEMPERATUPE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
96/ 95													.0					1	1		
94/ 93											.1	.0	.0					4	4		
92/ 91									.0	.0	.1	.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					108	108		
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	1	
76/ 75			.1	.7	.8	1.1	1.3	1.0	1.0	.7	.5	.1						197	197	22	
74/ 73		.1	.2	.6	1.1	1.1	1.1	1.2	.8	1.1	.3		.0					203	203	68	
72/ 71	.1	.3	.3	.6	.0	1.2	1.1	.9	1.5	.5	.1	.3						195	195	119	21
70/ 69	.0	.1	.3	.6	.6	.6	1.3	1.5	1.3	.6	.1	.1						200	200	187	66
68/ 67	.0	.3	.6	.5	.8	1.3	1.3	1.1	1.0	.3								196	196	195	75
66/ 65		.6	.6	.6	.6	1.1	1.4	1.3	.8	.2								195	195	223	130
64/ 63	.1	.9	.4	.5	.2	.9	.9	1.1	.4	.1								154	154	223	127
62/ 61	.1	.7	.8	.5	.2	.8	.9	.6	.2	.0								133	133	240	201
60/ 59		.5	.5	.4	.7	.3	.7	.5	.1									107	107	229	160
58/ 57	.1	.7	.2	.6	.5	.5	.5	.3	.5									92	92	239	185
56/ 55	.1	.6	.4	.3	.1	.3	.4	.3										69	69	250	200
54/ 53	.1	.6	.3	.2	.1	.3	.1	.2										43	43	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															9	9	73	137
46/ 45	.1	.0																3	3	55	151
44/ 43																				34	139
42/ 41					.1													2	2	12	128
40/ 39			.0															1	1	2	112
38/ 37																				1	91
36/ 35																				3	71
34/ 33																					36
32/ 31																					40
30/ 29																					21

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												
Dry Bulb												
Wet Bulb												
Dew Point												

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

PAGE 2 — 1200-1400 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
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	15.4	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 ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum	8466571	141959	53.0	18.733	2678							
Dry Bulb	13795350	190490	71.2	9.479	2677			63.1	42.6	19.4	.2	93
Wet Bulb	9751676	160204	59.9	7.546	2677			20.6	3.2			93
Dew Point	7427579	138155	51.6	10.547	2677		4.2	5.8				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 STATION — ANDREWS AFB WASHINGTON D C STATION NAME — 44-72 YEARS — MAY MONTH

PAGE 1 — 1500-1700 HOURS (L S T)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D B W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
96/ 95													.1					3	3		
94/ 93											.1		.0					4	4		
92/ 91									.1	.0	.1	.1	.3					14	16		
90/ 89								.1	.1	.3	.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	.8	.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			.5	.7	.6	1.1	.7	.9	.6	.9	.6	.3						181	181	66	5
72/ 71		.3	.4	.9	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							197	197	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	163
62/ 61	.1	.7	.8	.4	.4	.6	.8	.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									69	69	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											43	40	185	162
52/ 51	.3	.5	.1		.2													30	30	186	196
50/ 49	.1	.3	.1	.0														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																					82
36/ 35																				3	77
34/ 33																					56
32/ 31																					34
30/ 29																					23

Element (X)	$\Sigma X'$	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.												
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 STATION NAME — 44-72 YEARS — MAY 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
28/ 27																					15
26/ 25																					20
24/ 23																					5
22/ 21																					1
20/ 19																					2
18/ 17																					4
TOTAL	1.6	7.9	6.3	6.6	8.1	9.5	13.1	13.9	11.6	9.6	7.0	3.1	1.3	.3	.1			2685	2685	2685	2685

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.	8588818	141760	52.8	20.284	2685							
Dry Bulb	14001491	192257	71.6	9.359	2685			65.5	43.6	20.7	.2	93
Wet Bulb	9836989	161349	60.1	7.250	2685			20.4	2.9			93
Dew Point	7443544	138508	51.6	10.546	2685		3.9	6.0	.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 STATION — ANDREWS AFB WASHINGTON D C STATION NAME — 44-72 YEARS — MAY 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		.0					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	.0	.3	.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)	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.												
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 (STATION NAME) 44-72 (YEARS) MAY (MONTH)

 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

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

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B /W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
82/ 81								.0	.0	.0								3	3		
80/ 79						.1	.1	.0	.1	.0	.0							11	11		
78/ 77					.1	.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		.0					90	90		
72/ 71	.0		.4	.3	.7	.9	.8	.6	.1	.0	.2							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	$\bar{X}$	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.	15262539	197185	73.6	16.723	2679							
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 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 | 43-72 YEARS | JUN 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
86/ 85						.2	.0											5	5		
84/ 83					.0			.1										3	3		
82/ 81					.2		.0	.0	.1									8	8		
80/ 79		.1	.2	.3	.1	.1												20	20		
78/ 77		.3	.6	.7	.2	.2	.1											54	54	3	
76/ 75		.7	1.6	1.5	.5	.2	.1	.0										120	120	29	9
74/ 73		1.7	3.0	1.5	.8	.4	.2		.0									198	195	53	30
72/ 71	.4	3.8	2.9	1.8	1.1	.4		.0										265	265	141	84
70/ 69	1.1	5.0	3.4	1.8	1.4	.4	.2											336	336	300	227
68/ 67	1.0	4.4	3.3	1.7	.7	.3	.2											293	293	267	270
66/ 65	1.3	4.7	2.9	1.6	.8	.4	.1											297	298	317	273
64/ 63	.8	3.2	3.1	1.6	.5	.2	.1	.0										243	244	295	253
62/ 61	.4	2.2	2.7	1.1	.6	.2	.1											188	190	239	220
60/ 59	.4	2.4	2.1	1.2	.4	.2	.1											172	174	215	217
58/ 57	.2	2.4	1.3	.8	.4	.0												130	132	201	221
56/ 55	.0	1.8	1.2	.9	.3													109	110	169	194
54/ 53	.3	1.1	.7	.6	.0													70	70	123	151
52/ 51	.1	.3	.6	.2														30	30	99	130
50/ 49		.0	.2															5	5	59	85
48/ 47		.1	.2															7	7	25	70
46/ 45		.0																1	1	14	48
44/ 43																				2	35
42/ 41																					23
40/ 39																					5
38/ 37																					4
36/ 35																					1
~~16/ 15~~																					
TOTAL	5.8	34.3	29.9	17.4	8.0	3.1	1.3	.2	.1										2560		2551
																		2551		2551	

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.	17713189	210459	82.5	11.719	2551							
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

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 | 43-72 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						.2												4	4		
80/ 79				.1	.2		.1											8	8		
78/ 77		.2	.0	.2	.0	.1		.0										18	18		
76/ 75	.1	.6	.8	.7	.2	.1												61	61	11	4
74/ 73	.1	1.5	1.4	1.4	.1	.2												119	119	34	17
72/ 71	.3	3.6	3.3	1.2	.4	.1	.0											229	229	102	73
70/ 69	1.6	5.3	3.3	1.3	.6	.2												314	314	228	162
68/ 67	1.6	5.7	2.3	1.4	.5	.1	.1											299	299	312	262
66/ 65	1.6	5.8	2.6	1.8	.5	.1	.0											318	318	310	307
64/ 63	.9	4.0	3.3	1.1	.7	.2	.1											260	260	261	241
62/ 61	.7	4.2	2.3	.9	.4													219	222	231	232
60/ 59	1.0	3.5	2.3	1.1	.3	.2												210	210	279	210
58/ 57	.3	3.4	2.0	1.0	.1	.1												176	180	180	241
56/ 55	.1	2.2	1.2	.7	.3	.1												119	121	209	181
54/ 53	.3	2.1	.9	.5	.1	.0												102	102	134	166
52/ 51	.3	1.2	.5	.4														60	60	113	154
50/ 49	.1	.6	.0	.2														37	38	78	99
48/ 47		.2	.0	.0														7	7	49	79
46/ 45		.1																3	3	27	50
44/ 43		.1																2	2	5	36
42/ 41																				2	28
40/ 39																					12
38/ 37																					6
36/ 35																					2
~~16/ 15~~																					~~1~~
TOTAL	8.8	44.2	26.9	14.0	4.2	1.5	.4	.0										2565	2575		2565
																		2565		2565	

Element (X)	$\Sigma X'$	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.	18989706	219062	85.4	10.466	2565							
Dry Bulb	10765574	165674	64.3	6.423	2575			36.8	7.3	.3		90
Wet Bulb	9828091	157881	61.6	6.556	2565			24.1	1.6			90
Dew Point	9287944	153156	59.7	7.458	2565		.0	18.2	.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 STATION | ANDREWS AFB WASHINGTON D C STATION NAME | 43-72 YEARS | JUN 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						.0	.1											3	3		
86/ 85				.0		.2												7	7		
84/ 83			.0		.4	.2	.1	.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	1
76/ 75		.6	1.4	2.3	1.2	.8	.3	.1	.0									172	172	46	7
74/ 73	.1	1.5	2.6	2.1	1.2	.9	.2	.0	.0									222	222	98	46
72/ 71	.4	2.7	3.2	2.3	1.8	.7	.3		.0									292	294	191	113
70/ 69	.7	3.3	2.8	2.4	1.4	.4	.2											287	287	298	204
68/ 67	.8	3.4	2.9	2.3	1.6	.9	.2	.1										310	312	280	279
66/ 65	.7	3.0	2.5	2.2	1.4	.7	.4		.0									281	283	335	273
64/ 63	.3	2.0	2.0	1.4	1.4	.4	.0											191	192	246	242
62/ 61	.2	2.2	1.9	1.2	.9	.3	.1											175	175	243	235
60/ 59	.6	1.2	1.8	1.1	.6	.3	.2											145	149	229	245
58/ 57	.2	1.3	.9	.5	.5	.0	.0											88	88	185	203
56/ 55	.2	.5	1.0	.4	.2	.1												59	60	167	190
54/ 53		.7	.4	.2	.1													33	33	94	134
52/ 51	.0	.1	.1	.2														12	12	70	118
50/ 49		.1		.1														4	4	37	95
48/ 47			.0															1	1	16	67
46/ 45																				10	39
44/ 43																				1	24
42/ 41																					17
40/ 39																					12
38/ 37																					8
36/ 35																					3
34/ 33																					1
TOTAL	4.3	22.6	24.8	21.5	15.0	8.2	2.9	.5	.2									2558	2570	2558	2558

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.	15895712	198898	77.8	12.973	2558							
Dry Bulb	12098014	175492	68.3	6.678	2570			55.1	23.8	4.3		90
Wet Bulb	10445800	162656	63.6	6.346	2558			32.5	5.5	.0		90
Dew Point	9574190	155330	60.7	7.453	2558			22.9	2.0			90

