AD-A137 577 PHILLIPS ABERDEEN MARYLAND REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBS..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 03 NOV 83 1/5

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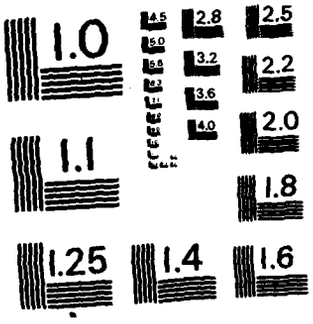

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REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

07 NOV 1983

PHILLIPS/ABERDEEN MD — MSO #72.067
N 39 38 W 76 10 ELEV 59 FT — AFG

PARTS A-F — HOURS SUMMARIZED: 0000Z - 2300Z

PERIOD OF RECORD:
HOURLY OBSERVATIONS: DEC 47 - NOV 57
SUMMARY OF DAY DATA: OCT 36 - NOV 57

TIME CONVERSION GMT TO LST: -5

NOV 0 3 1983

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1 REPORT NUMBER USAFETAC/DS- 83/047	2 GOVT ACCESSION NO. AD-A127 077	3 RECIPIENT'S CATALOG NUMBER
4 TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Phillips, Aberdeen, Maryland		5 TYPE OF REPORT & PERIOD COVERED Final rept.
		6 PERFORMING ORG. REPORT NUMBER
7 AUTHOR(s)		8 CONTRACT OR GRANT NUMBER(s)
9 PERFORMING ORGANIZATION NAME AND ADDRESS USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB IL 62225		10 PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
11 CONTROLLING OFFICE NAME AND ADDRESS USAFETAC/CBD Air Weather Service (MAC) Scott AFB IL 62225		12 REPORT DATE 3 Nov 83
		13 NUMBER OF PAGES p. 320
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		15a DECLASSIFICATION DOWNGRADING SCHEDULE

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 Phillips, Aberdeen, Maryland

It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)

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

* Phillips	* Aberdeen
* MAryland	USMD724057

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.

The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WMO number with the addition of a suffix zero; or, in cases where there is no designated WMO number, a 5-digit number created in agreement with WMO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future OL-A standard products.

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REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

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

DAILY OBSERVATIONS

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

DESCRIPTION OF SUMMARIES

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

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

PART A WEATHER CONDITIONS
- ATMOSPHERIC PHENOMENA

PART B PRECIPITATION
- SNOWFALL
- SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY
- SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP
- EXTREME MAX & MIN TEMP
- PSYCHROMETRIC-DRY VS WET BULB
- MEAN & STD DEV - (DRY BULB, WET BULB, & DEW POINT)
- RELATIVE HUMIDITY

PART F STATION PRESSURE
- SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

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

MISSING HOUR GROUPS

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

JANUARY _____	APRIL _____	JULY _____	OCTOBER _____
FEBRUARY _____	MAY _____	AUGUST _____	NOVEMBER _____
MARCH _____	JUNE _____	SEPTEMBER _____	DECEMBER _____

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WMO NUMBER
724057	Aberdeen MD/Phillips AAF	N 39 28	W 076 10	59	APG	

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT. BARO.	
1.	Aberdeen MD/Phillips Field	A	Oct 36	Jan 43	N 39 28	W 076 10	57 Ft	61 Ft	24
2.	Aberdeen MD/Phillips AAF	AFB	Feb 43	Dec 57	N 39 28	W 076 10	59 Ft	63 Ft	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.	Oct 36	N/A	N/A	N/A	N/A	
2.	Apr 53	1. Top of Hangar NE end 2. Located in station	Selsyn & AN/GMQ1	ML144-B	51 Ft	Rain gauge ML-17 mounted in support ML-214, located 32 Ft S of SE corner of hangar
3.	Dec 57	1. Same 2. Same	Same	Same	Same	Rain gauge ML-17 located on ground in front of hangar

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CONTINUED ON REVERSE SIDE

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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.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

724057 PHILLIPS/ABERDEEN MD 48-57 JAN
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02	.7	11.4	.4	4.0		15.7	16.3	7.0			22.1	903
	03-05	.1	11.8	.8	4.8		17.4	18.2	7.5	.3		25.4	903
	06-08	.3	12.8	.8	4.1		17.3	22.8	13.8	.1		34.0	912
	09-11	.8	11.4	.9	4.0		15.6	16.1	19.0			33.2	903
	12-14	.3	10.1	.6	2.9		13.3	10.9	13.4			23.9	903
	15-17	.4	8.5	.7	2.4		11.2	11.0	12.6			23.0	903
	18-20	.7	8.7	.2	3.2		12.2	11.3	9.5			20.6	903
	21-23	.2	10.5	.2	3.7		14.4	12.7	8.5			20.6	903
TOTALS		.4	10.7	.6	3.6		14.7	14.9	11.4	.1		25.4	7233

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GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

724057 STATION | PHILLIPS/ABERDEEN MD STATION NAME | 48-57 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		10.2		2.4		12.6	16.0	5.4	.1		20.6	849
	03-05		11.8	.8	3.4		15.5	16.7	6.5	.2		22.7	849
	06-08		11.1	.7	2.2		13.9	24.0	15.1	.5		36.9	849
	09-11		11.2	.4	2.4		13.9	16.1	15.4	.4		30.5	849
	12-14		9.8	.6	1.9		12.0	11.0	11.5	.1		21.7	849
	15-17		9.2	.4	2.6		12.0	10.7	8.6			17.8	849
	18-20		10.0	.4	2.9		13.1	15.4	8.7			22.7	849
	21-23		9.0	.4	1.4		10.7	16.0	7.2	.4		22.5	848
TOTALS			10.3	.5	2.4		13.0	15.7	9.8	.2		24.4	6791

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WEATHER CONDITIONS

724057	PHILLIPS/ABERDEEN MD	48-57	MAR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAR	00-02		14.3	.3	2.4		16.1	14.6	2.0	.2		16.2	930
	03-05	.1	11.9	.6	3.3		15.9	16.7	3.8			19.6	930
	06-08		13.1	.8	3.0		16.6	21.3	11.2	.1		29.4	930
	09-11	.3	14.1	.2	3.7		17.5	14.3	9.6	.2		23.5	930
	12-14	.4	12.9		2.0	.1	15.1	10.3	6.0	.3		16.2	930
	15-17	.3	11.6		1.0		12.6	10.1	5.1	.3		14.7	930
	18-20	.6	12.4		1.0		13.2	13.7	4.0	.4		16.6	930
	21-23	.5	14.1		1.2		14.9	15.1	2.7	.2		16.8	930
TOTALS		.3	13.1	.2	2.2	.0	15.2	14.5	5.6	.2		19.1	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

724057 STATION | PHILLIPS/ABERDEEN MD STATION NAME | 48-57 YEARS | APR 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
APR	00-02	.3	14.4		.2		14.7	14.4	4.3			18.3	900
	03-05	.2	15.0				15.0	19.6	7.1			25.7	900
	06-08	.1	12.8		.1		12.9	19.6	10.9			28.8	900
	09-11	.1	13.8		.1		13.9	11.7	9.0			20.1	900
	12-14	.6	14.6		.2		14.6	8.2	6.6			14.4	900
	15-17	.9	11.4				11.4	7.2	4.6			11.6	900
	18-20	.4	12.9				12.9	8.9	5.3			13.9	900
	21-23	.6	12.1				12.1	10.9	4.1			14.4	900
TOTALS		.4	13.4		.1		13.4	12.6	6.5			18.4	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

724057 — STATION
PHILLIPS/ABERDEEN MD — STATION NAME
48-57 — YEARS
MAY — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAY	00-02	1.7	13.3			.1	13.3	16.6	4.5			2[illegible].3	930
	03-05	1.2	12.3				12.3	27.7	7.4			33.0	930
	06-08	.2	12.0				12.0	22.6	14.1			34.7	930
	09-11	.2	8.9				8.9	11.2	10.8			21.4	930
	12-14	.9	9.8				9.6	5.2	12.3			17.3	930
	15-17	2.3	8.3				8.3	3.3	7.7			10.9	930
	18-20	3.1	11.4				11.4	7.4	6.5		.1	13.4	930
	21-23	2.2	12.7				12.7	10.2	5.5			15.2	930
TOTALS		1.5	11.1			.0	11.1	13.0	8.6		.0	20.8	7440

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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

724057 PHILLIPS/ABERDEEN MD 48-57 JUN
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUN	00-02	1.1	6.3				6.3	14.7	6.6		.1	20.3	900
	03-05	.2	7.6				7.6	30.6	9.9			36.8	900
	06-08	.3	9.6				9.6	17.6	17.9			32.8	900
	09-11		8.6				8.6	5.8	13.7			19.1	900
	12-14	.8	7.1				7.1	2.9	8.3			11.1	900
	15-17	4.4	7.7			.1	7.7	2.6	5.4			6.0	900
	18-20	3.3	6.3				6.3	4.8	6.6			11.3	900
	21-23	1.4	6.8				6.8	6.9	6.6			13.1	900
TOTALS		1.4	7.5			.0	7.5	10.7	9.4		.0	19.1	7200

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

724057 PHILLIPS/ABERDEEN MD 46-57 JUL
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUL	00-02	1.6	5.2				5.2	13.2	8.1			21.2	930
	03-05	.1	3.4				3.4	27.2	11.7			35.2	930
	06-08	.1	4.0				4.0	14.3	20.8			31.7	930
	09-11	.4	4.9				4.9	2.2	14.1			16.0	930
	12-14	1.6	5.7				5.7	1.2	11.4			12.6	930
	15-17	4.4	6.0				6.0	1.4	7.5			8.9	930
	18-20	3.0	4.9				4.9	3.7	10.3		.1	13.8	930
	21-23	1.5	6.0				6.0	7.1	9.8			16.5	930
TOTALS		1.6	5.0				5.0	8.8	11.7		.0	19.5	7440

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WEATHER CONDITIONS

724057 PHILLIPS/ABERDEEN MD 48-57 AUG
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
AUG	00-02	1.2	6.6				6.6	17.6	8.5			25.2	930
	03-05	.5	7.1				7.1	28.7	10.9			37.3	930
	06-08	.2	8.9				8.9	27.3	17.1			42.4	930
	09-11	.6	7.1				7.1	7.0	15.4			22.0	930
	12-14	.8	5.2				5.2	2.0	11.2			13.2	930
	15-17	2.3	5.2				5.2	1.9	9.5			11.4	930
	18-20	3.9	6.7				6.7	3.8	13.0			16.3	930
	21-23	2.2	7.1				7.1	7.3	11.6			18.4	930
TOTALS		1.5	6.7				6.7	12.0	12.2			23.3	7440

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GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

724057 PHILLIPS/ABERDEEN MD 48-57 SEP
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
SEP	00-02	.2	7.8				7.8	17.8	5.0			22.1	900
	03-05	.4	8.3				8.3	27.4	5.3			32.0	900
	06-08	.1	6.1				6.1	26.4	16.2			40.3	900
	09-11	.3	6.0				6.0	5.9	16.4			21.3	900
	12-14	.6	6.2				6.2	2.7	11.3			13.6	900
	15-17	1.3	5.9				5.9	2.9	8.7			11.2	900
	18-20	2.2	6.8				6.8	5.4	9.8			15.0	900
	21-23	.8	7.0				7.0	9.8	7.1			16.6	900
TOTALS		.7	6.6				6.8	12.3	10.0			21.5	7200

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 46-57 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
OCT	00-02	.3	6.0		.1		6.1	18.5	6.3			24.1	930
	03-05	.4	7.5		.2		7.7	28.2	8.7			35.5	930
	06-08	.1	8.1		.1		8.2	33.0	13.8			43.0	930
	09-11		7.2				7.2	10.6	15.6			25.5	930
	12-14	.1	8.0				8.0	4.0	10.1			14.1	930
	15-17	.2	6.8				6.8	2.8	8.8			11.5	930
	18-20	.8	7.5				7.5	5.7	9.5			14.6	930
	21-23		6.6				6.6	12.6	9.0			20.5	930
TOTALS		.2	7.2		.1		7.3	14.4	10.2			23.6	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

724057 PHILLIPS/ABERDEEN MD 48-57 NOV
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
NOV	00-02	.3	9.8		1.1		10.9	17.2	7.3	.3		23.3	900
	03-05	.1	9.6		1.0		10.6	19.6	9.4	.3		26.8	900
	06-08		8.7		1.2		9.8	25.9	15.9	.2		36.3	900
	09-11		9.3		1.4		10.2	13.1	16.0			26.4	900
	12-14	.2	8.1	.1	1.3		9.3	8.0	10.3			17.3	900
	15-17	.1	9.9		.7		10.6	7.9	10.8			17.3	900
	18-20	.1	9.1		.9		10.1	10.7	9.1			18.3	898
	21-23		9.7		1.1		10.8	12.3	9.1	.3		20.8	897
TOTALS		.1	9.3	.0	1.1		10.3	14.3	11.0	.1		23.3	7195

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

724057 PHILLIPS/ABERDEEN MD 47-56 DEC
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
DEC	00-02		10.4	.3	1.1		11.8	17.1	7.5			23.6	906
	03-05		7.7	.6	1.1		9.4	18.3	9.4			25.4	906
	06-08		9.2	.3	1.8		11.2	23.5	15.9			35.8	914
	09-11		10.2	.6	1.8		12.1	17.2	18.5			33.4	906
	12-14		8.6	.4	1.5		10.3	10.0	11.7			21.4	906
	15-17		10.9	.3	2.5		13.4	10.3	10.2			19.6	906
	18-20		11.6	.3	1.2		13.0	11.3	9.2			19.8	906
	21-23		12.0	.2	1.3		13.6	11.9	9.2			20.2	906
TOTALS			10.1	.4	1.5		11.9	15.0	11.5			24.9	7256

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

724057 PHILLIPS/ABERDEEN MD 47-57 ALL
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	ALL	.4	10.7	.6	3.6		14.7	14.9	11.4	.1		25.4	7233
FEB			10.3	.5	2.4		13.0	15.7	9.8	.2		24.4	6791
MAR		.3	13.1	.2	2.2	.0	15.2	14.5	5.6	.2		19.1	7440
APR		.4	13.4		.1		13.4	12.6	6.5			18.4	7200
MAY		1.5	11.1			.0	11.1	13.0	8.6		.0	20.8	7440
JUN		1.4	7.5			.0	7.5	10.7	9.4		.0	19.1	7200
JUL		1.6	5.0				5.0	8.8	11.7		.0	19.5	7440
AUG		1.5	6.7				6.7	12.0	12.2			23.3	7440
SEP		.7	6.8				6.8	12.3	10.0			21.5	7200
OCT		.2	7.2		.1		7.3	14.4	10.2			23.6	7440
NOV		.1	9.3	.0	1.1		10.3	14.3	11.0	.1		23.3	7195
DEC			10.1	.4	1.5		11.9	15.0	11.5			24.9	7256
TOTALS		.7	9.3	.1	.9	.0	10.2	13.2	9.8	.1	.0	21.9	87275

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

PART A ATMOSPHERIC PHENOMENA

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

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

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

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

NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.

(2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.

(3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 5/8 mile.

GLOBAL CLIMATOLOGY BRANCH
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XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

724057	PHILLIPS/ABERDEEN MD	46-57	ALL
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	DAILY	.3	40.9	1.4	17.4		47.9	42.7	49.0	.3		62.5	363
FEB		.3	39.4	1.2	11.9	.3	39.5	37.7	41.8	1.8		54.3	337
MAR		4.8	46.6	1.1	12.9	.3	48.4	36.6	32.3	1.1		47.3	372
APR		7.2	53.7		1.4	.3	48.3	41.9	39.2			55.6	360
MAY		19.9	54.7			.8	52.6	50.7	43.9			58.2	371
JUN		17.5	40.7			.3	39.2	49.2	50.6			61.9	360
JUL		17.8	39.8				36.7	46.3	48.5			62.5	365
AUG		16.3	40.9			.3	37.0	51.4	56.6			68.5	362
SEP		8.8	39.3				35.8	49.7	47.7		.3	61.9	352
OCT		2.5	33.9		.8		32.3	50.6	48.1		.3	61.3	362
NOV		1.7	34.9	.6	6.0		38.0	45.7	48.0	.6		62.0	350
DEC			36.7	1.5	11.7		38.4	44.1	48.3			64.0	333
TOTALS		6.1	41.8	.5	5.2	.2	41.2	45.5	46.2	.3	.0	60.0	4287

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PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

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

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.

2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	".00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

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

NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.

(2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.

(3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:		U. S. Navy and National Weather Service (USWB)	
Beginning thru 1945	at 0800LST	Beginning thru Jun 52	at 0030GMT
Jan 46-May 57	at 1230GMT	Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT	Jun 57-present	at 1200GMT

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

72405 STATION — PHILLIPS/ABERDEEN MO STATION NAME — 39-57 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	50.8	15.5	2.6	6.4	4.6	8.4	6.8	3.6	1.6						33.7	549	[illegible]	[illegible]	[illegible]
FEB	59.3	13.8	2.0	3.3	3.7	5.1	7.1	4.7	1.0						27.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MAR	50.1	15.3	1.9	5.3	3.2	6.5	6.5	6.6	2.7						34.6	589	[illegible]	[illegible]	[illegible]
APR	48.8	17.9	2.6	6.0	4.4	7.4	5.6	4.9	2.5						33.3	57[illegible]	[illegible]	[illegible]	[illegible]
MAY	47.9	14.4	3.2	6.0	4.9	7.1	5.3	5.9	3.1	.2					37.7	5[illegible]	[illegible]	[illegible]	[illegible]
JUN	56.9	12.1	2.8	5.3	3.5	5.4	5.4	5.3	3.2						[illegible]	5[illegible]	[illegible]	[illegible]	[illegible]
JUL	56.8	13.9	2.2	4.8	3.8	5.5	3.9	4.6	2.1	.2					27.3	5[illegible]	[illegible]	[illegible]	[illegible]
AUG	62.2	10.2	1.2	4.0	3.8	5.9	5.4	4.1	2.0	.3					27.6	57[illegible]	[illegible]	[illegible]	[illegible]
SEP	63.9	11.4	1.2	3.6	3.6	5.2	4.8	3.9	2.1	.4					24.7	5[illegible]	[illegible]	[illegible]	[illegible]
OCT	63.[illegible]	12.9	2.6	4.0	2.8	3.8	4.8	4.1	2.1						24.1	5[illegible]	[illegible]	[illegible]	[illegible]
NOV	58.9	13.2	2.1	5.9	1.4	5.4	6.3	4.1	2.3	.2	.2				27.9	56[illegible]	[illegible]	[illegible]	[illegible]
DEC	58.9	10.7	2.2	5.5	3.3	7.3	5.6	4.4	2.2						30.4	5[illegible]	[illegible]	[illegible]	[illegible]
ANNUAL	56.6	13.4	2.2	5.2	3.6	6.2	5.6	4.7	2.3	.1	.0				29.4	67[illegible]	[illegible]	[illegible]	[illegible]

USAFETAC FORM 0-15-5 OCT 75 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

FROM DAILY OBSERVATIONS

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 39-57 (YEARS)

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
39			.75	1.77	1.83	1.16	.69	2.24	.72	1.08	.27	.85	
40	.83	.38	1.48	2.10	.88	.55	1.24	1.12	.78	.63	1.18	1.01	2.10
41	1.16	.70	.98	.66	.74	1.52	1.14	1.25	.09	.74	1.00	2.06	2.06
42	1.65	.88	1.26	.74	.76	.90	1.85	1.72	1.15	1.80	.92	.75	1.85
43	.92	.41	1.06	1.30	1.78	1.04	1.00	.76	.28	2.12	1.79	1.34	2.12
44	1.24	.42	1.01	1.11	1.22	.97	.90	1.69	3.93	.87	2.15	.69	3.93
45	.98	.78	.40	.92	.81	1.88	1.69	1.08	1.72	.47	1.20	1.53	1.68
46	.28*	.92	.62	.71	1.05	1.34	3.29	1.29	1.91	.70	.57	1.08	3.09
47	.62	.09	.46	1.30	1.13	1.11*	.26*	.51*	.69*	.87*	2.23*	.92	* .27
48	* 1.97	.76	.87	1.60	1.63	1.24	1.98	1.44	1.62	.86	1.40	1.77	* 1.97
49	1.68	.59	1.23	.79	1.24	.22	1.86	1.73	1.28	1.69	.31	.72	1.86
50	.39	.84	1.39	.20	1.51*	.91	.63	1.29	2.09	1.45	2.41	1.72	2.41
51	.77	1.07	1.10	.88	1.30	1.65	1.98	.56	.45	.76	1.4[illegible]	1.16	1.98
52	1.24	.74	1.34	1.77	2.78	.70	1.92	.83	1.99	.58	2.79	.79	2.79
53	1.50	1.10	1.44	.98	1.14	1.14	1.35	.85	.97	1.72	.7[illegible]	1.15	1.72
54	.37	.17	1.17	.66	1.18	1.40	.80	1.43	.56	.92	.75	.87	1.43
55	.16	1.04	1.22	1.34	.57	2.23	.81	4.59	.4[illegible]	.76	.57	.76	4.59
56	.44	.82	1.59	.70	.76	1.03	1.14	2.76	1.03	1.[illegible]7	5.79	1.[illegible]7	5.79
57	.41	.56	1.03	1.16	1.45	.99	.51	1.17	2.15	.62	.54		
MEAN	.862	.668	1.074	1.099	1.251	1.171	1.349	1.467	1.354	1.047	1.430	1.054	2.622
S D	.490	.298	.335	.501	.517	.470	.661	.894	1.029	.496	1.299	.418	1.318
TOTAL OBS	549	508	589	570	589	569	583	579	562	581	560	550	6789

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
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EXTREME VALUES
MONTHLY PRECIPITATION

FROM DAILY OBSERVATIONS

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 39-57 (YEARS)

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
39			3.42	5.03	1.91	3.82	1.72	3.97	2.83	4.38	.33	2.47	
40	1.22	2.03	3.52	6.83	3.62	1.60	2.25	5.34	1.47	2.25	5.14	2.98	38.25
41	3.16	1.57	1.80	2.03	2.56	5.36	4.38	2.71	.09	1.31	1.59	2.94	29.50
42	3.74	2.55	5.67	.85	1.79	2.49	6.20	4.46	2.25	5.09	2.75	3.44	41.28
43	2.06	1.26	4.84	2.97	5.34	3.34	2.54	1.29	.90	5.46	3.21	1.57	34.78
44	2.55	.90	6.20	3.63	3.13	3.42	2.84	2.45	6.40	1.87	4.38	2.20	39.97
45	2.45	2.93	.84	3.16	4.18	5.30	5.63	3.57	5.74	1.18	3.68	4.79	43.45
46	1.23*	2.29	2.31	1.75	6.68	2.93	4.98	2.76	4.23	2.40	1.03	2.05	*34.64
47	2.91	.29	1.86	3.00	4.82	3.23*	.72*	.70*	2.53*	.91*	4.37*	1.68	*27.02
48	* 3.99	2.39	3.97	3.70	7.17	4.72	2.47	4.59	2.82	1.63	5.33	5.55	*48.33
49	5.69	3.51	3.09	2.83	4.72	.36	3.74	3.07	3.51	4.37	.98	2.72	38.59
50	1.42	3.31	5.19	.77	6.06*	2.71	1.84	4.30	6.73	2.78	3.25	2.62	*40.98
51	2.88	3.32	3.62	2.23	2.58	5.57	4.20	1.06	1.08	2.25	5.13	4.09	38.03
52	5.61	2.07	4.32	7.24	4.72	2.91	3.40	2.53	3.18	.96	5.32	3.65	45.91
53	5.46	2.50	5.07	4.58	4.66	2.51	2.37	1.62	1.68	3.00	1.98	3.35	38.79
54	1.55	.53	3.62	1.82	2.69	1.55	2.36	4.83	1.71	2.61	2.91	2.86	29.04
55	.60	2.94	4.75	3.46	1.98	6.37	1.08	12.96	1.21	2.44	.92	.21	38.92
56	1.83	3.92	5.01	2.53	1.99	2.67	4.82	4.42	3.26	3.15	9.12	3.94	46.66
57	2.31	3.01	3.05	3.19	2.53	4.50	1.02	2.31	6.03	2.56	2.60		
MEAN	2.745	2.296	3.797	3.242	3.849	3.481	3.213	3.792	3.062	2.761	3.314	3.025	38.705
S D	1.571	1.074	1.427	1.726	1.687	1.582	1.536	2.612	2.031	1.303	2.180	1.235	5.325
TOTAL OBS	549	508	589	570	589	569	583	579	562	581	560	550	6789

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

CL AL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL
(FROM DAILY OBSERVATIONS)

724-5 STATION PHILLIPS/ABERDEEN MD STATION NAME 46-57 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	80.4	9.9	2.2	3.6	1.7	1.4	.8							9.6	363	4.5	11.3	TRACE
FEB	87.0	5.6	2.4	2.4	1.2	.6	.3	.3	.3					7.4	338	3.4	14.3	.0
MAR	87.4	8.6	1.3	1.1	.8	.3	.5							4.0	372	1.8	7.6	.0
APR	98.9	.8	.3											.3	360	TRACE	.1	.0
MAY	100.0														372	.0	.0	.0
JUN	100.0														360	.0	.0	.0
JUL	100.0														341	.0	.0	.0
AUG	100.0														362	.0	.0	.0
SEP	100.0														352	.0	.0	.0
OCT	99.2	.8													364	TRACE	TRACE	.0
NOV	93.7	4.6		.9	.3		.3	.3						1.7	350	1.3	8.5	.0
DEC	86.7	9.9	1.8	.9			.3		.3					3.3	332	1.0	7.0	TRACE
ANNUAL	94.4	3.3	.7	.7	.3	.2	.2	.0	.0					2.2	4266	12.0		

USAFETAC FORM OCT 78 0-15-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

FROM DAILY OBSERVATIONS

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 46-57 (YEARS)

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
46	1.6*	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	1.6
47	3.7	4.7	1.8	.0	.0	.0	*	.0*	.0*	.0*	.0*	4.2	
48	1.4	8.5	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	7.0	8.5
49	3.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	3.0
50	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	1.0	TRACE	1.0
51	.2	.4	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.5	.5
52	4.0	TRACE	3.5	.0	.0	.0	.0	.0	.0	TRACE	2.4	1.0	4.0
53	2.9	.9	4.0	.0	.0	.0	.0	.0	.0	.0	4.5	TRACE	4.5
54	3.9	1.1	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.4	3.9
55	1.0	3.0	2.3	.0	.0	.0	.0	.0	.0	.0	1.0	TRACE	3.0
56	1.4	.6	2.9	.1	.0	.0	.0	.0	.0	.0	TRACE	TRACE	2.9
57	1.9	.5	.1	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE		
MEAN	2.15	1.79	1.22	.01	.00	.00	.00	.00	.00	TRACE	.81	.95	2.85
S D	1.444	2.662	1.579	.028	.000	.000	.000	.000	.000	.000	1.493	2.154	1.921
TOTAL OBS	363	338	372	360	372	360	341	362	352	364	350	332	4266

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AM 60 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY SNOWFALL

FROM DAILY OBSERVATIONS

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 46-57 (YEARS)

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
46	2.2*	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	* 4.7
47	8.9	12.0	3.0	.0	.0	.0	.*	.0*	.0*	.0*	.0*	4.2	
48	* 3.0	14.3	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	7.0	* 24.3
49	4.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	4.0
50	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	1.0	TRACE	1.0
51	.2	.4	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.6	1.2
52	4.0	TRACE	4.1	.0	.0	.0	.0	.0	.0	TRACE	3.3	1.0	12.4
53	5.7	.9	4.0	.0	.0	.0	.0	.0	.0	.0	8.5	TRACE	19.1
54	11.3	1.1	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.6	13.0
55	2.5	7.0	2.4	.0	.0	.0	.0	.0	.0	.0	1.0	TRACE	12.9
56	2.0	.6	7.6	.1	.0	.0	.0	.0	.0	.0	TRACE	TRACE	10.3
57	9.2	1.0	.1	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE		
MEAN	4.55	3.39	1.77	.01	.00	.00	.00	.00	.00	TRACE	1.25	1.02	9.29
S D	3.793	5.240	2.484	.028	.000	.000	.000	.000	.000	.000	2.604	2.143	6.501
TOTAL OBS	363	338	372	360	372	360	341	362	352	364	350	332	4266

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AW 60 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

72405 STATION — PHILLIPS/ABERDEEN MD STATION NAME — 36-57 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	76.2	6.3	6.6	3.3	3.8	3.6	.2							17.5	635			
FEB	81.6	7.0	3.6	3.1	1.5	1.5	1.7							11.4	587			
MAR	92.7	3.4	1.1	1.4	.9	.5								3.9	647			
APR	99.2	.6	.2											.2	630			
MAY	100.0														651			
JUN	100.0														630			
JUL	100.0														645			
AUG	100.0														620			
SEP	100.0														600			
OCT	100.0														671			
NOV	98.1	1.2	.3		.2		.2							.6	648			
DEC	89.5	2.5	3.0	2.0	1.3	1.1	.6							8.0	640			
ANNUAL	94.8	1.7	1.2	.8	.6	.6	.2							3.5	7604			

USAFETAC FORM 0-15-5 OCT 78 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

FROM DAILY OBSERVATIONS

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 36-57 (YEARS)

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
36										0	0	0	
37	0*	TRACE*	TRACE	0	0	0	0	0	0	0	0	0	*TRACE
38	TRACE	TRACE	TRACE	0	0	0	0	0	0	0*	0	0	TRACE
39	*TRACE	0	0	0	0	0	0	0	0	0	0	4	4
40	3	3	0	1	0	0	0	0	0	0	0	1	3
41	5	3	5	0	0	0	0	0	0	0	0	0	5
42	2	TRACE	3	0	0	0	0	0	0	0	0	2	3
43	4	2	3	0	0	0	0	0	0	0	TRACE	0	4
44	3	2	2	TRACE	0	0	0	0	0	0	0	2	3
45	5	5	0	0	0	0	0	0	0	0	0	8	8
46	1	7*	0	0	0	0	0	0	0	0	0	1	7
47	1	8	2	0	0	0*	0		*	0*	0*	3	
48	* 6	10	0	0	0	0	0	0	0	0	0	6	10
49	3	4	1	0	0	0	0	0	0	0	0	0	4
50	TRACE	0	0	0	0	0	0	0	0	0	TRACE	TRACE	TRACE
51	TRACE	1	TRACE	0	0	0	0	0	0	0	0	2	2
52	2	0	4	0	0	0	0	0	0	0	TRACE	TRACE	4
53	3	TRACE	TRACE	0	0	0	0	0	0	0	9	0	9
54	8	1	TRACE	TRACE	0	0	0	0	0	0	0	TRACE	8
55	3	3	1	0	0	0	0	0	0	0	0	0	3
56	5	0	4	0	0	0	0	0	0	0	0	TRACE	5
57	5	3	0	0	0	0	0	0	0	0	0		
MEAN	2.8	2.6	1.3	.0	.0	.0	.0	.0	.0	.0	.5	1.3	4.8
S D	2.200	2.945	1.701	.218	.000	.000	.000	.000	.000	.000	2.012	2.250	2.499
TOTAL OBS	640	591	647	630	651	630	645	620	600	671	648	641	7618

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AR 64 0-88-3 (OLA)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C SURFACE WINDS

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

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

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

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

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

a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.

b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

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

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

C

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

FROM DAILY OBSERVATIONS

724057 PHILLIPS/ABERDEEN MD 46-57
STATION STATION NAME YEARS

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
46									NNW 34	NNW 35	WNW *43	NW 45	
47	SSW 44	WNW 51	NW 60	N 40	NW 42	NW *40	E *44		NNE *32		N *36	WNW *43	
48	ENE *34	WNW 42	S 36	WNW *38	NW 35	SW 54	W 36	NW *28	SW *42	47	WNW 40	NW 38	SW 54
49	WNW 40	WNW 39	NW *43	WNW 41	WNW 50	ESE 37	WNW 36	ESE 37	SW 40	NNE *24	N 38	NNW 39	WNW 50
50	NNW 43	N 43	NW 46	SSW 41	NNW 30	NNW 34	SW 35	NW 46	W 37	W 52	SSE 56	NNW 45	SSE 56
51	WNW 50	WNW 46	ENE 46	WNW 42	WNW 30	SW 40	W 32	SW 57	WNW 28	NNE 30	N 42	NW 44	SW 57
52	NW 37	NW 46	NW 45	S 42	WNW 49	WSW 45	SSW 36	E 35	ESE *54	WNW 58	E 43	NW 43	WNW 58
53	NNW 42	W 49	WNW 42	W 38	NW 35	SW 48	NW 36	N 32	N 44	N 44	N 56	SSW 46	N 56
54	NW 43	NNW 43	NNW 45	NNW 42	NNW 33	WNW 36	NNW 48	NNW 48	NNW 42	SSE 67	WNW 45	NNW 40	SSE 67
55	NNW 42	NW 39	WNW 52	NW *38	NW 59	ESE *43	SSW *29	NE 45	N *32	WNW 55	WNW *47	NW *37	NW 59
56	WNW *43	NW *54	WNW *47	NW *37	SSW *50	WNW *43	NNW *46	NNW *37	ESE *39	NW 34	WNW 40	NNW 39	NW *54
57	WNW 58	NW 34	NNW 34	WNW 41	WSW 30	SSW 45	NW 25	NNW 25	NNE 38	NE 50	S 40		
MEAN	44.3	43.2	45.1	40.9	39.3	42.4	35.5	40.6	37.6	47.2	44.4	42.1	59.0
S D	6.185	5.073	7.801	1.356	10.220	6.823	6.325	10.239	5.350	11.689	6.858	3.100	5.354
TOTAL OBS	321	303	332	312	333	307	300	282	298	330	333	326	3777

NOTES * (BASED ON LESS THAN FULL MONTHS)

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

% (BASED ON LESS THAN FULL MONTHS AND >100 KNOTS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 49-57 (YEARS) JAN (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	1.0	1.6	2.0	1.0	.4							6.0	8.2
NNE	1.1	1.9	.8	.9	.8							5.4	8.3
NE	1.1	1.2	2.1	.4		.1						5.0	6.9
ENE	2.1	2.0	1.3	.8	.2							6.4	6.4
E	1.4	1.8	1.3	.3								4.9	5.8
ESE	.6	.1	.1									.8	3.3
SE	.9	.6	.3									1.8	4.1
SSE		.1	.3	.2								.7	8.8
S	.7	.6	.7									1.9	5.8
SSW	.7	1.1	1.3	1.2	.4	.3						5.1	10.2
SW	.3	1.7	2.1	.8	.2							5.5	7.7
WSW	.6	1.7	.7	.2								3.1	5.7
W	1.7	1.8	1.6	.4								5.4	5.7
WNW	.8	2.2	1.9	1.0	.9							6.8	8.7
NW	1.1	2.8	1.8	2.1	1.3							9.1	9.4
NNW	.9	2.1	3.3	2.3	1.0	.6						10.2	10.3
VARBL													
CALM												22.0	
	15.3	23.0	21.6	11.7	5.3	1.0						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 903