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13706 STATION — ANDREWS AFB WASHINGTON D C STATION NAME — 43-72 YEARS — MONTH

DATE — 0900-1100 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
94/ 93								.2	.1										6		
92/ 91					.0	.0	.1	.4	.1	.1	.1		.0					22	22		
90/ 89					.0	.0	.6	.6	.4	.4	.1							61	61		
88/ 87				.0	.0	.4	.7	1.1	.9	.4	.2							95	95		
86/ 85					.4	1.2	1.8	1.2	1.0	.3	.2	.0						154	154		
84/ 83			.0	.2	.9	1.9	1.9	1.2	.7	.3	.1							185	185	1	
82/ 81				.6	1.4	2.3	1.7	1.0	.2	.6	.0	.0						200	200	4	1
80/ 79			.2	1.1	2.0	1.6	1.6	1.1	.6	.3	.0							216	217	17	2
78/ 77			.4	1.5	1.8	2.0	1.9	1.0	.3	.3	.0							236	238	58	3
76/ 75	.0	.3	1.5	1.5	1.8	1.8	1.3	1.0	.7	.2	.0							261	263	140	22
74/ 73	.1	.5	1.3	1.1	1.5	1.7	1.7	.5	.7	.2	.1							244	245	241	76
72/ 71	.1	.5	1.0	1.2	1.2	1.3	1.6	.9	.3	.0	.0							211	216	312	165
70/ 69	.1	.4	1.2	1.0	1.3	1.6	1.1	.5	.1	.1								169	190	293	242
68/ 67	.2	.9	.6	.7	1.2	1.4	.8	.5	.1									162	162	275	250
66/ 65	.2	.5	.6	.5	.7	.9	.5	.3										110	110	258	257
64/ 63	.1	.5	.5	.3	.4	.4	.2	.3										68	68	203	236
62/ 61	.3	.8	.3	.4	.3	.2	.2											65	65	218	209
60/ 59	.1	.2	.4	.3	.2	.1	.0											35	35	188	197
58/ 57	.2	.5	.3	.0	.1													27	27	146	176
56/ 55	.0	.1	.2	.0		.0												10	10	100	174
54/ 53		.2																4	4	60	126
52/ 51																				32	123
50/ 49																				14	95
48/ 47																					76
46/ 45																				1	40
44/ 43																					29
42/ 41																					23
40/ 39																					22
38/ 37																					8
36/ 35																					5
34/ 33																					1
32/ 31																					2
TOTAL	1.5	5.4	8.5	10.5	15.3	18.8	17.0	11.9	6.2	3.1	.9	.1	.0					2561	2573		2561
																				2561	

Element (X)	$\Sigma x'$	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.	10564728	159924	62.4	15.028	2561							
Dry Bulb	14823528	194304	75.5	7.646	2573			78.8	59.0	29.5	.2	90
Wet Bulb	11358764	169754	66.3	6.457	2561			47.1	16.2	.4		90
Dew Point	9711659	156311	61.0	8.178	2561		.1	26.8	3.7	.1		90

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12792 STATION | BOLLING AFB WASHINGTON D C STATION NAME | 43-72 YEARS | JUL MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 2	3 4	5 6	7 - 8	9 - 10	11	12	13 - 14	15	16	17 - 18	19	20	21 - 22	23 - 24	25 - 26	27	28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
100/ 99														.1			.0					3	3		
98/ 97											.3	.2		.1								7	7		
96/ 95											.4	.3			.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	.5	1.0	1.5	1.2	.9	.4	.1									169	169		
88/ 87		.0		.1	.3	.2	1.3	2.5	1.6	1.1	.7	.4	.0					.0				210	210		
86/ 85				.1	.2	.9	2.1	2.1	.9	1.7	.9	.2	.1									233	233	1	
84/ 83				.3	.6	1.5	2.2	1.8	1.4	1.1	.6	.1	.0									247	247	3	1
82/ 81		.0	.1	.2	.7	1.6	1.4	1.1	1.2	.7	.7	.1										204	205	9	2
80/ 79		.1	.1	.6	.9	1.5	.9	1.2	1.0	.6	.4	.1										190	192	56	5
78/ 77			.2	.7	.9	1.0	1.4	1.9	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	.2	.5	.5	.4	.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	.3	.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	.0	.0															23	23	182	171
60/ 59	.0	.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)	$\Sigma X'$	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												
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 STATION | ANDREWS AFB WASHINGTON D C STATION NAME | 43-72 YEARS | 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
26/ 25																					1
TOTAL	1.0	4.2	4.0	5.3	7.9	10.6	15.1	18.1	13.5	11.3	5.9	2.0	.5	.1	.0				2573		2564
																		2564		2564	

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.	8363835	140637	54.9	15.923	2564							
Dry Bulb	16513879	209031	79.7	8.269	2573			84.1	72.0	48.2	3.1	90
Wet Bulb	11025825	173333	67.6	6.493	2564			53.2	23.3	1.4		90
Dew Point	9699655	156187	60.9	8.507	2564		.0	27.1	4.8	.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) 43-72 (YEARS) JUL (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
100/ 99										.0	.1							4	4		
98/ 97										.3			.0					8	8		
96/ 95									.1	.4	.1	.2	.2	.1				28	28		
94/ 93					.0		.0	.2	.6	.4	.5	.0	.1					45	45		
92/ 91				.0	.0	.0	.2	1.1	1.2	1.0	.9	.2	.1	.1				125	125		
90/ 89					.0	.3	.5	1.4	2.3	1.4	.6	.4	.1	.0				183	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	228	2	2
82/ 81			.1	.3	.6	1.1	1.8	.9	.9	1.2	.6	.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	.5	.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	.8	.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						
						≤ 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 STATION NAME — 43-72 YEARS — JUL MONTH

PAGE 2 — 1500-1700 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 2	3 4	5 6	7 8	9 10	11 12	13 14	15 16	17 18	19 20	21 22	23 24	25 26	27 28	29 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL 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	$\bar{x}$	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.	8473352	141076	55.0	16.659	2564							
Dry Bulb	16601933	209681	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) JUL 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 STATION — [illegible] WASHINGTON D C STATION NAME — 43-72 YEARS — JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
96/ 9[illegible]									.0	.0								2	2		
[illegible]/ 9[illegible]								.1	.0									3	3		
92/ 91							.2	.1	.1		.0	.0						10	10		
90/ 89						.1	.3	.3	.3	.2	.2							32	32		
88/ 87					.2	.4	.6	.5	.3	.2	.1		.0					63	63		
86/ 85				.1	.5	.8	1.0	.8	.5	.3		.0						117	117		
84/ 83			.0	.2	1.0	1.4	1.0	.7	.4	.3	.3							142	142		
82/ 81			.2	.8	2.3	1.6	1.5	.7	.7	.4	.1	.0						214	214	2	
80/ 79		.1	.4	1.4	2.1	1.8	1.0	.2	.6	.4	.1							242	242	28	4
78/ 77		.1	.8	1.4	2.4	1.5	1.3	.7	.5	.2	.0							229	229	52	9
76/ 75		.2	1.2	1.9	.8	1.6	1.4	1.2	.4	.2	.2	.1						262	264	146	32
74/ 73	.0	.9	1.7	2.0	[illegible]	1.5	1.1	.8	.3	.2	.1							242	242	211	99
72/ 71	.3	1.8	1.7	.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	.0	.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	.3	.2		.1	.0												18	18	144	186
56/ 55		.5	.1		.1													19	19	95	162
54/ 53		.2	.0	.0														6	6	52	149
52/ 51		.0																1	1	21	125
50/ 49																				5	71
48/ 47																				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	2565

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.	11908038	169900	66.2	16.034	2566							
Dry Bulb	14466847	192119	74.5	7.335	2576			77.4	54.5	24.6	.2	90
Wet Bulb	11403759	170327	66.4	6.224	2565			47.5	15.4	.5		90
Dew Point	9951220	158452	61.8	7.971	2565			29.5	5.1	.0		90

USAETAC 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 (STATION) ANDREWS AFB WASHINGTON D C (STATION NAME) 44-72 (YEARS) JUN (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
88/ 87							.J											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									38	38		
80/ 79			.8	.8	1.0	.6	.2		.1									89	89	4	
78/ 77		.2	1.3	1.4	1.5	.6	.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	43
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)	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.	15660673	196321	77.6	12.900	2529							
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 0-26-5 (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) 43-72 (YEARS) JUL (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			.0	.2	.4	.2	.2											30	30		
80/ 79			.6	1.1	.7	.6	.1	.0										84	84		
78/ 77		.5	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	1.3	.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	1.6	.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	.2	.0														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										2770		2686
																		2686		2686	

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.	18671846	221832	82.6	11.436	2686							
Dry Bulb	13880686	195658	70.6	4.672	2770			75.3	33.0	2.5		93
Wet Bulb	12108531	179849	67.0	4.966	2686			54.7	9.9			93
Dew Point	11425090	174426	64.9	6.061	2686			44.4	5.0			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 (STATION) ANDREWS AFB WASHINGTON D C (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									.0									1	1		
82/ 81				.0	.0	.0												3	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		2683	

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.	19875801	229271	85.5	10.288	2683							
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 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 | 43-72 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					.1	.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	163		
78/ 77		.6	2.4	2.6	1.8	.7	.2	.0	.0									223	225	26	3
76/ 75	.1	2.2	4.4	2.8	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	25.8	21.1	14.7	8.2	3.1	.7	.1			.0						2682		2682	2682
																		2682		2682	

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.	17124043	211675	79.0	12.391	2681							
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	11468935	174607	65.1	6.151	2682			44.6	6.9			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 STATION — ANDREWS AFB WASHINGTON D C STATION NAME — 43-72 YEARS — JUL MONTH

PAGE 1 — 0900-1100 HOURS (L. S. T.)

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					
96/ 95									.0	.0	.1	.1							6	6		
94/ 93								.1	.2	.1	.2	.1	.0						21	21		
92/ 91						.0	.0	.5	.4	.4	.0	.2							45	45		
90/ 89						.1	.6	.7	.7	.5	.1	.1							78	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	246		
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									323	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	1.2	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											46	48	273	336
66/ 65	.1	.4	.1	.2	.1		.1												25	25	261	286
64/ 63		.0	.0				.0												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						2684	2762	2684	2683

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.	11255173	169457	63.1	14.400	2684							
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 (STATION) ANDREWS AFB WASHINGTON D C (STATION NAME) 43-72 (YEARS) JUL (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		.1				4	4		
98/ 97										.0	.1	.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	.5	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	.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						
						≤ 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 STATION NAME | 43-72 YEARS | JUL MONTH

 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
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)	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.	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	11.3761	172513	64.5	7.191	2675			42.7	10.3	.1		93

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
102/101														.0	.0			2	2		
100/ 99											.0	.1	.1	.1	.0			10	10		
98/ 97											.3	.1	.2	.1	.1			22	22		
96/ 95									.1	.6	.3	.2	.1	.1	.0			39	39		
94/ 93								.3	.7	.9	.8	.7	.3	.0				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	328	3	1
80/ 79		.1	.6	1.3	1.4	1.4	1.2	1.4	1.4	.6	.4	.1	.0					266	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			.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																					26
46/ 45																					15
44/ 43																					9
42/ 41																					8
40/ 39																					4
38/ 37																					2

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.												
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 (STATION NAME) 43-72 (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
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)	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.	9057943	149617	55.5	16.704	2695							
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

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 — 43-72 YEARS — JUL MONTH

PAGE 1 — 1800-2000 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 97										.0		.0						2	2		
96/ 95									.0	.0	.1	.0						5	5		
94/ 93									.1		.0							4	4		
92/ 91							.1	.3	.1	.2	.1	.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	3.4	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	.(									118	124	400	390
68/ 67	.0	.9	.4	.4	.2	.1												4	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						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	93 F	Total
Rel. Hum.	12964251	181393	67.6	16.212	2684							
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

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 | 43-72 YEARS | JUL 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	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	5.9	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	.5	.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	55	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									2769		2688
																		2688		2688	

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.	17003604	210974	78.5	12.866	2688							
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) 701 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 — AUG 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
86/ 85							.0											1	1		
84/ 83					.0	.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	2.6	1.4	.5	.3	.2	.0	.1									194	204	53	16
74/ 73	.8	5.8	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	.2											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	2.0	.5	.2												316	324	353	377
66/ 65	.5	3.4	2.4	1.9	.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)	$\Sigma X'$	Σ	$\bar{X}$	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.	18721336	218960	84.2	10.536	2601							
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 0-26-5 (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 | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL 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	1.0	.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	387	358	334
66/ 65	1.5	5.1	2.8	1.3	.6	.2	.0											299	304	334	306
64/ 63	.8	3.8	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	.5	.2		.0												51	51	108	152
54/ 53	.1	.4	.4	.1	.0													26	26	71	95
52/ 51	.0	.2	.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)	$\Sigma X'$	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.	19799590	225378	86.7	9.916	2599							
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

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) AUG (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87										.0								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	1.5	.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	.7	.2	.0	.0											59	59	180	205
58/ 57	.1	.4	.5	.5	.1	.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	31.2	27.5	17.6	10.7	5.6	1.2	.3	.1	.0									2681		2594
																		2594		2594	

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.	17763544	212404	81.9	11.966	2594							
Dry Bulb	13231623	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		93
Dew Point	10712178	165794	63.9	6.676	2594			39.6	4.6			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 STATION — ANDREWS AFB WASHINGTON D C STATION NAME — 43-71 YEARS — AUG MONTH

PAGE 1 — 0900-1100 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
96/ 95													.0					1	1		
94/ 93					.0	.0	.0	.0	.2	.1			.1					12	12		
92/ 91			.0		.0			.2	1	.1		.0						11	13		
90/ 89			.0		.2	.1	.5	.7	.4	.3	.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	5.6	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	$\bar{X}$	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.	11753996	171000	65.4	14.687	2613							
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 STATION — ANDREWS AFB WASHINGTON D C STATION NAME — 41-71 YEARS — AUG MONTH

PAGE 1 — 1200-1400 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
100/ 99														.0	.1			3	3		
98/ 97				.0			.1			.0	.1		.1	.0	.1			11	11		
96/ 95					.0	.1	.1		.1	.3	.2	.2	.1	.0				33	34		
94/ 93					.0			.2	.4	.5	.4	.3	.2					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	1
86/ 85				.2	.8	2.3	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	.5	.1						309	318	4	4
82/ 81		.0	.2	1.1	1.5	1.6	2.4	1.7	1.3	.7	.2							280	283	6	7
80/ 79		.1	.8	1.0	1.0	1.6	2.3	1.7	1.3	.9	.3	.0						288	300	52	7
78/ 77		.3	.6	.8	1.1	1.0	1.4	1.6	1.3	.7	.1	.1						234	244	178	21
76/ 75		.3	.7	1.4	.7	1.1	.8	1.7	.8	.3	.2							212	214	355	56
74/ 73	.0	.4	.7	.5	.6	.4	1.2	.7	.6	.1								137	137	331	176
72/ 71	.2	.8	.7	.3	.2	.2	.3	.7	.0	.0								90	90	327	259
70/ 69	.3	.6	.1	.1	.2	.2	.1	.3										49	49	405	299
68/ 67	.1	.4	.1	.1	.1	.0	.1	.2										29	29	256	280
66/ 65		.4	.2	.1														17	17	234	231
64/ 63	.0	.2					.0											6	6	172	244
62/ 61	.0	.1																3	3	146	226
60/ 59																				59	163
58/ 57																				44	143
56/ 55																				16	139
54/ 53																				3	106
52/ 51																				1	84
50/ 49																					58
48/ 47																					39
46/ 45																					34
44/ 43																					7
42/ 41																					6
40/ 39																					8
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	2599

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	8832247	146229	56.3	15.259	2599							
Dry Bulb	18142883	219837	82.0	6.406	2680			92.1	86.3	61.4	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

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 — 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
100/ 99						.1										.0	.0	5	5		
98/ 97					.0	.1						.1	.1	.1	.0	.0		12	13		
96/ 95					.1	.0	.0		.1	.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						338	345	47	2
78/ 77	.0	.3	.7	1.0	1.2	1.7	1.5	1.3	1.6	.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		2695		2612
																		2612		2612	

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.	9077932	148374	56.8	15.773	2612							
Dry Bulb	18251867	221145	82.1	6.251	2695			92.1	87.0	61.4	3.6	93
Wet Bulb	12919498	183102	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) 201 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) AUG (MONTH)

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

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				
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						23	25		
88/ 87				.1	.1	.3	.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	3
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						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	13441452	183076	70.2	14.982	2607							
Dry Bulb	15667893	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

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 STATION | ANDREWS AFB WASHINGTON D C STATION NAME | 43-71 YEARS | AUG 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
86/ 85						.0	.2	.1										7	7		
84/ 83			.1	.1	.2	.2	.0	.1										17	17		
82/ 81		.0	.3	.5	.6	.3	.3	.0										54	54		
80/ 79		.0	1.3	1.3	1.0	.7	.3	.0										121	129	3	2
78/ 77		.5	2.5	2.0	1.0	.8	.2	.1										188	202	22	7
76/ 75	.0	2.6	4.6	2.6	1.5	.7	.6	.1										331	342	88	35
74/ 73	.3	4.2	4.8	3.1	.8	.8	.2	.2										375	394	245	130
72/ 71	1.0	5.4	3.8	2.7	1.2	.5	.3	.1										390	411	366	289
70/ 69	.5	4.9	5.3	2.2	1.2	.6	.2											390	399	434	366
68/ 67	.6	2.4	3.5	2.0	1.0	.6	.1											266	268	357	342
66/ 65	.3	1.3	2.5	1.8	1.3	.3	.2											200	202	302	314
64/ 63	.3	.9	1.2	1.2	.5	.2												111	112	235	269
62/ 61	.1	1.0	.8	1.0	.2	.0	.0											81	81	180	191
60/ 59	.0	.4	.7	.5	.0		.0											45	45	156	174
58/ 57	.0	.2	.5	.2	.0													25	25	113	148
56/ 55		.1	.1	.0														6	6	69	108
54/ 53			.0															1	1	28	101
52/ 51																				7	74
50/ 49																				3	23
48/ 47																					21
46/ 45																					12
42/ 41																					1
40/ 39																					1
TOTAL	3.1	24.1	31.9	21.2	10.7	5.6	2.7	.8											2695		2608
																		2603		2608	

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.	17123008	209136	80.2	11.626	2608							
Dry Bulb	13775139	192167	71.3	5.194	2695			76.7	39.5	4.5		93
Wet Bulb	11741883	174443	66.9	5.321	2608			54.0	12.8	.1		93
Dew Point	10969351	168319	64.5	6.380	2608			41.8	6.2			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 (STATION) ANDREWS AFB WASHINGTON D C (STATION NAME) 43-71 (YEARS) 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/ 81						.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										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)	$\Sigma X'$	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.	18887805	219829	84.5	11.016	2602							
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 (STATION) ANDREWS AFB WASHINGTON D C (STATION NAME) 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			.2	.1		.0	.1											2	2		
78/ 77																		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												202	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													80	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	.2														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										2603		2597
																		2595		2597	

Element (X)	$\Sigma x'$	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.	19770706	224942	86.7	10.242	2595							
Dry Bulb	10056098	160526	61.7	7.756	2603			28.6	5.5	.0		90
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 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 — SEP MONTH

PAGE 1 — 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
84/ 83							.0	.0										2	2		
82/ 81				.1	.1		.1											6	6		
80/ 79			.1	.3		.1		.0										13	13		
78/ 77		.1	.6	.7	.2	.1	.0											45	46		
76/ 75	.1	1.0	1.2	.5	.5	.0	.0											90	90	21	6
74/ 73	.4	2.0	1.3	1.1	.2	.2	.0											138	139	76	42
72/ 71	1.0	3.1	1.5	.7	.3	.2	.1											181	182	144	122
70/ 69	1.5	4.1	2.2	1.1	.4	.3	.1											254	254	205	180
68/ 67	1.3	3.3	2.4	1.1	.7	.2	.2											238	238	207	193
66/ 65	1.9	2.7	2.6	1.5	.8	.4	.3											265	265	214	192
64/ 63	.7	3.0	2.8	1.6	.7	.3	.0											237	237	204	177
62/ 61	.5	3.4	2.2	1.3	.6	.3												220	220	201	173
60/ 59	.7	3.0	2.3	1.3	.9	.2	.0											220	220	239	201
58/ 57	.2	2.2	2.5	1.5	.3	.2												181	131	219	181
56/ 55	.2	2.5	2.0	.7	.5													149	149	210	207
54/ 53	.2	1.3	2.0	.8	.3	.0												120	120	172	177
52/ 51	.1	1.0	1.2	.5	.1													77	77	145	143
50/ 49	.1	.5	1.1	.3	.3													60	60	116	141
48/ 47	.2	1.0	.7	.2														51	51	82	136
46/ 45	.2	.4	.4	.1	.0													30	30	73	107
44/ 43		.2	.1	.0														7	7	32	75
42/ 41		.2	.2	.0														9	9	22	55
40/ 39		.1	.2															6	6	9	37
38/ 37																				7	19
36/ 35																				2	19
34/ 33																					10
32/ 31																					2
30/ 29																					3
TOTAL	9.0	35.2	29.6	15.5	6.9	2.7	1.0	.1										2599	2602	2600	2600