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 0300-0500 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.2	2.5	1.0	.4	.4						7.6	8.7
NNE	.9	1.3	1.1	.8	.4							4.5	8.1
NE	.9	1.7	2.4	1.0								6.[illegible]	7.7
ENE	.7	2.0	2.7	.7	.2							6.2	7.5
E	1.0	1.9	1.3	.1								4.2	5.5
ESE	.2	.2	.1	.2								.8	7.1
SE	.7	.2	.1									1.0	3.7
SSE	.1	.2		.1								.4	6.8
S	.7	.6	.4	.3								2.0	6.1
SSW	.3	.4	1.1	1.0	.8	.3						4.0	12.0
SW	1.2	1.6	.9	1.6	.1							5.3	7.6
WSW	1.0	1.9	.7	.6								4.1	6.5
W	1.8	2.4	2.1	.4								6.8	6.0
WNW	.8	2.5	2.3	.7	.1							6.4	7.1
NW	1.7	2.1	2.4	3.2	.3	.4						10.2	9.7
NNW	1.1	2.1	2.9	2.2	1.3	.2						9.9	10.1
VARBL													
CALM												20.6	
	14.0	23.3	23.1	13.8	3.8	1.4						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 903

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 0600-0800 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	2.2	1.9	1.1	.6	.1						7.2	8.2
NNE	.8	1.9	2.1	.7	.4							5.9	7.8
NE	1.3	1.9	1.6	.7								5.4	6.2
ENE	.9	1.4	1.3	1.7	.2	.1						5.7	8.8
E	.5	1.3	.8	.4								3.1	6.5
ESE	.1	.1	.1									.3	5.3
SE	.4	.6	.1									1.1	4.4
SSE	.1	.1	.2									.4	5.8
S	.2	1.3	.3	.2								2.1	6.1
SSW	.5	.5	1.1	1.0	.9	.1						4.7	10.1
SW	1.3	.7	2.0	1.4	.4							5.9	8.5
WSW	.7	2.8	1.4	.2								5.1	6.0
W	1.7	1.6	2.0	.3	.2							5.8	6.1
WNW	1.0	2.0	1.3	1.0	.2	.2	.1					5.9	8.5
NW	1.3	2.0	3.3	2.0	.9	.3						9.9	9.4
NNW	1.3	1.7	2.9	2.7	1.7	.1						10.3	10.5
VARBL													
CALM												21.3	
	13.9	22.3	22.5	13.4	5.5	1.0	.1					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 922

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	1.0	2.1	1.6	.9	.1						7.2	9.5
NNE	.3	.6	1.2	1.2	.1		.1					3.5	9.8
NE	.7	1.1	1.2	.8		.1	.1					4.2	8.7
ENE	1.0	1.2	2.1	2.0	.3							6.6	9.0
E	.3	1.3	1.0	.4								3.1	7.4
ESE		.4	.2									.7	5.5
SE	.3	.4	.1	.1								1.0	5.3
SSE	.2	.2	.6	.2								1.2	7.1
S	.3	.4	.7									1.4	5.8
SSW	.6	1.1	1.8	1.9	.9	.1						6.3	10.8
SW	1.4	1.6	2.1	1.7	.2							7.0	8.3
WSW	.8	1.1	1.4	.7								4.0	7.6
W	1.2	1.6	1.1	.7	.4							5.0	7.5
WNW	.3	2.0	2.1	1.7	1.1	.3	.2					7.8	11.4
NW	1.2	1.3	2.5	3.0	1.8	.9						10.7	11.7
NNW	.8	.9	4.8	5.0	2.9	1.1						15.4	12.7
VARBL													
CALM												15.1	
	11.1	16.3	25.0	20.8	8.6	2.7	.4					100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 903

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (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	.4	.6	1.3	2.0	1.0	.1						5.4	11.8
NNE	.3	.2	1.1	1.3	.2	.1						3.3	10.5
NE	.3	.3	.9	1.1	.1	.2	.1					3.1	11.5
ENE	.8	1.7	2.2	.7								5.3	7.1
E	.3	1.4	1.0	.3								3.0	6.6
ESE	.1	.1	.3	.3								.9	9.5
SE	.8	.4	.1									1.3	3.8
SSE	.1	.2	.1		.1							.5	7.8
S	.4	1.3	1.4	.6	.1							3.9	7.5
SSW	1.0	2.0	3.8	2.2	1.6	.2						10.7	10.1
SW	.9	1.7	3.0	2.3	.4							8.3	9.2
WSW	.4	2.2	1.4	.2								4.3	6.2
W	.3	1.0	1.0	1.2	.1	.1						3.5	9.4
WNW	.6	1.4	1.6	2.2	1.4	.3						7.5	11.5
NW	.6	2.2	4.3	4.2	2.4	1.2	.1					15.1	12.1
NNW	.2	1.1	3.4	5.4	3.4	1.4	.3					15.4	14.1
VARBL													
CALM												7.5	
	8.1	17.9	27.0	24.1	11.0	3.8	.6					100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 903

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 49-57 (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	.1	1.2	2.8	1.0	.4							6.4	9.8
NNE	.1	.3	.9	.6								1.9	9.1
NE	.3	.9	1.2	.6	.7							3.7	9.7
ENE	.1	1.3	1.3	.6								3.5	7.8
E	1.0	1.2	1.0	.7								3.9	6.7
ESE	.4	.3	.3	.8								1.9	8.4
SE	.8	.9	.4									2.1	4.8
SSE	1.2	.7	.1		.1							2.1	4.4
S	1.4	1.6	1.4	.9								5.3	6.3
SSW	1.3	2.5	2.9	3.0	.2							10.0	8.4
SW	2.1	1.3	1.8	.4	.3							6.0	6.6
WSW	.8	1.1	1.0	.4								3.3	6.5
W	.8	.7	1.0	.6	.2							3.2	8.1
WNW	1.2	1.2	3.2	1.7	1.8	.2						9.3	10.4
NW	1.1	1.9	4.0	3.5	1.8	.3						12.6	10.7
NNW	.2	1.3	4.2	3.4	2.2	.8						12.2	12.5
VARBL													
CALM												12.6	
	13.1	16.7	27.6	18.9	7.8	1.3						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 903

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
724057	PHILLIPS/ABERDEEN MD	48-57	JAN

CLASS: ALL WEATHER

HOURS (L S T): 1800-2000

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.2	2.1	1.2	.8	.3						6.5	10.2
NNE	.6	1.7	1.3	.7								4.2	7.3
NE	1.3	1.2	1.2	.9	.1							4.8	7.2
ENE	.2	1.3	.7	.7	.6							3.4	9.5
E	1.0	1.7	.7	.1								3.4	5.6
ESE		.3	.4	.4								1.2	9.5
SE	.9	.6	.7									2.1	5.0
SSE	1.1	.4	.4	.1								2.1	4.8
S	.6	.5	1.4	.4	.1							3.1	6.3
SSW	1.1	1.3	1.6	1.0	.8							5.8	8.9
SW	1.2	1.6	1.3	.1	.2							4.4	6.0
WSW	2.4	1.0	.3	.2	.1							5.0	4.6
W	1.4	1.5	.6	.4								4.0	5.6
WNW	.5	1.3	2.5	2.2	.7	.1						7.4	9.8
NW	1.0	3.5	3.2	2.5	1.2	.1						11.6	9.4
NNW	1.1	1.6	1.8	1.7	.8	.3						7.2	10.1
VARBL													
CALM												23.7	
	15.4	21.7	20.3	12.7	5.3	.9						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 903

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (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	.3	1.0	2.1	.7	.7	.7						5.3	10.3
NNE	.7	1.8	.9	1.0								4.3	7.2
NE	1.8	1.9	1.4	1.2	.3							6.6	7.3
ENE	.9	.9	1.2	1.0	.6							4.3	9.1
E	1.3	2.5	.9	.2	.1							5.1	5.7
ESE	.1	.4	.6	.2								1.3	7.6
SE	.2	.2	.4									.9	6.0
SSE	.6	.3	.4									1.3	5.5
S	.6	.2	1.0	.9								2.7	8.4
SSW	.6	.9	1.4	.8	.7	.3						4.5	10.7
SW	1.2	1.6	2.3	.4	.3							5.9	7.2
WSW	1.0	1.6	.8	.2	.1							3.7	5.8
W	1.1	1.8	.7	.3								3.9	5.4
WNW	.9	2.3	2.1	1.3	.4							7.1	8.3
NW	1.4	2.4	3.7	2.3	1.3							11.2	9.2
NNW	1.7	1.7	2.9	2.3	1.2	.2						9.3	10.3
VARBL													
CALM												22.0	
	14.0	21.3	22.8	13.0	5.8	1.2						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 903

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 — STATION
PHILLIPS/ABERDEEN MD — STATION NAME
43-57 — 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	.9	1.4	2.1	1.3	.7	.2						6.5	9.5
NNE	.6	1.2	1.2	.9	.2	.0	.0					4.1	8.4
NE	1.0	1.3	1.5	.8	.2	.1	.0					4.8	7.9
ENE	.8	1.5	1.6	1.0	.3	.0						5.2	8.0
E	.9	1.6	1.0	.3	.0							3.9	6.2
ESE	.2	.3	.3	.2								1.0	7.5
SE	.6	.5	.3	.0								1.4	4.6
SSE	.4	.3	.3	.1	.0							1.1	5.8
S	.6	.8	.9	.4	.0							2.6	6.9
SSW	.8	1.3	1.9	1.5	.8	.2						6.4	9.9
SW	1.3	1.4	1.9	1.1	.3							6.0	7.8
WSW	1.0	1.8	1.0	.3	.0							4.1	6.1
W	1.2	1.5	1.2	.6	.1	.0						4.7	6.6
WNW	.8	1.9	2.1	1.5	.8	.2	.0					7.3	9.6
NW	1.2	2.3	3.2	2.9	1.4	.4	.0					11.3	10.3
NNW	.8	1.6	3.3	3.1	1.8	.6	.0					11.2	11.6
VARBL													
CALM												18.1	
	13.1	20.6	23.7	16.1	6.6	1.7	.1					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 7223

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724257 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (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	2.5	2.1	1.5	.8	.5							7.5	6.5
NNE	.9	2.5	1.8	.5								5.5	6.3
NE	1.6	2.0	.5	.5								4.6	5.0
ENE	1.1	1.6	1.5	1.2	.1							5.5	7.5
E	1.4	1.9	1.6	.8								5.8	6.8
ESE	.4	.9	.1									1.4	4.4
SE	.6	.5	.4									1.4	4.8
SSE	.6	.5	.5									1.5	5.0
S	.5	.6		.1								1.2	4.7
SSW	.2	1.8	1.2	.8	.4							4.4	8.7
SW	1.1	1.2	1.5	.2	.2							4.2	6.7
WSW	1.9	1.4	.5	.1								3.9	4.3
W	2.0	3.8	1.1	.1								6.9	5.0
WNW	1.1	2.1	2.0	.7	.7							6.6	8.0
NW	1.3	4.0	2.2	2.5	.5	.1						10.6	8.3
NNW	1.2	2.0	2.0	1.5	.5	.1						7.3	8.3
VARBL													
CALM												21.6	
	18.3	28.9	18.4	9.9	2.8	.2						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 849

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (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	1.5	3.5	2.6	1.6								9.3	6.8
NNE	.4	1.9	2.1	.4								4.7	7.1
NE	1.3	2.9	1.2	.4								5.8	5.4
ENE	1.1	1.8	1.2	1.4	.5							5.9	8.1
E	.9	2.1	2.0	.7	.4							6.1	7.2
ESE	.4	.6	.6									1.5	5.8
SE	.9	.2	.1									1.3	3.5
SSE	.4	.1	.1	.5								1.1	7.9
S	.7	.8	.5		.2	.1						2.4	7.4
SSW	.7	.5	.6	.7	.1							2.6	8.1
SW	1.3	1.3	1.5	.4								4.5	5.8
WSW	1.2	2.2	.8	.1								4.4	5.2
W	2.2	3.4	1.3	.4	.1	.1						7.5	5.7
WNW	.6	2.5	2.5	1.1	.6	.1						7.3	8.4
NW	.8	2.0	2.6	1.8	.8							8.0	8.9
NNW	.7	3.1	2.4	2.0	.5							8.6	8.5
VARBL													
CALM												19.1	
	15.1	29.0	22.0	11.3	3.2	.4						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 849

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724257 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (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	1.5	1.9	3.7	.7	.1							7.9	7.3
NNE	.7	2.0	1.2	.5								4.4	6.4
NE	1.4	2.1	1.8	.5								5.8	6.0
ENE	1.1	2.2	2.8	1.8	.7							8.6	8.5
E	.7	2.0	1.4	.6	.1	.2						5.1	7.6
ESE		.5	.4									.8	6.4
SE	.4	.5										.8	3.3
SSE		.6	.5	.1	.2							1.4	8.9
S	.3	.2	.2	.2		.5						2.0	9.9
SSW	.4	.7	.5	1.2								2.7	9.1
SW	1.5	1.8	1.5	.6	.1							5.5	6.5
WSW	1.3	1.8	.9	.2								4.7	5.0
W	2.6	2.0	2.0	.5								7.1	5.8
WNW	1.2	2.9	1.6	1.4	1.1	.1						6.4	8.8
NW	.6	2.7	1.8	1.8	.9	.1						7.9	9.3
NNW	.8	2.6	2.1	2.1	.5	.2						8.4	9.1
VARBL													
CALM												18.6	
	15.4	26.5	22.4	12.1	3.8	1.2						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 849

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.3	1.5	2.2	.5	.1	.1					6.2	10.5
NNE	.2	.7	2.1	.8	.1							4.0	8.6
NE	1.3	1.5	2.2	.6								5.7	6.6
ENE	.9	2.2	3.3	2.1	.7							9.2	8.8
E	.8	1.6	2.4	.8	.2	.1						6.0	8.1
ESE	.6	.2	.6	.6		.1						2.1	8.7
SE	.1	.1	.1	.1								.5	7.0
SSE	.5	.6	.6	.4								2.0	6.7
S	.5	.7	1.2	.4		.4	.2					3.3	10.8
SSW	.4	1.3	.8	1.1	.7	.1						4.4	10.2
SW	1.4	1.2	2.8	1.8	.6	.2						8.0	9.4
WSW	.7	1.6	1.3	.2	.2							4.1	7.1
W	.5	.8	1.2	.4	.4	.1	.1					3.4	9.7
WNW		.6	2.2	2.4	1.1	.4	.1					6.7	12.7
NW	.4	.6	2.6	5.1	2.5	.8	.1					12.0	13.7
NNW	.6	.4	3.4	3.5	2.2	.5	.1					10.7	12.8
VARBL													
CALM												11.7	
	9.2	15.5	28.4	22.4	9.2	2.8	.8					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 849

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (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	.4	1.1	2.1	2.2	.2	.5						6.5	10.6
NNE	.4	.5	1.5	1.1	.2							3.7	9.5
NE	.5	1.2	.5	.2								2.4	6.0
ENE	.5	1.5	1.1	1.9	.4	.2						5.5	10.2
E	.1	1.5	1.8	.7	.2							4.4	8.5
ESE	.5	1.4	1.1	.7		.2						3.9	8.1
SE	.5	.7	1.2	.2								2.6	6.9
SSE	.6	.5	.8	.1								2.0	6.2
S	.7	1.6	1.5	1.4	.4	.2						5.9	9.4
SSW	.2	1.6	2.6	2.0	1.1	.5						8.0	11.1
SW	1.1	1.5	1.6	1.8	.4							6.4	8.8
WSW	.5	1.4	.7	.7								3.3	7.1
W	.6	.6	1.5	.4	.5	.1						3.7	9.2
WNW	.2	.9	1.8	3.2	2.4	.8						9.3	13.9
NW	.5	.5	2.4	5.1	2.8	1.2						12.4	14.0
NNW	.2	.9	3.1	5.4	2.7	1.6						13.9	14.0
VARBL													
CALM												6.4	
	7.3	17.4	25.2	27.1	11.2	5.4						100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 649

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.8	2.7	1.4	.2	.1						6.8	9.0
NNE	.1	1.2	1.3	1.3								3.9	9.2
NE	.5	1.3	.8	.1	.1							2.8	6.6
ENE	.7	.5	1.2	1.6	.5	.2						4.7	10.8
E	.6	1.3	2.0	.2	.1	.1						4.4	7.7
ESE	.4	.6	1.3	.2			.1					2.6	8.5
SE	.3	1.1	.7	.2								2.3	5.8
SSE	.1	1.1	.7	.2								2.1	7.1
S	1.2	1.8	2.8	1.9	.4							8.3	8.5
SSW	.9	1.3	2.6	2.2	.2	.2						7.5	9.8
SW	.8	1.5	2.1	.5	.5							5.4	7.8
WSW	.4	1.3	.6	.4	.1							2.7	7.3
W	.5	1.1	.5	.1								2.1	5.7
WNW	.7	.5	1.9	2.8	2.0	1.1						9.0	13.6
NW	.5	1.9	3.3	5.1	2.1	.5		.1				13.4	12.3
NNW	.1	1.1	3.4	4.5	3.2	.8						13.1	13.5
VARBL													
CALM												8.6	
	9.8	19.1	27.9	22.9	9.4	3.1	.1	.1				100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 649

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MC (STATION NAME) 48-57 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.8	2.4	.7								6.3	6.6
NNE	.6	1.5	1.3	.5	.1							4.2	7.1
NE	1.2	1.5	.7	.1		.1						3.7	5.4
ENE	.7	.6	1.2	.5	.6							3.5	3.9
E	.6	1.1	1.8	.6	.2							4.2	8.0
ESE	.6	1.1	.6	.2	.1	.1						2.7	7.4
SE	1.1	.7	1.4	.5								3.7	6.7
SSE	.4	.5	1.1									1.9	6.5
S	1.1	1.0	1.3	.9	.1							5.3	7.5
SSW	.7	.6	1.2	1.4	.5	.1						4.5	10.2
SW	.9	2.0	.9	.1								4.0	5.1
WSW	.8	.8	.5									2.1	4.7
W	1.9	1.4	.9	.2								4.5	5.1
WNW	1.3	2.6	2.7	1.5	.7	.4						9.2	9.0
NW	1.5	3.4	4.5	3.1	.8	.1		.1				13.5	8.9
NNW	1.2	1.8	3.3	2.5	.9	.1						9.8	9.7
VARBL													
CALM												17.2	
	15.9	23.2	25.7	12.8	4.1	.9		.1				100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 889

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 21UC-2300 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	2.2	2.2	1.2	.5	.1						7.9	7.8
NNE	.8	1.2	.5	.4								2.9	5.6
NE	1.5	1.5	1.2	.5								4.7	5.8
ENE	.9	1.8	1.4	.4	.2							4.7	7.2
E	.8	2.6	2.1	.6	.2							6.4	7.1
ESE	.5	.6	.4	.4								1.8	6.6
SE	1.1	1.3	.5									2.9	4.4
SSE	.8	.4	.7	.1								2.0	5.6
S	.7	1.2	.8	.1	.4	.1						3.3	7.7
SSW	.4	.7	1.4	1.2	.2	.1						4.0	9.9
SW	.4	1.3	1.2	.2								3.5	6.5
WSW	.9	2.2	.9	.1								4.2	5.3
W	2.0	1.4	.9	.2								4.5	4.6
WNW	.9	2.8	2.6	.8	.6	.5						8.3	8.6
NW	2.1	2.7	2.9	1.8	.9	.2						10.7	8.4
NNW	1.1	2.7	3.3	1.5	.9							9.6	8.8
VARBL													
CALM												18.6	
	16.9	26.9	23.1	9.4	4.0	1.1						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 548

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 49-57 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.9	2.3	1.4	.3	.1	.0					7.3	8.[illegible]
NNE	.5	1.4	1.5	.7	.1							4.1	7.4
NE	1.2	1.3	1.1	.4	.0	.0						4.4	5.8
ENE	.9	1.5	1.7	1.4	.5	.1						6.[illegible]	8.7
E	.5	1.8	1.9	.6	.2	.1						5.3	7.6
ESE	.4	.7	.6	.3	.0	.1	.0					2.1	7.4
SE	.7	.6	.5	.1								2.[illegible]	5.6
SSE	.4	.5	.6	.2	.0							1.[illegible]	6.6
S	.5	1.1	1.0	.6	.2	.2	.0					3.9	8.5
SSW	.5	1.1	1.4	1.3	.4	.1						4.[illegible]	9.9
SW	1.1	1.5	1.7	.7	.2	.0						5.2	7.4
WSW	1.0	1.6	.8	.2	.0							3.7	5.7
W	1.5	1.8	1.2	.3	.1	.0	.0					5.[illegible]	6.1
WNW	.9	1.9	2.2	1.7	1.1	.4	.0					8.1	1[illegible].5
NW	1.0	2.2	2.8	3.3	1.4	.4	.0	.0				11.1	1[illegible].7
NNW	.7	1.8	2.9	2.9	1.4	.4	.0					1[illegible].2	11.0
VARBL													
CALM												15.2	
	13.4	23.3	24.1	16.0	6.0	1.9	.1	.0					

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 — STATION
PHILLIPS/ABERDEEN MD — STATION NAME
48-57 — YEARS
MAR — MONTH
ALL WEATHER — CLASS
0000-2300 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.0	1.2	1.3	.2							6.8	7.5
NNE	.5	1.2	1.1	.3	.2							3.3	7.2
NE	1.0	1.9	2.2	.9	.1							5.7	6.9
ENE	.9	1.7	2.7	1.0	.6		.2					7.1	9.4
E	1.1	1.9	1.3	1.4	.3	.2						6.1	8.4
ESE	.3	.2	.9	.3								1.7	7.6
SE	.9	.8	.6	.5								2.8	6.7
SSE	.3	.5	.3	.1								1.5	5.9
S	.9	.6	.5	.1	.1							2.3	6.1
SSW	.5	.6	.9	.2	1.1	.5						3.9	12.4
SW	1.2	1.2	1.1	.2	.1							3.8	5.9
WSW	1.7	1.8	.9	.1	.1							4.5	5.0
W	1.5	2.9	1.2	.2								5.8	5.5
WNW	.3	2.2	2.8	1.5	.5	.3						7.6	9.5
NW	1.7	2.2	3.5	3.8	1.7	.1						12.6	10.1
NNW	1.4	1.6	2.7	2.5	.6	.1						8.9	9.2
VARBL													
CALM												16.3	
	14.3	23.4	23.7	14.4	5.9	1.3	.2					100.2	6.9

TOTAL NUMBER OF OBSERVATIONS 930

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

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN, MD (STATION NAME) 43-57 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 300-0500 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	1.1	2.4	.5								5.4	6.6
NNE	1.0	1.2	1.3	.6								4.1	6.5
NE	1.9	1.6	3.0	1.2	.3	.1						8.1	7.6
ENE	1.2	1.5	1.6	2.6	.3	.2						7.4	9.3
E	1.9	1.7	2.8	.4	.4	.2						7.1	7.6
ESE	.2	.9	.5	.6	.2							2.5	8.8
SE		.3	.2		.2							.8	9.1
SSE	.2	.3	.2		.2							1.0	7.9
S	.3	.2	.5	.5	.1							1.7	9.6
SSW	.6	.2	.2	.6	.8	.4						2.9	13.0
SW	1.2	1.7	1.1	.1	.2							4.3	5.9
WSW	.5	1.2	1.5	.1								3.3	6.3
W	1.3	3.1	1.2	.2								5.8	5.3
WNW	.5	2.2	3.5	2.3	.0	.6						10.2	10.3
NW	1.1	2.2	2.6	2.0	1.5	.1						9.5	9.9
NNW	1.5	1.5	3.1	2.9	.3	.1						9.5	9.2
VARBL													
CALM												16.6	
	14.6	20.8	25.8	14.8	5.5	1.9						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
724057	PHILLIPS/ABERDEEN MD	48-57	MAR

CLASS: ALL WEATHER

HOURS (L S T): 0600-0800

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.1	1.9	1.5	.2	.3						6.[illegible]	9.2
NNE	.6	1.4	1.4	.5								4.0	7.2
NE	.5	2.4	2.4	1.3	.1							6.7	7.6
ENE	.9	2.2	2.6	3.5	.1	.1						9.4	9.5
E	.9	1.3	2.5	1.4								6.[illegible]	7.8
ESE	.3	1.0	1.1	.3	.5	.1						3.3	9.6
SE	.2	.3	.3			.1						1.[illegible]	7.2
SSE	.2	.4	.3		.2	.1						1.3	10.0
S	.4	.2	.6	.6	.1							2.0	9.1
SSW	.4	.5	.5	.3	1.1	.1						3.0	11.6
SW	.4	1.1	1.1	.3								2.9	6.9
WSW	.6	1.8	1.1	.6	.1							4.3	7.1
W	1.3	2.4	2.5	.6	.1							6.9	6.8
WNW	1.0	1.7	2.5	2.3	.8	.5						8.7	10.2
NW	.5	2.2	2.0	3.7	1.3	.5						10.2	11.2
NNW	.5	1.2	3.0	2.9	1.0							8.6	10.6
VARBL													
CALM												15.7	
	9.9	21.1	25.8	20.0	5.6	1.9						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.1	1.1	1.5	1.5	.1						5.5	11.3
NNE		1.1	1.2	.5	.1							2.9	8.6
NE	.3	.6	2.2	.8								4.3	7.6
ENE	.3	.9	5.1	3.0	.4							9.7	9.8
E	1.0	1.3	1.7	1.9	.2							6.1	8.8
ESE	.4	1.0	1.3	.4	.3							3.4	8.6
SE	.2	.1	1.2	.3		.2						2.0	9.6
SSE	.4	.6	.4	.2	.2	.2						2.2	9.1
S	.3	.4	1.7	.5	.4		.1					3.5	10.4
SSW	.2	.5	1.9	2.3	1.1							6.0	11.5
SW	.4	.9	1.6	1.7	.2							4.7	9.4
WSW	.2	.4	.3	1.5	.3							2.8	11.2
W	.3	1.0	.3	.3	.1							2.0	6.7
WNW	.2	1.0	2.5	4.1	2.2	.8	.2					10.9	13.6
NW	.3	.6	3.1	6.5	3.8	.9						15.3	13.7
NNW	.3	.9	3.2	4.7	2.3	.6						11.9	12.8
VARBL													
CALM												6.2	
	6.1	12.3	28.8	30.3	13.1	2.8	.3					100.0	10.5

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 46-57 (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	1.1	2.5	1.8	.9							6.3	10.7
NNE		.5	.9	.8	.4							2.6	10.3
NE	.2	1.5	1.0	.1	.1							2.9	6.6
ENE	.5	1.4	1.7	1.9	.1	.2						5.9	9.3
E	.9	1.5	2.5	1.0	.2	.1						6.1	8.1
ESE	.3	1.4	.9	.6	.1							3.3	8.1
SE	.4	1.0	1.1	.8	.1							3.3	8.0
SSE	.3	.4	1.1	.4	.2							2.5	9.1
S	.6	.6	3.0	1.9	.6	.2						7.1	10.6
SSW	.4	.6	1.5	3.7	1.3	.1	.1					7.7	12.4
SW	.5	.3	1.1	1.8	.3							4.1	10.8
WSW	.2	.3	.6	1.3	.4							2.9	11.2
W	.3	.6	.8	1.0	.2							2.9	9.6
WNW	.2	.4	3.3	4.2	2.7	1.9	.2					13.1	14.4
NW	.2	.3	3.5	5.6	3.7	1.2						14.5	14.
NNW	.2	1.5	2.2	3.7	2.4	1.1						11.0	13.2
VARBL													
CALM												3.7	
	5.7	13.7	27.5	30.5	13.8	4.8	.3					100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.6	1.4	1.0	.3							3.8	9.4
NNE	.1	.3	.8	1.4	.2							2.8	10.9
NE	.6	.4	1.0	.8								2.8	7.8
ENE	.5	1.2	1.9	1.9		.4						6.0	10.0
E	.2	1.0	2.3	1.3	.4	.1						5.3	9.7
ESE	.5	.8	1.5	.4	.1							3.3	7.7
SE		.4	.9	.3	.2							1.8	9.9
SSE	.2	1.0	.6	.4	.4							2.7	8.9
S	1.0	1.8	1.9	3.7	1.6	.2						10.2	11.0
SSW	.2	.9	1.8	2.0	1.5	.1						6.6	12.0
SW	.5	1.2	1.6	.9	.1							4.3	8.1
WSW	.4	.5	1.5	.6								3.1	8.0
W	.1	.8	1.1	.6	.1	.1						2.8	9.7
WNW	.4	.6	2.7	4.2	1.7	1.0	.1	.2				11.0	14.0
NW	.3	1.2	4.7	5.5	2.3	1.8	.2					16.0	13.3
NNW	.5	1.1	3.9	5.3	2.7	.5						14.0	12.4
VARBL													
CALM												3.5	
	6.2	13.8	29.6	30.3	11.7	4.3	.3	.2				100.0	10.9

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (LST))

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.5	2.3	.8	.4							5.0	7.9
NNE	.4	.9	1.3	1.0	.1							3.7	7.9
NE	.6	.6	1.8	.5								3.7	7.5
ENE	.8	.5	2.0	1.6	.2	.4						5.6	10.3
E	.3	.9	2.0	.9	.5							4.6	9.4
ESE	.1	1.3	1.2	.9	.1							3.5	8.3
SE	.5	.8	1.4	.4	.1							3.2	7.6
SSE	.9	.6	1.3	.1	.1							3.0	6.4
S	1.1	.9	1.6	2.2	.3							6.0	9.6
SSW	1.0	1.1	1.2	1.3	.5							5.1	8.8
SW	1.3	1.4	.9	.3	.2							4.1	6.0
WSW	.6	1.4	1.1	.2	.1							3.4	6.2
W	.8	1.9	.8	.1	.1							3.7	5.7
WNW	1.3	1.8	1.8	1.8	1.4	.5	.1					8.8	10.9
NW	1.4	3.7	4.5	2.8	1.9	1.4						15.7	10.6
NNW	1.0	2.0	2.5	2.4	1.1	.1						9.0	9.9
VARBL													
CALM												10.9	
	13.1	21.3	27.6	17.2	7.3	2.5	.1					100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.5	1.6	.9	.4							5.1	6.1
NNE	.4	1.4	1.3	.3	.2	.1						3.8	6.1
NE	.4	1.0	1.6	.5	.3							3.9	6.3
ENE	.5	1.3	2.6	1.7	.4	.2	.1					6.9	10.1
E	.8	1.5	1.6	.9	.4							5.2	8.2
ESE	.8	.6	1.2		.1							2.7	6.4
SE	.8	.9	1.1	.1								2.8	6.1
SSE	.5	.4	.9	.2								2.0	6.7
S	.5	.5	.6	.6	.3							2.7	9.4
SSW	1.7	1.4	.9	.9	.8	.6						5.5	10.4
SW	.8	1.4	.5	.5								3.2	6.3
WSW	1.4	2.2	1.2	.1								4.8	5.2
W	1.3	2.6	1.1	.2								5.2	5.4
WNW	.9	2.2	2.4	1.8	1.3	.2	.1					8.8	10.2
NW	.9	2.3	3.2	4.2	1.8	.6						13.0	11.4
NNW	1.0	2.2	2.4	2.7	.2	.2						8.6	9.4
VARBL													
CALM												15.9	
	12.5	23.2	24.1	15.7	6.3	2.0	.2					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 46-57 (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	.9	1.2	1.8	1.2	.5	.1						5.5	8.9
NNE	.4	1.0	1.1	.7	.2	.0						3.4	8.2
NE	.8	1.2	1.9	.8	.1	.0						4.8	7.5
ENE	.7	1.3	2.5	2.2	.3	.2	.0					7.2	9.7
E	.8	1.4	2.1	1.1	.3	.1						5.8	8.4
ESE	.4	.9	1.1	.5	.2	.0						3.0	8.2
SE	.4	.6	.8	.3	.1	.0						2.2	7.8
SSE	.4	.6	.6	.2	.2	.0						2.0	8.0
S	.6	.7	1.3	1.3	.5	.1	.0					4.4	10.0
SSW	.6	.7	1.1	1.4	1.0	.2	.0					5.1	11.5
SW	.8	1.1	1.1	.7	.1							3.9	7.5
WSW	.7	1.2	1.0	.6	.1							3.7	7.2
W	.9	1.9	1.1	.4	.1	.0						4.4	6.5
WNW	.6	1.5	2.7	2.8	1.4	.8	.1	.0				9.9	11.9
NW	.8	1.8	3.4	4.2	2.2	.8	.0					13.3	12.0
NNW	.8	1.5	2.9	3.4	1.3	.3						10.2	11.0
VARBL													
CALM												11.1	
	10.4	18.7	26.6	21.7	8.6	2.7	.2	.0				100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 7440

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 49-57 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 0000-0200 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.8	2.3	.4	.4							5.8	7.6
NNE	.3	1.8	2.1	.7								4.9	7.5
NE	1.0	2.4	1.7	.9								6.[illegible]	6.7
ENE	.6	1.4	2.4	1.0	.7							6.1	8.9
E	.6	1.4	.8	1.1	.3							4.2	8.3
ESE	.3	.9	.7	.4	.1							2.4	7.4
SE		.7	.4	.1								1.2	6.7
SSE	.2	.9	.7	.1								1.9	6.1
S	.9	1.2	1.3	.2	.2							3.9	7.0
SSW	.7	1.1	1.2	1.6	.4							5.0	9.4
SW	2.1	1.8	1.4	.0	.3							6.6	6.8
WSW	1.4	1.9	1.7	.3								5.3	5.8
W	2.3	2.8	2.1	.4								7.7	5.6
WNW	1.1	2.4	1.7	.4								5.7	6.2
NW	.6	3.4	3.4	1.1								8.6	7.4
NNW	.6	1.4	1.4	1.4	.1	.1						5.1	8.5
VARBL													
CALM												19.7	
	13.4	27.4	25.4	11.2	2.7	.1						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

74057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 0300-0500 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	.9	1.7	.9	.3							4.7	8.5
NNE	1.1	1.4	1.8	1.2								5.6	7.5
NE	.7	2.4	2.9	1.0								7.0	7.1
ENE	.2	1.8	2.9	1.8	.1							6.8	8.9
E	1.0	1.6	2.1	.4	.1							5.2	7.1
ESE	.7	1.0	.1	.6	.1							2.4	7.2
SE	.3	.7	.1									1.1	4.2
SSE	.3	1.1	.3	.2								2.0	6.2
S	.3	.9	.4	.1								1.8	5.8
SSW	.8	.9	1.0	1.4	.3	.2						4.7	9.5
SW	1.0	1.9	1.1	.4	.1							4.6	6.4
WSW	1.9	3.3	1.9	.1								7.2	5.4
W	1.4	2.7	1.2	.2								5.6	5.1
WNW	.7	2.4	1.7	.8								5.6	6.9
NW	.9	2.1	2.9	2.0	.6							8.4	8.9
NNW	.2	1.3	3.3	1.8	.9	.1						7.7	10.1
VARBL													
CALM												19.8	
	12.4	26.4	25.4	13.0	2.6	.3						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724257 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 0600-0600 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.3	1.4	1.2	.2							4.7	6.6
NNE	.3	1.6	1.9	1.6	.3							5.7	9.0
NE	.9	1.3	1.7	1.0	.1							5.0	7.4
ENE	.6	2.6	3.3	3.3	.7							10.4	9.4
E	1.2	1.2	1.4	1.3	.2							5.4	8.2
ESE	.6	1.4	.8	.3	.1							3.2	6.9
SE	.6	.9	.4		.2							2.1	6.5
SSE	.5	1.1	.3		.1							2.3	5.2
S	.3	.7	.3		.1							1.4	5.9
SSW	.7	1.1	1.1	1.8	.9							5.6	10.4
SW	1.3	1.4	2.6	1.0	.3							6.7	7.9
WSW	1.4	2.2	1.7	1.2	.1							6.7	7.1
W	1.1	2.6	1.7	.7								6.0	6.2
WNW	.9	1.3	1.0	2.0	.8							6.0	9.6
NW	.4	1.8	2.0	3.3	.3	.1						8.0	10.3
NNW	.4	1.2	1.6	3.3	1.2	.6						8.3	12.2
VARBL													
CALM												12.4	
	12.0	23.8	23.2	22.1	5.8	.7						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
724057	PHILLIPS/ABERDEEN MD	48-57	APR