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.	18244864	215518	82.9	11.988	2599							
Dry Bulb	10582111	164765	63.3	7.739	2602			33.6	10.2	.4		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) 201 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 | SEP MONTH

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

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				
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	1
78/ 77		.2	1.1	1.1	1.6	1.3	1.0	.5	.2	.3	.1	.0						189	189	30	7
76/ 75		.7	1.7	1.1	1.3	1.3	1.2	1.0	.4	.2	.1							232	232	137	16
74/ 73	.1	.9	1.0	1.3	1.4	1.6	1.5	.7	.5	.2	.0							236	236	196	93
72/ 71	.1	1.0	1.0	1.3	1.4	1.7	1.3	.7	.3	.0								227	227	187	168
70/ 69	.3	1.4	1.3	2.0	1.6	1.8	1.3	.8	.1									279	279	215	196
68/ 67	.2	1.2	1.2	1.3	1.7	1.5	1.3	.3	.0									227	227	211	160
66/ 65	.0	1.1	.9	.9	1.2	1.6	.9	.4	.0	.0								186	186	236	190
64/ 63	.3	.5	.7	.9	1.0	1.2	.7	.3										144	144	247	177
62/ 61	.1	.7	.6	.8	.9	.7	.7	.0										116	116	221	200
60/ 59	.2	.4	.4	.4	.8	.5	.4	.0										85	85	217	177
58/ 57		.6	.3	.3	.4	.5	.1	.1										60	60	190	176
56/ 55	.1	.4	.3	.4	.2	.3	.2	.0										52	52	173	188
54/ 53	.0	.4	.3	.1	.3	.1	.0											33	33	116	136
52/ 51	.0	.1	.1	.1	.2	.0												15	15	86	147
50/ 49	.0			.1	.1													5	5	66	142
48/ 47			.0	.0														2	2	27	123
46/ 45																				22	85
44/ 43																				16	58
42/ 41																				3	50
40/ 39																					39
38/ 37																					33
36/ 35																					22
34/ 33																					9
32/ 31																					4
30/ 29																					6

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 (STATION) ANDREWS AFB WASHINGTON D C (STATION NAME) 43-71 (YEARS) SEP (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					2602	2602	2600	2600

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.	11081833	170859	65.8	15.762	2598							
Dry Bulb	13411080	185628	71.3	8.044	2602			65.9	40.5	15.0	.1	90
Wet Bulb	10635422	169108	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 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

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

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					
100/ 99												.0			.0	.0			3	3		
98/ 97											.1	.1		.0					7	7		
96/ 95										.1	.2		.0						9	9		
94/ 93								.2	.2	.2		.0	.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	1.3	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									179	178	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)	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												
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

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 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
32/ 31																					11
30/ 29																					6
28/ 27																					1
TOTAL	1.1	4.7	5.7	7.4	10.5	13.0	17.8	18.5	11.2	5.4	3.1	1.0	.3	.2	.1	.0			2606		2606
																		2606		2606	

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.	9054930	147442	56.6	16.476	2604							
Dry Bulb	15186150	197660	75.8	8.630	2606			76.2	59.5	32.4	1.2	90
Wet Bulb	11147456	169308	65.0	7.531	2606			39.9	17.6	.3		9(
Dew Point	9109039	151837	58.3	10.035	2606		.7	22.6	3.7	.0		20

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) SEP (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B W.B.	Dry Bulb	Wet Bulb	Dew Point
100/ 99															.0			1	1		
98/ 97											.1	.1			.0			5	5		
96/ 95									.1		.2	.0	.1					9	9		
94/ 93									.0	.1		.1	.2					5	9		
92/ 91								.5	.4	.6	.2	.2	.0	.0	.0			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			.1					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						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	.3	1.2	1.1	1.4	1.5	1.5	1.0	.5	.2							241	241	64	1
76/ 75		.3	.7	1.2	1.1	.9	1.6	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	.5	.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	163
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	.5	.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)	$\Sigma X'$	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.												
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 STATION NAME | 43-71 YEARS | SEP MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
32/ 31																					10
30/ 29																					1
28/ 27																					1
TOTAL	1.5	5.6	5.9	8.3	11.5	13.2	15.8	16.6	11.5	5.7	2.4	1.3	.5	.1	.2			2609			2609
																	2609		2609		

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
Pct. Hum	9410986	150174	57.6	17.137	2606							
Dry Bulb	15101405	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) 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) SEP (MONTH)

PAGE 1 1000-2000 (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
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						83	83		
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	1
76/ 75		.7	2.3	1.9	1.2	.9	.6	.2	.0	.0								204	204	88	11
74/ 73	.1	1.8	2.1	1.9	.8	.7	.5	.2	.3									220	220	174	85
72/ 71	.3	1.8	1.8	2.2	1.0	1.1	.7	.3	.1									239	239	217	177
70/ 69	.5	1.7	2.4	1.9	2.0	1.0	.5	.2		.0								263	263	236	212
68/ 67	.5	1.7	2.2	1.8	1.7	1.3	.7	.2	.1									265	265	207	211
66/ 65	.3	1.1	2.5	2.2	1.1	1.1	.3	.1	.2									227	228	255	180
64/ 63	.2	1.0	1.8	1.7	1.5	.5	.3	.0										183	183	206	177
62/ 61	.2	1.1	1.3	1.5	1.1	.7	.2	.1										164	164	226	194
60/ 59	.3	1.0	1.3	1.0	.7	.5	.2											132	132	250	196
58/ 57	.1	.6	.8	1.0	.5	.1	.1											82	82	198	183
56/ 55	.1	1.0	.6	.8	.3	.3	.1											81	81	179	199
54/ 53	.2	.3	.6	.6	.2	.1												49	49	114	171
52/ 51	.1		.3	.2	.1	.1												21	21	97	148
50/ 49		.1	.2	.1														10	10	63	99
48/ 47		.1	.2	.1														9	9	37	101
46/ 45		.1	.0															3	3	22	88
44/ 43			.0															1	1	16	54
42/ 41																				3	36
40/ 39																				1	27
38/ 37																					19
36/ 35																					12
34/ 33																					9
32/ 31																					4
30/ 29																					2
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
																				2604	

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.	14423790	189926	73.0	14.748	2603							
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

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 | SEP 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
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											36	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	9
74/ 73	.2	2.1	2.1	.8	.4	.5		.0	.1									163	162	98	63
72/ 71	.7	3.4	2.8	1.4	.8	.1	.2	.1	.1									248	248	193	136
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	.9	.3	.0		.0										89	89	179	182
52/ 51	.1	.7	.8	.6	.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)	$\Sigma X'$	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.	17370964	210102	80.7	12.494	2602							
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 STATION — ANDREWS AFB WASHINGTON D C STATION NAME — 43-71 YEARS — OCT MONTH

PAGE 1 — 0000-0200 HOURS (L. S. T.)

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				.1	.0														5	5		
76/ 75			.1	.0															3	3		
74/ 73		.3	.1	.1	.1														15	15	2	
72/ 71	.0	.3	.3	.2	.1	.1													24	24	14	6
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	.3	.1													170	170	218	174
44/ 43	.3	2.2	1.6	.5	.4	.1													138	138	225	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	134
34/ 33	.1	.1	.2	.1															14	14	38	92
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)	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.	18164243	217831	81.0	13.969	2690							
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 (STATION) ANDREWS AFB WASHINGTON D C (STATION NAME) 43-71 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75		.0		.1														3	3		
74/ 73		.1	.2	.1														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
48/ 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	38	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												2691		2686
																		2686		2686	

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.	19269432	224766	83.7	13.102	2686							
Dry Bulb	7337835	138297	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 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 | OCT MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL 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	67
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	20
24/ 23																					10
22/ 21																					10
20/ 19																					18
18/ 17																					8
16/ 15																					6
14/ 13																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	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.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

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 — 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	12.5	38.2	26.9	15.1	5.6	1.2	.4											2680	2691	2680	2680

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.	18386174	219798	81.6	13.976	2680							
Dry Bulb	7576872	140942	52.4	8.514	2691		.7	4.0	.6			93
Wet Bulb	6783514	132668	49.5	8.980	2680		2.4	2.3				93
Dew Point	6130626	124920	46.6	10.720	2680		8.8	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 (STATION) ANDREWS AFB WASHINGTON D C (STATION NAME) 43-71 (YEARS) OCT (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
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	5	
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	.5	.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		.2		.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	$\bar{X}$	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 (STATION NAME) 43-71 (YEARS) OCT (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																					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	4.6	1.7	.4	.1							2690	2691	2690	2690

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.	12196015	174421	64.8	18.157	2690							
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) 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 — OCT 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	.1								8	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						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							179	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.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

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) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
24/ 23																					19
22/ 21																					12
20/ 19																					10
18/ 17																					10
16/ 15																					6
14/ 13																					5
12/ 11																					3
10/ 9																					1
8/ 7																					2
6/ 5																					1
TOTAL	2.2	6.4	6.1	9.4	11.7	16.4	19.2	14.2	8.5	3.7	1.6	.7	.1	.0				2691		2691	
																	2691		2691		

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.	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 WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13705 (STATION) ANDREWS AFB WASHINGTON D C (STATION NAME) 43-73 (YEARS) OCT (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91										.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	.0	.1	.6	.6	.7	.6	.3	.3	.1	.1					95	95		
76/ 75		.0	.1	.4	.6	1.2	.9	.7	.6	.2	.1							128	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	71	10
70/ 69	.0	.6	.5	1.1	.6	1.0	1.0	1.0	.8	.3	.1	.0						194	194	87	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	.6	.9	.2	.0	.0						219	219	162	55
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	.3	.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	.0			.1	.2	.1	.1											14	14	158	134
44/ 43			.1		.3	.1	.0											16	16	101	153
42/ 41						.1												2	2	47	161
40/ 39						.1												2	2	35	118
38/ 37																				17	109
36/ 35																				11	96
34/ 33																				5	36
32/ 31																				4	97
30/ 29																				1	77
28/ 27																					30
26/ 25																					30

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.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0 26-5 (OL A) JUL 74 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 (STATION NAME) 43-71 (YEARS) OCT (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
24/ 23																					20
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	2690	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.
Rel. Hum	9523841	151667	56.4	19.018	2690
Dry Bulb	11583315	174885	65.0	8.911	2690
Wet Bulb	8522036	149850	55.7	8.054	2690
Dew Point	6492647	128415	47.7	11.609	2690