CLASS: ALL WEATHER

HOURS (LST): 0900-1100

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.8	1.0	1.7	.9							4.8	10.8
NNE	.9	1.1	1.3	1.4	.3							5.1	9.0
NE	.3	.9	1.6	1.0								3.8	8.7
ENE	.7	1.6	2.8	3.1	.9							9.0	10.0
E	.7	.4	2.6	2.0	.4	.1						6.2	10.2
ESE	.7	.7	1.2	.8	.3							3.3	9.6
SE	.2	.9	.9	.1								2.1	7.1
SSE	.3	.8	1.0	.3	.1							2.6	7.6
S	.6	.9	2.0	.7	.4							4.6	8.8
SSW	.4	1.6	2.4	3.6	1.7	.2						9.9	11.6
SW	.2	1.3	3.1	2.4	.8							7.9	10.1
WSW	.6	1.1	1.6	1.4								4.7	8.3
W	.3	.9	.8	1.1	.2	.1						3.4	9.9
WNW	.3	.6	2.2	4.6	1.2	.6						9.9	12.5
NW	.1	.6	1.7	3.2	1.8	.2						7.6	12.9
NNW	.1	.0	2.6	4.3	2.1	.3						10.3	12.8
VARBL													
CALM												4.9	
	7.0	14.9	28.7	31.8	11.2	1.6						100.0	10.1

TOTAL NUMBER OF OBSERVATIONS 320

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 49-57 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 12-2-1400 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.9	1.4	1.9	.3							5.[illegible]	11.2
NNE	.5	.6	1.1	1.1	.1							3.4	9.[illegible]
NE	.1	.7	1.8	.7	.5							3.6	9.7
ENE	.1	1.3	2.9	2.1	.4	.1						7.[illegible]	9.8
E		.6	1.9	1.4	.2	.1						4.2	11.3
ESE	.3	.6	.8	1.8	.4							3.[illegible]	11.2
SE	.8	.6	.3	1.1	.1							2.7	8.9
SSE	.5	1.1	1.8	.8	.2							4.4	9.2
S	.6	.8	3.1	2.8	1.2	.1						8.9	12.9
SSW	.7	1.4	2.2	3.6	1.8	.6						10.4	12.[illegible]
SW	.6	1.4	2.6	2.3	.6							7.4	9.5
WSW	.6	.7	1.[illegible]	1.2	.4							3.7	9.2
W	.1	.1	.9	1.0	.6	.1						2.8	12.2
WNW	.1	.6	2.3	4.1	2.7	.9						10.6	13.9
NW	.5	1.7	2.9	3.0	.3	.3						8.5	10.3
NNW	.1	1.0	2.2	5.3	1.9	.3						10.9	13.[illegible]
VARBL													
CALM												2.7	
	5.3	13.9	29.2	34.2	12.0	2.7						100.1	10.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] 0 85 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724 57 — STATION
PHILLIPS/ABERDEEN MD — STATION NAME
4[illegible]-57 — YEARS
[illegible] — MONTH
ALL WEATHER — CLASS
[illegible]-1700 — HOURS (LST)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.4	1.2	1.0	.0							4.4	12.2
NNE	.4	.7	.9	.6	.1							2.7	5.[illegible]
NE	.1	.3	1.3	.6	.3							[illegible]	10.[illegible]
ENE	.4	.4	2.6	2.1	.2	.1						[illegible]	10.2
E	.3	1.8	1.0	1.2	.6	.1	.1					[illegible]	9.8
ESE	.3	.5	1.3	1.1	.3							4.[illegible]	[illegible].3
SE	.1	1.1	1.2	1.4	.1							4.[illegible]	[illegible].3
SSE	.3	1.0	1.0	1.0	.2							[illegible]	8.8
S	.7	1.3	3.2	2.7	1.3							[illegible]	10.[illegible]
SSW	.2	[illegible]	4.3	4.3	2.3	.4	.1					12.[illegible]	12.[illegible]
SW	.3	1.0	1.7	1.6	.3	.1						[illegible].1	9.[illegible]
WSW	.7	1.[illegible]	1.3	.7	.1							[illegible]	8.[illegible]
W	.7	.3	.6	.7	.2							[illegible].4	[illegible]
WNW	.6	1.9	2.6	3.2	2.7	.4						11.3	12.1
NW	.2	[illegible]	1.0	3.6	2.0	.2						[illegible].8	12.[illegible]
NNW	.2	[illegible]	3.2	3.8	1.7							[illegible].7	12.[illegible]
VARBL													
CALM												2.7	
	6.[illegible]	15.6	30.2	3[illegible].4	13.4	1.4	.2					1[illegible].0	1[illegible].5

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
72257	PHILLIPS/ABERDEEN MD	49-57	APR

CLASS: ALL WEATHER

HOURS (L S T): 1800-2000

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.4	1.6	.3	.6							4.7	8.2
NNE	.3	.7	1.6	.7	.1							3.9	7.7
NE	.4	.7	.6	.7	.3							2.7	5.5
ENE	.3	2.6	1.4	1.8	.2	.2						6.6	9.2
E	.4	1.3	2.1	1.3	.1	.4						5.8	9.5
ESE	.6	.9	1.2	.4	.1							3.2	7.4
SE		1.3	1.6	.7	.3							3.9	9.1
SSE	.1	1.3	1.0	.6	.1							4.2	8.2
S	1.3	1.3	2.3	1.2	.7							6.9	8.5
SSW	.9	1.9	2.8	1.9	1.2							8.7	9.7
SW	1.5	2.3	2.1	.8	.1							6.9	8.7
WSW	.4	2.4	1.3	.1								4.3	6.2
W	1.3	1.5	.3	.3	.1							3.9	5.6
WNW	.8	1.7	2.6	1.7	1.0	.1						7.8	9.9
NW	1.0	1.2	3.6	2.4	1.0	.2						9.4	10.2
NNW	.2	1.6	3.2	1.6	.2	.1						7.0	9.4
VARBL													
CALM												10.4	
#	11.2	24.4	30.1	16.4	6.2	1.1						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (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	.7	.9	.9	.9	.1	.2						3.7	8.8
NNE	.3	.6	2.0	.9	.2							4.0	5.8
NE	.2	1.5	2.4	.4	.1							5.2	7.6
ENE	.6	1.1	2.0	1.9	.4	.1						6.1	9.9
E	1.3	1.4	2.4	.2	.2	.2						5.9	7.6
ESE		1.1	.5	.7	.2							2.5	9.5
SE	.7	.6	.4	.2								1.9	5.9
SSE	.2	1.4	2.0	.2	.1							4.0	7.1
S	.8	1.8	.8	.7	.3							4.3	7.4
SSW	.9	1.3	2.0	1.7	1.0	.1						7.0	9.9
SW	1.2	2.1	2.2	.4	.1							6.1	6.7
WSW	.8	3.8	1.2	.1								5.9	5.6
W	2.2	2.4	1.3									5.0	4.8
WNW	.8	1.9	2.4	1.2	.1							6.4	7.7
NW	.9	1.9	3.1	1.7	.4							8.0	8.5
NNW	.7	1.7	2.3	2.1	.6	.1						7.4	9.4
VARBL													
CALM												15.4	
	12.2	25.8	28.4	13.3	4.0	.8						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-85 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 49-57 (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	.5	1.1	1.4	1.1	.5	.0						4.7	9.4
NNE	.6	1.0	1.6	1.0	.2							4.4	6.3
NE	.5	1.3	1.7	.8	.2							4.5	7.9
ENE	.4	1.6	2.5	2.1	.5	.1						7.2	9.5
E	.7	1.2	1.9	1.1	.3	.1	.0					5.4	9.0
ESE	.4	.9	.9	.8	.2							3.2	6.7
SE	.3	.8	.7	.5	.1							2.4	7.8
SSE	.4	1.1	1.1	.4	.1							3.1	7.4
S	.7	1.1	1.7	1.0	.5	.0						5.1	9.0
SSW	.7	1.3	2.1	2.5	1.2	.2	.0					8.0	11.0
SW	1.1	1.8	2.1	1.2	.3	.0						6.5	8.0
WSW	1.0	2.1	1.5	.7	.1							5.2	6.7
W	1.2	1.7	1.1	.6	.1	.0						4.7	6.6
WNW	.7	1.6	2.1	2.2	1.1	.2						7.9	1[illegible].5
NW	.6	1.7	2.7	2.5	.8	.1						8.4	1[illegible].1
NNW	.7	1.2	2.5	3.0	1.1	.2						8.3	11.3
VARBL													
CALM												11.0	
	10.0	21.5	27.6	21.6	7.2	1.1	.0					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 7200

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MU (STATION NAME) 48-57 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 0000-0200 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.0	1.3	.5								4.9	6.3
NNE	1.4	1.4	2.3	1.1								6.1	7.1
NE	.8	1.8	2.6	.2								5.4	6.8
ENE	1.1	2.7	1.2	1.1	.4							6.5	7.4
E	1.1	1.8	2.0	1.1								6.0	7.2
ESE	.4	.8	.5	.1								1.8	5.9
SE	1.3	.5	.4									2.3	4.2
SSE	1.0	1.2		.2								2.4	4.5
S	.3	1.7	1.2	.3								3.5	6.8
SSW	.8	1.8	1.7	1.3	.1	.2						5.9	8.1
SW	1.2	2.0	2.3	.3								5.8	6.2
WSW	1.9	2.0	1.1	.5								5.6	5.6
W	1.1	2.6	.9									4.5	4.9
WNW	1.1	2.6	1.3									4.9	5.3
NW	1.5	2.0	1.4	.5								5.5	6.0
NNW	.9	1.9	2.4	.8								5.8	7.0
VARBL													
CALM												23.0	
	16.7	29.0	22.5	8.1	.5	.2						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 936

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 43-57 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 0300-0500 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	2.4	1.5	.4	.2							5.3	6.4
NNE	1.9	3.7	2.8	1.0	.1							9.5	6.4
NE	.9	1.7	1.8	1.1								5.5	7.3
ENE	1.5	2.3	1.6	1.4	.2							7.0	7.1
E	1.4	1.1	1.2	.3	.1							4.1	6.4
ESE	.6	.9	.3	.1								1.9	5.2
SE	.4	1.0	.2									1.6	4.6
SSE	.5	.3	.3	.1								1.3	4.8
S	.2	.8	1.0	.2								2.2	7.3
SSW	1.1	1.4	1.0	1.5	.6							5.6	8.7
SW	.9	1.9	1.1	.6								4.5	6.5
WSW	1.2	2.9	.8									4.8	4.8
W	.6	2.5	1.1	.1								4.3	5.5
WNW	1.3	2.3	1.3									4.8	5.0
NW	.9	2.3	2.4	.2								5.7	6.2
NNW	1.4	2.6	1.6	.9	.3							6.8	7.2
VARBL													
CALM												24.0	
	16.1	29.8	19.9	8.0	1.6							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 — STATION
PHILLIPS/ABERDEEN MD — STATION NAME
48-57 — 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	1.0	1.6	1.7	.9	.1							5.3	7.3
NNE	1.1	1.8	2.6	1.5	.3							7.3	8.3
NE	1.0	3.1	2.5	1.7								8.3	7.2
ENE	1.2	1.7	3.9	1.8	.3							8.9	8.2
E	.5	.5	1.1	1.1								3.3	8.0
ESE	.2	.8	1.1	.4								2.5	7.4
SE	.2	.5	.6									1.4	6.5
SSE	.3	.4	.4	.3								1.5	7.4
S	.2	.6	1.0	.5	.1							2.5	8.2
SSW	.9	1.0	2.2	1.6	.3	.1						6.0	9.2
SW	1.3	1.9	2.0	1.1								6.3	7.0
WSW	1.4	2.0	1.5	.8	.1							5.8	6.6
W	1.1	1.1	.6	.3								3.1	5.9
WNW	.9	1.2	1.9	.9	.1							4.9	7.8
NW	1.0	1.3	2.0	.5	.5							5.4	8.0
NNW	.9	2.3	2.9	2.8	.3							9.1	9.1
VARBL													
CALM												18.3	
	13.1	21.9	28.1	16.2	2.3	.1						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.5	2.0	.8	.1							4.9	7.7
NNE	.4	.8	1.9	1.5	.2							4.8	9.1
NE	.6	.9	2.5	1.3	.1							5.4	8.6
ENE	.8	3.1	4.4	1.9	.5							10.8	6.2
E	.4	1.0	3.5	.8								5.7	8.0
ESE	.5	1.4	1.3	.5								3.8	6.9
SE	.5	.6	1.3	.3	.1							2.9	7.3
SSE	.5	.5	1.2	1.0	.1							3.3	6.5
S	.5	.8	1.8	1.0	.1							4.2	6.3
SSW	.5	1.7	2.5	2.6	.4							7.7	9.5
SW	.9	2.3	3.1	1.4	.1							7.7	7.8
WSW	1.0	1.3	1.8	1.1	.5							5.7	8.4
W	.4	.5	.4	1.2	.2							2.8	10.0
WNW	.5	1.5	1.8	2.5	.3	.3						7.4	10.3
NW	.6	.8	2.0	2.9	.1	.1						6.6	10.2
NNW	.6	1.6	3.0	3.3	.4	.2						9.2	10.0
VARBL													
CALM												7.4	
	9.6	20.2	34.7	24.0	3.4	.6						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.1	.6	1.3								4.1	7.8
NNE	.2	.6	1.1	.9	.1							2.9	9.1
NE	.4	2.3	2.3	1.4								6.3	7.7
ENE	.6	1.9	3.0	1.8	.3							7.7	8.6
E	.3	1.7	1.7	1.5	.2							5.5	8.7
ESE	.4	1.3	1.1	.5								3.3	7.0
SE	1.0	1.3	1.9	.8								4.9	7.3
SSE	.5	.6	1.7	1.3	.1	.1						4.4	9.4
S	.8	1.8	2.8	1.6	.3							7.3	8.6
SSW	.9	1.5	3.9	4.3	.3	.1						11.0	9.9
SW	.4	1.4	2.8	2.2								6.8	9.4
WSW	.6	1.1	1.8	1.6	.2							5.4	8.8
W	.3	1.0	1.2	1.1	.6							4.2	10.2
WNW	.5	.9	2.4	3.8	1.1	.4						9.0	11.6
NW	.5	.6	1.7	2.0	.4							5.4	10.4
NNW		1.9	2.5	3.1	1.2	.1						8.8	10.7
VARBL													
CALM												2.9	
	8.7	21.1	32.5	29.1	4.9	.8						100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724257 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (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	.6	1.4	2.9	.4	.2							5.6	8.0
NNE	.2	1.1	1.4	.6								3.3	8.2
NE	.6	1.0	1.7	.6								4.0	7.6
ENE	.4	1.5	2.4	1.7	.1							6.1	8.7
E	.5	1.5	2.2	.9	.2							5.3	8.1
ESE	.4	1.4	1.0	1.3	.1							4.2	9.4
SE	.3	.8	1.2	1.0	.4							3.7	10.0
SSE	.3	1.4	1.8	1.0								4.9	7.8
S	1.2	2.3	1.9	1.4	.2							7.0	7.8
SSW	.5	2.9	4.1	5.3	1.0							13.9	10.1
SW	.9	2.4	2.7	2.2								8.5	8.1
WSW	.4	1.0	2.5	.9	.3							5.1	8.7
W	.3	.3	1.5	.8	.3							3.7	8.9
WNW	.5	1.3	2.2	3.0	.6	.1						7.7	10.3
NW	.3	1.4	1.8	1.6	1.0	.1						6.2	10.4
NNW	.5	1.0	2.4	2.5	.8							7.1	10.3
VARBL													
CALM												3.5	
	9.2	22.9	33.5	25.1	5.3	.2						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 530

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 15.0-20.0 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.2	.9	.4								3.2	6.4
NNE	.5	1.9	1.6	.5								4.6	6.9
NE	.9	.6	1.5	.6	.1							3.7	8.0
ENE	.4	1.0	1.6	1.0	.3	.1						4.4	9.2
E	.6	2.4	1.7	1.0								5.7	7.1
ESE	.3	1.1	2.2	.6								4.2	7.5
SE	.2	.9	2.0	.4								3.5	6.3
SSE	1.0	1.4	2.3	1.5	.1							6.2	8.1
S	1.4	1.6	.6	.5	.1							4.3	6.0
SSW	1.9	2.4	3.0	1.6	.1							9.0	7.3
SW	1.8	4.2	2.8	.6	.1							9.6	6.1
WSW	1.3	3.1	1.0	.3	.1							5.8	5.7
W	1.0	1.3	1.1	.4								3.8	6.2
WNW	1.2	1.8	1.8	.8	.2	.1						5.9	7.3
NW	1.4	1.4	2.6	.9	.2							6.5	7.5
NNW	.6	2.0	1.7	.4	.3							5.2	7.4
VARBL													
CALM												14.4	
	15.3	28.3	28.4	11.7	1.7	.2						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 46-57 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.5	1.1	.1								4.1	5.2
NNE	.9	1.5	1.5	.9								4.7	7.1
NE	1.4	1.3	2.0	.8	.2							5.7	7.2
ENE	.5	1.0	2.3	.8	.5							5.1	8.7
E	1.0	1.0	1.7	1.4								5.1	8.0
ESE	.6	1.1	1.8	.4								4.0	6.8
SE	.3	1.2	.9	.5								2.9	7.4
SSE	1.1	1.7	1.9	.1								4.8	6.0
S	.3	1.0	1.0	.5	.1							3.3	6.6
SSW	.9	1.9	1.8	1.0	.2							5.7	7.5
SW	1.4	2.5	2.5	.5								6.9	6.4
WSW	1.8	2.4	1.3	.3	.1							5.9	5.6
W	1.0	2.0	.5									4.5	4.3
WNW	.8	1.7	1.8	.2	.1	.1						4.7	6.8
NW	1.3	2.2	1.2	.9	.3							5.9	7.0
NNW	1.2	2.0	1.3	1.0	.5	.1						6.1	8.2
VARBL													
CALM												20.0	
	17.1	25.9	24.6	9.4	2.2	.2						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (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	1.0	1.6	1.5	.6	.1							4.7	6.9
NNE	.3	1.6	1.9	1.0	.1							5.4	7.5
NE	.5	1.6	2.1	1.0	.1							5.5	7.5
ENE	.5	1.9	2.5	1.4	.3	.0						7.1	8.2
E	.3	1.4	1.9	1.0	.1							5.1	7.7
ESE	.5	1.1	1.2	.5	.0							3.2	7.1
SE	.5	.8	1.1	.4	.1							2.9	7.3
SSE	.7	1.0	1.2	.7	.0	.0						3.6	7.5
S	.7	1.3	1.4	.8	.1							4.3	7.6
SSW	.9	1.8	2.5	2.4	.4	.1						8.1	9.0
SW	1.1	2.4	2.4	1.1	.0							7.0	7.2
WSW	1.2	2.0	1.5	.7	.2							5.5	6.7
W	.9	1.4	.9	.5	.1							3.9	6.8
WNW	.9	1.7	1.8	1.4	.3	.1						6.1	8.6
NW	.9	1.5	1.9	1.2	.3	.0						5.9	8.3
NNW	.8	1.9	2.2	1.8	.5	.1						7.3	9.0
VARBL													
CALM												14.4	
	13.2	24.9	28.0	16.4	2.7	.3						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 7440

USAFETAC FORM JUL 64 0-85 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 45-57 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS)

(CONDITION)

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.[illegible]	2.7	2.[illegible]	.1								[illegible].1	[illegible].6
NNE	.[illegible]	1.7	1.[illegible]									[illegible].2	9.[illegible]
NE	.[illegible]	1.[illegible]	.[illegible]	.[illegible]								[illegible].2	6.[illegible]
ENE	.[illegible]	.4	1.1	.7	.2							[illegible].7	9.4
E	.[illegible]	.1	.4	1.1								4.[illegible]	7.[illegible]
ESE	.[illegible]	.4	.[illegible]	.7	.2							[illegible].2	[illegible].1
SE	1.[illegible]	1.1	.[illegible]									[illegible].[illegible]	4.7
SSE	.[illegible]	1.[illegible]	.4									[illegible].3	4.5
S	.[illegible]	1.[illegible]	.2									4.[illegible]	[illegible].2
SSW	1.1	1.[illegible]	.[illegible]	.7	.2	.1						6.[illegible]	7.6
SW	.2	.[illegible]	[illegible].7	.[illegible]								4.2	6.1
WSW	1.[illegible]	.[illegible]	[illegible].1	.7								5.2	[illegible].3
W	1.[illegible]	.[illegible]	.7	.2								[illegible].[illegible]	4.6
WNW	.[illegible]	.4	1.[illegible]									[illegible].4	4.8
NW	1.[illegible]	.[illegible]	1.4	.7								6.6	6.4
NNW	.[illegible]	1.[illegible]	1.[illegible]									4.4	5.9
VARBL												0.1	
CALM													
	[illegible]	[illegible]	[illegible].4	4.7	.8	.1						[illegible]	4.1

TOTAL NUMBER OF OBSERVATIONS 922

SUBJECT: CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

74087 — STATION
PHILLIPS/ABERDEEN MD — STATION NAME
41-57 — YEARS
JAN — MONTH
ALL WEATHER — CLASS
00-23 — HOURS (LST)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.[illegible]	3.6	1.4									[illegible]	[illegible]
NNE	1.1	3.[illegible]	2.1									[illegible]	[illegible]
NE	1.3	1.7	1.5	1.0								[illegible]	[illegible]
ENE	.7	.7	1.4	.6	.3							[illegible]	[illegible]
E	.[illegible]	1.9	1.3	.6	.1							[illegible]	[illegible]
ESE	.1	.[illegible]	.7	.4								[illegible]	[illegible]
SE	1.1	.[illegible]	.[illegible]									[illegible]	[illegible]
SSE	.[illegible]	.7	.1									1.[illegible]	[illegible]
S	1.3	1.2	.9	.2								[illegible]	[illegible]
SSW	.7	1.6	1.9	.5		.1						[illegible]	[illegible]
SW	.3	2.[illegible]	1.2	.4								[illegible]	[illegible]
WSW	.2	2.4	1.2	.2								[illegible]	[illegible]
W	1.4	1.7	1.[illegible]									[illegible]	[illegible]
WNW	[illegible]	3.1	.6									[illegible]	[illegible]
NW	1.3	2.7	.5	.2								[illegible]	[illegible]
NNW	1.[illegible]	1.[illegible]	[illegible]	.6								[illegible]	[illegible]
VARBL													
CALM												.7	
	17.6	29.1	19.9	.7	.3	.1						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible] FROM [illegible] OLD [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] 97 — STATION
PHILLIPS/ABERDEEN MD — STATION NAME
43-57 — YEARS
JUL — MONTH
ALL WEATHER — CLASS
[illegible] — HOURS (LST)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	2.1	2.6	.7								[illegible]	7.1
NNE	1.2	2.8	1.3	1.1								[illegible]	6.7
NE	.5	2.4	1.8	.8								[illegible]	7.2
ENE	.6	1.4	3.7	1.9	.1							[illegible]	8.6
E	.7	1.9	2.[illegible]	1.1	.1							[illegible]	7.8
ESE	.4	.7	.3	.6	.2	.2						[illegible]	10.[illegible]
SE	.4	.7	.4	.4								[illegible]	7.2
SSE	.2	.6	.7	.1	.1							[illegible]	7.2
S	.4	.[illegible]	1.7	.1								[illegible]	6.6
SSW	.7	2.7	3.9	1.1	.1							7.4	7.5
SW	1.2	2.1	2.6	.9								6.[illegible]	7.1
WSW	[illegible]	1.3	2.4	.1								[illegible]	5.5
W	3.3	1.1	.7	.6								4.6	[illegible]
WNW	.6	2.0	1.1	.6								4.2	6.7
NW	.6	1.7	1.9	.8	.1							4.7	7.6
NNW	.3	1.1	3.2	1.9								7.1	7.8
VARBL													
CALM												10.5	
	13.7	26.7	29.7	12.7	.8	.2						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC [illegible] OL A [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
74157	PHILLIPS/ABERDEEN MD	48-57	JUN

CLASS: ALL WEATHER

HOURS (L S T): 0900-1100

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.3	1.8	.8								3.2	6.6
NNE	.2	.3	2.3	.7	.2							4.2	8.7
NE	.3	.8	1.8	.7								3.6	6.1
ENE	.9	2.[illegible]	4.3	1.9	.1							9.2	6.4
E	.8	2.9	2.2	1.6	.1	.1						7.7	8.0
ESE	.3	.9	.8	.7	.2	.1						3.[illegible]	9.6
SE	.5	.6	.9	.8								2.[illegible]	8.0
SSE	.8	1.2	1.3	.3								3.4	6.6
S	.5	1.6	2.7	1.2								6.[illegible]	7.9
SSW	.5	2.9	3.7	2.3	.4							10.1	8.7
SW	.3	1.9	2.6	1.7								6.9	8.2
WSW	.6	1.1	1.7	.8	.1							4.2	7.6
W	1.6	2.[illegible]	1.1	.3	.1							5.1	5.7
WNW	.4	1.1	3.2	1.8	.8	.1						7.4	10.1
NW	.3	2.6	3.3	1.4	.3							8.[illegible]	8.5
NNW	1.1	1.[illegible]	3.8	2.8	.2							9.7	8.7
VARBL													
CALM												5.4	
	10.1	24.3	37.4	19.7	2.7	.7						100.[illegible]	7.9

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 45-57 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 12.0-14.00 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.4	1.2	.8	.1							3.3	9.4
NNE	.3	.4	.6	1.2								2.6	9.7
NE	.2	.9	1.2	.6	.1							3.[illegible]	8.0
ENE	.7	1.1	1.9	1.6	.3	.1						5.9	9.4
E	.3	1.3	1.7	1.3	.1	.1	.1					5.0	9.5
ESE	.4	1.0	1.7	.6	.2							3.[illegible]	8.1
SE	.3	.9	1.2	.4								2.9	7.7
SSE	.6	1.2	2.2	.9								4.9	8.1
S	.6	1.9	4.2	2.0								8.7	8.5
SSW	.8	3.6	5.6	5.6	.9							16.3	9.8
SW	.7	1.1	3.4	1.3								6.6	8.4
WSW	.7	1.3	2.1	1.0	.3							5.1	8.6
W	.9	.7	.7	.8	.2							3.2	8.3
WNW	.6	2.0	2.4	3.4	1.0							9.4	10.3
NW	.7	1.0	3.1	1.2	.3							6.3	8.9
NNW	.3	.8	2.9	3.0	.9							7.9	10.5
VARBL													
CALM												3.9	
	7.8	20.6	36.8	25.1	9.6	.2	.1					100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 45-57 (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	.4	2.0	1.6	.6								4.6	7.3
NNE	.3	1.0	.7	.7	.2							2.9	8.5
NE	.7	1.7	1.7	.3								4.0	6.9
ENE	.1	1.3	1.7	.8	.3							4.2	8.7
E	1.0	.9	2.0	1.6	.1		.1					5.7	8.8
ESE	.1	.9	1.3	1.0	.9							4.2	11.0
SE	.7	1.3	.8	.6								3.3	6.7
SSE	.4	1.8	2.2	1.1								5.6	7.4
S	.8	2.0	4.8	3.2	.6							11.3	9.5
SSW	1.0	3.1	5.8	4.1	.9							14.9	9.5
SW	.7	2.4	4.1	1.3	.2							8.8	8.2
WSW	.7	1.1	1.6	.3								3.7	6.5
W	.8	1.2	1.1	.2								3.3	6.2
WNW	.3	1.6	2.4	2.0	.7							7.0	9.7
NW	.4	1.1	3.2	1.4	.3	.1						6.7	9.5
NNW	.4	1.2	2.6	2.2								6.4	9.3
VARBL													
CALM												3.4	
	8.9	24.3	37.4	21.4	4.2	.1	.1					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 43-57 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.2	.4	.2								2.6	5.6
NNE	.4	1.3	1.1	.3		.1						3.3	7.2
NE	.8	.9	1.2	.1								3.0	6.0
ENE	.4	.3	.7	.4	.1							2.0	6.3
E	1.1	.8	2.2	.9	.2							5.2	7.7
ESE	.7	.4	1.7	1.4	.2							4.4	9.2
SE	1.0	2.1	2.7	.7								6.4	6.8
SSE	.6	2.0	1.7		.1							4.3	6.5
S	1.7	2.3	3.4	1.2								8.7	7.3
SSW	2.1	4.2	4.1	.9								11.3	6.5
SW	2.6	5.1	3.1	.6								11.3	5.8
WSW	1.6	2.1	.2									3.9	4.3
W	1.6	1.2	.8									3.6	4.8
WNW	.7	1.7	1.0	.4								3.6	6.1
NW	1.0	3.1	2.6	.3								7.0	6.5
NNW	.6	1.9	.7	.2								3.3	5.7
VARBL													
CALM												15.6	
	17.6	30.8	27.6	7.8	.7	.1						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 0100-2300 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.1	1.0									3.1	5.1
NNE	.8	1.2	1.1									3.1	5.7
NE	.6	1.4	1.2	.4								3.7	6.6
ENE	.4	.4	1.6	.6	.1							3.1	8.6
E	.8	1.2	1.3	1.1	.3							4.8	8.3
ESE	.8	1.0	1.9	.3								4.0	6.9
SE	.8	1.3	2.1									4.2	6.2
SSE	1.0	1.6	1.2	.2								4.0	5.8
S	.7	2.2	2.0	.6	.1							5.6	6.9
SSW	2.2	2.2	1.4	.7	.1							6.7	5.8
SW	2.4	4.0	3.0	.3								9.8	5.5
WSW	1.2	1.7	1.0	.1								4.0	5.1
W	1.8	3.0	.4									5.2	4.2
WNW	.9	2.4	.4		.1							3.9	4.9
NW	1.0	2.3	1.7	.6								5.6	6.1
NNW	.8	1.7	1.7									4.1	5.9
VARBL													
CALM												25.2	
	17.1	28.9	23.1	4.9	.8							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (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	.3	1.7	1.6	.4	.0							4.5	6.6
NNE	.6	1.5	1.3	.5	.1	.0						4.0	7.1
NE	.6	1.3	1.4	.5	.0							3.9	7.0
ENE	.5	1.0	2.0	1.1	.2	.0						4.8	8.8
E	.8	1.6	1.7	1.2	.1	.0	.0					5.5	8.0
ESE	.4	.9	1.1	.7	.2	.0						3.4	8.9
SE	.8	1.1	1.1	.4								3.4	6.5
SSE	.6	1.2	1.3	.3	.0							3.5	6.6
S	.9	1.7	2.6	1.1	.1							6.4	7.6
SSW	1.1	2.7	3.4	2.0	.3	.0						9.7	6.3
SW	1.3	2.6	2.7	.9	.0							7.4	6.9
WSW	1.3	1.7	1.4	.4	.1							4.8	6.0
W	1.5	1.7	.8	.3	.0							4.3	5.4
WNW	.9	2.0	1.5	1.0	.3	.0						5.9	7.7
NW	.9	2.2	2.2	.8	.1	.0						6.2	7.3
NNW	.8	1.8	2.4	1.3	.1							6.4	7.9
VARBL													
CALM												16.1	
	13.8	26.7	28.5	12.8	1.8	.2	.0					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 7200

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 45-57 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 0000-0200 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.7	.9	.1								3.8	5.4
NNE	.9	1.6	1.8									4.2	5.9
NE	1.0	.8	1.2	.3								3.2	6.5
ENE	.6	.9	1.5	.3								3.3	7.0
E	.5	.8	.3	.9	.1							2.6	8.1
ESE	.2	.3		.1								.6	6.3
SE	.6	.4	.1	.3								1.5	6.1
SSE	1.4	.9	.4	.1								2.8	4.7
S	1.7	1.9	.5									4.2	4.3
SSW	1.5	2.7	1.6	.8								6.6	6.2
SW	2.0	2.7	2.0	.1								6.9	5.5
WSW	1.9	2.9	1.5	.1								6.5	4.8
W	2.7	2.8	.2	.1								5.8	4.1
WNW	1.7	2.7	.6	.1								5.2	4.8
NW	1.7	2.8	1.0	.1								5.6	5.1
NNW	1.4	2.3	1.5	.2	.1							5.5	5.6
VARBL													
CALM												31.8	
	21.0	28.1	15.3	3.7	.2							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 0300-0500 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	3.9	1.6	.1								7.5	5.1
NNE	1.0	3.3	2.3	.2								6.8	5.7
NE	.8	1.8	.6	.3		.1						3.7	6.1
ENE	.3	.8	.8	.3								2.2	7.1
E	.1	.8	.2	.1								1.2	6.0
ESE	.4	.2	.1									.5	4.1
SE	.5		.1									.6	2.8
SSE	1.1	.6	.5	.1								2.4	5.2
S	1.0	1.1	.3	.2								2.9	5.4
SSW	.6	2.0	2.7	.6								6.0	7.2
SW	1.4	2.3	1.1									4.7	4.9
WSW	2.0	2.4	.3									4.7	4.1
W	2.9	1.9	.1									4.9	3.5
WNW	1.1	2.0	.8	.2								4.1	5.1
NW	1.3	2.0	1.4									4.7	5.3
NNW	1.9	2.5	1.4	.2								6.0	5.3
VARBL													
CALM												37.1	
	18.4	27.6	14.3	2.5		.1						100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
724057	PHILLIPS/ABERDEEN MD	48-57	JUL