Mean No. of Hours with Temperature

Element (X)	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb			40.3	19.8	4.8		93
Wet Bulb		.2	8.4	1.2			93
Dew Point		10.5	3.1	.1			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 JAN
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
84/ 83							.1											2	2		
82/ 81				.0		.1												5	5		
80/ 79			.0	.0	.1	.0	.0	.1										8	8		
78/ 77			.1	.0	.2	.1	.1											16	16		
76/ 75			.1	.2	.3	.0		.0										19	19	2	
74/ 73		.1	.3	.6	.3	.1	.1		.0									41	41	7	3
72/ 71		.2	.3	.4	.6	.3	.2	.0	.1	.0								58	58	16	11
70/ 69	.0	.7	1.0	1.3	.6	.3	.1	.0	.0	.0								111	111	33	6
68/ 67	.1	.8	1.8	1.3	.8	.6	.2	.3										156	156	66	46
66/ 65	.3	1.2	1.9	1.6	1.1	.6	.3	.2	.0									192	192	94	56
64/ 63	.7	1.4	2.0	1.5	1.3	.6	.3	.1	.0									216	216	158	103
62/ 61	.7	2.0	1.4	1.7	1.0	.9	.2	.2	.1									219	219	178	150
60/ 59	.4	1.5	2.6	2.0	1.6	.6	.4	.1	.1									251	251	189	155
58/ 57	.1	1.5	2.4	2.4	1.3	.6	.2	.1										235	235	200	144
56/ 55	.3	2.0	2.1	2.3	1.6	.7	.2	.1										250	250	227	138
54/ 53	.4	1.2	1.8	2.1	1.5	.7	.2	.1										213	213	245	194
52/ 51	.4	1.0	2.0	2.2	1.1	.7	.2	.0										205	205	219	211
50/ 49	.3	.8	2.0	1.4	1.5	.3	.1											177	177	213	183
48/ 47	.1	.7	1.9	1.6	.5	.1	.0											132	132	223	166
46/ 45	.0	.3	.6	1.2	.4	.3												79	79	200	171
44/ 43		.3	.7	.3	.2	.1												42	43	135	170
42/ 41		.1	.4	.4	.2	.1												32	32	124	171
40/ 39		.1	.3	.2	.1													20	20	68	111
38/ 37		.1	.1	.1	.1													10	10	47	122
36/ 35			.0	.0	.0													3	3	23	99
34/ 33		.0	.0															2	2	13	96
32/ 31			.0															1	1	9	58
30/ 29																				6	35
28/ 27																					28
26/ 25																					9
24/ 23																					25
22/ 21																					9
20/ 19																					6
18/ 17																					6

Element (X)	$\Sigma X'$	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.												
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 (STATION NAME) 43-71 (YEARS) OCT (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									2696		2695
																		2695		2695	

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.	14488017	192085	71.6	15.565	2695							
Dry Bulb	9272331	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) 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 | OCT 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
80/ 79					.1													4	4		
78/ 77			.0	.0														2	2		
76/ 75			.1	.3		.0												5	5		
74/ 73		.3	.3	.3	.2	.0	.0											32	32	4	1
72/ 71		.1	.3	.3	.0	.0												23	23	14	10
70/ 69		.6	.6	.1	.2	.0	.0											40	40	19	7
68/ 67	.3	1.3	.9	.7	.4	.1												97	97	48	40
66/ 65	.3	1.8	1.0	.8	.6	.1	.1	.0	.1									134	134	80	62
64/ 63	1.0	2.2	1.8	.9	.7	.2	.3	.0	.0									189	189	111	99
62/ 61	.6	2.0	1.9	1.1	.6	.2		.1	.1									193	193	145	89
60/ 59	.7	2.3	2.1	1.0	.7	.3	.0	.2										200	201	159	146
58/ 57	.7	2.6	2.5	1.5	.8	.3	.1	.2										235	235	191	131
56/ 55	.7	2.7	2.6	1.9	1.2	.4	.1	.0										261	261	209	173
54/ 53	.	2.1	2.9	1.9	1.0	.4	.1											233	234	180	167
52/ 51	.4	2.0	2.9	1.4	.6	.1	.0											200	200	226	156
50/ 49	.4	1.6	2.9	1.8	.5	.3	.0											200	200	213	182
48/ 47	.3	1.7	3.2	1.8	.5	.2	.1											207	207	238	183
46/ 45	.2	2.1	1.6	1.3	.6	.0												154	156	224	170
44/ 43		.9	1.1	.7	.2	.1												80	80	191	191
42/ 41		.4	1.5	.5	.2													69	69	120	187
40/ 39	.0	.8	1.0	.4	.0													62	62	107	145
38/ 37	.0	.5	.1	.1														21	21	91	111
36/ 35		.4	.2	.1	.1													21	21	55	137
34/ 33		.2	.0	.1														10	10	25	92
32/ 31		.0	.1															4	4	13	57
30/ 29																				6	42
28/ 27																				6	37
26/ 25																					16
24/ 23																					24
22/ 21																					5
20/ 19																					7
18/ 17																					2
16/ 13																					5
14/ 13																					3

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.												
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 (STATION NAME) 43-71 (YEARS) OCT (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
8/ 7																					1
TOTAL	6.1	29.4	31.7	10.8	9.3	2.9	1.0	.6	.3								2680	2682	2680	2680	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 72 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	16004701	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

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 | 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	3
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	.1											49	49	15	14
60/ 59	.8	1.3	.6	.5	.1		.0	.0										88	88	61	36
58/ 57	.5	1.0	.5	.3	.2	.2	.2	.1										76	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	2.3	.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						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

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

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

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				
4/ 3																					1
2/ 1																					2
-2/ -3																					1
-4/ -5																					2
TOTAL	8	31	43	25	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	4489594	105108	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 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13765 STATION | ANDREWS AFB WASHINGTON D C STATION NAME | 43-71 YEARS | NOV 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
70/ 69		.1	.2															8	8		
68/ 67		.2	.3		.1													17	17	8	1
66/ 65		.2			.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										79	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	.5														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	90
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 STATION — ANDREWS AFB WASHINGTON D C STATION NAME — 43-71 YEARS — NOV MONTH

PAGE 2 — 0300-0500 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
2/ 1																					2
0/ -1																					1
-4/ -5																					2
TOTAL	9	637	231	54	6	1	8	3	1									2607			2605
																	2605		2605		

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.	15889391	199515	76.6	15.289	2605							
Dry Bulb	4946475	110717	42.5	9.685	2607		14.2	.9				90
Wet Bulb	4310917	102861	39.5	9.786	2605		23.3	.3				90
Dew Point	3596565	91733	35.2	11.860	2605	.1	40.2	.0				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 0600-0800 HOURS (L S T)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 71			.1		.0													3	3		
70/ 69		.0	.3															8	8		
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											64	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	.9	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	189
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	.5														113	113	163	200
28/ 27	.1	1.6	.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																					1

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	≥ 90 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 STATION NAME | 43-71 YEARS | NOV MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4/ 3					.																1
2/ 1																					1
0/ -1					!																1
-2/ -3																					1
TOTAL	9	9	38.	4	29.	7	16.	0	5.	3	.8	.2						2601	2604	2601	2604

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	15918802	199526	76.7	15.354	2601							
Dry Bulb	4873464	109854	42.2	9.584	2604		14.5	.8				90
Wet Bulb	4259114	102056	39.2	9.722	2601		24.0	.2				90
Dew Point	3547957	91021	35.0	11.811	2601	.1	40.9	.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 | 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
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										6	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	.5	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	1.0	.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

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

PAGE 2 — 0900-1100 HOURS (L. S. T.)

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					
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									2601	2606	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.	11397141	165485	63.6	18.276	2601							
Dry Bulb	6416942	127028	48.7	9.294	2606		2.5	2.9	.5			90
Wet Bulb	5063663	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

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

PAGE 1 — 1200-1400 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL 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				.0	.2	.2	.1	.1	.1	.1	.1							23	23		
74/ 73			.1	.1	.3	.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	45	31
62/ 61	.1	.9	.5	.5	.5	1.2	.8	.6	.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	.6	1.3	1.2	1.1	.1									167	167	113	32
56/ 55	.2	1.0	.9	.5	1.0	2.0	1.0	.9	.0									199	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	106
44/ 43	.2	.5	.4	1.2	2.6	.9	.1											138	138	211	121
42/ 41	.1	.5	.1	1.7	1.8	.7												128	129	227	133
40/ 39	.3	.3	.5	1.0	1.0	.5												91	91	222	131
38/ 37	.2	.3	.4	.6	.5	.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	25	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 ≤ 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

13706 STATION | ANDREWS AFB WASHINGTON D C STATION NAME | 43-71 YEARS | NOV 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						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.	8648222	141402	54.4	19.147	2598							
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	12.404	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 STATION — ANDREWS AFB WASHINGTON D C STATION NAME — 43-71 YEARS — NOV MONTH

PART 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										5	5		
78/ 77					.0	.0		.1										4	4		
76/ 75				.0	.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	.5	.4	.4	.7	.6	.6	.1									98	98	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	46
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	.6	.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	.3	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	.0											136	136	205	141
40/ 39	.1	.3	.7	1.3	1.2	.2												100	101	235	119
38/ 37	.3	.5	.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	173
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	$\bar{X}$	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.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 201 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 2 — 1500-1700 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3 4	5-6	7-8	9 10	11-12	13-14	15-16	17-18	19-20	21-22	23 24	25-26	27-28	29-30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
16/ 15																					42
14/ 13																					30
12/ 11																					21
10/ 9																					13
8/ 7																					5
6/ 5																					2
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	2605	2602	2602

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	2262124	140	56.5	1.276	2602							
Dry Bulb	7412949	136502	52.4	9.991	2605		1.2	7.3	1.9	.2		9
Wet Bulb	5495132	117192	45.0	9.132	2602		6.5	.8				20
Dew Point	3796515	93955	36.1	12.462	2602		38.4	.1				20

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 | 43-71 YEARS | 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	Dew Point
76/ 75					.1													2	2		
74/ 73				.1		.1	.1											6	6		
72/ 71			.0	.3		.0												10	10		
70/ 69		.1		.2	.2	.1												15	15	1	
68/ 67		.2	.2	.2	.1	.1		.0										19	19	11	2
66/ 65		.4	.2	.3	.2	.1	.2	.0										39	39	13	6
64/ 63	.2	.5	.0	.1	.2	.3	.2	.1	.0									46	46	29	26
62/ 61	.2	1.0	.4	.5	.4	.2	.3	.2										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	1.3	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	.8	.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	196
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)	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 (STATION) ANDREWS AFB WASHINGTON D C (STATION NAME) 43-71 (YEARS) NOV (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
8/ 7																					3
6/ 5																					2
4/ 3																					8
2/ 1																					3
TOTAL	5.2	17.0	24.6	27.0	16.2	6.6	2.7	.7	.0								2601	2602	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	12423946	174038	66.9	17.306	2601		4.3	1.8	.3			90
Dry B	5993607	122509	47.1	9.312	2602		12.0	.4				90
Wet Bulb	4863622	109878	42.2	9.238	2601		38.3	.1				90
Dew Point	3733133	93469	35.9	11.998	2601							