CLASS: ALL WEATHER

HOURS (L S T): 0600-0800

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	3.2	2.4	.3								7.5	5.8
NNE	1.5	2.5	2.8	.3								7.1	6.2
NE	.8	1.7	2.2	.3	.1							5.1	7.0
ENE	.9	1.3	2.5	.9	.1							5.6	7.7
E	.3	.5	.9	.3								2.0	6.8
ESE	.4	.4	.5									1.4	5.2
SE	.6	.6	.2									1.5	4.4
SSE	.1	.4	.3	.1								1.0	6.8
S	.5	1.2	1.2	.1								3.0	6.2
SSW	.8	1.9	2.5	1.0								6.1	7.4
SW	1.6	2.5	3.0	.3								7.4	6.1
WSW	2.8	3.1	1.2	.1								7.2	4.7
W	1.6	1.6	.3	.1								3.7	4.4
WNW	1.7	1.2	.9	.1								3.9	4.9
NW	1.3	2.3	1.6	.2	.1							5.5	6.1
NNW	1.3	2.7	2.7	.8								7.4	6.6
VARBL													
CALM												24.6	
	17.8	27.2	25.1	4.9	.3							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 45-57 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	2.0	1.7	.4								5.5	5.9
NNE	.9	.8	2.6	.5	.1							4.9	7.6
NE	.6	1.7	1.2	.4	.1							4.1	6.7
ENE	.3	2.7	3.8	.9								8.2	7.1
E	.5	1.4	1.1	1.0	.3							4.4	8.2
ESE	.6	1.3	1.2	.3								3.4	6.5
SE	.5	.8	1.3									2.9	6.2
SSE	.4	1.1	1.1	.1								3.7	6.2
S	.2	1.1	2.2	.9	.1							4.4	8.3
SSW	.9	3.1	4.2	2.3	.1							10.5	7.9
SW	1.5	3.0	5.3	1.5	.1							11.4	7.4
WSW	1.3	2.5	.8	.3	.1							4.9	5.6
W	1.5	.8	1.2	.4								3.9	6.3
WNW	1.0	1.4	2.2	.5	.2							5.3	7.5
NW	1.7	1.9	3.0	1.0								7.6	7.1
NNW	1.2	2.6	3.1	1.4								8.3	7.4
VARBL													
CALM												8.3	
	15.2	28.1	35.7	11.9	1.2							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 — STATION
PHILLIPS/ABERDEEN MU — STATION NAME
48-57 — YEARS
JUL — MONTH
ALL WEATHER — CLASS
1200-1400 — HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.6	.5	.7								2.3	8.2
NNE	.3	.5	1.4									2.5	6.6
NE	.2	.8	1.2	.2								2.3	6.4
ENE	.8	1.3	1.9	1.3		.1						5.9	7.8
E	.5	1.8	1.2	.0								4.5	6.7
ESE	.2	1.4	1.0	.3	.2							4.7	7.0
SE	.1	1.3	1.1	.1								2.6	6.8
SSE	.1	1.2	4.1	.4								5.8	7.9
S	.4	1.0	4.3	1.9	.4							9.0	9.1
SSW	.6	2.6	7.2	4.4	.5							15.4	9.5
SW	.5	1.8	3.7	2.6	.1							8.8	8.8
WSW	.2	.9	2.7	.9	.1							5.4	7.9
W	.4	1.1	1.4	.6	.1							3.6	6.0
WNW	.3	1.2	2.5	.9	.4							5.5	8.7
NW	1.1	1.6	3.5	2.5	.3							9.0	8.9
NNW	.5	1.7	3.4	1.0	.7							7.3	8.1
VARBL													
CALM												4.3	
	9.1	23.4	42.0	18.4	2.6	.1						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 932

USAFETAC FORM JUL 64 0855 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GL AL CLIMATOLOGY BRA.CH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724357 — STATION
PHILLIPS/ABERDEEN MD — STATION NAME
42-57 — YEARS
JUL — MONTH

ALL WEATHER — CLASS
15-2-1700 — HOURS (L S T)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.6	.9	.3		.1						2.[illegible]	7.5
NNE		.[illegible]	.8	.3								1.7	6.2
NE	.7	.6	1.1									[illegible]	[illegible]
ENE	.3	1.9	1.7	1.0	.1							4.8	8.1
E	.3	1.8	1.1	.5	.1							3.3	6.7
ESE	.3	.4	1.3	.2	.2							2.5	[illegible].3
SE	.4	1.1	1.3	.3								3.1	6.7
SSE	.6	2.9	2.7	1.1								7.2	7.3
S	1.5	2.0	4.2	2.0	.5	.1						1[illegible].9	8.6
SSW	.7	3.1	8.7	4.7	1.1							1[illegible]	9.7
SW	1.3	3.[illegible]	5.2	2.6								12.[illegible]	7.7
WSW	.3	1.1	1.9		.1							3.[illegible]	6.5
W	1.3	.4	1.4	.5								4.1	6.4
WNW	.6	1.3	1.7	1.1	.1							4.[illegible]	[illegible]
NW	1.1	1.9	2.8	1.8								7.6	7.9
NNW	.5	1.2	2.9	.9								5.6	7.7
VARBL													
CALM												4.7	
	12.6	25.3	32.4	17.4	2.3	.2						100.[illegible]	7.7

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAFETAC FORM [illegible] 64 0 A 5-OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] PHILLIPS/ABERDEEN MC — 42-57 — JUL

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — [illegible]

CLASS — HOURS (LST)

CONDITION

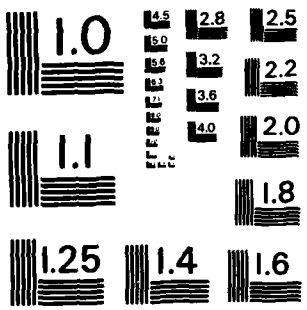
SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]		[illegible]							[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]		[illegible]							[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM [illegible] OL A [illegible]

AD-A137 577 PHILLIPS ABERDEEN MARYLAND REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBS..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 03 NOV 83 2/5

UNCLASSIFIED USAFETAC/DS-83/047 SBI-AD-E850 500 F/G 4/2 NL



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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (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	.2	1.1	.8	.3								2.4	7.0
NNE	.1	.4	.8	.2								1.5	7.3
NE	.2	.5	1.1	.4								2.3	7.9
ENE	.3	.8	.4	.2								1.7	6.7
E	.9	.5	.4	.5	.3	.1						2.8	9.1
ESE	1.0	1.4	.3									2.7	4.6
SE	.5	1.2	1.0		.1							2.8	6.2
SSE	1.0	1.5	1.2	.2								3.9	5.8
S	1.5	2.7	1.6	.4								6.2	5.6
SSW	2.4	3.4	2.5	.9	.1							9.2	6.3
SW	2.5	4.4	3.3	.2								10.4	5.7
WSW	2.0	2.5	1.0									5.5	4.6
W	2.6	2.3	.2	.1								5.2	3.9
WNW	1.7	3.4	.1	.1								5.4	4.3
NW	1.6	2.5	.6	.1								4.8	4.7
NNW	.9	2.2	.8			.1						3.9	5.7
VARBL													
CALM												29.4	
	19.4	30.8	16.0	3.8	.5	.2						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (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	.9	2.1	1.2	.3		.0						4.5	5.9
NNE	.6	1.4	1.6	.2	.0							3.7	6.5
NE	.6	1.1	1.1	.3	.0	.0						3.2	6.7
ENE	.6	1.2	1.6	.7	.0	.0						4.2	7.6
E	.6	1.1	.7	.6	.1	.0						3.2	7.6
ESE	.6	.8	.8	.1	.1							2.4	6.4
SE	.5	.8	.8	.1	.0							2.2	6.3
SSE	.7	1.2	1.6	.3	.0							3.8	6.7
S	1.2	2.0	2.0	.8	.1	.0						6.1	7.1
SSW	1.2	2.9	4.3	2.0	.3							10.7	8.0
SW	1.8	3.1	3.3	.9	.0							9.1	6.6
WSW	1.7	2.2	1.3	.2	.0							5.4	5.3
W	1.8	1.6	.7	.3	.0							4.4	4.9
WNW	1.2	1.8	1.1	.4	.1							4.6	6.2
NW	1.4	2.2	1.9	.8	.1	.0						6.3	6.7
NNW	1.1	2.1	2.0	.6	.1	.0						5.9	6.7
VARBL													
CALM												20.2	
	16.4	27.6	26.1	8.6	1.0	.1						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 7440

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (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	1.9	3.5	1.9	.3								7.7	5.3
NNE	1.1	2.0	2.6	.1								5.8	6.1
NE	1.9	1.5	1.8	.1								5.4	5.3
ENE	.8	1.0	.9	.5	.1	.2	.1					3.5	8.9
E	.4	.9	1.2	.1								2.6	6.7
ESE	.5	.2	.1	.2								1.1	6.0
SE	.3	1.2	.2	.1		.1						1.9	6.4
SSE	.2	.9	.8		.1							1.9	6.6
S	1.0	1.7	1.7	.4								4.8	6.3
SSW	1.3	1.3	.9	.1								3.5	5.2
SW	.8	1.4	1.0	.1								3.2	5.9
WSW	1.8	2.3	.6	.2								4.9	4.8
W	3.3	4.2	.5									8.1	4.0
WNW	1.2	1.8	.4	.2								3.7	5.1
NW	1.8	1.6	1.7	.3								5.5	5.7
NNW	1.8	1.9	1.9	.4								6.1	5.9
VARBL													
CALM												30.1	
	20.2	27.4	18.3	3.3	.2	.3	.1					100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (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	3.0	4.4	3.2	.6								11.3	5.7
NNE	2.0	3.5	2.3	.3								8.2	5.7
NE	2.6	1.0	1.9	.2								5.7	5.5
ENE	.6	.1	1.0	.1		.1						1.9	7.9
E	.8	.9	.4									2.0	4.6
ESE	.1	.3	.4	.3		.2						1.4	10.7
SE	.2	.8	.4	.1								1.5	6.0
SSE	1.1	.6	.8	.2								2.7	5.7
S	.4	1.3	.6	.3	.1							2.8	6.8
SSW	.5	.8	.4	.1	.1							1.9	6.4
SW	.8	1.5	1.2	.2								3.7	6.0
WSW	1.6	1.0	.4									3.0	4.1
W	1.4	2.8	.8									4.9	4.7
WNW	1.2	1.9	.1	.4								3.7	5.4
NW	1.3	2.4	1.2	.2								5.1	5.6
NNW	2.3	2.4	2.3	.3								7.2	5.4
VARBL													
CALM												33.0	
	19.9	25.6	17.4	3.5	.2	.3						100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (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	1.9	2.5	2.7	.4								7.5	6.1
NNE	1.9	3.0	2.5	.8								8.2	6.1
NE	1.3	2.7	2.7	.9	.1							7.6	6.8
ENE	1.3	1.3	2.9	1.5	.4							7.4	8.6
E	.8	.8	.4	.2								2.2	5.9
ESE	.6	.2	.4	.1		.2						1.6	8.3
SE	.1	1.4	1.0	.3								2.8	7.0
SSE	.3	1.0	1.4	.4		.1						3.2	8.1
S	.2	1.1	1.4	.1	.1							2.9	6.8
SSW	.8	.3	1.1	.5		.1						2.8	7.9
SW	1.0	1.3	.4	.4	.3							3.4	7.1
WSW	1.5	1.5	1.0	.3								4.3	5.2
W	1.5	1.1										2.6	3.4
WNW	.4	2.6	1.0	.2								4.2	5.8
NW	.9	2.2	1.3	.6	.2							5.2	6.8
NNW	1.0	2.5	3.0	1.2	.1							7.7	7.3
VARBL													
CALM												26.3	
	15.5	25.3	23.1	8.1	1.3	.4						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (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	.5	2.0	2.5	.5								5.6	7.4
NNE	.6	1.4	2.0	1.5	.1							5.7	8.3
NE	.3	1.2	2.2	.8	.1							4.5	8.4
ENE	.5	2.2	5.9	2.3	.4	.1						11.4	9.1
E	.6	1.9	1.9	.3	.1							4.9	6.6
ESE	.3	.6	1.5	.5								3.0	8.1
SE	.8	1.0	1.1	.1								2.9	5.6
SSE	1.0	1.5	2.6	.5	.1	.2						5.9	7.6
S	1.1	.6	2.5	.9	.4	.1						5.6	8.5
SSW	.3	1.4	2.7	1.7	.1							6.2	8.6
SW	1.7	1.6	1.7	.9	.1							6.0	6.7
WSW	.3	1.2	1.7	.3								3.5	7.0
W	.8	.8	.9	.3								2.7	6.1
WNW	.4	1.5	2.3	.8	.1							5.1	7.8
NW	1.1	2.3	2.2	1.6	.5	.1						7.7	8.5
NNW	1.8	2.4	3.0	1.6	.3							9.1	7.4
VARBL													
CALM												10.0	
	12.3	23.5	36.6	14.6	2.5	.5						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (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	.6	1.8	1.4	.6	.1							4.6	7.2
NNE	.2	.9	.8	.9								2.7	8.3
NE	.2	.8	.5	.6	.1	.1						2.4	9.5
ENE	.6	3.2	4.0	.5	.3	.1						8.8	7.8
E	.9	1.4	1.7	1.0								4.9	7.3
ESE	.3	1.0	1.4	.8	.1							3.5	8.2
SE	.8	1.3	2.0	.3								4.4	7.0
SSE	.6	2.4	2.9	1.3	.3							7.5	8.0
S	.5	1.5	4.5	2.4	.4	.1						9.5	9.4
SSW	.9	1.1	4.2	2.6	.6							9.4	9.4
SW	1.0	2.2	2.8	1.1								7.0	7.2
WSW		.6	1.4	.6	.1							2.8	9.0
W	.8	.9	1.3	.8								3.7	7.4
WNW	1.0	1.0	3.3	1.0	.1							6.3	7.6
NW	1.0	3.0	2.9	1.7	.8							9.4	8.3
NNW	.8	1.8	3.0	2.7								8.3	8.8
VARBL													
CALM												4.8	
	10.1	24.7	38.2	18.8	3.0	.3						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (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	.8	1.4	2.2	.6	.1	.2						5.3	7.8
NNE	.8	.5	1.0	.6								2.9	7.3
NE	.2	1.4	1.2	.4		.2	.1					3.5	8.8
ENE	.3	1.7	2.2	.8								4.9	7.5
E	.9	1.7	1.6	1.0	.1							5.3	7.5
ESE	.2	1.3	1.3	.8	.4							4.0	8.6
SE	.2	1.3	1.7	.2								3.4	7.0
SSE	.6	2.6	1.7	1.3	.1							6.3	7.3
S	1.1	2.7	5.1	2.0	.3							11.2	8.4
SSW	.8	3.1	4.9	4.4	.5							13.8	9.2
SW	1.3	2.3	2.5	1.5	.2							7.7	7.7
WSW	.3	1.0	1.0	.3	.1							2.7	7.6
W	.5	.9	1.5	.4								3.3	7.1
WNW	.4	1.4	1.8	.3	.1							4.1	7.6
NW	1.6	2.2	2.7	1.6	.4		.1					8.6	8.3
NNW	1.2	1.7	3.2	1.7		.1						8.0	8.0
VARBL													
CALM												4.9	
	11.2	27.1	35.5	18.1	2.5	.5	.2					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	1.2	1.4	.4	.1							4.6	6.1
NNE	.3	.5	1.0	.4								2.3	7.7
NE	.8	1.2	.9	.4	.1	.2	.1					3.7	8.5
ENE	.8	.4	.9	.2								2.3	6.3
E	1.0	1.2	1.1	.3	.1							3.7	6.5
ESE	.4	2.3	1.5	.8	.1							5.1	7.5
SE	.5	2.0	2.4	.3	.1							5.4	6.7
SSE	1.1	1.5	1.8	.4								4.8	6.3
S	1.6	2.4	2.2	.8	.1							7.0	6.4
SSW	2.5	2.0	2.4	1.3	.3							8.5	6.9
SW	1.5	2.8	2.8	.4								7.5	6.1
WSW	1.2	1.5	.4									3.1	4.4
W	2.0	1.1	.3									3.4	3.8
WNW	1.4	1.5	.9	.1	.1							4.0	5.4
NW	2.2	2.5	1.4	.2								6.2	5.1
NNW	1.4	1.9	1.8	.3								5.5	6.1
VARBL													
CALM												23.0	
	20.1	26.0	23.0	6.5	1.1	.2	.1					100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (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	.9	.8	2.3	.5								4.4	7.5
NNE	.8	.9	1.5	.4	.1							3.7	7.0
NE	1.0	1.0	1.4			.1	.1					3.5	7.0
ENE	.4	.8	.5	.4		.1						2.3	7.8
E	.5	1.4	1.5	.6	.1							4.2	7.5
ESE	.8	1.0	1.2	.5	.3							3.8	8.2
SE	.5	1.6	1.9									4.1	6.1
SSE	1.4	.9	1.4	.2								3.9	5.7
S	2.2	2.2	1.3	.6	.1							6.3	6.0
SSW	1.2	.8	1.1	.5	.1							3.7	6.8
SW	1.2	2.3	1.5	.5								5.5	6.1
WSW	1.0	2.2	.5									3.7	4.7
W	2.3	3.3	.4									6.0	4.1
WNW	1.6	2.0	.9	.2								4.7	5.0
NW	1.6	2.2	.6	.2								4.6	4.7
NNW	1.2	2.5	.9									4.5	4.8
VARBL													
CALM												31.2	
	18.4	25.5	18.9	4.9	.8	.2	.1					100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (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	1.4	2.2	2.2	.5	.0	.0						6.4	6.4
NNE	1.0	1.6	1.7	.6	.0							4.9	6.8
NE	1.0	1.3	1.6	.4	.1	.1	.0					4.5	7.1
ENE	.7	1.3	2.3	.8	.2	.1	.0					5.3	8.3
E	.7	1.3	1.2	.4	.1							3.7	6.8
ESE	.4	.9	1.0	.5	.1	.1						2.9	8.2
SE	.4	1.3	1.3	.2	.0	.0						3.3	6.5
SSE	.8	1.4	1.7	.6	.1	.0						4.5	7.1
S	1.0	1.7	2.4	.9	.2	.0						6.3	7.6
SSW	1.0	1.3	2.2	1.4	.2	.0						6.2	8.2
SW	1.1	1.9	1.7	.6	.1							5.5	6.7
WSW	1.0	1.4	.9	.2	.0							3.5	5.7
W	1.6	1.9	.7	.2								4.3	4.9
WNW	1.0	1.7	1.3	.4	.1							4.5	6.4
NW	1.4	2.3	1.7	.8	.2	.0	.0					6.5	6.9
NNW	1.4	2.1	2.4	1.0	.1	.0						7.1	6.9
VARBL													
CALM												20.4	
	16.0	25.6	26.4	9.7	1.4	.4	.1					100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 7440

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 49-57 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 0000-0200 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	3.8	3.1	.1								8.9	5.7
NNE	1.1	2.6	1.4	.2	.2							5.6	6.2
NE	.6	1.9	1.8	.7	.4							5.3	7.8
ENE	.7	.8	1.2	1.0	.2	.2						4.1	9.2
E	.8	.6	.9	.2	.4							2.9	7.9
ESE	.3		.2									.6	5.8
SE	1.0	.4	.1									1.6	3.8
SSE	.3	1.0	.3									1.7	5.2
S	1.2	1.6	1.6	.4	.6							5.3	7.3
SSW	.2	1.1	1.3	.7	.2							3.6	8.4
SW	1.4	2.4	.7									4.6	4.9
WSW	1.2	1.6										2.8	3.8
W	1.4	1.7	.6		.1							3.8	5.1
WNW	1.7	.7	.8	.1								3.2	4.9
NW	2.0	1.7	1.4	.1								5.2	5.1
NNW	1.2	3.1	2.1	.2								6.7	5.9
VARBL													
CALM												34.3	
	17.1	24.8	17.6	3.8	2.2	.2						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 66 0-8 5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (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	1.9	6.6	4.6	.7	.1							13.8	6.3
NNE	1.0	3.3	1.4	.4								6.2	6.0
NE	.6	2.0	1.1	.7	.2	.1						4.7	7.8
ENE	.2	.4	1.4	.8	.4		.1					3.4	10.3
E	.6	.7	1.3	.6	.3	.1						3.6	8.8
ESE	.2	.1	.2									.7	5.3
SE	.6	1.0	.1	.1								1.8	4.9
SSE	.8	1.1	.2	.2								2.3	5.1
S	.8	.8	.9	.4	.1							3.0	7.0
SSW	.1	.8	.6	.6								2.0	8.1
SW	.9	2.1	.9	.4								4.3	6.0
WSW	1.1	.6	.2	.1								2.0	4.3
W	1.7	2.0	.2	.1								4.0	4.3
WNW	.4	1.1	.4		.1							2.1	5.9
NW	1.8	2.1	1.1	.1								5.1	4.9
NNW	1.8	3.2	2.1	.4								7.6	5.8
VARBL													
CALM												13.4	
	14.4	27.9	16.9	5.7	1.3	.2	.1					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (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	1.6	4.7	3.6	.9	.2							11.1	6.6
NNE	2.0	3.4	2.4	.6								8.4	6.1
NE	1.2	2.0	2.6	1.3	.1							7.2	7.3
ENE	.3	.6	1.8	1.7	.3							4.7	10.2
E	1.2	1.4	.8	.7								4.1	6.1
ESE		.2	.6	.2								1.0	9.0
SE	.4	1.3	.2		.1							2.1	5.3
SSE	.2	.8	1.2	.1		.1						2.4	7.5
S	.9	.7	1.4	.7	.2							3.5	8.2
SSW	.6	1.1	.6	.8	.1							3.1	7.6
SW	1.0	3.0	1.3	.3								5.7	5.8
WSW	1.4	1.1	.6									3.1	4.6
W	1.7	1.1	.9									3.7	5.0
WNW	.6	1.4	.3		.1							2.4	5.3
NW	1.0	1.6	2.0	.3	.1							5.0	7.0
NNW	1.1	3.3	2.4	1.3	.1							8.3	7.1
VARBL													
CALM												23.9	
	15.3	27.8	22.7	8.9	1.4	.1						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 900.

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 49-57 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	2.4	4.8	1.1	.2							9.3	7.7
NNE	.3	2.0	1.7	1.3	.3							5.4	8.5
NE	.7	2.9	3.1	1.3	.2	.1						8.3	8.1
ENE	.8	2.0	3.6	2.6	.1							9.0	8.8
E	1.2	1.4	1.3	2.1	.2							6.3	8.3
ESE	.3	1.1	.8	.3								2.6	7.1
SE	.1	.9	1.0	.4								2.4	7.6
SSE	.2	1.1	1.2	.3								2.9	7.2
S	.4	1.3	3.0	1.6	.4							6.8	9.2
SSW	.6	.9	3.1	2.8	.2							7.6	9.8
SW	.8	2.1	3.8	1.9	.7							9.2	8.9
WSW	.7	1.1	1.0	1.0								3.8	7.5
W	.7	.8	1.0	.2								2.7	6.2
WNW		.7	1.2	1.3	.2							3.4	10.7
NW	.7	.6	1.0	1.6		.1						3.9	9.6
NNW	.7	1.2	3.3	2.8	.3	.1						8.4	9.5
VARBL													
CALM												7.9	
	8.9	22.6	34.9	22.4	3.0	.3						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM 0851 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (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	.3	1.1	2.7	1.1	.2							5.4	8.7
NNE	.7	1.6	1.9	.6	.1							4.8	7.6
NE	.6	1.1	2.0	.6		.2						4.4	8.1
ENE	1.0	1.0	2.2	1.6	.4							6.2	9.1
E	.6	1.3	2.9	.8								5.6	7.9
ESE	.8	.6	1.1	1.0								3.4	8.3
SE	.7	1.3	1.1		.1							3.2	6.0
SSE	.7	1.1	1.1	.3								3.2	6.6
S	.2	2.8	2.4	2.7	.8							8.9	9.6
SSW	.2	1.4	4.3	4.9	.4							11.3	10.5
SW	1.1	2.7	3.2	3.2	.4							10.7	8.9
WSW	.2	1.0	1.2	.8	.2							3.4	8.4
W	.6	1.0	1.1	.3	.3							3.3	8.3
WNW	.3	.1	.8	1.9	.1							3.2	10.8
NW	.8	1.9	2.1	2.3	.4	.1						7.7	9.3
NNW	.4	1.7	3.7	3.0	.3	.1						9.2	9.8
VARBL													
CALM												5.9	
	9.1	21.7	33.9	25.0	4.0	.4						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.8	2.0	.3	.1							4.6	7.3
NNE	.2	1.7	1.4	.8								4.1	7.7
NE	.6	1.0	1.9	.6	.6							4.6	8.6
ENE	.9	1.6	1.7	1.2	.3							5.7	8.2
E	1.6	1.7	.8									4.0	4.8
ESE	.3	1.7	.8	.9								3.7	7.5
SE	.3	.9	.9	.6								3.1	6.4
SSE	.3	1.9	1.1	.2								3.6	6.5
S	1.2	2.7	2.6	2.1	.3							8.9	7.9
SSW	1.1	3.3	6.4	4.1	.4							15.4	9.1
SW	1.4	3.4	3.0	1.2	.2							9.3	7.0
WSW	.4	1.1	1.0	.3								2.9	6.5
W	.4	.6	.3	.2	.2							1.8	7.9
WNW	.6	.8	1.3	.4	.3							3.4	8.4
NW	.6	2.9	2.3	.9	.3							7.0	7.6
NNW	.8	2.3	3.2	1.9	.6	.1	.2					9.1	9.5
VARBL													
CALM												8.9	
	11.6	29.2	30.8	15.8	3.4	.1	.2					100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (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	1.6	2.7	.8	.1	.1							5.2	5.2
NNE	.6	1.2	1.6	.3								3.7	6.7
NE	.9	1.0	1.1	.3	.3							3.6	7.7
ENE	.2	1.2	.8	1.1	.4	.1						3.9	9.9
E	.3	1.0	1.2	1.0								3.6	8.3
ESE	.4	1.2	.7	.2								2.6	6.3
SE	.7	1.2	1.1	.4								3.4	6.6
SSE	.4	1.0	1.1	.4								3.0	7.0
S	1.3	2.2	2.8	1.7								8.0	7.5
SSW	1.9	2.9	1.7	.7								7.1	5.9
SW	2.8	3.2	.9	.4		.1						7.4	5.0
WSW	1.4	2.0	.6	.2	.1							4.3	5.5
W	1.1	.6	.3									2.0	4.2
WNW	.9	1.2	.8									2.9	5.0
NW	1.8	2.7	1.0	.2								5.7	5.0
NNW	1.8	3.7	2.1	.3								7.9	5.6
VARBL													
CALM												25.8	
	18.0	29.0	18.4	7.6	1.0	.2						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (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	1.2	3.6	1.9	.2								6.9	5.6
NNE	1.2	1.3	.8	.4								3.8	5.8
NE	.4	1.0	1.2	.8	.4							3.9	9.4
ENE	.2	1.1	.8	1.1		.3						3.6	9.9
E	.4	1.1	1.4	1.0								4.0	8.0
ESE	.3	.4	.4									1.2	6.1
SE	.4	.7	.6	.1								1.8	6.1
SSE	.6	1.7	1.1	.4								3.8	6.5
S	1.3	2.3	1.7	1.3								6.7	7.0
SSW	.6	1.1	1.0	1.0								3.7	7.9
SW	1.2	2.0	1.2	.4								4.9	6.1
WSW	.4	1.9	.6									2.9	5.2
W	1.6	1.6	.2									3.3	4.2
WNW	1.0	1.7	.3	.3								3.3	5.3
NW	1.2	2.7	1.6	.3								5.8	5.8
NNW	2.0	2.8	2.0	.4	.1							7.3	5.9
VARBL													
CALM												33.2	
	14.2	26.9	16.8	8.0	.6	.3						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	3.3	2.9	.6	.1							8.2	6.6
NNE	.9	2.1	1.6	.6	.1							5.2	6.8
NE	.7	1.6	1.8	.8	.3	.1						5.2	8.0
ENE	.5	1.1	1.7	1.4	.3	.1	.0					5.1	9.3
E	.8	1.2	1.3	.8	.1	.0						4.2	7.5
ESE	.4	.7	.6	.3								2.0	7.2
SE	.6	1.0	.6	.2	.0							2.4	6.0
SSE	.4	1.2	.9	.3		.0						2.9	6.5
S	.9	1.8	2.0	1.4	.3							6.4	8.1
SSW	.7	1.6	2.4	1.9	.2							6.7	8.8
SW	1.3	2.6	1.9	1.0	.2	.0						7.0	7.0
WSW	.9	1.3	.6	.3	.0							3.2	5.9
W	1.1	1.2	.6	.1	.1							3.1	5.5
WNW	.7	1.0	.7	.5	.1							3.0	7.2
NW	1.2	2.0	1.6	.7	.1	.0						5.7	6.9
NNW	1.2	2.7	2.6	1.3	.2	.0	.0					8.1	7.6
VARBL													
CALM												21.7	
	13.6	26.2	24.0	12.1	2.1	.2	.0					100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 7200

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (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	4.4	2.9	1.6	.4	.1						10.0	7.9
NNE	.5	4.1	3.5	1.5								9.7	7.5
NE	.5	3.0	3.1	1.4								8.1	7.9
ENE	.6	.9	.9	2.2								4.5	9.5
E	1.3	.6	.4	.3	.1							2.8	5.9
ESE	.3	.2	.1	.1								.8	6.1
SE	.3	.3	.4	.1								1.2	6.1
SSE	.1	.3	.4	.2								1.1	7.6
S	.5	1.2	.4	.2								2.4	6.2
SSW	.2	.4	.9	.8	.1							2.4	9.3
SW	1.0	2.2	1.0	.9	.1							5.1	6.6
WSW	1.1	2.7	.3									4.1	4.7
W	.6	2.5	.9									4.0	5.0
WNW	.5	2.2	1.1	.4								4.2	6.3
NW	1.1	2.6	1.7	.5								5.9	6.3
NNW	.6	2.9	2.2	.8	.2							6.7	7.3
VARBL													
CALM												27.3	
	10.0	30.4	20.2	11.0	1.0	.1						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (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	1.8	5.1	4.7	.8	.3							12.7	6.8
NNE	.9	3.3	3.5	2.5	.2	.1						10.5	8.4
NE	.6	2.3	2.6	1.6								7.1	7.9
ENE	.8	1.4	.9	1.8	.1							4.9	8.4
E	.4	1.4	.4	.2								2.5	5.8
ESE	.1	.2	.2	.6								1.2	10.5
SE	.4		.2		.1							.8	6.4
SSE	.4	.2	.1									.8	4.0
S	.6	.5		.3								1.6	5.7
SSW	.2	.4	1.1	.1								1.8	7.5
SW	.9	2.2	1.2	.4								4.6	6.0
WSW	.5	1.5	.4	.1								2.6	5.2
W	1.3	2.4	.9	.1								4.6	4.8
WNW	.9	1.5	1.2	.4								4.0	6.4
NW	1.1	2.6	1.8	.5								6.0	6.2
NNW	.8	3.9	4.0	.5	.6							9.8	7.5
VARBL													
CALM												24.5	
	11.7	28.9	23.2	10.1	1.4	.1						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 2600-0800 (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	1.5	3.5	5.7	1.1	.3							12.2	7.2
NNE	1.0	3.2	3.1	2.9	.4	.1						10.8	8.6
NE	1.2	1.9	2.6	2.2	.4							8.3	8.5
ENE	.4	1.2	1.6	1.8	.3							5.4	9.5
E	.4	1.1	1.3	.1								2.9	6.2
ESE	.2	.1	.4	.6	.1							1.5	10.0
SE	.4	.1	.2	.1								.9	6.1
SSE	.5	.2	.3	.2								1.3	6.0
S	.3	.4	.3	.2								1.3	6.3
SSW	.2	.5	.5	.5	.1							1.9	8.4
SW	1.0	1.9	1.0	.4	.2							4.5	6.9
WSW	1.2	1.3	.6	.2								3.3	5.5
W	1.3	1.6	.6	.1								3.7	4.7
WNW	.3	2.5	1.2	.1	.1	.1						4.7	6.2
NW	1.5	1.9	1.9	.3	.3							6.0	6.6
NNW	1.2	2.7	2.3	1.4	.9							8.4	8.4
VARBL													
CALM												23.0	
	13.1	24.3	23.8	12.4	3.2	.2						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.6	3.1	3.7	.9							8.5	11.1
NNE	.2	1.9	3.1	3.4	.5							9.2	10.0
NE	.2	1.8	2.9	2.5	.1	.1						7.6	9.5
ENE	.3	2.2	3.8	4.4	.5							11.2	10.2
E	1.0	1.2	1.3	1.3	.1							4.8	7.9
ESE	.5	.6	.3	.1	.2							1.8	7.0
SE	.2	.9	.1	.1	.1							1.4	6.0
SSE	.5	1.0	.5	.3	.1							2.5	6.7
S	.1	.5	1.5	1.1								3.2	9.3
SSW	.8	1.6	1.6	1.4	.9							6.2	9.2
SW	1.2	1.4	2.5	1.1								6.1	7.7
WSW	1.1	1.9	1.7	.8								5.5	6.8
W	.6	.8	1.4	.4	.1							3.3	7.4
WNW	.5	.3	2.0	1.0	.1	.1						4.1	9.3
NW	.2	.9	.9	1.8	.6							4.4	11.6
NNW	.3	1.1	3.9	3.9	1.2	.2						10.5	11.3
VARBL													
CALM												9.5	
	8.1	18.7	30.6	27.2	5.5	.4						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724257 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (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	.4	1.0	3.0	2.7	.6		.1					7.8	10.4
NNE	.1	1.0	2.2	1.8	.2							5.3	9.6
NE	.3	1.6	2.2	1.7	.2	.2	.1					6.3	1[illegible].2
ENE	.5	1.4	3.3	3.9	.3							9.5	10.2
E	.3	1.0	1.9	1.0	.2							4.4	9.1
ESE	.1	1.3	1.0	.5		.1	.2					3.2	9.5
SE	.5	.8	.3									1.6	5.1
SSE	.2	.3	1.9	.2								3.1	7.7
S	.3	1.0	1.3	1.1	.3	.1						4.1	9.4
SSW	.6	2.0	3.3	2.8	1.4	.3						10.5	10.7
SW	.6	2.0	4.2	1.9	.1							8.9	8.3
WSW	1.4	1.5	1.6	.9	.1							5.5	6.8
W	.3	.4	.9	.9	.1							2.6	9.3
WNW	.3	1.3	1.3	1.7								4.6	9.1
NW	.4	1.7	2.7	2.4	.8	.1						8.1	1[illegible]
NNW	.2	.6	3.7	4.0	1.2	.2						9.9	11.6
VARBL													
CALM												4.5	
	6.9	19.4	34.7	27.4	5.6	1.1	.4					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (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	1.5	3.5	1.6	.3	.1						7.7	9.0
NNE	.1	1.6	2.0	1.2	.2							5.2	8.9
NE	.1	1.6	1.4	.9	.1		.1					4.2	8.9
ENE	.9	2.0	1.6	2.2	.4	.1						7.2	8.9
E	.9	1.2	1.8	1.1								4.9	8.0
ESE	.2	1.4	1.0		.1			.1	.1			2.9	9.0
SE	.4	1.3		.1				.1				1.9	6.7
SSE	.3	1.1	.4	.3								2.2	6.7
S	.9	2.0	2.5	1.3	.3							7.0	8.3
SSW	1.3	3.1	4.4	1.5	.6	.1						11.1	8.2
SW	1.1	3.5	2.3	.5								7.4	8.3
WSW	1.1	1.3	.9	.4								3.7	6.1
W	.4	1.5	.5	.8		.1						3.1	7.3
WNW	.3	1.3	2.4	.6	.2							4.8	9.4
NW	1.2	2.3	2.4	2.3	.2							8.3	8.4
NNW	.6	1.9	3.2	1.4	.5							7.7	8.8
VARBL													
CALM												10.6	
	10.4	28.7	30.3	15.9	3.1	.4	.1	.2	.1			100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 66 0 8 5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724257 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 1800-2300 (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	2.8	2.3	.5	.2							6.4	6.7
NNE	.8	1.4	1.4	1.2	.1	.2						5.1	8.5
NE	.8	1.1	1.9	.5		.1						4.4	7.8
ENE	.6	1.1	1.5	1.6	.1							4.9	8.8
E	.6	.9	1.3	1.1	.1							4.2	8.5
ESE	.2	1.4	.8	.2								2.9	6.4
SE	.4	.9	1.3				.1					2.6	7.2
SSE	.2	1.1	.4	.1		.1		.1				2.2	6.4
S	.8	1.4	1.8	1.0	.2							5.2	7.8
SSW	1.3	1.5	.9	.6	.3	.1		.1				4.9	8.0
SW	.6	1.9	.9	.1								3.5	5.2
WSW	1.0	1.6	.5				.1					3.2	5.7
W	1.5	2.0	.5									4.1	4.4
WNW	1.4	2.3	1.5	.5								5.7	6.0
NW	1.1	4.1	2.2	.4	.1							7.8	6.1
NNW	.9	3.1	2.4	.8	.6							7.7	7.8
VARBL													
CALM												25.5	
	12.9	28.4	21.7	8.7	1.8	.5	.2	.2				100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724 57 — STATION
PHILLIPS/ABERDEEN MD — STATION NAME
48-57 — 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	.4	3.4	2.2	.8	.3	.1						7.2	7.8
NNE	.8	2.0	3.4	.9	.2	.1						7.4	8.0
NE	.8	2.3	2.5	1.3								6.8	7.5
ENE	.4	.6	2.0	2.2	.1							5.4	10.0
E	.4	1.3	1.3	.2								3.2	6.8
ESE	.4	.2	.2	.1								1.0	5.7
SE	.1	.8	1.2									2.0	7.1
SSE	.5	.5	.4	.4								1.9	6.8
S	.2	1.0	.9	.5	.1							2.7	8.2
SSW	1.4	1.0	.9	.3	.3	.1						4.0	7.2
SW	.9	1.6	.9	.1								3.4	5.4
WSW	1.3	2.4	.2	.1			.1					4.1	5.1
W	1.3	3.0	.8	.1	.1							5.4	5.1
WNW	1.6	3.0	1.7	.2								6.6	5.5
NW	1.5	2.3	1.1	.4								5.3	6.0
NNW	.2	1.9	2.8	.8	.2	.2						6.1	8.6
VARBL													
CALM												27.5	
	12.3	27.3	22.5	8.4	1.4	.5	.1					100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 45-57 (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	.8	2.8	3.5	1.6	.4	.0	.0					9.1	8.2
NNE	.5	2.3	2.8	1.9	.2	.1						7.9	6.6
NE	.6	1.9	2.4	1.5	.1	.1	.0					6.6	8.5
ENE	.6	1.3	1.9	2.5	.2	.0						6.6	9.6
E	.7	1.1	1.2	.7	.1							3.7	7.5
ESE	.3	.7	.5	.3	.1	.0	.0	.0	.0			1.9	8.3
SE	.4	.6	.5	.1	.0		.0	.0				1.5	6.5
SSE	.4	.6	.6	.2	.0	.0		.0				1.9	7.0
S	.5	1.0	1.1	.7	.1	.0						3.4	8.0
SSW	.8	1.3	1.7	1.0	.5	.1		.0				5.3	8.9
SW	.9	2.1	1.7	.7	.1							5.5	6.8
WSW	1.1	1.9	.9	.3	.0		.0					4.0	5.9
W	.9	1.8	.8	.3	.0	.0						3.8	5.7
WNW	.8	1.8	1.5	.6	.1	.0						4.8	7.0
NW	1.0	2.3	1.8	1.1	.3	.0						6.5	7.6
NNW	.6	2.3	3.0	1.7	.7	.1						8.4	9.1
VARBL													
CALM												19.1	
	10.7	25.8	25.9	15.1	2.9	.4	.1	.1	.0			100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 7440

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 0000-0200 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	3.3	1.6	.2	.2	.3	.1					7.1	7.1
NNE	.6	1.3	1.2	.2	.2							3.6	6.9
NE	1.1	1.7	.7	.7	.2							4.3	6.8
ENE	.7	1.0	.8	1.0	.2	.1						3.8	9.0
E	.9	1.2	1.6	.3		.1	.1					4.2	7.4
ESE	.4	1.1	.9	.1								2.6	6.3
SE	.4	.4	.2									1.1	4.7
SSE	.2	.3	.6									1.1	6.1
S	.6	.4	.7	1.0	.2							2.9	9.5
SSW	.7	1.0	1.4	1.1	.6							4.4	9.9
SW	.2	2.4	1.1	.6								4.3	6.8
WSW	1.2	2.1	1.6	.8	.2							5.9	6.8
W	1.6	4.7	2.1	.3								8.7	5.8
WNW	.8	2.9	2.6	1.0	.2							7.4	7.5
NW	3.0	3.0	2.4	2.0	.2							10.7	7.0
NNW	.3	2.8	3.0	.9	.3	.1						7.4	7.7
VARBL													
CALM												20.4	
	13.7	29.8	22.3	11.2	2.7	.7	.2					100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724.57 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 49-57 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 0700-0500 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	3.0	2.9	.4								7.7	6.4
NNE	.7	1.3	1.1	.9	.1							4.1	7.4
NE	.3	2.1	1.1	.4								4.0	6.7
ENE	1.0	1.0	1.2	.6	.7	.1						4.1	7.8
E	.8	1.3	2.0	.7		.1		.2				5.1	8.7
ESE	.2	1.1	.7		.1			.1				2.2	8.0
SE	.6	.2	.7	.3								1.8	6.8
SSE	.1	.7	.1	.2	.2							1.3	8.9
S	.2	.9	.6	1.1	.3	.1						3.2	10.4
SSW	.2	.6	.9	.4								2.1	7.9
SW	.2	2.1	1.3	.2	.1							4.0	6.6
WSW	1.1	2.9	1.4	.2								5.7	5.7
W	1.3	5.[illegible]	2.3	.7								9.3	6.0
WNW	.7	3.2	2.3	1.4	.1							7.8	7.3
NW	1.3	3.2	2.4	1.7	.3							9.0	7.5
NNW	.4	3.1	1.8	1.3	.4	.2						7.3	8.6
VARBL													
CALM												21.2	
	10.6	31.8	22.9	10.7	2.0	.6		.3				100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	2.3	2.0	.7								6.3	6.6
NNE	.9	2.0	1.1	.6	.1							4.7	6.7
NE	.8	2.8	1.0	.4	.1							5.1	6.2
ENE	.9	2.7	2.0	.9	.1	.1						6.7	7.7
E	.8	1.8	1.4	.7			.2					4.9	7.9
ESE	.6	.6	.3	.7				.1				2.2	9.0
SE	.3	.3	.1									1.2	3.8
SSE	.2	.6	.3	.1	.6	.1						1.9	10.9
S	.3	.7	.4	.8	.6							2.8	10.8
SSW	.3	.8	.9	.3	.1	.1						2.6	8.1
SW	.8	1.9	1.0	.3								4.0	6.0
WSW	.7	3.2	1.4	.3	.1							5.8	6.3
W	2.3	3.9	2.2	.4	.1							9.0	5.8
WNW	1.4	3.7	2.8	1.4	.2							9.6	7.1
NW	1.3	1.9	2.3	1.6	.1							7.2	7.6
NNW	1.4	2.2	2.4	1.7	.4							8.2	8.1
VARBL													
CALM												17.9	
	14.9	31.2	21.9	10.9	2.6	.3	.2	.1				100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.6	.6	1.6	.3							3.6	10.1
NNE	.2	.7	1.6	.7	.2							3.3	9.0
NE	.6	.9	.9	.3	.2							2.9	7.3
ENE	.3	2.0	2.7	1.6	.1	.1						6.8	8.9
E	.8	2.6	1.6	1.0	.4	.1						6.4	8.1
ESE	.9	.7	.9	.1	.1	.1						2.8	6.6
SE	.3	1.0	1.0	.8								3.1	7.6
SSE	.4	.4	.8	1.0	.2							2.9	9.4
S	.2	.9	1.1	2.0	.8	.1						5.1	11.5
SSW	.6	.3	1.4	1.4	.6	.3						4.7	11.3
SW	.4	1.8	2.0	1.6	.1							5.9	8.3
WSW	.8	1.1	1.8	1.1	.7							5.4	9.3
W	1.4	1.7	1.4	1.3	.2	.1						6.2	7.9
WNW	.6	2.1	2.9	3.3	1.9	.6						11.3	11.5
NW	1.1	1.4	2.1	3.4	.9	.4						9.4	11.0
NNW	.9	1.3	3.1	3.6	1.8	.2						10.9	11.3
VARBL													
CALM												9.2	
	10.1	19.4	25.8	24.8	8.6	2.1						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.3	1.6	1.8								3.8	10.4
NNE	.2	.7	1.1	.6	.1							2.7	8.6
NE	.2	1.7	1.3	.4	.2	.1						4.0	8.2
ENE	.7	1.7	1.8	.9								5.0	7.6
E	.3	1.9	.9	.7	.2	.1	.1					4.2	8.8
ESE	.2	1.0	.7									1.9	6.0
SE	.3	1.1	.7	.4	.1							2.7	7.8
SSE	.1	.9	.8	.9	.7	.1						3.4	10.9
S	.3	1.6	2.0	2.1	1.0							7.0	10.9
SSW	.3	1.1	3.7	3.1	.7	.2						9.1	10.7
SW	.8	2.0	2.4	1.7	.4							7.3	8.7
WSW	.9	.8	2.6	.9	.6							5.7	8.6
W	.1	1.1	1.4	.9	.4							4.0	9.5
WNW	.1	1.2	2.3	5.4	2.9	.3						12.3	13.0
NW	.4	.6	3.1	4.7	1.9	.8						11.4	12.8
NNW	.2	.7	3.1	4.4	2.0	.1						10.6	12.5
VARBL													
CALM												4.9	
	5.4	18.2	29.4	28.9	11.2	1.8	.1					100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 66 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724257 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.9	2.2	.6	.2							5.3	7.8
NNE		.7	1.4	.6	.1	.2	.1					3.1	10.7
NE	.4	.8	1.0	.4								2.7	7.4
ENE	.3	1.6	.9	.7	.1							3.6	7.7
E	1.0	2.2	1.3	.7	.3	.1						5.7	7.5
ESE	.2	.7	.3	.4								1.7	7.8
SE	.7	1.1	.2	.2	.1							2.3	6.0
SSE	.4	.8	.7	.9	.1	.1						3.0	9.4
S	1.3	1.3	2.4	1.4	.9	.2						7.7	9.4
SSW	1.9	2.7	2.0	1.4	.3	.1						8.4	7.6
SW	.8	2.1	2.0	.7	.2							5.8	7.5
WSW	.7	1.1	.3	.8								2.9	7.0
W	.2	1.4	.8	.8	.3							3.6	8.6
WNW	1.2	3.0	3.0	3.8	1.9	.2	.1					13.2	10.6
NW	.6	2.9	5.4	4.1	.3							13.3	9.3
NNW	.4	2.0	2.6	2.2	1.1	.1						6.4	10.2
VARBL													
CALM												9.3	
	10.7	26.2	26.7	19.7	6.1	1.1	.2					100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 45-57 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.0	.6	.2		.1						4.0	5.7
NNE		.5	1.3	1.1	.2	.2						3.7	10.6
NE	.6	.7	.9	.8								2.9	8.0
ENE	.1	1.2	.3	.2	.4							2.3	8.9
E	1.2	1.8	1.2	1.1	.2							5.6	7.3
ESE	.2	.9	.8		.1							2.0	6.9
SE		.8	1.1	.1								2.0	7.1
SSE	.3	1.1	.7	.6	.3							3.0	9.0
S	.8	1.0	2.2	1.3	.2		.1					5.7	9.0
SSW	1.1	1.4	1.1	.9	.1							4.7	7.0
SW	.7	1.4	.4	.4	.1	.1						3.2	7.1
WSW	1.0	2.0	1.1	.7								4.8	6.3
W	2.0	3.5	1.0	.3								6.8	5.2
WNW	1.9	2.8	2.2	2.0	.3	.1						9.4	7.9
NW	2.3	2.8	4.6	1.7	.7	.2						12.2	8.2
NNW	.7	2.4	2.4	1.6	.6	.1						7.8	8.7
VARBL													
CALM												19.9	
	14.0	26.6	22.0	13.0	3.3	.9	.1					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 898

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 45-57 (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	.9	2.7	1.2	.6	.1	.3						5.8	7.3
NNE	1.3	1.1	.8	.4	.1	.3						4.1	7.6
NE	1.1	1.4	.6	.3	.1							3.6	5.9
ENE	.1	1.7	1.4	1.0	.2	.2						4.7	9.7
E	.8	1.8	1.2	.6		.3						4.7	8.0
ESE	.3	.6	.3	.2								1.4	6.3
SE	.1	1.1	.2	.1								1.5	5.7
SSE	.9	.4	.7	.1	.1							2.1	6.7
S	.6	.4	.3	.9	.4							2.7	10.1
SSW	.8	.9	1.3	1.2	.2							4.5	8.8
SW	.3	2.1	.8	.8	.3							4.8	7.5
WSW	1.0	1.9	2.0	.2								5.1	6.0
W	1.4	3.6	2.6	.1								7.7	5.6
WNW	1.8	2.3	1.7	1.9	.2	.1						8.0	7.7
NW	1.0	3.7	4.2	1.3	.3	.2						10.8	7.9
NNW	.9	1.8	3.5	1.4	.4							8.0	8.5
VARBL													
CALM												20.4	
	13.7	27.5	22.9	11.3	2.7	1.6						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 897

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 49-57 (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	.9	2.0	1.6	.8	.1	.1	.0					5.4	7.5
NNE	.5	1.1	1.2	.6	.2	.1	.0					3.7	8.3
NE	.6	1.5	.9	.5	.1	.0						3.7	7.0
ENE	.5	1.6	1.4	.6	.2	.1						4.6	8.4
E	.8	1.8	1.4	.7	.2	.1	.1	.0				5.1	7.9
ESE	.4	.8	.6	.2	.0	.0		.0				2.1	7.1
SE	.4	.8	.5	.3	.0							2.0	6.5
SSE	.3	.7	.6	.5	.3	.0						2.3	9.2
S	.5	.9	1.2	1.3	.6	.1	.0					4.6	10.2
SSW	.7	1.1	1.6	1.3	.3	.1						5.1	9.1
SW	.6	2.0	1.4	.8	.2	.0						4.9	7.5
WSW	.9	1.9	1.5	.6	.2							5.2	7.0
W	1.3	3.1	1.7	.6	.1	.0						6.9	6.4
WNW	1.1	2.7	2.5	2.5	1.0	.2	.0					9.9	9.5
NW	1.4	2.4	3.3	2.6	.6	.2						10.5	9.0
NNW	.7	2.0	2.7	2.1	.9	.1						8.6	9.7
VARBL													
CALM												15.4	
	11.6	26.4	24.2	16.2	4.9	1.1	.1	.1				100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 7195

USAFETAC FORM JUL 66 0 8 5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 47-56 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 0000-2200 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	2.1	2.0	.9	.1							5.8	7.4
NNE	.6	.9	1.4	.8	.1							3.9	6.5
NE	1.0	1.7	1.7	1.1	.1							5.5	7.6
ENE	.3	1.9	.7	.7								3.5	6.6
E	1.1	1.2	1.1	.4	.1							4.0	6.7
ESE	.6	.2	.1	.1								1.0	4.9
SE	.3	.9	.2									1.4	4.7
SSE	.1	.3	.6	.2								1.2	6.1
S		.7	.2		.3							1.2	9.5
SSW	.4	.3	.6	.2	.2							1.8	8.5
SW	1.0	2.0	1.1	.6	.2							4.9	6.7
WSW	1.8	3.3	1.4	.7	.2							7.4	6.1
W	2.9	3.8	2.0									8.6	4.9
WNW	1.9	3.6	4.1	.9	.1							10.6	6.8
NW	1.1	2.3	2.5	2.1	.8	.3						9.2	9.5
NNW	.1	2.5	3.1	1.4	.4							7.6	8.8
VARBL													
CALM												22.5	
	13.9	27.7	22.7	10.0	2.6	.3						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 926

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 47-56 (YEARS) (MONTH)

ALL WEATHER (CLASS) (HOURS LST)

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.7	1.2	.7	.1							4.[illegible]	6.9
NNE	.8	1.7	1.1	.4	.2							4.[illegible]	7.1
NE	.8	1.2	1.7	.8								4.5	7.5
ENE	.7	1.4	2.2	.3								4.[illegible]	6.9
E	1.2	1.4	.8	.3	.3							4.1	6.8
ESE	.6	.4	.2	.1								1.3	5.7
SE	.3	.6	.1									1.4	4.2
SSE	.4	.3	.4									1.2	[illegible].1
S	.3	.7	.4	.1								1.[illegible]	5.9
SSW	.2	1.[illegible]	.6	.4	.1							2.3	7.5
SW	1.4	2.1	.7	.7	.1							5.[illegible]	6.2
WSW	1.7	3.5	1.5	.7	.1							7.5	6.1
W	1.2	4.5	2.8									8.5	5.7
WNW	1.4	3.[illegible]	2.8	1.2	.1							8.5	6.9
NW	2.4	2.2	2.9	2.9	.2	.2						1[illegible].6	8.2
NNW	1.1	1.9	2.4	1.8	.3							7.5	8.5
VARBL													
CALM												22.1	
	16.2	27.6	21.7	10.5	1.7	.2						100.[illegible]	5.4

TOTAL NUMBER OF OBSERVATIONS 976

USAFETAC FORM JUL 64 0 8 5 OLA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
724157	PHILLIPS/ABERDEEN MD	47-56	DEC

CLASS: ALL WEATHER

HOURS (LST): 0600-0800

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.5	1.3	.7								4.4	6.5
NNE	1.2	.3	1.0	.6	.1	.1						3.3	7.3
NE	.3	1.2	.6	1.2	.1							3.4	6.5
ENE	.3	1.2	3.5	1.0	.1							6.3	6.4
E	1.0	1.2	.8	.4	.1							3.5	6.7
ESE	.1	.3	.1	.1								.7	7.2
SE	.1	.1		.3								.6	9.0
SSE	.5	.1	.1	.1	.3							1.1	7.4
S	.1	.5	1.0									1.7	6.5
SSW	.3	1.0	.8	.6								2.5	7.4
SW	1.8	1.7	1.0	.3								4.7	5.6
WSW	1.2	2.3	2.1	.3	.1							6.3	6.3
W	2.6	3.8	1.7	.2	.1							8.4	5.3
WNW	1.0	3.1	4.0	.8	.1							9.8	6.8
NW	.5	2.5	3.0	3.2	1.0	.1						10.6	9.9
NNW	.3	2.0	3.5	2.3								8.3	6.5
VARBL													
CALM												24.3	
	15.6	23.4	24.4	12.1	2.0	.2						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 906

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724157	PHILLIPS/ABERDEEN MD	47-56	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER — CLASS

0900-1100 — HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.4	1.9	1.9	1.0	.1						5.5	12.2
NNE	.3	1.0	1.1	.8								3.2	7.9
NE	.4	.6	1.3	1.0	.8							4.1	10.1
ENE	.4	1.9	3.4	1.3	.3							7.3	8.6
E	.6	1.8	1.8	.8	.2							5.1	7.5
ESE		.3	.2									.5	7.0
SE		.4		.1								.5	6.8
SSE	.2	.4	.6	.3								1.5	8.0
S	.2	.4	1.3	.6								2.5	8.1
SSW	.3	.6	2.0	1.0	.2							4.1	9.2
SW	1.1	2.3	2.9	1.3	.1							7.7	7.4
WSW	1.1	2.6	2.4	1.1								7.3	7.3
W	.9	1.0	1.9	.2	.2							4.2	7.6
WNW	.5	1.5	2.8	2.8	1.5	.1						9.5	10.9
NW	.8	1.3	3.5	4.0	2.0	.4						12.0	11.6
NNW	.3	.4	3.2	4.5	2.2	.1						10.6	12.6
VARBL													
CALM												14.0	
	7.7	17.0	30.2	21.6	8.6	.8						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 906

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 47-56 (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		.8	2.0	1.1	.4	.2						4.5	10.8
NNE	.1	.4	1.7	.9	.2							3.3	10.2
NE	.3	.6	1.4	.7	.2							3.2	9.3
ENE	.8	1.3	2.1	.9	.3							5.4	8.0
E	1.0	.8	1.5	.3	.1							3.8	7.0
ESE	.3	.7	.9		.2							2.1	7.5
SE	.2	.4	.4									1.1	5.9
SSE	.4	.6	.4									1.4	5.4
S	.4	1.0	1.4	.6	.2							3.6	8.5
SSW	.4	1.0	3.6	2.5	.8	.1						8.5	10.5
SW	.6	1.8	4.0	2.2	.2	.1						8.8	9.0
WSW	.6	1.3	1.2	.9								4.0	7.7
W	.3	1.0	1.7	.6	.2	.1						4.3	7.7
WNW	.1	1.2	2.5	4.2	2.4	.4	.1					11.0	13.1
NW	.6	1.0	3.9	5.6	1.7	.8						13.5	12.5
NNW	.7	.9	3.4	6.2	2.2	.8						14.1	12.9
VARBL													
CALM												7.3	
	7.3	14.7	32.2	26.6	9.3	2.5	.1					100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 926

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724.57 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 47-56 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 1500-1700 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.2	2.4	1.0	.3							6.4	8.4
NNE	.2	.3	1.2	.9	.2							2.9	9.9
NE	.6	.7	.8	.2	.3							2.5	8.1
ENE	.2	1.2	1.9	1.0	.2							4.5	8.7
E	1.0	1.1	1.5	.2								3.9	6.2
ESE	.2	.6	.8		.1	.2						2.0	9.2
SE	.5	.3										1.1	3.4
SSE	.4	.9	1.0	.1								2.3	9.5
S	.7	1.7	1.2	.6	.1							4.2	7.2
SSW	.7	2.1	2.5	1.5	.7							7.5	9.0
SW	1.5	1.9	2.4	1.0	.2							7.1	7.1
WSW	.9	1.9	.3			.1						3.1	5.2
W	1.9	1.7	.8	.2	.1							4.6	5.1
WNW	.2	1.4	3.6	2.8	1.0	.2						9.3	10.7
NW	1.4	2.9	5.1	5.7	1.2	.1						16.4	10.2
NNW	.3	1.7	2.6	3.4	1.2	.1	.2					9.6	11.4
VARBL													
CALM												12.6	
	11.5	22.3	28.3	18.7	5.7	.8	.2					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 906

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 47-56 (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	1.1	1.1	1.3	.1							4.2	5.8
NNE	.6	.7	.7	.6	.2							2.6	8.3
NE	.4	2.0	1.2	1.0	.3							5.0	8.2
ENE	.4	.6	2.2	.8	.1							4.1	5.4
E	.8	1.5	1.2	.6								4.1	6.6
ESE	.3	.2	.6	.2		.1						1.4	5.0
SE	.2	.4	.2									.8	4.8
SSE	.7	.4	.8	.4								2.3	6.7
S	1.0	1.4	.6	.3	.1							3.4	5.9
SSW	1.1	1.3	.4	.1	.4	.1						3.5	7.2
SW	.8	2.2	1.1	1.2								5.3	7.4
WSW	1.0	1.1	.7	.1	.1	.2						3.2	6.9
W	1.4	3.5	2.0	.1								7.1	5.4
WNW	1.3	2.4	3.4	1.2								8.4	7.3
NW	1.7	2.3	5.5	3.6	.8	.3						14.2	9.4
NNW	.3	2.9	2.1	2.2	.3	.1						7.9	9.3
VARBL													
CALM												22.3	
	12.6	24.2	23.7	13.8	2.5	.9						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 906

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

74057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 47-56 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	2.3	1.1	.8	.3							5.3	7.4
NNE	.3	1.1	1.4	.7	.3							3.9	8.6
NE	.4	1.4	1.1	.8	.1							3.9	7.7
ENE	.7	1.3	1.7	1.1		.1						4.9	8.0
E	1.0	1.7	1.3	.4								4.4	6.3
ESE	.2	.6	.6	.1	.1	.1						1.7	8.7
SE	.6	.6	.2									1.3	4.4
SSE	.1	.2	.6		.1							1.0	8.0
S	.2	.2	.3	.1	.7	.1						1.7	12.0
SSW	.6	.4	.2		.2	.4						1.9	10.4
SW	1.1	1.8	1.7	.3	.1							5.0	6.5
WSW	1.1	1.3	1.3	.2	.3							4.3	7.1
W	1.9	4.0	2.0									7.8	5.3
WNW	1.2	2.4	3.6	1.4	.2							8.9	7.8
NW	2.0	3.4	2.4	3.0	.4	.2						11.5	8.2
NNW	.8	2.1	3.0	1.7	.6	.1						8.2	9.0
VARBL													
CALM												24.5	
	12.9	24.8	22.5	10.6	3.5	1.1						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 906

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 47-56 (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	.6	1.5	1.6	1.0	.3	.0						5.1	8.6
NNE	.5	.9	1.2	.7	.2	.0						3.5	8.4
NE	.5	1.2	1.2	.9	.2							4.0	8.3
ENE	.5	1.3	2.2	.9	.1	.0						5.1	8.0
E	1.0	1.3	1.3	.4	.1							4.1	6.8
ESE	.3	.4	.4	.1	.1	.1						1.3	7.7
SE	.4	.5	.2	.1								1.2	5.0
SSE	.4	.4	.6	.2	.0							1.5	6.8
S	.4	.8	.8	.3	.2	.0						2.5	7.7
SSW	.5	1.0	1.3	.8	.3	.1						4.0	9.1
SW	1.2	2.0	1.8	1.0	.1	.0						6.1	7.2
WSW	1.1	2.2	1.4	.5	.1	.0						5.3	6.6
W	1.7	2.9	1.8	.2	.1	.0						6.7	5.7
WNW	1.1	2.3	3.4	1.9	.7	.1	.0					9.5	8.9
NW	1.3	2.2	3.6	3.8	1.0	.3						12.3	10.0
NNW	.5	1.8	2.9	2.9	.9	.2	.0					9.3	10.5
VARBL													
CALM												13.7	
	12.0	22.7	25.7	15.5	4.5	.9	.0					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 7248

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 47-57 (YEARS) ALL (MONTH)

ALL WEATHER (CLASS) ALL (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.9	2.0	.9	.3	.1	.0					6.1	7.7
NNE	.6	1.4	1.6	.8	.1	.0	.0					4.5	7.7
NE	.7	1.4	1.6	.7	.1	.0	.0					4.6	7.5
ENE	.6	1.4	2.0	1.4	.3	.1	.0					5.7	8.8
E	.8	1.4	1.5	.8	.1	.0	.0	.0				4.6	7.7
ESE	.4	.8	.8	.4	.1	.0	.0	.0	.0			2.4	7.8
SE	.5	.8	.7	.2	.0	.0	.0	.0				2.2	6.5
SSE	.5	.9	.9	.3	.1	.0		.0				2.7	7.1
S	.7	1.2	1.6	.9	.2	.0	.0					4.7	8.2
SSW	.9	1.5	2.2	1.6	.5	.1	.0	.0				6.7	9.2
SW	1.1	2.0	2.0	.9	.1	.0						[illegible].2	7.2
WSW	1.1	1.8	1.1	.4	.1	.0	.0					4.5	6.3
W	1.3	1.9	1.1	.3	.1	.0	.0					4.7	6.0
WNW	.9	1.8	1.9	1.4	.6	.2	.0	.0				6.8	9.1
NW	1.1	2.1	2.5	2.0	.7	.2	.0	.0				8.7	9.3
NNW	.8	1.9	2.6	2.1	.7	.2	.0					8.4	9.6
VARBL													
CALM												16.8	
	12.8	24.2	25.9	15.1	4.1	.9	.1	.0	.0			100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 87257

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 47-57 (YEARS) ALL (MONTH)

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

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

AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.6	1.4	.7	.2	.1	.0					5.1	7.4
NNE	1.0	1.7	2.0	1.4	.3	.1	.0					6.5	8.4
NE	1.2	2.5	3.4	2.2	.5	.1	.1					10.0	8.9
ENE	1.0	2.6	5.4	4.7	1.1	.4	.0					15.2	1[illegible].2
E	1.3	2.2	3.7	2.5	.7	.2	.1	.0				10.7	9.3
ESE	.4	1.0	1.2	.8	.3	.1	.0	.0	.0			3.9	9.7
SE	.7	.8	.6	.3	.0	.0	.0	.0				2.5	6.6
SSE	.6	.9	.7	.3	.2	.1						2.7	7.5
S	.5	.8	1.0	.6	.3	.1	.0					3.3	8.9
SSW	.6	1.1	1.4	.9	.5	.2						4.5	9.5
SW	.9	1.4	1.3	.7	.2	.0						4.5	7.2
WSW	.9	1.2	.6	.2	.0							2.3	5.4
W	.8	1.0	.3	.0	.0	.0						2.3	4.9
WNW	.5	.6	.3	.2	.1	.0						1.6	6.7
NW	.6	.8	.6	.3	.1							2.4	6.9
NNW	.6	.9	.9	.5	.3	.0	.0					3.3	8.5
VARBL													
CALM												18.5	
	12.5	21.4	24.7	16.3	4.7	1.5	.2	.0	.0			100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 10309

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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

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

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

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

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

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968. For most Airways stations, visibilities of greater than 7 miles were not reported for part of the period of record. Therefore, the ≥10 mi visibility category should be used with great caution.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 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%.

ADDITIONAL EXAMPLES

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
USFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724157 PHILLIPS/ABERDEEN MD 48-57 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0				
≥20000	30.1	41.0	41.5	42.3	42.9	43.	43.2	43.3	43.5	43.6	43.6	43.6	43.9	43.9	43.9	44.4	
	32.4	44.5	45.3	46.1	46.6	46.6	47.1	47.2	47.4	47.5	47.5	47.5	47.7	47.7	47.7	48.3	
≥15000	32.5	44.6	45.4	46.2	46.7	47.0	47.2	47.3	47.5	47.6	47.6	47.6	47.8	47.8	47.8	48.4	
≥10000	32.7	45.1	45.7	46.5	47.1	47.3	47.5	47.6	47.8	48.0	48.0	48.0	48.2	48.2	48.2	48.7	
≥7000	33.3	47.4	48.2	48.9	49.5	49.7	49.9	50.1	50.3	50.4	50.4	50.4	50.6	50.6	50.6	51.2	
≥5000	35.2	49.8	50.6	51.5	52.0	52.3	52.5	52.6	52.8	52.9	52.9	52.9	53.2	53.2	53.2	53.7	
≥4000	37.0	53.4	54.2	55.0	55.6	55.8	56.0	56.1	56.4	56.5	56.5	56.5	56.8	56.8	56.8	57.4	
≥3000	37.7	54.6	55.7	56.6	57.4	57.6	57.8	57.9	58.1	58.4	58.5	58.5	58.8	58.8	58.8	59.4	
≥2500	39.0	57.0	58.0	58.9	59.7	59.9	60.1	60.2	60.5	60.7	61.1	61.1	61.7	61.8	61.8	62.5	
≥2000	39.4	58.8	59.8	60.7	61.5	61.7	61.9	62.0	62.2	62.5	62.9	62.9	63.5	63.6	63.6	64.2	
≥1500	40.8	61.7	63.2	64.2	65.1	65.4	65.7	65.8	66.0	66.2	66.7	66.7	67.2	67.3	67.3	68.0	
≥1000	41.3	63.7	65.4	66.4	67.3	67.7	67.9	68.0	68.2	68.4	68.9	68.9	69.4	69.5	69.5	70.2	
≥700	42.4	65.0	67.1	68.2	69.1	69.4	69.7	69.8	70.0	70.2	70.7	70.7	71.2	71.3	71.3	72.0	
≥500	42.8	66.7	68.8	70.2	71.2	71.5	71.8	71.9	72.1	72.3	72.8	72.8	73.3	73.4	73.4	74.1	
≥400	43.3	67.9	70.0	71.7	72.6	73.2	73.4	73.5	73.8	74.0	74.4	74.4	75.0	75.1	75.1	75.7	
≥300	44.1	69.8	72.2	73.6	74.8	75.4	75.6	75.7	76.0	76.2	76.6	76.6	77.2	77.3	77.3	78.0	
≥200	44.4	71.2	73.6	75.3	76.4	77.1	77.4	77.5	77.7	78.0	78.4	78.4	79.0	79.1	79.1	79.7	
≥150	45.1	72.6	75.1	77.0	78.1	78.7	79.6	79.7	80.1	80.3	80.7	80.7	81.3	81.4	81.4	82.1	
≥100	45.1	73.4	75.9	78.0	79.1	79.8	80.8	81.0	81.3	81.5	81.9	81.9	82.5	82.6	82.6	83.3	
≥70	45.1	74.2	76.9	79.3	80.4	81.2	82.4	82.6	82.9	83.3	83.7	83.7	84.4	84.5	84.5	85.2	
≥50	45.1	75.7	78.6	81.3	82.5	83.4	84.7	85.0	85.4	85.7	86.2	86.2	86.8	86.9	86.9	87.6	
≥40	45.2	76.4	78.8	81.7	82.9	83.8	85.4	85.7	86.0	86.6	87.0	87.0	87.7	87.8	87.8	88.5	
≥30	45.2	76.2	79.1	81.9	83.2	84.1	85.7	86.0	86.4	87.0	87.6	87.6	88.3	88.4	88.4	89.0	
≥20	45.2	76.5	79.4	82.7	83.9	84.6	86.8	87.3	87.6	88.4	89.0	89.0	89.7	89.8	89.9	90.6	
≥15	45.2	76.6	79.5	82.8	84.4	85.4	87.4	87.9	88.3	89.1	90.0	90.0	90.7	90.8	90.9	91.6	
≥10	45.2	76.7	79.6	82.9	84.7	85.7	87.7	88.5	88.8	90.0	91.1	91.1	91.8	91.9	92.0	92.7	
≥7	45.2	76.7	79.6	83.2	84.9	85.9	87.9	88.8	89.1	91.9	92.0	92.0	92.8	93.0	93.1	93.8	
≥5	45.2	76.7	79.6	83.2	84.9	86.0	88.2	89.0	89.6	91.6	92.7	92.7	93.5	93.7	93.8	94.5	
≥4	45.2	76.7	79.6	83.2	85.0	86.3	88.4	89.5	90.1	92.4	93.5	93.6	94.4	94.8	94.9	95.6	
≥3	45.2	76.7	79.6	83.2	85.0	86.4	88.6	89.7	90.4	93.0	94.6	94.7	95.5	95.9	96.1	97.1	
≥2	45.2	76.7	79.6	83.2	85.0	86.4	88.6	89.7	90.4	93.0	94.8	94.9	95.8	96.2	96.6	98.0	
≥1	45.2	76.7	79.6	83.2	85.0	86.4	88.6	89.7	90.4	93.0	94.8	94.9	95.8	96.2	96.6	100.0	