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	2
66/ 65		.2	.2	.3	.1	.0												21	21	6	6
64/ 63	.1	.3	.3	.2	.2	.1	.0	.0										33	33	21	14
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	34
58/ 57	.7	1.4	.4	.4	.3	.2	.2											94	94	79	47
56/ 55	.7	1.2	.6	.0	.5	.4	.2											115	115	78	74
54/ 53	.2	1.4	1.2	1.0	.7	.5	.1	.1										135	135	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												159	160	117	83
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	2.0	.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	.3	.7	1.1	.3														65	65	147	197
28/ 27		.3	.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.						≤ 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 (STATION NAME) 43-71 (YEARS) NOV (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
8/ 7																					7
6/ 5																					3
4/ 3																					4
2/ 1																					1
-2/ -3																					2
-6/ -7																					1
TOTAL	6.6	24.8	30.8	23.3	9.9	3.1	1.2	.3										2598	2602		2598
																		2598		2598	

Element (X)	$\Sigma X'$	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.	13943089	185493	71.4	16.415	2598							
Dry Bulb	5461582	116600	44.8	9.536	2602		7.3	1.3	.1			90
Wet Bulb	4578843	106219	40.9	9.535	2598		17.8	.5				90
Dew Point	3657374	92386	35.6	11.970	2598	.1	39.1	.1				90

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 — 43-71 YEARS — 01 MONTH

PAGE 1 — 0000-0200 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
70/ 69				.0	.0													2	2		
66/ 65		.1			.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	.2	.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	.6	1.4	2.9	2.0	.5	.0												194	197	136	93
36/ 35	.7	2.4	2.3	1.8	.2	.0												199	204	159	81
34/ 33	.7	3.0	3.5	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	166
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	.0	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 ≤ 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) 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 | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
0/ -1																					28
-2/ -3																					13
-4/ -5																					9
-6/ -7																					4
-8/ -9																					1
-10/-11																					1
TOTAL	8.4	33.9	30.9	15.4	4.3	.9	.2											2655	2691	2655	2655

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.	13754105	185759	70.0	16.893	2655							
Dry Bulb	3442286	92404	34.3	10.006	2691		41.6	.1				93
Wet Bulb	2859787	83091	31.3	9.886	2655		54.9					93
Dew Point	2103250	66414	25.0	12.904	2655	2.0	68.8					93

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13735 STATION — ANDREWS AFB WASHINGTON D C STATION NAME — 43-71 YEARS — DEC MONTH

PAGE 1 — 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
64/ 63		.1	.1															6	6		
62/ 61		.2	.0		.0													8	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	.3	.1				.0										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	.2	.1											76	76	40	36
46/ 45	.7	1.1	.5	.6	.2	.0	.0											84	84	58	53
44/ 43	.7	1.2	.9	.7	.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													207	211	248	155
30/ 29	.5	3.3	3.1	.8	.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														161	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															46	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 ≤ 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 (CL 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) D.C (MONTH)

PAGE 7 0300-0500 (HOURS (L.S.T.))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 2	3 - 4	5 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-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	2.6	.5	.2	.3									2649	2687	2649	2649	

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.	14337305	190079	71.8	16.238	2649							
Dry Bulb	3244239	89387	33.3	10.038	2687		44.9					93
Wet Bulb	2731776	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 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 — 63-71 YEARS — DEC MONTH

PAGE 1 — 0600-0800 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
64/ 63			.1															2	2		
62/ 61	.1	.3	.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	.6		.0												23	23	20	16
54/ 53	.2	.8	.2	.1	.0													33	35	32	19
52/ 51	.3	.4	.4	.2		.1												35	37	34	29
50/ 49	.3	.0	.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	.8	.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	1.8	.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	2.9	.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)	$\Sigma X'$	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												

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 — DEC MONTH

PAGE 2 — 0600-0800 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-4/ -5																					8
-6/ -7																					4
-8/ -9																					0
-10/-11																					2
-12/-13																					1
-14/-15																					1
TOTAL	7	342	034	311	4	2	5	.	5									2653	2690	2653	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							
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	12.814	2653	2.0	69.9					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 STATION | ANDREWS AFB WASHINGTON D C STATION NAME | 43-71 YEARS | DEC 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												9	9		
66/ 65			.2	.1	.1		.1											11	11		
64/ 63	.1	.1	.1	.1	.2	.1		.2										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	.0										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	1.0	1.1	.4	.0											136	136	86	62
44/ 43	.5	.8	1.0	1.4	.9	.4	.0											136	137	112	68
42/ 41	.6	1.2	1.5	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	180	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	2.6	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	.2	.3															13	13	41	131
14/ 13		.0	.1															4	4	18	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						
						≤ 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 STATION NAME | 43-71 YEARS | DEC MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
0/ -1																					17
-2/ -3																					2
-4/ -5																					7
-6/ -7																					4
-8/ -9																					7
-10/-11																					1
-12/-13																					1
TOTAL	6.	52	1.	53	0.	62	5.	41	1.3	3.6	.6	.3	.1						2039		2661
																		2661		2661	

Element (Y)	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.	11964989	171579	64.5	18.412	2661							
Dry Bulb	4035248	100690	37.4	9.927	2689		29.5	.3				93
Wet Bulb	3205323	88799	33.4	9.539	2661		47.3					93
Dew Point	2208244	68572	25.8	12.883	2661	1.6	66.2					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

13702 STATION — ANDREWS AFB WASHINGTON D C STATION NAME — 43-71 YEARS — DEC MONTH

PART 1 — 1200-1400 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 2	3 4	5 6	7 8	9 10	11 12	13 14	15 16	17 18	19 20	21 22	23 24	25 26	27 28	29 30	≥ 31	TOTAL D.B W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
76/ 75								.0										1	1		
74/ 73					.0													1	1		
72/ 71				.0		.0	.0	.1										3	5		
70/ 69			.1	.1	.0	.3	.2	.1	.0									21	21		
68/ 67		.0	.2	.1	.1	.0	.1	.1		.0								14	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	.5	.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										57	58	34	9
56/ 55	.1	.4	.3	.3	.7	.6	.5	.3	.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	.0	.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	1.6	1.7	1.1	.2											178	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													86	86	156	130
26/ 25	.1	.5	.8	2.0	.0													62	64	141	159
24/ 23	.0	.2	.5	.5														35	36	95	160
22/ 21		.3	.5															20	20	66	161
20/ 19		.2	.3	.1														14	16	47	141
18/ 17		.0	.1															3	3	24	140
16/ 15			.2															4	4	10	128
14/ 13			.0															1	1	2	120
12/ 11																				5	112
10/ 9																					72

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.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL 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	25.6	9.9	10.1	4.6	2.0	.8	.2								2687		2661	
																	2661		2661		

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	9905539	153333	57.6	20.058	2661							
Dry Bulb	4969876	112128	41.7	10.405	687		17.9	1.5	.1			23
Wet Bulb	3700125	93989	36.1	9.450	2661		36.7	.0				4
Dew Point	2137213	70767	26.6	13.082	2661	1.4	64.2					72

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 DEC
STATION STATION NAME YEARS MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
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		.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									62	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	.9	.3	.0										170	170	111	49	
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												212	212	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	2.6	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																					93	
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						
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 (STATION NAME) 43-71 (YEARS) DEC (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4/ 3																					25
2/ 1																					23
0/ -1																					17
-2/ -3																					12
-4/ -5																					9
-6/ -7																					6
-8/ -9																					3
-10/-11																					1
TOTAL	5.4	14.1	18.0	29.0	19.2	7.7	4.5	1.5	.4	.1	.0						2667	2694	2668	2667	

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	≥ 90 F	≥ 93 F	Total
Rel Hum	10272339	156667	58.7	20.027	2667							
Dry Bulb	4843531	110913	41.2	10.140	2694		18.5	1.2				93
Wet Bulb	3647571	95443	35.8	9.352	2668		37.6					93
Dew Point	2341768	70938	26.6	13.063	2667	1.7	64.2					93

USAFETAC FORM 0-26-5 (L 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 — DEC MONTH

PAGE 1 — 1800-2000 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
70/ 69					.1													2	2		
68/ 67			.1		.0	.2												3	3		
66/ 65		.1	.0		.3													4	4	2	1
64/ 63		.0	.4	.1	.0	.1	.1	.0										20	20	4	2
62/ 61		.3	.2	.1	.1	.0	.0											21	21	5	4
60/ 59	.1	.2	.4		.3		.0	.0										26	26	27	11
58/ 57	.3	.2	.2	.3		.1	.1	.0										32	32	20	27
56/ 55	.3	.3	.2	.4	.1	.0	.1	.1										39	39	31	12
54/ 53		.4	.4	.2	.1	.3		.0										39	39	15	28
52/ 51	.1	.3	.3	.3	.5	.3	.1											55	55	42	16
50/ 49	.2	.7	.3	.6	.9	.2	.2	.1										91	91	43	21
48/ 47	.3	1.2	.4	.9	1.1	.6	.2											127	126	49	47
46/ 45	.2	1.3	.9	1.5	.6	.2	.0											124	124	73	50
44/ 43	.7	1.3	1.1	1.2	.9	.4												150	150	108	81
42/ 41	.7	1.8	1.5	1.9	.8	.3												186	186	154	60
40/ 39	.6	1.3	1.9	2.1	1.1	.1												191	191	156	93
38/ 37	.2	1.3	2.7	3.2	.6	.2												218	218	164	75
36/ 35	.7	1.4	2.2	3.0	1.0	.0												222	224	184	114
34/ 33	.8	2.0	3.2	2.1	.5	.0												228	231	237	144
32/ 31	.6	1.5	3.2	2.9	.3	.0												237	237	252	157
30/ 29	.3	1.4	3.2	1.8	.4													191	196	232	147
28/ 27	.2	1.2	2.9	.9														138	142	215	152
26/ 25	.2	1.0	2.0	.9														108	108	209	171
24/ 23	.1	1.0	2.1	.4														93	95	140	156
22/ 21		.5	.9	.3														47	48	118	180
20/ 19	.0	.2	1.1	.0														37	39	80	135
18/ 17		.1	.7															21	24	34	138
16/ 15		.1	.2															9	9	39	150
14/ 13																				20	102
12/ 11		.0																1	1	2	88
10/ 9																				1	69
8/ 7																					60
6/ 5																					53
4/ 3																					36

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ F	≤ 32 F	> 47 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 STATION NAME — 42-71 YEARS — DEC MONTH

PAGE 2 — 1300-2000 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
2/ 1																					25
0/ -1																					26
-2/ -3																					7
-4/ -5																					11
-6/ -7																					3
-8/ -9																					1
TOTAL	6	72	1.0	32.8	25.4	9.4	3.0	.8	.3									2688			2656
																	2656		2656		

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.	12225431	173467	65.3	18.371	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	1.8	65.5					93

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

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL 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												9	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	9
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											50	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	.8													203	204	152	86
36/ 35	.7	1.7	3.4	2.1	.5													224	229	166	99
34/ 33	.4	2.8	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 ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0 26-5 (OL A) JUL 64 REVISE 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 2100-2300 (HOURS (L. S. T.))