TOTAL NUMBER OF OBSERVATIONS 903

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74257 PHILLIPS/ABERDEEN MD 49-57 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
20000	27.4	38.2	39.6	39.6	39.9	40.0	40.1	40.1	40.1	40.2	40.2	40.2	40.2	40.2	40.3	40.5
15000	29.3	41.1	41.7	43.1	43.3	43.4	43.5	43.5	43.6	43.6	43.6	43.6	43.6	43.6	47.7	44.3
10000	29.5	41.1	41.9	43.2	43.4	43.5	43.6	43.6	43.6	43.7	43.7	43.7	43.7	43.7	43.9	44.4
9000	29.8	41.5	42.3	43.6	44.0	44.0	44.2	44.2	44.2	44.4	44.4	44.4	44.5	44.5	44.5	45.2
8000	30.5	43.3	44.2	45.5	45.7	45.8	46.1	46.1	46.1	46.3	46.3	46.3	46.4	46.4	46.5	47.0
7000	32.1	46.5	47.5	48.6	49.1	49.2	49.4	49.4	49.4	49.6	49.6	49.6	49.8	49.8	51.1	52.6
6000	33.7	48.7	49.8	51.2	51.6	51.7	51.9	51.9	51.9	52.2	52.2	52.4	52.7	52.7	52.9	53.7
5000	34.4	50.1	51.4	52.7	53.2	53.3	53.5	53.5	53.5	53.7	53.7	53.9	54.3	54.3	54.5	55.3
4500	35.2	51.5	53.2	54.5	54.9	55.0	55.3	55.3	55.3	55.5	55.5	55.7	56.0	56.0	56.2	57.0
4000	35.7	53.0	54.7	56.0	56.5	56.6	56.8	56.8	56.8	57.1	57.1	57.4	57.7	57.7	57.8	58.7
3500	36.8	56.9	59.5	61.6	61.7	61.8	62.1	62.1	62.1	62.5	62.5	62.7	63.0	63.0	63.2	64.0
3000	37.8	59.5	62.3	63.8	64.7	65.0	65.4	65.4	65.4	65.8	65.8	66.0	66.3	66.3	66.6	67.0
2500	38.0	61.5	64.9	66.4	67.3	67.7	68.1	68.1	68.1	68.4	68.4	69.7	69.7	69.7	70.2	70.5
2000	39.1	63.0	66.9	68.4	69.3	69.7	70.2	70.3	70.2	70.7	70.7	70.9	71.2	71.2	71.4	72.0
1800	39.6	64.5	68.4	70.1	71.1	71.4	72.1	72.2	72.2	72.6	72.6	72.9	73.2	73.2	73.4	74.2
1500	40.5	66.7	70.7	72.6	73.6	74.0	74.9	75.0	75.0	75.5	75.5	75.7	76.1	76.1	76.3	77.1
1200	40.6	67.6	71.7	73.9	74.9	75.2	76.3	76.4	76.4	77.0	77.0	77.2	77.5	77.5	77.7	78.5
1000	41.0	69.0	73.1	75.7	76.7	77.1	78.3	78.4	78.4	79.0	79.0	79.2	79.6	79.6	79.8	80.6
900	41.0	69.3	73.6	76.3	77.3	77.6	78.8	79.0	79.0	79.5	79.5	79.7	80.2	80.2	80.4	81.2
800	41.0	70.5	74.9	77.5	78.5	79.0	80.4	80.6	80.7	81.5	81.5	81.7	82.2	82.2	82.4	83.2
700	41.0	71.1	75.4	78.3	79.4	79.8	81.5	81.6	81.9	82.7	83.1	83.3	83.7	83.7	83.9	84.7
600	41.0	71.3	75.7	78.8	80.1	80.5	82.5	83.1	83.2	83.9	84.3	84.5	84.9	84.9	85.2	85.9
500	41.0	71.8	76.2	79.3	80.5	81.0	82.9	83.5	83.6	84.7	85.2	85.4	85.8	85.8	86.0	86.8
400	41.0	71.9	76.3	79.8	81.1	81.6	84.1	85.0	85.2	86.3	87.2	87.4	87.8	87.8	88.0	88.8
300	41.0	72.3	76.7	80.3	81.5	82.1	84.6	85.7	85.8	87.0	87.9	88.2	88.6	88.6	88.8	89.6
200	41.0	72.3	76.9	80.6	81.8	82.4	84.9	86.3	86.4	87.9	88.9	89.1	89.8	89.8	90.0	90.8
100	41.0	72.5	77.2	81.1	82.6	83.2	85.7	87.4	87.5	89.1	90.1	90.4	91.1	91.1	91.4	92.1
0	41.0	72.5	77.2	81.1	82.6	83.2	86.2	87.8	87.9	89.6	90.7	90.9	91.7	91.8	92.0	92.6
	41.0	72.5	77.2	81.1	82.7	83.3	86.3	87.9	88.0	89.8	91.3	91.5	92.7	92.9	93.1	93.9
	41.0	72.5	77.2	81.1	82.8	83.6	86.6	88.3	88.4	90.5	91.9	92.1	93.7	93.9	94.4	95.5
	41.0	72.5	77.2	81.1	82.8	83.6	86.6	88.3	88.4	90.8	92.2	92.5	94.0	94.2	94.7	96.7
	41.0	72.5	77.2	81.1	82.8	83.6	86.6	88.3	88.4	90.8	92.2	92.5	94.0	94.4	94.91	96.0

TOTAL NUMBER OF OBSERVATIONS 927

CLINICAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724157 PHILLIPS/ABERDEEN, MD 46-57 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

650-0800

VISIBILITY STATUTE MILES

	30	26	24	22	20	18	16	14	12	10	8	7	6	5	4	3
	24.[illegible]	32.7	33.1	34.4	35.6	35.6	36.1	36.5	36.5	36.7	36.9	36.9	37.1	37.1	37.1	37.8
	24.7	35.6	36.1	37.8	39.1	39.1	39.7	40.0	40.0	40.2	40.4	40.4	40.7	41.0	40.9	41.6
	26.7	35.6	36.3	38.0	39.4	39.4	40.0	40.4	40.4	40.6	40.7	40.7	41.0	41.1	41.1	41.9
	27.1	35.3	36.9	38.7	40.0	40.0	40.7	41.0	41.0	41.2	41.4	41.4	41.7	41.8	41.8	42.6
	27.8	37.3	38.1	40.0	41.4	41.4	42.1	42.5	42.5	42.7	42.8	42.8	43.1	43.2	43.2	44.0
	29.5	40.5	41.5	43.6	44.9	44.9	45.8	46.1	46.1	46.3	46.5	46.5	46.8	46.9	46.9	47.7
	31.7	42.5	43.7	46.3	48.3	48.3	49.2	49.7	49.7	49.9	50.0	50.1	50.6	50.7	50.7	51.4
	31.4	43.4	45.2	47.9	50.0	50.1	51.0	51.6	51.6	51.9	52.0	52.1	52.5	52.7	52.7	53.4
	32.0	45.2	46.9	49.7	52.0	52.0	53.1	53.7	53.7	54.0	54.1	54.2	54.7	54.8	54.9	55.5
	32.9	47.2	49.2	52.1	54.7	54.8	55.9	55.4	56.4	56.6	56.9	57.0	57.4	57.5	57.5	58.
	34.0	50.7	52.9	56.3	59.1	59.2	61.3	61.[illegible]	61.[illegible]	61.3	61.4	61.5	62.0	62.1	62.1	63.
	35.1	53.5	56.3	59.9	62.6	62.9	64.1	64.7	64.7	65.1	65.2	65.4	65.9	66.1	66.1	67.[illegible]
	35.3	55.2	57.9	61.6	64.5	64.9	66.3	67.0	67.0	67.3	67.4	67.7	68.2	68.4	68.4	69.3
	37.3	57.2	62.3	64.2	67.3	67.6	69.2	69.6	69.8	70.3	70.4	70.7	71.2	71.4	71.4	72.3
	38.0	58.9	62.1	66.2	69.4	69.8	71.4	72.1	72.1	72.5	72.6	72.9	73.4	73.6	73.6	74.5
	38.1	60.6	64.1	68.3	71.7	72.3	73.8	74.6	74.6	75.1	75.2	75.5	75.9	76.2	76.2	77.1
	38.5	62.3	65.9	70.3	73.8	74.4	76.3	77.1	77.1	77.6	77.7	78.0	78.5	78.7	78.7	79.6
	39.0	63.5	67.2	72.6	75.6	76.2	78.4	79.4	79.4	80.0	80.2	80.5	81.3	81.5	81.5	82.4
	39.1	63.6	67.4	70.3	76.2	77.1	79.3	80.3	80.3	81.0	81.3	81.6	82.4	82.6	82.6	83.5
	39.1	63.7	67.6	72.6	76.7	77.6	80.0	81.2	81.2	82.2	82.4	82.6	83.6	83.8	83.8	84.7
	39.0	64.2	68.2	73.3	77.6	78.5	8[illegible].9	82.2	82.2	83.1	83.6	84.[illegible]	84.8	85.0	85.0	85.9
	39.1	64.5	68.5	73.6	7[illegible].2	79.0	81.6	83.0	83.0	84.1	84.6	85.[illegible]	85.9	86.1	86.3	87.1
	39.1	64.6	68.7	73.8	79.4	79.3	81.9	83.7	83.7	84.9	85.4	85.8	86.7	86.9	87.0	87.9
	39.1	65.0	69.3	74.4	79.9	79.8	82.4	84.3	84.3	85.5	85.9	86.4	87.3	87.5	87.6	88.5
	39.1	65.1	69.4	74.5	79.0	79.9	82.7	84.6	84.6	85.8	86.3	86.7	87.6	87.8	87.9	88.9
	39.1	65.1	69.4	74.6	79.4	80.4	83.5	85.5	85.5	86.9	87.3	87.7	88.7	88.9	89.0	90.0
	39.1	65.1	69.4	74.8	8[illegible].2	81.3	84.5	86.5	86.5	88.2	88.8	89.2	90.2	90.5	90.7	91.8
	39.1	65.1	69.4	74.8	80.3	81.4	85.0	87.4	87.4	89.7	90.6	91.0	92.1	92.5	92.7	93.9
	39.1	65.2	69.5	74.9	80.4	81.6	85.3	87.7	87.7	90.0	91.1	91.6	92.7	93.0	93.2	94.5
	39.1	65.2	69.5	74.9	80.4	81.6	85.3	87.7	87.7	90.4	91.6	92.0	93.3	93.7	94.0	95.7
	39.1	65.2	69.5	74.9	80.4	81.6	85.3	87.7	87.7	90.5	91.7	92.1	93.6	93.9	94.[illegible]	96.6
	39.1	65.2	69.5	74.9	80.4	81.6	85.3	87.7	87.7	90.5	91.7	92.1	93.7	94.0	94.3	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724 57 PHILLIPS/ABERDEEN MD 48-57 JAN
STATION STATION NAME YEARS MO

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

-24-1100

VISIBILITY (STATUTE MILES)

CEILING (FEET)	≥10	6	5	4	3	2½	2	1½	1	¾	½	¼	0
[illegible]	22.5	26.6	29.6	31.5	31.7	31.9	32.4	32.9	32.9	33.0	33.0	33.0	33.1	33.1
[illegible]	29.5	32.5	37.8	39.0	40.6	40.9	41.5	42.0	42.0	42.2	42.4	42.4	42.4	42.5	42.5
[illegible]	29.4	36.9	38.4	39.6	41.1	41.5	42.0	42.6	42.6	42.6	42.9	42.9	42.9	43.0	43.0
[illegible]	29.6	37.4	38.9	40.0	41.6	41.9	42.5	43.0	43.0	43.2	43.3	43.3	43.3	43.3	43.5	43.5
[illegible]	3[illegible].9	39.0	40.6	41.8	43.3	43.7	44.3	44.9	44.9	45.1	45.2	45.2	45.2	45.2	45.3	45.3
[illegible]	33.4	42.2	43.9	45.2	46.9	47.3	48.0	48.6	48.6	49.0	49.1	49.1	49.1	49.1	49.2	49.2
[illegible]	3[illegible].3	46.[illegible]	48.4	49.9	51.8	52.2	53.0	53.5	53.5	54.1	54.2	54.2	54.2	54.2	54.3	54.3
[illegible]	35.9	47.5	49.4	51.1	53.0	53.5	54.4	55.0	55.0	55.7	55.8	55.8	55.8	55.9	55.9	55.9
[illegible]	37.6	50.1	52.5	54.4	56.8	57.3	58.3	58.9	58.9	59.5	59.6	59.6	59.6	59.6	59.8	59.8
[illegible]	3[illegible].1	[illegible]1.7	54.3	56.4	58.8	59.3	60.3	60.9	60.9	61.5	61.6	61.8	61.8	61.8	61.9	61.9
[illegible]	3[illegible].4	54.2	57.[illegible]	59.2	61.8	62.3	63.4	64.1	64.1	64.9	65.0	65.1	65.1	65.1	65.2	65.2
[illegible]	3[illegible].[illegible]	55.2	59.3	61.[illegible]	63.6	64.4	65.7	66.4	66.4	67.2	67.3	67.4	67.4	67.4	67.5	67.5
[illegible]	40.[illegible]	57.1	60.3	63.0	65.7	66.5	68.0	68.7	68.7	69.5	69.6	69.7	69.7	69.7	69.8	69.8
[illegible]	42.[illegible]	59.6	63.1	65.9	69.1	69.8	71.5	72.4	72.4	73.2	73.3	73.4	73.4	73.4	73.5	73.5
[illegible]	43.0	62.1	65.4	68.5	71.8	72.6	74.4	75.3	75.3	76.1	76.2	76.3	76.3	76.3	76.4	76.4
[illegible]	44.7	63.[illegible]	67.5	70.7	75.1	75.8	77.6	78.5	78.6	79.4	79.5	79.6	79.6	79.6	79.7	79.7
4[illegible]	[illegible]	65.2	69.9	72.2	76.7	77.5	79.4	80.3	80.4	81.3	81.4	81.5	81.5	81.5	81.6	81.6
4[illegible]	[illegible]	66.[illegible]	69.7	73.2	78.3	79.2	81.3	82.2	82.4	83.3	83.4	83.5	83.5	83.5	83.6	83.6
4[illegible]	[illegible]	66.2	70.0	73.4	7[illegible].6	79.6	81.7	82.6	82.8	83.7	83.8	83.9	83.9	83.9	84.0	84.0
4[illegible]	[illegible]	66.6	7[illegible].5	74.3	79.9	81.0	83.4	84.3	84.5	85.4	85.5	85.7	85.8	85.8	85.9	85.9
4[illegible]	[illegible]	67.[illegible]	71.7	75.1	8[illegible].8	81.9	84.5	85.4	85.7	86.6	86.7	86.9	87.0	87.0	87.1	87.1
4[illegible]	[illegible]	67.0	71.4	75.3	81.6	82.8	85.7	86.6	87.1	88.2	88.5	88.7	88.9	88.9	89.2	89.2
4[illegible]	[illegible]	67.1	71.5	75.4	81.8	83.1	86.1	87.1	87.7	88.9	89.1	89.4	89.6	89.6	89.9	89.9
4[illegible]	[illegible]	67.6	72.1	76.1	82.6	84.1	87.4	88.4	88.9	90.2	90.0	90.8	91.0	91.0	91.4	91.4
4[illegible]	[illegible]	67.8	72.4	76.6	83.1	84.9	88.5	89.5	90.1	91.5	91.8	92.0	92.2	92.2	92.6	92.6
4[illegible]	[illegible]	67.8	72.4	76.6	83.1	84.9	88.6	89.7	90.5	92.1	92.7	92.9	93.1	93.1	93.5	93.5
4[illegible]	[illegible]	67.8	72.4	76.6	83.4	85.1	89.1	90.2	91.0	92.9	93.5	93.7	94.0	94.0	94.7	94.7
4[illegible]	[illegible]	67.8	72.4	76.6	83.5	85.3	89.4	90.6	91.4	93.3	94.1	94.3	94.8	94.8	95.6	95.6
4[illegible]	[illegible]	67.8	72.4	76.6	83.5	85.3	89.4	90.6	91.4	93.3	94.5	95.0	95.9	95.9	96.8	96.9
4[illegible]	[illegible]	67.8	72.4	76.6	83.5	85.3	89.4	90.6	91.4	93.3	94.5	95.1	96.1	96.1	97.3	97.8
4[illegible]	[illegible]	67.8	72.4	76.6	83.5	85.3	89.4	90.6	91.4	93.3	94.5	95.1	96.2	96.2	98.0	98.8
4[illegible]	[illegible]	67.8	72.4	76.6	83.5	85.3	89.4	90.6	91.4	93.3	94.5	95.1	96.2	96.2	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 902

[illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72-40-57 PHILLIPS/ABERDEEN, MD 41-57 JAN 1000-1400

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

CEILING (STATUTE MI)	20	21	24													
25.2	31.2	31.7	32.3	32.9	33.2	33.4	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
32.3	41.5	42.1	43.2	43.9	44.3	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
33.2	42.1	42.6	43.9	44.5	45.0	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
33.6	42.9	43.4	44.6	45.3	45.7	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
35.7	45.5	46.1	47.3	48.1	48.5	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
38.8	49.3	49.8	51.2	51.9	52.4	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
40.2	52.5	53.0	54.5	55.4	55.8	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
40.6	53.3	53.8	55.4	56.3	56.7	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
42.4	56.3	57.0	58.7	59.8	60.2	60.6	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
43.9	58.1	58.9	6[illegible].6	61.8	62.2	62.7	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
45.3	61.1	62.1	64.2	65.7	66.1	66.6	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
46.7	62.6	63.8	66.0	67.4	67.9	68.5	68.9	68.9	69.[illegible]	69.0	69.0	69.0	69.0	69.0	69.0	69.0
48.6	64.8	66.0	68.2	69.7	70.1	70.9	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
50.9	68.2	69.9	72.2	73.8	74.2	75.1	75.5	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
51.9	69.7	71.5	73.9	75.4	76.1	77.0	77.4	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
52.6	71.7	73.8	76.4	78.1	78.7	79.6	80.1	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
53.9	74.6	77.0	79.7	81.4	82.2	83.1	83.5	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
54.4	76.0	78.3	81.5	83.4	84.2	85.0	85.5	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
54.4	76.1	78.[illegible]	81.7	83.6	84.4	85.3	85.7	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
54.7	77.4	79.4	82.9	85.3	86.2	87.3	87.8	87.8	88.5	88.6	88.6	88.8	88.8	88.8	88.8	88.8
54.9	77.7	80.4	84.1	86.6	87.5	88.6	89.1	89.1	89.8	89.9	89.9	90.1	90.1	90.1	90.1	90.1
55.3	78.6	81.3	85.0	87.9	88.9	90.1	90.7	90.7	91.5	91.7	91.7	91.9	91.9	91.9	91.9	91.9
55.4	79.0	81.6	85.4	88.3	89.3	90.7	91.7	91.7	92.7	92.9	92.9	93.1	93.1	93.1	93.1	93.1
55.4	79.0	81.7	85.5	88.4	89.4	91.9	92.0	92.2	93.4	93.6	93.6	93.8	93.9	93.8	93.8	93.8
55.4	79.2	82.1	85.8	88.9	90.0	91.8	92.9	93.1	94.2	94.5	94.5	94.7	94.7	94.7	94.7	94.7
55.4	79.2	82.2	85.9	89.1	90.3	92.0	93.2	93.6	94.8	95.0	95.0	95.2	95.2	95.2	95.2	95.2
55.4	79.2	82.2	85.9	89.3	90.4	92.2	93.7	94.0	95.3	95.6	95.6	95.8	95.8	95.9	95.8	95.8
55.4	79.3	82.4	86.2	89.5	90.8	92.9	94.6	95.1	96.7	97.0	97.2	97.5	97.5	97.6	97.6	97.6
55.4	79.3	82.4	86.2	89.5	90.8	92.9	94.6	95.1	96.9	97.5	97.8	98.2	98.2	98.3	98.4	98.4
55.4	79.3	82.4	86.2	89.5	90.8	92.9	94.6	95.1	97.0	97.7	98.0	98.7	98.7	98.9	99.1	99.1
55.4	79.3	82.4	86.2	89.5	90.8	92.9	94.6	95.1	97.0	97.7	98.0	98.7	98.7	98.9	99.8	99.8
55.4	79.3	82.4	86.2	89.5	90.8	92.9	94.6	95.1	97.0	97.7	98.0	98.7	98.7	98.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 203

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7[illegible]7 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEAR) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15-2-1722

VISIBILITY STATUTE MILES

CEILING FEET	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
UNLIMITED	37.6	37.3	38.1	38.9	39.1	39.1	39.1	39.3	39.3	39.3	39.3	39.3	39.3	39.4	39.8	
20000	37.8	46.6	47.5	48.3	48.6	48.6	48.6	48.6	48.8	48.8	48.8	48.8	48.8	48.8	48.9	49.4
15000	39.3	47.3	48.2	48.9	49.3	49.3	49.3	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.6	50.1
10000	38.3	47.6	48.5	49.3	49.8	49.8	49.8	50.1	50.1	50.1	50.1	50.1	50.1	50.2	50.6	
7000	39.8	49.3	50.7	51.5	52.0	52.0	52.0	52.3	52.3	52.3	52.3	52.3	52.3	52.4	52.8	
5000	42.4	53.6	54.6	55.7	56.3	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	57.2	
4000	45.7	57.5	58.6	59.6	60.4	60.4	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.7	61.1	
3000	45.5	58.1	59.2	60.7	61.2	61.2	61.2	61.5	61.5	61.5	61.5	61.5	61.5	61.6	62.2	
2500	47.1	61.9	63.3	64.6	65.4	65.4	65.8	66.2	66.2	66.2	66.3	66.3	66.3	66.4	66.9	
2000	48.2	64.0	65.6	67.1	67.8	67.8	68.1	68.5	68.5	68.5	68.7	68.7	68.7	68.8	69.2	
1500	49.9	66.7	68.2	69.6	70.7	70.7	71.0	71.5	71.5	71.7	71.5	71.8	71.8	71.9	72.3	
1000	49.8	65.5	70.5	72.1	73.0	73.0	73.4	74.0	74.0	74.1	74.2	74.2	74.2	74.3	74.8	
800	50.9	69.9	71.9	73.4	74.5	74.5	75.0	75.5	75.5	75.6	75.7	75.7	75.7	75.9	76.3	
600	52.5	72.8	75.1	76.7	77.9	78.0	78.4	79.0	79.0	79.1	79.2	79.2	79.2	79.3	79.7	
500	53.4	73.9	76.5	78.5	79.6	80.1	80.5	81.1	81.1	81.2	81.3	81.3	81.3	81.4	81.8	
400	53.7	75.0	77.7	80.4	81.6	82.1	82.6	83.2	83.2	83.3	83.4	83.4	83.4	83.5	83.9	
300	54.9	77.0	8 .4	83.2	84.6	85.0	85.6	86.2	86.2	86.3	86.4	86.4	86.4	86.5	86.9	
200	55.0	77.4	80.8	83.8	85.3	85.7	86.4	86.9	86.9	87.0	87.2	87.2	87.2	87.3	87.7	
150	55.0	77.5	81.0	83.9	85.4	85.8	86.5	87.0	87.0	87.2	87.3	87.3	87.3	87.4	87.8	
100	55.1	77.7	81.4	84.4	85.9	86.4	87.2	87.7	87.7	88.0	88.2	88.2	88.5	88.6	89.0	
80	55.1	78.5	82.3	85.3	86.9	87.4	88.6	89.3	89.3	89.7	89.9	89.9	90.3	90.3	90.4	90.9
60	55.1	79.2	83.1	86.2	87.9	88.4	89.9	90.5	90.5	91.1	91.4	91.4	91.7	91.7	91.8	92.4
50	55.4	79.5	83.6	86.8	88.6	89.0	90.6	91.7	91.7	92.5	92.7	92.7	93.0	93.0	93.1	93.7
40	55.4	79.5	83.6	86.6	88.7	89.1	90.8	91.9	91.9	92.8	93.0	93.0	93.6	93.6	93.7	94.2
30	55.4	79.6	83.8	87.0	88.9	89.4	91.1	92.2	92.2	93.2	93.6	93.6	94.2	94.2	94.4	94.9
20	55.4	79.6	83.8	87.2	89.3	89.8	91.6	92.7	93.0	94.0	94.4	94.4	95.0	95.0	95.1	95.7
15	55.4	79.6	83.8	87.2	89.5	90.1	92.0	93.2	93.6	94.7	95.0	95.0	95.8	95.8	95.9	96.5
10	55.4	79.6	83.8	87.2	89.5	90.3	92.2	93.8	94.1	95.7	96.1	96.1	97.0	97.0	97.1	97.7
5	55.4	79.6	83.8	87.2	89.5	90.3	92.4	93.9	94.2	96.3	96.8	96.8	97.7	97.8	97.9	98.6
0	55.4	79.6	83.8	87.2	89.5	90.3	92.4	93.9	94.2	96.6	97.1	97.1	98.0	98.2	98.4	99.1
	55.4	79.6	83.8	87.2	89.5	90.3	92.4	93.9	94.2	96.6	97.1	97.3	98.2	98.4	98.7	99.8
	55.4	79.6	83.8	87.2	89.5	90.3	92.4	93.9	94.2	96.6	97.1	97.3	98.2	98.4	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 503

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724157 PHILLIPS/ABERDEEN MD 46-57 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1600-2000

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥½	≥5/16	≥¼	0
	32.0	43.0	43.5	44.1	44.1	44.2	44.3	44.4	44.4	44.6	44.6	44.6	44.7	44.7	44.9	45.1	
	36.2	48.7	49.5	50.2	50.2	50.3	50.4	50.5	50.5	50.7	50.7	50.7	50.8	50.8	50.9	51.2	
	36.7	49.2	49.9	50.6	50.6	50.7	50.8	50.9	50.9	51.2	51.2	51.2	51.3	51.3	51.4	51.6	
	36.7	49.7	50.5	51.4	51.5	51.6	51.7	51.8	51.8	52.0	52.0	52.0	52.2	52.2	52.3	52.5	
	37.8	51.9	52.7	53.6	53.7	53.8	53.9	54.0	54.0	54.3	54.3	54.3	54.4	54.4	54.5	54.7	
	39.4	54.6	55.7	56.6	56.7	56.8	56.9	57.0	57.0	57.4	57.4	57.4	57.6	57.6	57.7	57.9	
	41.9	58.8	60.0	61.0	61.1	61.2	61.4	61.5	61.5	61.8	61.8	61.8	62.0	62.0	62.1	62.3	
	42.1	59.2	60.5	61.5	61.6	61.7	61.8	62.0	62.0	62.5	62.5	62.5	62.7	62.7	62.8	63.0	
	43.2	62.3	63.7	64.8	64.9	65.0	65.3	65.6	65.6	66.0	66.0	66.0	66.2	66.3	66.4	66.7	
	44.1	64.1	65.7	66.8	66.9	67.0	67.3	67.6	67.6	68.0	68.0	68.0	68.2	68.3	68.4	68.7	
	45.2	66.8	68.5	70.0	70.2	70.3	70.9	71.1	71.1	71.5	71.5	71.5	71.8	71.9	72.0	72.2	
	46.4	69.4	71.4	73.1	73.3	73.4	74.0	74.2	74.2	74.8	74.8	74.8	75.0	75.1	75.2	75.4	
	46.7	71.5	73.5	74.5	74.9	75.1	75.7	76.0	76.0	76.5	76.5	76.5	76.7	76.9	77.1	77.3	
	47.6	72.2	74.4	76.7	77.2	77.4	78.1	78.3	78.3	78.8	78.8	78.8	79.1	79.2	79.4	79.6	
	47.7	73.3	75.6	78.2	78.7	79.0	79.6	79.8	79.8	80.4	80.4	80.4	80.6	80.7	81.0	81.2	
	48.1	75.1	77.4	80.5	81.1	81.3	82.4	82.6	82.6	83.4	83.4	83.4	83.6	83.7	83.9	84.2	
	48.4	77.1	79.5	82.9	83.6	83.8	85.4	85.6	85.6	86.4	86.4	86.4	86.6	86.7	86.9	87.2	
	48.6	78.2	81.1	84.5	85.3	85.5	87.0	87.3	87.3	88.0	88.0	88.0	88.3	88.4	88.6	88.8	
	48.6	78.4	81.4	84.9	85.7	85.9	87.5	87.7	87.7	88.5	88.5	88.5	88.7	88.8	89.0	89.3	
	48.8	78.7	81.7	85.3	86.2	86.4	88.0	88.3	88.3	89.0	89.0	89.0	89.3	89.4	89.6	89.8	
	49.1	79.5	82.6	86.3	87.2	87.5	89.6	89.8	89.8	90.6	90.6	90.6	90.8	90.9	91.1	91.5	
	49.1	79.6	82.8	86.5	87.5	87.8	90.1	90.4	90.4	91.1	91.1	91.1	91.5	91.6	91.8	92.1	
	49.1	79.6	82.8	86.5	87.5	87.8	90.5	90.7	90.7	91.6	91.6	91.6	92.0	92.2	92.6	92.9	
	49.1	79.7	82.9	86.7	87.8	88.2	91.3	91.5	91.5	92.5	92.5	92.5	93.2	93.5	93.8	94.1	
	49.1	79.8	83.1	86.9	88.0	88.4	91.5	91.7	91.7	92.7	92.7	92.7	93.8	94.0	94.5	94.8	
	49.1	79.8	83.1	86.9	88.0	88.4	91.5	91.7	91.9	92.9	92.9	92.9	94.2	94.5	95.2	95.6	
	49.1	79.8	83.1	87.2	88.4	88.7	91.9	92.1	92.4	93.9	93.9	93.9	95.5	95.7	96.5	96.8	
	49.1	79.8	83.1	87.2	88.4	88.7	91.9	92.2	92.5	94.0	94.0	94.0	95.6	95.8	96.7	97.2	
	49.1	79.8	83.1	87.2	88.4	88.7	92.0	92.5	92.7	94.7	94.7	94.7	96.2	96.5	97.3	97.7	
	49.1	79.8	83.1	87.2	88.4	88.7	92.0	92.5	92.7	94.7	94.9	94.9	96.6	96.8	97.8	98.1	
	49.1	79.8	83.1	87.2	88.4	88.7	92.0	92.5	92.7	94.9	95.1	95.1	96.8	97.0	98.0	98.9	
	49.1	79.8	83.1	87.2	88.4	88.7	92.0	92.5	92.7	95.0	95.2	95.2	96.9	97.1	98.1	100.0	

TOTAL NUMBER OF OBSERVATIONS 503

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724057 PHILLIPS/ABERDEEN MC 48-57 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0100-2300

VISIBILITY STATUTE MILES

CEILING FEET	30	26	25	24	23	22	22	2[illegible]	21	21	21	2[illegible]	2[illegible]	2[illegible]	2[illegible]	2[illegible]	2[illegible]
[illegible]	2[illegible].1	41.0	41.5	42.4	42.7	42.9	43.0	43.1	43.1	43.4	43.6	43.6	43.9	43.9	43.9	44.4
[illegible]	33.1	45.4	46.3	47.3	47.6	47.7	47.8	48.0	48.0	48.3	48.5	48.5	48.7	48.7	48.7	49.3
[illegible]	33.4	46.1	47.[illegible]	48.0	48.3	48.4	48.5	48.6	48.6	48.9	49.2	49.2	49.4	49.4	49.4	49.9
[illegible]	33.6	46.8	47.7	48.7	49.2	49.4	49.5	49.6	49.6	49.9	50.2	50.2	50.4	50.4	50.4	50.9
[illegible]	34.3	49.9	49.8	50.8	51.3	[illegible]	51.6	51.7	51.7	52.0	52.3	52.3	52.5	52.5	52.5	53.0
[illegible]	35.5	51.4	52.6	53.6	54.0	[illegible]	[illegible]	54.5	54.5	54.8	55.0	55.0	55.3	55.3	55.3	55.8
[illegible]	38.6	57.3	58.5	59.5	59.9	60.1	60.[illegible]	60.4	60.4	60.7	60.9	60.9	61.1	61.1	61.1	61.7
[illegible]	39.0	57.8	59.1	60.1	60.6	60.8	60.9	61.1	61.1	61.5	61.7	61.7	61.9	61.9	61.9	62.5
[illegible]	39.8	59.9	61.4	62.5	62.9	63.1	63.2	63.5	63.5	63.8	64.0	64.0	64.2	64.6	64.6	65.1
[illegible]	40.3	61.8	63.2	64.3	64.8	65.0	65.1	65.3	65.3	65.7	65.9	65.9	66.1	66.4	66.4	67.0
[illegible]	41.3	64.5	66.1	67.4	67.9	68.1	68.2	68.4	68.4	68.8	69.0	69.0	69.2	69.5	69.7	70.2
[illegible]	42.9	67.4	69.3	70.8	71.3	71.5	72.0	72.2	72.2	72.5	72.8	72.8	73.0	73.3	73.4	74.0
[illegible]	43.2	68.3	70.3	71.8	72.3	72.5	73.0	73.2	73.2	73.5	73.8	73.8	74.0	74.3	74.5	75.1
[illegible]	43.7	69.7	71.9	73.5	74.2	74.4	74.9	75.1	75.1	75.4	75.6	75.6	75.9	76.2	76.4	77.0
[illegible]	43.9	69.9	72.2	74.0	74.6	74.9	75.3	75.5	75.5	75.9	76.1	76.1	76.3	76.6	76.9	77.4
[illegible]	44.5	72.2	74.9	77.0	78.0	78.6	79.1	79.3	79.3	79.6	79.8	79.8	80.1	80.4	80.6	81.2
[illegible]	45.3	74.0	76.6	78.7	79.8	80.6	81.1	81.3	81.3	81.6	81.8	81.8	82.1	82.4	82.7	83.3
[illegible]	45.5	76.0	78.7	81.3	82.5	83.4	83.9	84.2	84.3	84.6	84.8	84.8	85.0	85.4	85.7	86.3
[illegible]	45.5	76.5	79.3	81.8	83.1	83.9	84.5	84.7	84.8	85.2	85.4	85.4	85.6	85.9	86.3	86.8
[illegible]	45.6	76.9	79.6	82.2	83.4	84.3	84.9	85.2	85.3	85.7	85.9	85.9	86.2	86.5	86.9	87.4
[illegible]	45.6	77.3	80.1	82.8	84.4	85.4	86.3	86.5	86.6	87.0	87.3	87.3	87.5	87.8	88.2	88.7
[illegible]	45.6	77.9	80.7	83.8	85.6	86.7	87.8	88.0	88.3	88.7	88.9	88.9	89.3	89.6	89.9	90.5
[illegible]	45.6	77.9	80.7	83.8	85.6	86.7	87.8	88.0	88.3	88.7	89.0	89.0	89.4	89.7	90.0	90.6
[illegible]	45.6	78.0	80.8	84.2	86.2	87.6	88.9	89.1	89.4	89.8	90.4	90.4	90.7	91.0	91.4	91.9
[illegible]	45.6	78.1	81.0	84.4	86.4	87.8	89.4	89.6	89.8	90.4	90.9	90.9	91.3	91.6	92.2	92.8
[illegible]	45.6	78.1	81.0	84.4	86.5	88.0	90.0	90.4	90.6	91.1	92.0	92.0	92.4	92.7	93.4	93.9
[illegible]	45.6	78.1	81.0	84.6	86.8	88.7	90.7	91.1	91.4	92.0	92.9	92.9	93.8	94.1	94.9	95.5
[illegible]	45.6	78.2	81.1	84.9	87.2	89.1	91.1	91.8	92.0	92.7	93.7	93.7	94.8	95.1	95.8	96.6
[illegible]	45.6	78.2	81.1	84.9	87.2	89.1	91.1	91.8	92.1	93.1	94.1	94.1	95.2	95.6	96.2	97.0
[illegible]	45.6	78.2	81.1	84.9	87.2	89.1	91.1	91.8	92.1	93.1	94.6	94.6	95.9	96.2	96.9	97.9
[illegible]	45.6	78.2	81.1	84.9	87.2	89.3	91.3	91.9	92.2	93.2	94.7	94.7	96.2	96.6	97.6	99.3
[illegible]	45.6	78.2	81.1	84.9	87.2	89.3	91.3	91.9	92.2	93.2	94.7	94.7	96.2	96.6	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 903

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724057 PHILLIPS/ABERDEEN MD 48-57 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
≥ 20000	27.7	36.7	37.2	37.1	38.6	38.7	39.0	39.1	39.2	39.3	39.4	39.4	39.5	39.5	39.5	39.9
≥ 15000	32.2	42.5	43.3	44.4	45.0	45.2	45.4	45.6	45.6	45.8	45.8	45.8	45.9	45.9	46.0	46.4
≥ 10000	32.5	42.9	43.7	44.8	45.4	45.6	45.8	46.0	46.1	46.2	46.3	46.3	46.4	46.4	46.4	46.8
≥ 7000	32.7	43.4	44.2	45.4	46.0	46.2	46.5	46.7	46.7	46.9	46.9	46.9	47.1	47.1	47.1	47.5
≥ 5000	33.3	45.4	46.3	47.4	48.1	48.3	48.6	48.6	48.8	49.0	49.0	49.0	49.2	49.2	49.3	49.6
≥ 4000	35.3	48.5	49.5	50.6	51.5	51.7	52.0	52.2	52.2	52.4	52.5	52.5	52.6	52.6	52.7	53.1
≥ 3000	37.3	52.1	53.3	54.7	55.5	55.7	56.0	56.2	56.3	56.5	56.5	56.6	56.8	56.8	56.9	57.3
≥ 2500	38.3	53.1	54.3	55.7	56.6	56.9	57.2	57.4	57.5	57.8	57.8	57.9	58.1	58.1	58.1	58.6
≥ 2000	39.5	55.5	57.[illegible]	56.5	59.6	59.8	60.2	60.5	60.5	60.8	60.9	61.0	61.2	61.2	61.4	61.8
≥ 1500	40.3	57.4	58.9	60.5	61.6	61.8	62.3	62.5	62.6	62.9	63.0	63.1	63.3	63.4	63.4	63.9
≥ 1000	41.5	6[illegible].3	62.2	64.0	65.3	65.5	66.0	66.4	66.4	66.7	66.8	66.9	67.1	67.2	67.3	67.7
≥ 700	42.5	62.5	64.7	66.6	67.9	68.2	68.9	69.2	69.3	69.6	69.7	69.8	70.0	70.1	70.2	70.6
≥ 500	43.4	64.0	66.4	68.4	69.8	70.1	70.8	71.2	71.3	71.6	71.7	71.8	72.0	72.1	72.2	72.6
≥ 400	44.5	66.2	68.8	71.0	72.5	72.8	73.6	74.0	74.1	74.5	74.6	74.7	74.9	75.0	75.1	75.5
≥ 300	45.1	67.5	7[illegible].3	72.6	74.2	74.6	75.5	75.9	75.9	76.3	76.4	76.5	76.7	76.8	76.9	77.4
≥ 200	45.7	69.4	72.3	75.0	76.7	77.3	78.2	78.6	78.7	79.1	79.2	79.3	79.5	79.6	79.7	8[illegible].2
≥ 150	46.4	71.1	74.2	77.0	78.9	79.5	80.6	81.0	81.0	81.5	81.6	81.7	81.9	82.[illegible]	82.1	82.6
≥ 100	46.7	72.3	75.5	78.6	8[illegible].6	81.2	82.5	82.9	83.0	83.5	83.6	83.7	84.0	84.1	84.2	84.7
≥ 70	46.7	72.6	75.9	79.1	81.1	81.8	83.1	83.5	83.6	84.1	84.2	84.3	84.6	84.7	84.8	85.2
≥ 50	46.8	73.2	76.5	79.8	82.0	82.7	84.2	84.7	84.8	85.4	85.6	85.7	86.1	86.2	86.3	86.7
≥ 40	46.9	73.9	77.4	8[illegible].8	83.2	83.9	85.6	86.1	86.3	86.9	87.2	87.3	87.6	87.7	87.9	88.3
≥ 30	46.2	74.3	77.8	81.4	84.0	84.8	86.6	87.2	87.4	88.2	88.4	88.5	89.0	89.1	89.2	89.7
≥ 20	47.1	74.5	78.0	81.6	84.2	85.0	87.0	87.8	88.0	88.9	89.2	89.3	89.7	89.9	90.0	90.5
≥ 15	47.1	74.6	79.3	82.0	84.7	85.6	87.8	88.7	88.9	89.6	90.3	90.4	90.9	91.0	91.2	91.7
≥ 10	47.3	74.8	78.5	82.3	85.0	86.0	88.4	89.3	89.5	90.5	91.0	91.1	91.6	91.7	92.0	92.5
≥ 7	47.1	74.6	79.5	82.4	85.3	86.2	88.7	89.7	90.0	91.2	91.8	91.9	92.5	92.6	92.9	93.4
≥ 5	47.1	74.9	79.6	82.6	85.6	86.7	89.3	90.4	90.7	92.1	92.7	92.8	93.6	93.8	94.1	94.6
≥ 4	47.3	74.9	79.6	82.6	85.7	86.6	89.6	90.9	91.2	92.9	93.6	93.8	94.6	94.8	95.2	95.7
≥ 3	47.3	74.9	79.6	82.7	85.8	86.9	89.7	91.1	91.4	93.3	94.2	94.4	95.4	95.6	96.0	96.6
≥ 2	47.3	74.9	78.6	82.7	85.8	87.0	89.8	91.1	91.5	93.6	94.6	94.8	96.0	96.2	96.7	97.5
≥ 1	47.3	74.9	78.6	82.7	85.8	87.0	89.8	91.1	91.5	93.7	94.7	95.0	96.2	96.4	97.1	98.5
≥ 0	47.3	74.9	78.6	82.7	85.8	87.0	89.8	91.1	91.5	93.7	94.7	95.0	96.2	96.5	97.1	100.0

TOTAL NUMBER OF OBSERVATIONS 7222

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724057 PHILLIPS/ABERDEEN MD 48-57 FEB
STATION STATION NAME YEAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2400

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0	≥0	≥0	≥0	≥0
NO CEILING	32.7	47.9	49.0	50.4	51.2	51.4	51.6	51.8	51.8	52.4	52.5	52.5	52.9	52.9	52.9	52.9
≥20000	33.7	49.4	50.4	51.8	52.7	52.8	53.0	53.2	53.2	53.8	53.9	53.9	54.3	54.3	54.3	54.4
≥18000	33.8	49.6	50.6	52.1	52.9	53.0	53.2	53.5	53.5	54.1	54.2	54.2	54.5	54.5	54.5	54.9
≥16000	33.9	49.7	50.8	52.2	53.0	53.1	53.4	53.6	53.6	54.2	54.3	54.3	54.7	54.7	54.7	55.2
≥14000	34.7	50.2	51.2	52.7	53.5	53.6	53.8	54.1	54.1	54.7	54.8	54.8	55.1	55.1	55.1	55.5
≥12000	35.3	52.9	53.9	55.5	56.4	56.5	56.8	57.0	57.0	57.6	57.7	57.7	58.1	58.1	58.1	58.4
≥10000	36.4	56.4	57.7	59.4	60.3	60.4	60.7	60.9	60.9	61.7	61.8	61.8	62.2	62.2	62.2	62.5
≥9000	37.2	58.2	59.5	61.1	62.1	62.2	62.4	62.7	62.7	63.5	63.6	63.6	64.0	64.0	64.0	64.3
≥8000	39.3	61.5	62.8	64.8	66.0	66.1	66.3	66.5	66.5	67.4	67.5	67.5	67.8	67.8	67.8	68.2
≥7000	40.6	64.4	65.7	67.7	68.9	69.0	69.3	69.5	69.5	70.3	70.4	70.4	70.8	70.8	70.8	71.1
≥6000	42.3	67.6	69.0	71.0	72.2	72.3	72.6	72.8	72.8	73.6	73.7	73.7	74.1	74.1	74.1	74.4
≥5000	42.9	70.0	71.5	73.6	74.8	74.9	75.1	75.4	75.4	76.2	76.3	76.3	76.7	76.7	76.7	77.0
≥4500	43.5	71.0	72.7	74.8	76.1	76.2	76.4	76.7	76.7	77.5	77.6	77.6	78.0	78.0	78.0	78.3
≥4000	44.8	73.9	75.9	78.0	79.3	79.4	79.6	79.9	79.9	80.7	80.8	80.8	81.2	81.2	81.2	81.5
≥3500	45.5	75.7	77.9	80.0	81.3	81.4	81.6	81.9	81.9	82.7	82.8	82.8	83.2	83.2	83.2	83.5
≥3000	45.7	77.0	79.3	81.5	82.8	82.9	83.2	83.4	83.4	84.2	84.3	84.3	84.7	84.7	84.7	85.0
≥2500	46.3	78.1	80.3	82.7	84.1	84.2	84.6	84.8	84.8	85.6	85.7	85.7	86.1	86.1	86.1	86.5
≥2000	46.4	78.4	80.9	83.3	84.7	84.8	85.2	85.4	85.4	86.2	86.3	86.3	86.7	86.7	86.7	87.0
≥1800	46.6	78.8	81.3	83.6	85.0	85.2	85.5	85.7	85.7	86.6	86.7	86.7	87.0	87.0	87.0	87.4
≥1600	46.6	79.0	81.5	83.9	85.3	85.4	85.9	86.1	86.1	87.0	87.2	87.2	87.5	87.5	87.5	87.9
≥1400	46.6	79.3	82.0	84.8	86.2	86.3	86.8	87.0	87.0	88.1	88.2	88.2	88.6	88.6	88.6	88.9
≥1200	46.6	79.4	82.3	85.2	86.7	87.0	87.9	88.3	88.3	89.5	89.8	89.8	90.1	90.1	90.1	90.5
≥1000	46.6	79.4	82.3	85.2	86.7	87.2	88.0	88.5	88.5	89.6	89.9	89.9	90.2	90.2	90.2	90.6
≥900	46.6	79.7	82.9	85.7	87.3	87.8	88.6	89.2	89.2	90.3	90.6	90.6	90.9	90.9	90.9	91.3
≥800	46.6	79.9	83.0	86.0	87.5	88.1	89.0	89.6	89.6	90.8	91.2	91.2	91.5	91.5	91.5	91.9
≥700	46.6	80.1	83.5	86.7	88.3	89.0	90.5	91.2	91.2	92.3	92.7	92.7	93.3	93.3	93.3	93.6
≥600	46.6	80.1	83.5	86.7	88.6	89.6	91.0	91.8	91.8	93.3	93.6	93.6	94.5	94.5	94.6	95.1
≥500	46.6	80.1	83.5	86.7	88.6	89.6	91.0	91.8	91.8	93.3	93.6	93.6	94.6	94.6	94.7	95.2
≥400	46.6	80.1	83.5	86.7	88.7	89.8	91.5	92.3	92.3	94.5	94.9	94.9	96.0	96.0	96.6	97.1
≥300	46.6	80.2	83.6	86.8	88.8	90.0	91.8	92.6	92.6	94.8	95.6	95.6	96.7	96.7	97.5	98.6
≥200	46.6	80.2	83.6	86.8	88.8	90.0	91.8	92.6	92.6	94.8	95.6	95.6	96.7	96.7	97.5	98.9
≥0	46.6	80.2	83.6	86.8	88.8	90.0	91.8	92.6	92.6	94.8	95.6	95.6	96.7	96.7	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 549

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72403 PHILLIPS/ABERDEEN MD 46-57 FEB

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

VISIBILITY STATUTE MILES

CEILING FEET	30	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
20000	29.1	44.2	45.6	47.1	47.9	48.1	48.4	48.6	48.6	48.6	48.9	48.9	49.2	49.2	49.2	49.5
15000	30.9	46.3	48.1	49.5	50.8	50.9	51.2	51.5	51.5	51.6	51.7	51.7	52.1	52.1	52.1	52.3
10000	31.1	46.3	48.3	50.2	51.0	51.1	51.5	51.7	51.7	51.8	51.9	51.9	52.3	52.3	52.3	52.5
9000	31.2	46.6	48.4	50.3	51.1	51.2	51.6	51.8	51.8	51.9	52.1	52.1	52.4	52.4	52.4	52.7
8000	31.4	47.5	49.2	51.1	51.9	52.1	52.4	52.8	52.8	52.9	53.0	53.0	53.4	53.4	53.4	53.6
7000	31.2	49.6	51.4	53.6	54.4	54.5	54.9	55.2	55.2	55.4	55.5	55.5	55.8	55.8	55.8	56.1
6000	33.6	53.0	55.1	57.4	58.3	58.4	58.8	59.1	59.1	59.2	59.4	59.4	59.7	59.7	59.9	60.1
5000	33.7	53.8	55.9	58.2	59.1	59.2	59.6	60.0	60.0	60.1	60.2	60.2	60.5	60.5	60.7	60.9
4000	34.9	56.7	58.8	61.5	62.9	63.0	63.4	63.7	63.7	63.8	64.0	64.0	64.3	64.3	64.4	64.7
3000	35.9	59.2	61.1	63.8	65.3	65.4	65.7	66.1	66.1	66.2	66.3	66.3	66.7	66.7	66.8	67.0
2500	37.0	61.5	63.6	66.3	67.7	67.8	68.2	68.6	68.6	68.7	68.9	68.9	69.3	69.3	69.4	69.6
2000	37.7	64.1	66.5	69.3	70.7	71.0	71.4	71.8	71.8	72.0	72.2	72.2	72.6	72.6	72.7	72.9
1500	39.1	65.6	68.4	71.1	72.7	73.0	73.4	73.9	73.9	74.0	74.2	74.2	74.6	74.6	74.7	74.9
1000	40.0	69.1	72.1	74.9	76.9	77.3	77.6	78.1	78.1	78.2	78.4	78.4	78.8	78.8	78.9	79.2
900	40.4	70.0	73.0	75.9	77.9	78.2	78.6	79.0	79.0	79.2	79.4	79.4	79.7	79.7	79.9	80.1
800	41.3	72.1	75.7	79.0	81.4	81.7	82.1	82.6	82.6	82.7	83.0	83.0	83.4	83.4	83.5	83.7
700	41.6	72.8	76.6	80.7	83.0	83.4	83.7	84.2	84.2	84.3	84.7	84.7	85.2	85.2	85.3	85.5
600	42.0	73.6	77.9	82.1	84.7	85.0	85.5	86.0	86.0	86.1	86.5	86.5	86.9	86.9	87.0	87.3
500	42.3	73.7	78.0	82.2	84.8	85.2	85.6	86.1	86.1	86.2	86.6	86.6	87.0	87.0	87.2	87.4
400	42.2	74.3	78.7	83.2	85.9	86.2	86.8	87.3	87.3	87.4	87.8	87.8	88.2	88.2	88.3	88.6
300	42.2	74.3	79.2	83.6	86.3	86.7	87.3	87.8	87.8	87.9	88.2	88.2	88.8	88.8	89.0	89.2
200	42.2	74.4	79.4	84.0	86.9	87.3	88.0	88.6	88.6	88.7	89.2	89.5	89.5	90.2	90.2	90.3	90.6
150	42.2	74.4	79.5	84.1	87.0	87.4	88.1	88.7	88.7	89.3	89.6	89.6	90.3	90.3	90.5	90.7
100	42.2	74.4	79.6	84.2	87.2	87.5	88.2	88.9	88.9	89.5	89.9	89.9	90.6	90.6	90.7	90.9
50	42.2	74.7	79.9	84.6	87.8	88.3	89.2	90.1	90.1	90.9	91.3	91.3	92.0	92.0	92.1	92.3
40	42.2	74.7	80.0	84.9	88.3	88.9	89.9	90.9	90.9	91.8	92.1	92.1	92.8	92.8	92.9	93.2
30	42.2	74.7	80.0	84.9	88.5	89.0	90.3	91.4	91.4	92.5	92.8	92.8	93.8	93.8	93.9	94.1
20	42.2	74.7	80.1	85.0	88.8	89.6	91.0	92.1	92.2	93.4	93.8	93.8	94.8	94.9	95.3	95.5
15	42.2	74.7	80.1	85.0	88.8	89.8	91.5	92.6	92.7	94.1	94.9	94.9	96.0	96.1	96.6	96.8
10	42.2	74.7	80.1	85.0	88.8	89.8	91.8	92.8	92.9	94.5	95.4	95.4	96.7	96.8	97.5	98.1
5	42.2	74.7	80.1	85.0	88.8	89.8	91.8	92.8	92.9	94.5	95.5	95.5	96.8	97.1	97.9	98.5
0	42.2	74.7	80.1	85.0	88.8	89.8	91.8	92.8	92.9	94.5	95.6	95.6	96.9	97.2	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 349

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724157 PHILLIPS/ABERDEEN MD 42-57 SEP
STATION STATION NAME YEAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	
≥ 20000	24.6	33.6	36.3	39.9	41.7	41.9	43.2	43.7	43.7	44.1	44.3	44.7	44.6	44.8	44.8	45.0
≥ 15000	26.6	37.2	39.9	44.1	45.8	46.1	47.3	47.8	47.8	48.2	48.4	48.4	48.8	48.9	48.9	49.2
≥ 10000	26.9	37.2	40.2	44.3	46.1	46.3	47.6	48.1	48.1	48.4	48.6	48.6	49.0	49.1	49.1	49.5
≥ 7000	27.1	37.6	40.5	44.6	46.4	46.6	47.9	48.4	48.4	48.8	49.0	49.0	49.4	49.5	49.5	49.8
≥ 5000	27.7	39.2	42.2	46.4	48.3	48.5	49.8	50.3	50.3	50.6	50.9	50.9	51.2	51.4	51.4	51.8
≥ 4000	28.4	41.3	44.4	49.2	51.4	51.6	53.0	53.5	53.5	53.8	54.1	54.1	54.4	54.5	54.5	55.1
≥ 3000	30.3	44.9	48.1	52.9	55.0	55.4	56.8	57.2	57.2	57.6	57.8	57.8	58.3	58.4	58.4	59.0
≥ 2500	30.9	46.1	49.2	54.2	56.5	56.9	58.3	58.8	58.8	59.1	59.4	59.4	59.8	60.0	60.0	60.5
≥ 2000	31.5	48.6	51.9	57.2	59.6	60.0	61.5	62.0	62.0	62.3	62.7	62.7	63.1	63.3	63.3	63.8
≥ 1500	32.5	51.6	53.9	59.2	62.0	62.3	63.8	64.5	64.5	64.9	65.3	65.3	65.7	65.8	65.8	66.4
≥ 1000	33.7	52.5	55.8	61.2	64.0	64.3	65.8	66.5	66.5	66.9	67.3	67.3	67.7	67.8	67.8	68.4
≥ 700	34.7	54.8	58.2	64.0	66.8	67.1	68.8	69.5	69.5	69.8	70.2	70.2	70.7	70.8	70.8	71.4
≥ 500	35.5	57.7	61.1	66.9	69.7	70.1	71.8	72.6	72.6	72.9	73.3	73.3	73.7	73.9	73.9	74.4
≥ 400	36.5	59.5	63.4	69.4	72.3	72.7	74.6	75.4	75.4	75.7	76.1	76.1	76.6	76.7	76.7	77.3
≥ 300	37.2	60.5	64.8	71.0	74.1	74.4	76.4	77.3	77.3	77.6	78.0	78.0	78.4	78.6	78.6	79.2
≥ 200	37.8	62.1	66.1	72.8	76.1	76.4	78.6	79.4	79.4	79.7	80.1	80.2	80.7	80.8	80.8	81.4
≥ 150	38.0	62.5	66.7	73.5	76.9	77.4	79.6	80.7	80.8	81.2	81.5	81.6	82.1	82.2	82.2	82.8
≥ 100	38.4	63.2	67.6	74.4	78.0	78.4	80.7	81.7	81.9	82.3	82.7	82.8	83.4	83.5	83.5	84.1
≥ 80	38.4	63.5	67.7	74.6	78.1	78.6	80.9	82.0	82.2	82.7	83.0	83.2	83.7	83.9	83.9	84.5
≥ 60	38.6	64.0	68.2	75.4	79.4	80.0	82.4	83.5	83.7	84.2	84.6	84.7	85.3	85.4	85.4	86.0
≥ 50	38.6	64.5	69.0	76.2	80.4	81.0	83.7	84.8	85.0	85.5	85.9	86.0	86.6	86.8	86.8	87.4
≥ 40	38.8	64.8	69.4	76.6	81.2	81.7	84.6	85.9	86.1	87.3	87.6	87.8	88.3	88.6	88.6	89.3
≥ 30	38.8	64.8	69.4	76.6	81.2	81.7	84.7	86.1	86.3	87.6	88.0	89.1	88.7	89.0	89.0	89.6
≥ 20	38.8	64.8	69.4	76.6	81.3	81.9	85.0	86.5	86.7	88.0	88.5	89.6	89.2	89.5	89.8	90.5
≥ 15	38.8	65.0	69.6	76.8	81.6	82.2	85.5	87.0	87.3	88.6	89.0	89.2	90.0	90.3	90.6	91.3
≥ 10	38.8	65.1	69.7	77.1	82.3	82.9	86.2	88.1	88.3	89.8	90.0	90.3	91.4	91.8	92.2	92.9
≥ 7	38.8	65.1	69.7	77.1	82.3	83.2	86.6	88.6	88.6	90.5	91.0	91.3	92.3	92.7	93.3	94.1
≥ 5	38.8	65.1	69.7	77.1	82.3	83.4	86.8	88.8	89.0	91.2	91.9	92.2	93.4	93.9	94.6	95.6
≥ 4	38.8	65.1	69.7	77.1	82.3	83.4	86.8	88.9	89.2	91.6	92.7	93.1	94.3	94.8	95.6	96.9
≥ 3	38.8	65.1	69.7	77.1	82.3	83.4	87.0	89.2	89.4	91.9	93.1	93.4	94.8	95.5	96.9	98.6
≥ 2	38.8	65.1	69.7	77.1	82.3	83.4	87.0	89.2	89.4	92.0	93.2	93.5	95.2	95.9	97.3	99.4
≥ 1	38.8	65.1	69.7	77.1	82.3	83.4	87.0	89.2	89.4	92.0	93.3	93.6	95.3	96.0	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 849

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7C4 57 (STATION NUMBER) PHILLIPS/ABERDEEN MD (STATION NAME) 40-57 (YEAR) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

0500-1100

CEILING IN STATUTE MILES

	30	26	22	20	18	16	14	12	10	9	8	7	6	5	4	3
.3	36.0	37.1	38.3	39.1	39.5	39.9	40.0	40.2	40.2	40.2	40.2	40.4	40.4	40.4	40.4	40.4
33.6	43.2	44.5	46.1	47.6	47.9	48.4	48.5	48.6	48.6	48.6	48.6	48.9	48.9	48.9	48.9	48.9
33.6	43.3	44.6	46.4	48.1	48.4	49.2	49.4	49.5	49.5	49.5	49.5	49.7	49.7	49.7	49.7	49.7
33.6	43.3	44.6	46.4	48.1	48.4	49.2	49.4	49.5	49.5	49.5	49.5	49.7	49.7	49.7	49.7	49.7
34.5	46.0	46.4	48.2	49.8	50.2	51.0	51.1	51.2	51.2	51.2	51.2	51.5	51.5	51.5	51.5	51.5
36.4	47.5	49.2	50.9	52.5	52.9	53.8	53.9	54.1	54.1	54.1	54.1	54.3	54.3	54.3	54.3	54.3
38.3	51.4	53.2	55.4	57.1	57.5	58.5	58.7	58.9	58.9	58.9	58.9	59.1	59.1	59.1	59.1	59.1
38.4	51.9	53.6	55.9	57.7	58.1	59.1	59.2	59.4	59.4	59.5	59.5	59.7	59.7	59.7	59.7	59.7
39.3	53.5	55.6	58.4	6 .3	60.8	62.0	62.1	62.2	62.4	62.5	62.5	62.8	62.8	62.8	62.8	62.8
40.2	55.2	57.6	60.4	62.4	62.9	64.2	64.3	64.4	64.7	64.9	64.8	65.0	65.0	65.0	65.0	65.0
41.1	56.5	59.0	62.0	64.0	64.4	65.8	66.0	66.1	66.3	66.4	66.4	66.7	66.7	66.7	66.7	66.7
42.1	58.9	61.4	64.4	66.4	67.1	68.6	68.7	68.8	69.0	69.1	69.1	69.4	69.4	69.4	69.4	69.4
43.6	61.2	63.8	67.3	69.5	70.2	71.6	71.7	71.8	72.1	72.2	72.2	72.4	72.4	72.4	72.4	72.4
45.7	64.1	66.9	70.8	73.1	74.2	75.7	76.0	76.1	76.3	76.4	76.4	76.7	76.7	76.7	76.7	76.7
46.9	65.5	68.3	72.2	74.6	75.7	77.5	77.7	77.9	78.1	78.2	78.2	78.4	78.4	78.4	78.4	78.4
48.4	67.5	70.3	74.4	76.8	78.0	79.7	80.2	80.3	80.6	80.7	80.7	80.9	80.9	80.9	80.9	80.9
48.6	68.3	71.3	75.6	78.1	79.3	81.3	81.7	81.9	82.1	82.2	82.2	82.4	82.4	82.4	82.4	82.4
48.9	69.4	72.2	77.4	79.9	81.0	83.3	83.7	83.9	84.3	84.5	84.5	84.7	84.7	84.7	84.7	84.7
48.9	69.3	72.4	77.5	8 .4	81.7	84.0	84.6	84.7	85.2	85.3	85.3	85.5	85.5	85.5	85.5	85.5
48.9	69.4	72.7	78.0	80.9	82.4	85.0	85.6	85.7	86.6	86.8	86.8	87.0	87.0	87.0	87.0	87.0
48.9	69.5	73.1	78.3	81.3	83.0	85.9	86.5	86.6	87.6	88.0	88.0	88.2	88.2	88.2	88.2	88.2
49.1	69.8	73.4	78.7	81.6	83.5	86.3	86.9	87.1	88.3	89.2	89.2	89.3	89.3	89.3	89.3	89.3
49.0	70.2	73.7	79.2	82.1	84.0	86.9	87.5	87.6	88.9	89.6	89.6	89.9	89.9	89.9	89.9	89.9
49.2	70.4	74.0	79.4	82.4	84.5	87.4	88.2	88.3	89.9	90.6	90.6	90.8	90.8	90.8	90.8	90.9
49.2	70.6	74.3	79.7	83.0	85.0	88.2	89.2	89.7	91.0	91.8	91.8	92.1	92.2	92.3	92.3	92.5
49.2	70.7	74.7	80.2	83.6	85.7	89.2	90.2	90.6	92.3	93.2	93.3	93.6	93.8	94.0	94.1	
49.2	70.7	74.8	80.4	84.3	86.5	90.5	91.6	92.0	94.0	95.1	95.4	96.1	96.2	96.6	96.8	
49.2	70.7	74.9	80.7	84.6	87.2	91.2	92.7	93.1	95.1	96.1	96.6	97.4	97.5	97.9	98.4	
49.2	70.7	74.9	80.7	84.6	87.2	91.2	92.8	93.2	95.4	96.5	97.4	98.2	98.4	98.7	99.2	
49.2	70.7	74.9	80.7	84.6	87.2	91.2	92.8	93.2	95.4	96.8	97.4	98.2	98.7	99.2	99.9	
49.2	70.7	74.9	80.7	84.6	87.2	91.2	92.8	93.2	95.4	96.8	97.4	98.2	98.7	99.2	99.9	
49.2	70.7	74.9	80.7	84.6	87.2	91.2	92.8	93.2	95.5	96.9	97.5	98.4	98.8	99.3	100.0	

TOTAL NUMBER OF OBSERVATIONS 649

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724057 PHILLIPS/ABERDEEN MD 46-57 SEP
STATION STATION NAME YEAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

OBSERVATION TIME

CEILING (FEET)	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11
20000	31.9	36.4	36.6	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
15000	39.3	46.3	47.0	47.9	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
10000	39.8	47.2	47.9	49.0	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
9000	40.3	47.5	48.2	49.2	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
8000	40.6	48.8	49.5	50.5	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
7000	43.3	52.7	53.4	54.4	54.8	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
6000	44.5	55.6	56.5	58.0	58.3	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
5000	45.5	56.9	57.8	59.6	60.0	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
4500	46.0	59.6	61.5	62.4	62.9	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
4000	47.7	60.7	61.6	63.5	64.1	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
3500	49.0	62.7	63.7	65.6	65.2	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
3000	49.2	63.9	64.9	66.9	67.6	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
2500	49.9	65.0	66.1	68.1	68.9	69.6	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
2000	53.0	69.0	70.3	72.6	73.6	74.3	74.7	74.7	74.7	74.8	74.9	74.9	74.9	74.9	74.9	74.9
1800	55.0	71.7	73.0	75.3	76.3	77.0	77.4	77.4	77.4	77.5	77.5	77.6	77.6	77.6	77.6	77.6
1500	56.2	74.0	75.3	77.6	78.7	79.5	80.0	80.1	80.1	80.2	80.2	80.3	80.3	80.3	80.3	80.3
1200	56.7	75.4	77.1	79.6	80.8	81.6	82.2	82.4	82.6	82.8	82.8	82.9	82.9	82.9	82.9	82.9
1000	57.1	77.3	79.2	81.9	83.0	84.0	84.7	84.9	85.0	85.3	85.3	85.4	85.4	85.4	85.4	85.4
900	57.2	77.5	79.4	82.2	83.4	84.3	85.0	85.3	85.4	85.6	85.6	85.7	85.7	85.7	85.7	85.7
800	57.5	78.1	80.0	83.2	84.7	86.0	86.9	87.2	87.3	87.5	87.5	87.6	87.6	87.6	87.6	87.6
700	57.6	78.4	80.4	83.6	85.4	86.7	87.8	88.0	88.1	88.3	88.3	88.5	88.5	88.5	88.5	88.5
600	57.8	79.2	81.4	84.7	86.6	88.2	89.4	89.8	89.9	90.3	90.3	90.5	90.7	90.7	90.8	90.8
500	57.8	79.3	81.5	84.8	86.7	88.3	89.6	90.2	90.3	90.8	90.8	90.9	91.2	91.2	91.3	91.3
400	57.9	79.5	81.7	85.2	87.0	88.7	90.2	91.0	91.2	91.6	91.6	91.8	92.2	92.2	92.3	92.3
300	58.0	79.6	82.1	85.6	87.8	89.5	91.4	92.3	92.7	93.4	93.4	93.5	94.1	94.1	94.3	94.3
200	58.0	80.0	82.7	86.6	88.7	90.6	92.9	94.0	94.3	95.3	95.3	95.4	96.3	96.3	96.6	96.6
150	58.0	80.0	82.7	86.8	89.0	90.9	93.5	94.7	95.1	96.0	96.5	96.6	97.9	97.9	98.1	98.2
100	58.0	80.0	82.7	86.8	89.0	90.9	93.8	95.1	95.4	96.5	96.9	97.3	98.4	98.4	98.6	98.7
50	58.0	80.0	82.7	86.8	89.0	90.9	93.8	95.1	95.6	96.8	97.5	97.9	99.3	99.3	99.5	99.6
0	58.0	80.0	82.7	86.8	89.0	90.9	93.8	95.1	95.6	96.8	97.6	98.0	99.5	99.6	99.91	100.0
	58.0	80.0	82.7	86.8	89.0	90.9	93.8	95.1	95.6	96.8	97.6	98.0	99.5	99.6	99.91	100.0
	58.0	80.0	82.7	86.8	89.0	90.9	93.8	95.1	95.6	96.8	97.6	98.0	99.5	99.6	99.91	100.0

TOTAL NUMBER OF OBSERVATIONS 349

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

704287 PHILLIPS/ABERDEEN MD 48-57

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

39.1	43.2	47.7	43.6	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
41.2	51.5	51.9	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
41.5	51.9	52.4	52.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
41.5	51.9	52.4	52.7	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
47.1	54.1	54.8	55.6	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
49.4	57.7	58.5	58.8	59.2	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
52.3	61.2	62.1	62.5	62.8	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
53.4	62.9	63.7	64.2	64.4	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
55.4	66.1	66.9	67.6	67.8	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
56.3	68.0	68.9	69.6	69.8	70.2	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
56.5	69.4	70.3	71.1	71.4	71.7	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
56.9	70.6	71.5	72.3	72.6	72.9	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.7
57.4	72.1	73.1	74.0	74.2	74.6	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.4
59.7	74.7	75.7	76.7	77.0	77.4	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.7
61.0	76.2	77.4	79.6	79.7	79.5	80.4	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
62.1	78.3	79.7	80.9	81.6	82.0	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
62.3	79.[illegible]	80.6	81.7	82.7	83.0	84.2	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.8
62.3	3[illegible]	81.6	82.6	83.7	84.1	85.3	86.[illegible]	86.[illegible]	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.3
62.4	80.2	81.9	83.0	84.0	84.3	85.5	86.2	86.2	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
62.7	82.7	82.7	83.9	84.8	85.4	86.7	87.5	87.5	87.6	87.8	87.6	87.8	87.8	87.8	87.8	87.8	87.9
63.1	81.2	82.5	84.6	85.5	86.1	87.4	88.2	88.2	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.6
63.1	81.4	83.0	84.6	85.9	86.5	87.9	88.6	88.9	89.5	89.8	89.8	89.6	89.8	89.9	89.9	89.9	9[illegible]
63.4	82.2	83.9	85.6	86.7	87.3	88.7	90.0	90.1	90.8	91.0	91.0	91.0	91.0	91.0	91.2	91.2	91.2
63.4	82.4	84.2	86.[illegible]	87.0	87.8	89.2	9[illegible].7	92.4	91.6	92.2	92.2	92.1	92.1	92.2	92.2	92.2	92.3
63.4	82.8	84.7	86.5	87.5	88.3	9[illegible].2	91.9	92.1	92.9	93.3	93.3	93.4	93.4	93.5	93.6	93.6	93.6
63.5	83.[illegible]	85.2	86.9	8[illegible].1	88.9	91.0	92.6	93.1	94.2	94.6	94.6	94.8	94.8	94.9	94.9	95.1	95.1
63.5	83.[illegible]	85.2	87.2	8[illegible].6	89.5	91.9	93.5	93.9	95.5	95.[illegible]	95.9	96.5	96.7	97.1	97.3	97.3	97.3
63.5	83.0	85.2	87.2	88.6	89.5	91.8	93.8	94.1	96.2	96.2	96.6	97.5	97.8	98.4	98.6	98.6	98.6
63.5	83.0	85.2	87.2	88.6	89.5	91.8	93.8	94.1	96.2	96.6	96.9	97.5	97.8	98.6	98.6	98.6	98.6
63.5	83.0	85.2	87.2	88.6	89.6	91.9	94.0	94.3	96.5	97.1	97.1	97.9	98.1	98.9	98.9	99.3	99.3
63.5	83.0	85.2	87.2	88.6	89.6	91.9	94.[illegible]	94.3	96.6	97.4	97.4	98.5	98.7	99.5	99.9	99.9	99.9
63.5	83.0	85.2	87.2	88.6	89.6	91.9	94.0	94.3	96.6	97.4	97.4	98.5	98.7	99.5	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 549