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
2/ 1																					39
0/ -1																					27
-2/ -3																					11
-4/ -5																					1
-6/ -7																					0
-8/ -9																					4
-10/-11																					1
TOTAL	6	7	28	7	36	8	19	5	6	1	1	8	3	0					2690		2653
																		2653		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.	13060890	180318	68.0	17.377	2652							
Dry Bulb	3676965	95757	35.6	9.988	2690		37.2	.3				93
Wet Bulb	3003343	85392	32.2	9.794	2653		51.4					93
Dew Point	2165059	67547	25.5	12.956	2653	1.8	67.8					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

2

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13703 ANDREWS AFB WASHINGTON D C 43-72

STATION STATION NAME YEARS

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
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	10,048	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	61.9	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	2687	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	7,335	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	33.5	35.0	42.0	52.7	61.1	69.0	72.9	71.3	64.9	54.9	44.9	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	19493	21478	20728	21457	20540	22131	21514	20838	21924	20833	21516	253414

USAFETAC FORM JUL 64 0 89-5 (OL-I)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13705 ANDREWS AFB WASHINGTON D C 43-72

STATION STATION NAME YEARS

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	29.3	30.1	36.0	45.0	54.3	62.6	67.0	65.9	60.3	50.1	40.4	31.3	47.8
	S D	10,343	9,351	9,266	8,624	7,660	6,413	4,966	5,475	7,905	8,864	9,650	9,886	16,000
	TOTAL OBS	2586	2389	2684	2594	2685	2551	2686	2601	2602	2691	2601	2655	31325
03-05	MEAN	28.5	29.0	34.8	43.8	53.1	61.6	66.0	64.9	59.3	49.0	39.5	30.5	46.8
	S D	10,554	9,560	9,418	8,742	7,917	6,556	5,215	5,667	8,122	9,154	9,786	9,960	16,055
	TOTAL OBS	2572	2392	2682	2595	2690	2565	2683	2600	2597	2686	2605	2649	31316
06-08	MEAN	28.0	28.6	34.9	44.8	54.9	63.6	67.6	66.1	60.1	49.5	39.2	30.3	47.4
	S D	10,560	9,719	9,525	8,676	7,666	6,346	5,019	5,582	8,001	8,980	9,722	9,986	16,670
	TOTAL OBS	2574	2387	2677	2589	2681	2558	2682	2594	2600	2680	2601	2653	31276
09-11	MEAN	30.9	32.0	38.7	48.6	58.0	66.3	70.0	69.0	63.5	53.8	43.2	33.4	50.7
	S D	10,080	9,440	9,454	8,593	7,648	6,457	4,847	5,364	7,611	8,297	9,039	9,539	16,354
	TOTAL OBS	2591	2396	2688	2585	2675	2561	2684	2613	2600	2690	2601	2661	31345
12-14	MEAN	33.7	35.0	41.5	50.9	59.9	67.6	70.9	70.0	65.0	55.9	45.6	36.1	52.8
	S D	9,892	9,300	9,470	8,552	7,546	6,493	4,913	5,405	7,531	8,157	9,073	9,450	15,735
	TOTAL OBS	2578	2398	2685	2593	2677	2564	2675	2599	2606	2691	2598	2661	31325
15-17	MEAN	33.8	35.6	42.1	51.4	60.1	67.7	70.9	70.1	65.0	55.7	45.0	35.8	52.9
	S D	9,805	9,177	9,247	8,306	7,250	6,300	4,746	5,279	7,276	8,054	9,132	9,352	15,643
	TOTAL OBS	2588	2394	2684	2590	2685	2564	2695	2612	2609	2690	2602	2668	31381
18-20	MEAN	31.3	33.0	39.5	49.1	58.3	66.4	69.9	68.7	63.0	53.0	42.2	33.4	50.8
	S D	9,895	9,018	8,995	8,164	7,185	6,224	4,678	5,143	7,462	8,247	9,238	9,450	16,040
	TOTAL OBS	2589	2391	2681	2584	2684	2565	2684	2607	2604	2695	2601	2656	31341
21-23	MEAN	30.0	31.4	37.4	46.8	56.0	64.2	68.1	66.9	61.1	51.2	40.9	32.2	49.0
	S D	10,219	9,129	8,983	8,266	7,336	6,197	4,769	5,331	7,719	8,554	9,535	9,794	15,969
	TOTAL OBS	2585	2393	2681	2586	2679	2529	2688	2608	2605	2680	2598	2653	31285
ALL HOURS	MEAN	30.7	31.8	38.1	47.5	56.8	65.0	68.8	67.7	62.2	52.3	42.0	32.9	49.8
	S D	10,373	9,646	9,663	8,911	7,923	6,737	5,198	5,723	7,992	8,914	9,671	9,898	16,214
	TOTAL OBS	20663	19140	21462	20716	21456	20457	21477	20834	20823	21503	20807	21256	250594

USAFETAC FORM JUL 64 0 89 5 (OL1)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

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

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	22,6	23,4	29,7	39,6	51,0	60,4	64,9	64,0	58,3	47,1	35,7	25,0	43,6
	S D	13,457	12,500	11,867	11,071	9,421	7,449	6,061	6,366	8,929	10,620	11,916	12,904	18,705
	TOTAL OBS	2586	2389	2684	2594	2685	2551	2686	2601	2601	2691	2600	2655	31323
03-05	MEAN	22,3	22,7	29,1	39,1	50,3	59,7	64,3	63,3	57,5	46,5	35,2	24,7	43,0
	S D	13,568	12,673	11,945	10,942	9,484	7,458	6,178	6,508	9,073	10,708	11,860	12,811	18,660
	TOTAL OBS	2572	2391	2682	2595	2690	2565	2683	2600	2597	2686	2605	2649	31315
06-08	MEAN	21,9	22,4	29,1	39,5	51,0	60,7	65,1	63,9	57,8	46,6	35,0	24,6	43,3
	S D	13,603	12,862	12,207	11,118	9,694	7,453	6,151	6,676	9,149	10,720	11,811	12,814	19,025
	TOTAL OBS	2574	2387	2677	2589	2681	2558	2682	2594	2600	2680	2601	2653	31276
09-11	MEAN	23,1	23,7	30,2	40,1	51,4	61,0	65,2	64,4	58,5	47,8	36,1	25,8	44,1
	S D	13,677	13,123	12,211	11,904	10,452	8,178	6,630	7,125	9,700	11,217	11,987	12,883	18,969
	TOTAL OBS	2591	2396	2687	2585	2675	2561	2683	2613	2600	2690	2601	2661	31343
12-14	MEAN	24,0	24,9	30,8	40,2	51,6	60,9	64,5	63,8	58,3	47,6	36,1	26,6	44,2
	S D	13,485	12,984	12,257	12,209	10,547	8,507	7,191	7,642	10,035	11,699	12,404	13,082	18,652
	TOTAL OBS	2578	2398	2684	2593	2677	2564	2675	2599	2606	2691	2598	2661	31324
15-17	MEAN	24,2	25,1	30,9	40,3	51,6	61,1	64,7	64,1	58,5	47,7	36,1	26,6	44,4
	S D	13,373	13,069	12,116	12,107	10,546	8,435	7,165	7,651	9,822	11,609	12,462	13,063	18,647
	TOTAL OBS	2588	2394	2684	2589	2685	2564	2695	2612	2609	2690	2602	2667	31379
18-20	MEAN	23,4	24,5	30,6	40,3	52,0	61,8	65,7	65,0	59,3	48,4	35,9	26,0	44,6
	S D	13,349	12,804	11,865	11,639	10,004	7,971	6,620	6,806	9,075	10,618	11,998	12,879	18,884
	TOTAL OBS	2588	2391	2681	2584	2684	2565	2684	2607	2604	2695	2601	2656	31340
21-23	MEAN	22,9	24,1	30,3	40,2	51,9	61,3	65,6	64,5	58,6	47,6	35,6	25,5	44,1
	S D	13,521	12,429	11,618	11,160	9,330	7,380	6,060	6,380	8,980	10,523	11,970	12,958	18,779
	TOTAL OBS	2585	2393	2681	2586	2679	2529	2688	2608	2605	2680	2598	2653	31285
ALL HOURS	MEAN	23,1	23,8	30,1	39,9	51,4	60,9	65,0	64,1	58,3	47,4	35,7	25,6	43,9
	S D	13,523	12,839	12,030	11,534	9,959	7,887	6,237	6,927	9,367	10,988	12,058	12,944	18,797
	OTAL OBS	20662	19139	21460	20715	21456	20457	21476	20834	20822	21503	20806	21255	250585

USAFETAC FORM JUL 64 0 89 5 (OLI)

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 OCC[illegible]ICE
(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	75.7	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	61.7	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

USAFETAC FORM JUL 64 0-87-5 (OL A)

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	65.4	46.9	30.1	14.4	69.4	2586
	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	2585
TOTALS		100.0	99.9	98.4	90.9	74.5	55.9	39.2	25.6	13.1	65.4	20662

USAFETAC FORM JUL 64 0-87-5 (OL A)

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

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13705 (STATION) ANDREWS AFB WASHINGTON D C (STATION NAME) 44-72 (PERIOD) MAR (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

USAFETAC FORM JUL 64 0-87-5 (OL A)

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	75.7	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

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13705 (STATION) ANDREWS AFB WASHINGTON D C (STATION NAME) 44-72 (PERIOD) MAY (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	99.9	98.6	94.3	85.6	71.2	51.1	25.1	78.4	2685
	03-05	100.0	100.0	100.0	99.4	97.0	90.8	77.9	59.4	33.8	81.8	2690
	06-08	100.0	100.0	99.9	97.9	91.6	79.3	61.1	43.3	21.2	75.4	2681
	09-11	100.0	99.9	97.2	85.3	66.9	46.9	29.5	18.3	7.5	60.8	2675
	12-14	100.0	99.4	91.8	70.6	48.5	29.6	18.9	11.4	4.8	53.0	2678
	15-17	100.0	99.1	88.5	67.1	47.2	31.1	20.9	13.4	6.4	52.8	2685
	18-20	100.0	99.7	96.6	85.8	69.9	51.4	35.4	23.1	11.2	63.0	2684
	21-23	100.0	100.0	99.5	97.2	89.8	77.0	56.8	39.3	19.1	73.6	2679
TOTALS		100.0	99.8	96.7	87.8	75.7	61.5	46.5	32.4	16.1	67.4	21457

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13705 (STATION) ANDREWS AFB WASHINGTON D C (STATION NAME) 43-72 (PERIOD) JUN (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%		
JUN	00-02	100.0	100.0	100.0	99.9	98.9	94.8	84.1	63.1	27.2	82.5	2551
	03-05	100.0	100.0	100.0	100.0	99.6	97.7	89.9	72.8	35.0	85.4	2565
	06-08	100.0	100.0	100.0	99.8	97.8	89.1	70.4	46.2	17.3	77.8	2558
	09-11	100.0	100.0	99.6	94.0	78.3	50.9	27.5	14.0	4.7	62.4	2561
	12-14	100.0	100.0	98.0	81.7	54.8	29.6	16.0	8.9	3.6	54.9	2564
	15-17	100.0	99.9	97.3	80.6	53.6	31.4	18.1	10.2	3.9	55.0	2564
	18-20	100.0	100.0	99.4	94.9	83.2	61.9	38.3	21.4	7.5	66.2	2566
	21-23	100.0	100.0	100.0	99.6	97.3	89.6	70.9	45.9	15.9	77.6	2529
TOTALS		100.0	100.0	99.3	93.8	82.9	68.1	51.9	35.3	14.4	70.2	20458

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13705 (STATION) ANDREWS AFB WASHINGTON D C (STATION NAME) 43-72 (PERIOD) JUL (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%		
JUL	00-02	100.0	100.0	100.0	99.9	99.1	95.7	84.7	63.1	25.1	82.6	2686
	03-05	100.0	100.0	100.0	100.0	99.6	97.7	90.9	73.3	33.4	85.5	2683
	06-08	100.0	100.0	100.0	99.9	98.6	92.0	73.9	50.1	17.0	79.0	2681
	09-11	100.0	100.0	99.8	95.4	80.2	53.8	29.6	13.1	3.4	63.1	2684
	12-14	100.0	100.0	97.8	82.4	56.1	30.7	14.7	6.8	2.1	54.6	2675
	15-17	100.0	100.0	97.0	81.5	55.7	33.1	18.5	10.2	3.8	55.5	2695
	18-20	100.0	100.0	99.4	95.7	84.3	64.4	43.4	24.7	8.7	67.6	2684
	21-23	100.0	100.0	100.0	99.6	97.6	90.9	73.8	47.7	18.3	78.5	2688
TOTALS		100.0	100.0	99.3	94.3	83.9	69.8	53.7	36.1	14.0	70.8	21476

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

RELATIVE HUMIDITY

13705 STATION | ANDREWS AFB WASHINGTON D C STATION NAME | 43-71 PERIOD | AUG MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	100.0	99.6	97.2	88.1	69.6	28.5	84.2	2601
	03-05	100.0	100.0	100.0	100.0	99.9	98.0	91.7	77.4	39.2	86.7	2599
	06-08	100.0	100.0	100.0	100.0	99.3	93.6	81.1	60.7	25.5	81.9	2594
	09-11	100.0	100.0	99.9	97.2	84.0	60.0	35.1	17.8	5.5	65.4	2613
	12-14	100.0	100.0	98.5	85.9	59.9	33.9	17.9	8.2	3.1	56.3	2599
	15-17	100.0	100.0	98.2	85.0	62.4	36.9	19.5	9.0	3.1	56.8	2612
	18-20	100.0	100.0	99.9	97.4	88.7	73.6	51.6	26.7	8.4	70.2	2607
	21-23	100.0	100.0	100.0	100.0	98.8	92.8	80.6	55.6	18.6	80.2	2608
TOTALS		100.0	100.0	99.6	95.7	86.6	73.3	58.2	40.6	16.5	72.7	20833

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

RELATIVE HUMIDITY

12705 STATION | ANDREWS AFB WASHINGTON D C STATION NAME | 43-71 PERIOD | SEP 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%		
SEP	00-02	100.0	100.0	100.0	99.9	99.1	97.1	87.7	69.2	31.7	84.5	2602
	03-05	100.0	100.0	100.0	100.0	99.8	97.9	91.3	75.9	39.3	86.7	2595
	06-08	100.0	100.0	100.0	100.0	98.9	94.5	83.9	62.1	29.4	82.9	2599
	09-11	100.0	100.0	99.6	95.9	82.1	59.9	37.3	20.1	7.0	65.8	2598
	12-14	100.0	99.9	97.7	84.1	58.8	36.0	19.9	10.6	3.6	56.6	2604
	15-17	100.0	99.9	97.4	84.3	61.2	38.8	22.4	11.9	4.8	57.6	2606
	18-20	100.0	100.0	99.7	98.2	92.4	79.9	59.2	33.8	10.5	73.0	2603
	21-23	100.0	100.0	100.0	99.5	97.8	93.0	79.9	57.2	20.6	80.7	2602
TOTALS		100.0	100.0	99.3	95.2	86.3	74.6	60.2	42.6	18.4	73.5	20809

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13705 STATION | ANDREWS AFB WASHINGTON D C STATION NAME | 43-71 PERIOD | OCT 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%		
OCT	00-02	100.0	100.0	100.0	99.3	97.0	90.3	78.0	57.1	29.2	81.0	2690
	03-05	100.0	100.0	100.0	99.6	98.1	93.8	83.2	64.2	37.2	83.7	2686
	06-08	100.0	100.0	100.0	99.6	97.3	91.0	78.0	57.7	31.8	81.6	2680
	09-11	100.0	100.0	98.9	92.0	75.2	54.6	37.4	22.7	11.3	64.8	2690
	12-14	99.9	99.4	94.2	75.8	50.8	32.1	20.5	12.4	6.1	54.6	2691
	15-17	99.9	99.2	94.5	77.5	55.6	36.7	23.6	13.7	6.5	56.4	2690
	18-20	100.0	100.0	99.3	96.7	90.1	76.1	55.1	30.6	11.1	71.6	2695
	21-23	100.0	100.0	99.4	98.2	94.6	87.5	71.4	45.1	18.5	77.4	2680
TOTALS		100.0	99.8	98.3	92.3	82.3	70.3	55.9	37.9	19.0	71.4	21502

USAFETAC FORM JUL 64 0-87-5 (OL A)

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13705 (STATION) ANDREWS 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	99.8	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 0-87-5 (OL A)

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

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

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	99.7	97.2	86.5	67.1	47.4	29.9	15.0	70.0	2655
	03-05	100.0	100.0	99.8	98.4	90.3	71.8	51.9	32.9	15.9	71.8	2649
	06-08	100.0	100.0	100.0	98.6	90.5	73.6	54.4	34.7	16.5	72.4	2653
	09-11	100.0	100.0	99.1	92.1	73.4	52.8	35.6	23.6	11.6	64.5	2661
	12-14	100.0	99.6	94.7	79.6	54.6	37.8	26.6	18.3	8.7	57.6	2661
	15-17	100.0	99.7	95.2	80.1	59.2	40.1	28.3	18.9	9.1	58.7	2667
	18-20	100.0	100.0	98.6	91.9	76.6	55.5	36.7	24.3	12.4	65.3	2656
	21-23	100.0	100.0	99.2	95.4	82.7	62.7	42.8	26.8	13.5	68.0	2652
TOTALS		100.0	99.9	98.3	91.7	76.7	57.7	40.5	26.2	13.0	66.0	21254

USAFETAC FORM JUL 64 0-87-5 (OL A)

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

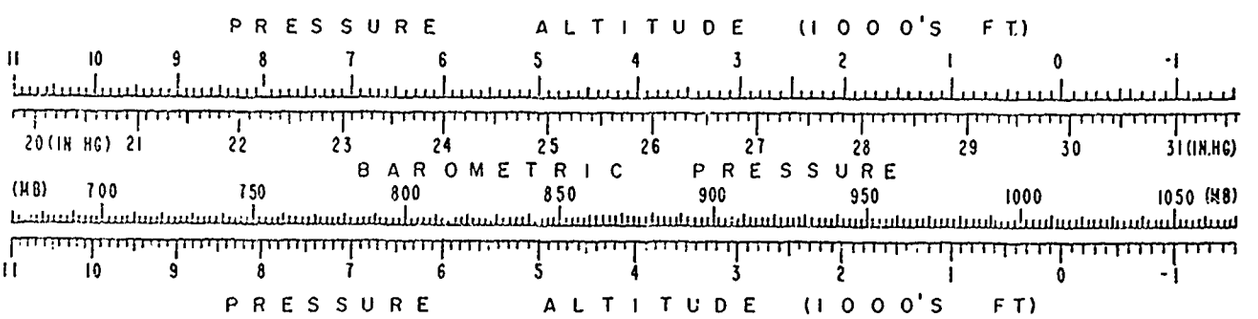
PART F PRESSURE SUMMARY

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

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

13705 ANDREWS AFB WASHINGTON D C 45-72

STATION STATION NAME YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	29.783	29.746	29.705	29.701	29.698	29.687	29.709	29.714	29.779	29.791	29.758	29.792	29.738
01	S D	.251	.280	.238	.222	.173	.144	.127	.122	.164	.198	.233	.251	.210
	TOTAL OBS	828	756	835	802	836	784	830	803	780	804	778	804	9640
	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
04	S D	.260	.280	.247	.227	.180	.149	.130	.126	.168	.202	.236	.254	.215
	TOTAL OBS	706	695	772	743	771	728	793	775	748	774	749	773	9091
	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
07	S D	.260	.284	.253	.234	.182	.150	.130	.126	.171	.206	.242	.254	.217
	TOTAL OBS	827	754	831	803	830	785	825	793	775	804	778	803	9608
	MEAN	29.836	29.788	29.735	29.732	29.731	29.716	29.742	29.750	29.815	29.827	29.796	29.834	29.775
10	S D	.265	.288	.259	.240	.186	.151	.130	.125	.173	.210	.245	.260	.221
	TOTAL OBS	764	698	770	740	768	727	787	775	745	774	748	771	9067
	MEAN	29.771	29.732	29.691	29.695	29.702	29.692	29.717	29.721	29.779	29.776	29.746	29.777	29.733
13	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
	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
16	S D	.251	.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
	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
19	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
	MEAN	29.805	29.756	29.711	29.701	29.701	29.688	29.715	29.721	29.785	29.795	29.769	29.798	29.745
22	S D	.247	.273	.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
	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
ALL HOURS	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

USAFETAC FORM JUL 64 0 89 5 (OL-1)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

13709 ANDREWS APB WASHINGTON D C 43-72

STATION STATION NAME YEARS

HRS (L S T)		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	4.365	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	1017.9	1016.3	1016.1	1016.0	1015.4	1016.2	1016.4	1018.7	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

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