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 APR 57 PHILLIPS/ABERDEEN MD 45-57

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

	39.9	47.7	49.6	49.6	49.9	50.[illegible]	50.7	50.4	50.4	50.5	50.5	50.[illegible]	50.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	42.3	51.4	52.3	53.2	53.7	53.9	54.1	54.2	54.2	54.3	54.3	54.7	54.7	54.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	42.2	51.7	52.9	53.0	54.7	54.5	54.7	54.8	54.8	54.9	54.9	54.[illegible]	54.9	54.[illegible]	54.9	54.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	42.2	51.5	53.1	54.2	54.7	54.9	55.0	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	43.[illegible]	55.2	56.8	57.6	58.3	58.5	59.7	58.8	59.8	58.9	58.9	58.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	4[illegible].2	57.4	59.2	60.3	60.9	61.0	61.1	61.2	61.2	61.4	61.4	61.4	61.4	61.4	61.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	47.9	62.[illegible]	64.2	65.4	66.0	66.2	66.3	66.4	66.4	66.5	66.5	66.5	66.5	66.[illegible]	66.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	4[illegible].3	62.6	65.[illegible]	66.3	66.9	67.1	67.3	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	4[illegible].5	65.4	67.6	69.0	69.6	69.8	70.0	70.1	70.1	70.3	70.3	70.3	70.3	70.[illegible]	70.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible].4	67.3	69.6	71.0	71.6	71.8	72.0	72.1	72.1	72.3	72.3	72.3	72.3	72.3	72.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible].1	68.7	71.3	72.7	73.3	73.5	73.6	73.7	73.7	74.0	74.0	74.0	74.0	74.0	74.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible].2	70.2	72.9	74.2	74.9	75.1	75.3	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	53.[illegible]	71.4	74.0	75.4	7[illegible].1	76.3	76.4	76.6	76.6	76.8	76.9	76.8	76.9	76.[illegible]	76.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible].1	74.2	76.8	78.7	79.6	79.9	8[illegible].3	80.4	8[illegible].4	80.6	80.6	80.8	80.9	80.9	80.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	55.8	75.0	77.7	79.7	80.7	[illegible].9	81.4	81.5	81.6	81.9	81.9	81.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	56.1	76.1	79.0	81.0	82.1	[illegible]2.3	82.8	83.2	83.3	83.6	83.6	83.6	83.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	56.2	76.4	79.4	81.4	82.8	83.[illegible]	[illegible]3.5	84.[illegible]	84.1	84.6	84.7	84.7	84.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	56.5	77.1	80.2	82.4	84.0	84.2	84.7	85.3	85.4	85.9	86.[illegible]	85.[illegible]	86.1	86.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	56.5	77.1	80.2	82.4	84.0	84.2	84.7	85.3	85.4	85.9	86.[illegible]	86.[illegible]	86.1	86.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	56.5	77.1	80.4	82.6	84.3	84.6	85.5	86.2	86.5	87.3	87.4	87.5	87.6	87.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	56.7	77.4	80.8	83.2	84.7	85.2	86.[illegible]	86.7	86.9	87.9	87.9	88.[illegible]	88.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	56.[illegible]	77.5	80.9	83.5	85.3	85.7	86.7	87.6	89.0	89.2	89.4	89.5	89.8	89.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	56.[illegible]	77.7	81.3	84.2	86.2	86.7	87.9	88.6	89.0	90.3	90.6	90.7	91.0	91.[illegible]	91.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	56.[illegible]	78.1	81.6	84.6	87.0	87.5	88.9	89.9	9[illegible].2	91.4	91.8	91.9	92.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	56.8	7[illegible].1	81.8	84.8	87.3	87.9	89.4	90.6	91.[illegible]	92.2	92.6	92.7	93.3	93.3	93.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	56.[illegible]	78.2	81.7	84.9	87.4	88.[illegible]	90.0	91.5	92.1	93.5	93.9	94.3	95.1	95.2	95.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	56.8	78.2	81.7	85.2	87.6	88.5	91.5	92.[illegible]	92.8	94.2	94.5	94.7	95.9	96.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	56.[illegible]	78.2	81.7	85.2	87.6	88.5	90.6	92.1	92.7	94.3	94.7	94.3	95.[illegible]	[illegible]	96.2	96.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	56.[illegible]	78.2	81.7	85.2	87.6	88.5	90.6	92.1	92.7	94.3	94.7	94.9	96.2	96.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	56.[illegible]	78.2	81.7	85.2	87.6	88.5	90.6	92.5	93.1	94.7	95.3	95.6	97.3	97.[illegible]	97.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	56.[illegible]	78.2	81.7	85.2	87.6	88.5	90.7	92.6	93.2	94.8	95.4	95.9	97.5	97.8	98.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	56.[illegible]	78.2	81.7	85.2	87.6	88.5	90.7	92.8	93.2	94.8	95.4	95.8	97.5	97.8	98.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

AL CLIMATOLOGY BRANCH
ATHER SERVICE / MAC

CEILING VERSUS VISIBILITY

PHILIPPINES

46-57

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

27.[illegible]	49.[illegible]	51.[illegible]	52.[illegible]	52.4	52.4	52.7	52.7	52.7	52.8	[illegible]	52.8	53.4	53.4	53.4	53.4	53.4
[illegible]	52.5	54.1	55.2	55.5	55.5	55.9	55.9	55.9	56.[illegible]	56.[illegible]	56.[illegible]	56.6	56.6	56.6	56.6	56.6
3[illegible].5	5[illegible].6	54.[illegible]	55.4	55.8	55.8	56.1	56.1	56.1	56.3	56.3	56.3	56.8	56.8	56.8	56.[illegible]	[illegible]
[illegible]	53.2	55.[illegible]	56.[illegible]	56.4	56.4	56.7	56.7	56.7	56.5	56.[illegible]	56.[illegible]	57.4	57.4	57.4	57.4	57.4
[illegible].4	55.3	56.8	58.0	58.4	58.4	58.7	58.7	58.7	58.8	58.8	58.8	59.4	59.4	59.4	59.4	59.4
[illegible]	57.8	59.2	61.2	61.7	61.7	62.0	62.0	62.0	62.1	62.1	62.1	62.7	62.7	62.7	62.7	62.7
[illegible].4	61.7	63.9	65.7	66.5	66.5	66.9	66.9	66.9	67.3	67.3	67.3	67.6	67.6	67.6	67.6	67.6
[illegible].2	63.3	65.7	67.5	[illegible]	68.3	68.6	68.6	68.6	68.8	68.8	68.8	69.3	69.3	69.3	69.3	69.3
[illegible].4	66.2	6[illegible].5	70.[illegible]	[illegible]	71.3	71.7	71.7	71.7	71.8	71.8	71.8	72.4	72.4	72.4	72.4	72.4
46.2	68.2	7[illegible].5	7[illegible]	73.3	73.3	73.7	73.7	73.7	73.8	73.8	73.8	74.4	74.4	74.4	74.4	74.4
47.4	7[illegible].5	73.[illegible]	[illegible].4	76.3	76.3	76.7	76.7	76.7	76.8	76.8	76.8	77.4	77.4	77.4	77.4	77.7
4[illegible].1	72.2	74.6	77.6	77.9	77.9	78.3	78.3	78.3	78.4	78.4	78.4	79.[illegible]	79.[illegible]	79.[illegible]	79.[illegible]	79.4
4[illegible].1	73.3	75.8	78.2	79.2	79.2	79.6	79.6	79.6	79.7	79.7	79.7	80.3	80.3	80.3	[illegible]	.7
[illegible].1	75.4	77.8	8[illegible].2	81.3	81.3	82.1	82.1	82.1	82.2	82.2	82.2	82.8	82.8	82.8	82.8	83.1
[illegible]	76.[illegible]	79.1	81.5	82.5	82.5	83.4	83.4	83.4	83.5	83.5	83.5	84.1	84.1	84.1	84.1	84.4
[illegible].4	77.[illegible]	[illegible].7	83.4	84.2	84.2	85.0	85.0	85.0	85.1	85.4	85.4	85.9	86.0	86.[illegible]	86.[illegible]	86.3
[illegible].4	77.9	8[illegible].9	83.3	84.4	84.4	85.3	85.3	85.7	85.4	85.6	85.6	86.2	86.2	86.2	86.2	86.6
[illegible].4	77.9	81.2	83.4	84.6	84.6	85.4	85.4	85.4	85.5	85.7	85.7	86.3	86.3	86.3	86.3	86.7
[illegible].4	77.[illegible]	81.[illegible]	83.5	84.9	84.9	85.7	85.7	85.7	85.8	86.1	86.1	86.7	86.7	86.7	86.7	87.[illegible]
[illegible].4	77.[illegible]	81.[illegible]	83.5	84.9	84.9	85.8	85.8	85.8	86.2	86.2	86.2	86.8	86.8	86.8	86.8	87.1
[illegible].4	7[illegible].1	81.1	83.6	85.4	85.4	86.6	86.7	86.7	86.8	87.[illegible]	87.[illegible]	87.7	87.7	87.7	87.7	88.1
[illegible]	7[illegible].7	81.[illegible]	84.4	86.6	86.6	88.1	88.3	88.3	88.7	88.6	88.6	89.9	89.6	89.6	89.6	9[illegible]
[illegible]	7[illegible].7	81.[illegible]	84.6	86.8	86.9	88.6	88.8	88.8	89.2	89.4	89.5	90.2	90.2	90.2	90.2	90.6
[illegible]	7[illegible].9	82.3	85.3	87.6	87.7	89.4	89.6	89.6	9[illegible]	90.2	9[illegible].3	91.0	91.0	91.0	91.0	91.4
[illegible]	79.2	82.7	85.7	88.1	88.3	90.[illegible]	90.2	90.2	90.6	90.8	90.9	91.7	91.[illegible]	91.9	91.9	92.2
[illegible]	79.2	82.7	85.7	88.1	88.3	9[illegible].2	9[illegible].2	90.2	90.6	91.0	91.2	92.5	92.6	92.6	92.6	92.9
[illegible]	79.2	82.7	85.7	88.3	88.8	9[illegible].8	91.[illegible]	91.[illegible]	92.[illegible]	92.2	92.3	93.9	94.[illegible]	94.5	94.8	
[illegible]	79.6	82.7	85.8	88.4	8[illegible].9	90.9	91.2	91.2	92.1	92.7	92.5	94.3	94.7	95.2	95.5	
[illegible]	79.2	82.7	85.6	88.6	89.[illegible]	91.0	91.3	91.3	92.7	93.0	93.2	95.2	95.5	96.1	96.5	
[illegible]	79.2	82.7	85.6	88.6	89.[illegible]	91.0	91.4	91.4	93.2	93.6	93.6	96.2	96.5	97.3	97.6	
[illegible]	79.[illegible]	82.7	85.6	88.6	89.0	91.0	91.4	91.4	93.2	93.6	93.6	96.5	96.9	97.5	98.3	
[illegible]	79.2	82.7	85.8	88.6	89.[illegible]	91.0	91.4	91.4	93.2	93.6	93.8	96.5	96.8	97.9	10[illegible]	

TOTAL NUMBER OF OBSERVATIONS [illegible]48

USAF [illegible] 5-4-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

OL [illegible]AL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7[illegible]4-57 (MONTHS) PHILLIPS/ABERDEEN MD (STATION NAME) 46-57 (YEARS) FLE (WBAN)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

VISIBILITY STATUTE MILES

CEILING FEET	30	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
[illegible]	32.[illegible]	42.3	43.5	44.6	45.4	45.5	45.9	46.[illegible]	46.1	46.2	46.3	46.3	46.5	46.[illegible]	46.5	46.6
[illegible]	36.2	47.2	48.5	50.6	50.8	50.9	51.3	51.4	51.5	51.6	51.7	51.7	51.9	51.9	51.9	52.[illegible]
[illegible]	36.4	47.5	48.9	5[illegible].5	51.2	51.4	51.8	51.9	51.9	52.1	52.2	52.2	52.4	52.4	52.4	52.5
[illegible]	36.5	47.7	49.1	5[illegible].7	51.5	51.6	52.0	52.2	52.2	52.3	52.4	52.4	52.6	52.7	52.7	52.8
[illegible]	37.3	49.4	50.[illegible]	52.5	53.3	53.4	53.8	54.[illegible]	54.[illegible]	54.1	54.2	54.2	54.4	54.5	54.5	54.6
[illegible]	3[illegible].9	52.1	53.7	55.5	56.4	56.6	57.0	57.2	57.2	57.4	57.4	57.4	57.7	57.7	57.7	57.9
[illegible]	40.8	55.8	57.6	59.6	6[illegible].5	60.8	61.2	[illegible]1.4	61.4	61.6	61.7	61.7	61.9	61.9	62.0	62.1
[illegible]	41.4	57.0	58.8	60.9	61.9	62.1	62.6	62.7	62.8	63.[illegible]	63.[illegible]	63.[illegible]	63.3	63.3	63.3	63.5
[illegible]	42.[illegible]	59.7	61.6	63.9	65.1	65.3	65.9	66.0	66.0	66.3	56.4	66.4	66.6	66.6	66.6	66.8
[illegible]	43.7	61.7	63.6	66.[illegible]	67.2	67.5	68.0	66.2	68.2	66.5	68.6	68.[illegible]	65.8	66.8	68.8	69.1
[illegible]	44.7	63.7	65.7	68.2	69.4	69.7	70.3	70.5	70.5	70.7	70.8	70.8	71.1	71.1	71.1	71.3
[illegible]	45.5	65.6	67.7	70.2	71.5	71.8	72.4	72.7	72.7	72.9	73.0	73.0	73.3	73.3	73.3	73.5
[illegible]	46.5	67.2	69.4	72.0	73.3	73.7	74.3	74.5	74.5	74.8	74.9	74.9	75.1	75.1	75.2	75.4
[illegible]	48.1	70.0	72.4	75.1	76.6	77.0	77.9	78.1	78.2	78.4	78.5	78.5	78.8	78.8	78.8	79.[illegible]
[illegible]	49.1	71.4	73.9	76.8	78.3	79.7	79.6	79.9	79.9	80.2	80.3	80.3	80.5	80.5	80.6	80.8
[illegible]	49.9	73.1	75.8	78.8	8[illegible].5	80.9	81.8	82.2	82.2	82.5	82.6	82.6	82.9	82.9	82.9	83.2
[illegible]	50.2	73.8	76.6	79.8	81.6	82.0	83.1	83.5	83.5	83.8	84.[illegible]	84.[illegible]	84.3	84.3	84.3	84.6
[illegible]	50.4	74.6	77.6	80.9	82.8	83.3	84.3	84.8	84.9	85.2	85.4	85.4	85.7	85.7	85.7	86.0
[illegible]	50.4	74.8	77.7	81.1	83.1	83.6	84.6	85.1	85.2	85.5	85.7	85.7	86.0	86.1	86.1	86.3
[illegible]	50.6	75.0	78.1	81.7	83.8	84.4	85.6	86.2	86.2	86.7	86.9	86.9	87.2	87.2	87.3	87.5
[illegible]	50.6	75.3	78.5	82.2	84.4	85.1	86.4	87.0	87.0	87.5	87.7	87.8	88.1	88.2	88.2	88.4
[illegible]	50.8	75.6	79.[illegible]	82.7	85.1	85.6	87.4	88.[illegible]	88.1	89.0	89.3	89.3	89.7	89.8	89.8	90.0
[illegible]	50.8	75.5	79.2	83.0	85.4	86.2	87.8	88.6	88.7	89.6	89.9	89.9	90.3	90.4	90.4	90.6
[illegible]	50.8	76.0	79.5	83.4	85.9	86.7	88.4	89.3	89.4	90.3	90.6	90.7	91.2	91.2	91.3	91.5
[illegible]	50.9	76.2	79.7	83.7	86.3	87.2	89.1	90.1	90.3	91.3	91.7	91.7	92.3	92.3	92.4	92.7
[illegible]	50.9	76.4	80.0	84.1	86.9	87.8	90.0	91.1	91.3	92.5	92.9	92.9	93.7	93.8	94.0	94.2
[illegible]	50.8	76.4	80.0	84.3	87.2	88.2	90.6	91.8	92.0	93.5	94.0	94.1	95.1	95.2	95.6	95.9
[illegible]	50.8	76.4	80.1	84.3	87.2	88.5	90.9	92.2	92.4	94.0	94.5	94.7	95.8	96.0	96.4	96.5
[illegible]	50.9	76.4	80.1	84.3	87.3	88.5	91.0	92.4	92.6	94.5	95.2	95.4	96.6	96.8	97.4	97.8
[illegible]	50.8	76.4	80.1	84.3	87.3	88.5	91.1	92.5	92.8	94.7	95.6	95.8	97.2	97.5	98.2	98.8
[illegible]	50.8	76.4	80.1	84.3	87.3	88.5	91.1	92.5	92.8	94.8	95.7	95.9	97.4	97.7	98.4	99.2
[illegible]	50.8	76.4	80.1	84.3	87.3	88.5	91.1	92.5	92.8	94.8	95.7	95.9	97.4	97.7	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 6791

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7640 57 PHILLIPS/ABERDEEN MD 46-57 MA

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2200

VISIBILITY STATUTE MILES

CEILING FEET	26	25	24	23	22	21	20	19	18	17	16	15	14	13
30.8	48.8	49.4	50.2	50.8	50.8	50.8	50.8	50.8	50.9	50.9	50.9	50.9	50.9	50.9
41.3	51.5	52.0	52.9	53.4	53.4	53.4	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5
41.8	51.5	52.0	52.9	53.4	53.4	53.4	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5
41.3	51.8	52.4	53.2	53.8	53.8	53.8	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9
43.7	53.1	53.7	54.5	55.1	55.1	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2
44.3	55.3	55.9	56.7	57.2	57.2	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3
46.9	58.6	59.2	60.2	60.8	60.8	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9
48.2	60.1	60.8	61.7	62.3	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4
49.0	61.8	62.5	63.5	64.1	64.2	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3
50.4	64.1	64.8	65.9	66.5	66.6	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7
53.0	67.7	68.6	69.7	70.2	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4
54.4	70.6	71.6	72.7	73.2	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4
54.7	71.8	72.9	74.0	74.5	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8
55.5	73.4	74.6	75.9	76.5	76.8	76.8	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.3
55.7	74.7	76.1	77.4	78.0	78.3	78.3	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.8
56.7	77.0	78.8	81.1	82.6	81.0	81.2	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.7
56.8	78.3	80.1	81.8	82.4	82.7	82.9	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.4
56.9	79.6	81.4	83.4	84.0	84.3	84.5	84.6	84.8	84.9	84.9	84.9	84.9	84.9	85.1
56.9	79.6	81.5	83.5	84.1	84.4	84.6	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.2
57.0	79.9	81.9	84.0	84.5	84.8	85.1	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.6
57.1	81.4	82.5	85.1	85.9	86.5	86.7	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.2
57.1	81.0	83.0	86.2	87.5	88.2	88.4	88.7	88.7	88.9	88.9	88.9	89.2	89.2	89.6
57.1	81.3	83.4	86.9	88.2	88.9	89.1	89.5	89.5	89.7	89.7	89.7	90.0	90.0	90.3
57.1	81.3	83.4	87.1	88.5	89.2	89.5	89.8	89.8	90.3	90.3	90.3	90.6	90.6	90.9
57.1	81.5	83.9	87.7	89.6	90.3	91.0	91.3	91.3	91.9	91.9	91.9	92.3	92.3	92.6
57.1	81.6	84.0	87.8	90.0	90.9	91.8	92.4	92.5	93.1	93.1	93.1	93.4	93.4	93.7
57.1	81.7	84.1	88.0	90.1	91.2	92.5	93.2	93.3	94.5	94.5	94.5	95.1	95.1	95.3
57.1	81.7	84.1	88.0	90.2	91.3	92.9	93.6	93.9	95.3	95.4	95.4	95.9	96.0	96.2
57.1	81.7	84.1	88.0	90.2	91.3	92.9	93.9	94.1	95.6	95.7	95.8	96.7	96.8	97.3
57.1	81.7	84.1	88.0	90.2	91.3	92.9	93.9	94.1	95.6	95.8	95.9	96.8	96.9	97.5
57.1	81.7	84.1	88.3	90.5	91.6	93.2	94.2	94.4	95.9	96.1	96.2	97.1	97.2	98.2
57.1	81.7	84.1	88.3	90.5	91.6	93.2	94.2	94.4	95.9	96.1	96.2	97.1	97.2	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 936

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

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724 57 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) MA (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1700-2000

VISIBILITY (STATUTE MILES)

CEILING (FEET)	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥	≥	≥	≥	≥	≥	≥	≥	≥
[illegible]	38.4	47.8	4 .7	49.6	50.8	50.8	50.9	50.9	50.9	51.2	51.2	51.2	51.5	51.5	51.7	51.8
[illegible]	4 .2	50.2	51.7	52.6	53.8	53.8	53.9	53.9	53.9	54.2	54.2	54.2	54.5	54.5	54.7	54.8
[illegible]	40.2	51.0	51.9	52.9	53.9	53.9	54.0	54.0	54.0	54.3	54.3	54.3	54.6	54.6	54.8	54.9
[illegible]	40.6	51.4	52.3	53.3	54.3	54.3	54.4	54.4	54.4	54.7	54.7	54.7	55.1	55.1	55.3	55.4
[illegible]	41.7	53.1	54.	55.1	56.0	56.0	56.1	56.1	56.1	56.5	56.5	56.5	56.8	56.8	57.	57.1
[illegible]	42.7	54.8	55.7	56.9	57.8	57.8	58.0	58.0	58.0	58.3	58.3	58.3	58.6	58.6	58.8	58.9
[illegible]	43.4	57.0	58.0	59.1	60.1	60.1	60.2	60.2	60.2	60.5	60.5	60.5	60.9	60.9	61.1	61.2
[illegible]	44.4	59.0	59.9	60.1	61.1	61.1	61.2	61.2	61.2	61.5	61.5	61.5	61.8	61.8	62.0	62.2
[illegible]	46.0	61.2	61.2	62.4	63.3	63.3	63.5	63.7	63.7	64.	64.0	64.0	64.3	64.3	64.5	64.6
[illegible]	46.9	61.9	62.9	64.1	65.1	65.1	65.3	65.4	65.4	65.7	65.7	65.7	66.0	66.0	66.2	66.3
[illegible]	4 .5	64.2	65.6	66.8	67.7	67.7	68.0	68.1	68.1	68.4	68.4	68.4	68.7	68.7	68.9	69.0
[illegible]	49.3	65.6	67.1	68.3	69.6	69.6	69.8	69.9	69.9	70.2	70.2	70.2	70.5	70.5	70.8	70.9
[illegible]	49.9	67.4	68.9	70.2	71.5	71.5	71.7	71.8	71.8	72.2	72.2	72.2	72.5	72.5	72.7	72.8
[illegible]	51.3	68.9	71.5	72.3	73.7	73.7	73.9	74.1	74.1	74.4	74.4	74.4	74.7	74.7	74.9	75.1
[illegible]	51.5	71.2	73.7	74.9	76.3	76.3	76.6	76.8	76.8	77.1	77.1	77.1	77.4	77.4	77.6	77.7
[illegible]	52.5	73.8	76.5	77.8	79.2	79.2	79.7	79.9	79.9	80.2	80.2	80.2	80.5	80.5	80.8	80.9
[illegible]	52.6	74.5	77.5	79.0	80.4	80.4	80.9	81.1	81.1	81.5	81.5	81.5	81.8	81.8	82.0	82.2
[illegible]	52.7	76.1	79.2	81.0	82.4	82.4	82.8	83.0	83.0	83.4	83.4	83.4	83.8	83.8	84.0	84.1
[illegible]	52.7	76.5	79.6	81.3	82.7	82.7	83.1	83.3	83.3	83.8	83.8	83.8	84.1	84.1	84.3	84.4
[illegible]	52.7	77.0	80.1	81.9	83.3	83.4	83.9	84.1	84.1	84.5	84.5	84.5	84.9	84.9	85.2	85.3
[illegible]	52.7	77.3	81.0	83.2	84.8	85.1	85.7	86.0	86.0	86.5	86.5	86.5	86.9	86.9	87.1	87.2
[illegible]	52.7	77.6	81.3	83.9	86.1	86.5	87.2	87.7	87.7	88.3	88.3	88.3	88.7	88.7	89.0	89.1
[illegible]	52.7	77.6	81.7	84.0	86.2	86.6	87.3	87.8	87.8	88.5	88.5	88.5	88.9	88.9	89.2	89.4
[illegible]	52.7	77.6	81.3	84.3	86.8	87.1	88.0	88.6	88.6	89.4	89.4	89.4	89.8	89.8	90.1	90.3
[illegible]	52.7	77.7	81.5	84.5	87.1	87.4	88.5	89.1	89.1	89.9	89.9	89.9	90.3	90.3	90.6	90.9
[illegible]	52.7	78.0	81.7	84.9	87.6	88.1	89.5	90.1	90.1	91.0	91.0	91.0	91.4	91.6	92.0	92.3
[illegible]	52.7	78.0	81.7	85.2	88.1	88.7	90.5	91.2	91.2	92.0	92.0	92.0	92.6	92.8	93.4	93.7
[illegible]	52.7	78.0	81.7	85.4	88.7	89.5	91.8	92.5	92.5	93.4	93.7	93.7	94.5	94.7	95.4	95.6
[illegible]	52.7	78.0	81.7	85.4	88.7	89.5	91.8	92.6	92.6	93.9	94.1	94.1	95.2	95.5	96.3	96.6
[illegible]	52.7	78.0	81.7	85.6	88.9	89.7	92.3	93.0	93.0	94.3	94.5	94.5	95.6	95.9	97.2	97.7
	52.7	78.0	81.7	85.7	89.0	89.8	92.4	93.1	93.1	94.4	94.6	94.6	96.0	96.3	98.1	98.9
	52.7	78.0	81.7	85.7	89.0	89.8	92.4	93.1	93.1	94.4	94.6	94.6	96.0	96.3	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 45-57 (YEAR) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	30	26	25	24	23	22	21	20	19	18	17	16	15	14	13	10
20000	42.2	42.3	43.0	44.8	45.5	45.9	46.5	46.5	46.5	46.7	46.7	46.7	46.8	46.8	46.9	47.4
	34.4	45.3	47.0	48.4	49.1	49.6	50.2	50.3	50.7	50.5	50.5	50.5	50.6	50.6	50.9	51.4
15000	34.5	45.4	47.2	48.6	49.5	50.0	50.6	50.8	50.9	51.0	51.0	51.0	51.1	51.1	51.3	51.8
	34.3	45.8	47.6	49.0	49.9	50.4	51.1	51.2	51.2	51.4	51.4	51.4	51.5	51.5	51.5	52.4
10000	36.2	48.3	50.2	51.7	52.6	53.1	53.9	54.0	54.0	54.2	54.2	54.2	54.3	54.3	54.6	55.2
	37.1	50.0	52.0	53.5	54.6	55.2	56.0	56.2	56.2	56.5	56.5	56.5	56.6	56.6	56.9	57.4
7000	38.3	52.4	54.7	56.2	57.3	57.8	58.7	58.9	58.9	59.1	59.1	59.1	59.2	59.2	59.6	60.1
	38.3	53.5	55.9	57.4	59.5	59.0	59.9	60.1	60.1	60.3	60.3	60.3	60.4	60.4	60.8	61.3
5000	39.7	55.7	58.1	59.6	60.9	61.4	62.4	62.6	62.6	62.8	62.8	62.8	62.9	62.9	63.2	63.8
	40.3	57.2	59.8	61.4	62.7	63.2	64.2	64.4	64.4	64.6	64.6	64.6	64.7	64.7	65.1	65.7
3000	42.1	59.1	61.9	63.5	64.8	65.4	66.5	66.7	66.7	66.9	66.9	66.9	67.0	67.0	67.3	68.0
	43.2	60.5	63.3	65.1	66.3	66.9	68.1	68.3	68.3	68.6	68.6	68.6	68.7	68.7	69.0	69.7
2000	43.8	61.4	64.2	65.9	67.3	67.8	69.0	69.4	69.4	69.7	69.7	69.7	69.8	69.8	70.1	70.8
	45.3	63.4	66.5	68.5	70.0	70.5	71.8	72.2	72.2	72.5	72.5	72.5	72.6	72.6	72.9	73.5
1500	45.8	64.2	67.3	69.5	71.2	71.7	73.3	73.7	73.7	74.0	74.1	74.1	74.2	74.2	74.5	75.2
	46.9	65.9	69.1	71.5	73.7	74.2	75.8	76.1	76.1	76.5	76.6	76.6	76.7	76.7	77.0	77.7
1000	47.4	66.9	70.4	72.8	75.5	76.1	77.7	78.2	78.2	78.6	78.7	78.7	78.9	78.9	79.2	80.0
	47.6	68.0	72.2	74.7	77.5	78.2	80.0	80.6	80.6	81.1	81.2	81.2	81.4	81.4	81.7	82.5
900	47.6	68.2	72.4	74.9	77.7	78.4	80.2	80.9	80.9	81.3	81.4	81.4	81.6	81.6	81.9	82.7
	47.7	68.6	72.9	75.5	78.5	79.1	81.1	81.7	81.7	82.2	82.3	82.3	82.6	82.6	82.9	83.7
800	47.7	69.1	73.5	76.1	79.1	79.9	82.2	82.9	82.9	83.3	83.4	83.4	83.9	83.9	84.1	84.8
	47.8	69.5	74.3	77.0	80.3	81.2	83.5	84.5	84.5	85.2	85.3	85.3	85.9	85.9	86.2	87.2
700	47.8	69.6	74.4	77.1	80.4	81.5	84.3	85.4	85.4	86.2	86.3	86.3	87.0	87.0	87.3	88.1
	47.8	69.8	74.7	77.7	81.1	82.5	85.5	86.7	86.7	88.1	88.1	88.1	88.7	88.7	89.2	90.1
600	47.8	69.9	75.1	78.3	81.6	83.1	86.5	87.7	87.7	89.6	89.9	89.9	90.5	90.5	91.1	91.9
	47.8	69.9	75.2	78.6	82.2	83.8	87.2	88.5	88.5	90.4	90.8	90.8	91.4	91.4	91.9	92.8
500	47.8	70.3	75.7	79.4	83.3	84.9	88.6	90.1	90.1	92.5	92.9	92.9	93.8	93.8	94.3	95.2
	47.8	70.3	75.7	79.4	83.7	85.6	89.2	90.8	90.9	93.2	93.8	93.8	94.6	94.6	95.2	96.1
400	47.8	70.4	76.1	79.8	84.2	86.1	89.9	91.4	91.6	94.2	94.9	94.9	95.9	95.9	96.7	97.7
	47.8	70.4	76.3	79.8	84.2	86.1	89.9	91.4	91.6	94.3	95.1	95.1	96.0	96.1	97.2	98.9
300	47.8	70.4	76.0	79.8	84.2	86.1	89.9	91.4	91.6	94.3	95.1	95.1	96.1	96.2	97.5	99.6
	47.8	70.4	76.0	79.8	84.2	86.1	89.9	91.4	91.6	94.3	95.1	95.1	96.1	96.2	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724057 PHILLIPS/ABERDEEN MD 46-57 MAR
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0	≥5/8	≥½	≥¼
	34.1	41.4	42.3	42.6	42.7	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
	33.3	46.9	47.8	48.4	48.6	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
	36.7	47.5	48.5	49.0	49.2	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
	38.9	48.0	48.9	49.5	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
	40.9	50.3	51.3	51.6	52.0	52.0	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
	42.7	52.7	53.8	54.4	54.8	54.8	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
	43.2	54.1	55.2	56.0	56.5	56.5	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
	43.4	54.7	55.9	56.8	57.2	57.2	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
	44.5	56.2	57.5	58.8	59.4	59.5	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
	45.2	57.4	58.7	60.0	60.5	60.6	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
	45.8	58.3	59.6	61.1	61.6	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
	47.4	60.8	62.0	63.7	64.3	64.4	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
	48.2	61.7	63.0	64.6	65.3	65.4	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
	52.0	66.6	68.0	69.7	70.4	70.5	71.2	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4
	54.3	69.2	70.6	72.5	73.2	73.3	74.0	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2
	55.6	70.9	72.5	74.5	75.3	75.4	76.0	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2
	57.0	72.6	74.8	77.0	77.7	77.8	78.5	78.6	78.6	78.9	78.9	78.9	79.1	79.1	79.1	79.1
	57.3	73.5	76.2	78.7	79.7	79.9	80.5	80.8	80.8	81.1	81.1	81.1	81.3	81.3	81.3	81.3
	57.3	73.5	76.5	78.9	79.9	80.1	80.8	81.0	81.0	81.3	81.3	81.3	81.5	81.5	81.5	81.5
	57.4	74.1	77.5	80.3	81.3	81.5	82.4	82.6	82.6	82.9	82.9	82.9	83.1	83.1	83.1	83.1
	57.5	75.1	78.7	82.0	83.1	83.3	84.3	84.6	84.6	84.9	84.9	84.9	85.3	85.3	85.3	85.3
	57.8	75.9	79.9	83.8	85.2	85.4	86.7	87.2	87.3	87.8	87.8	87.8	88.3	88.3	88.3	88.3
	57.8	76.2	80.4	84.4	85.8	86.0	87.6	88.2	88.3	88.8	88.8	88.8	89.2	89.2	89.2	89.2
	58.0	76.6	80.8	85.4	87.2	87.4	89.2	90.1	90.2	90.9	90.9	90.9	91.3	91.3	91.3	91.3
	58.0	77.1	81.3	86.1	88.2	88.5	90.9	91.7	91.8	92.7	92.8	92.8	93.2	93.2	93.2	93.2
	58.0	77.1	81.4	86.6	88.8	89.4	92.0	93.1	93.4	94.5	94.8	94.8	95.3	95.3	95.3	95.3
	58.1	77.2	81.5	86.9	89.1	89.8	92.8	94.4	94.7	96.2	96.7	96.8	97.2	97.2	97.2	97.2
	58.1	77.2	81.5	86.9	89.1	89.9	93.0	94.9	95.3	97.0	97.5	97.7	98.2	98.3	98.3	98.3
	58.1	77.3	81.6	87.0	89.4	90.1	93.5	95.5	95.8	97.6	98.3	98.5	98.9	99.0	99.0	99.0
	58.1	77.3	81.6	87.0	89.4	90.1	93.5	95.5	95.8	97.7	98.6	98.9	99.6	99.7	99.9	100.0
	58.1	77.3	81.6	87.0	89.4	90.1	93.5	95.5	95.8	97.7	98.6	98.9	99.6	99.7	99.9	100.0
	58.1	77.3	81.6	87.0	89.4	90.1	93.5	95.5	95.8	97.7	98.6	98.9	99.6	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 936

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724157 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 46-57 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	36.8	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
≥20000	44.5	47.5	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥18000	45.3	48.4	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥15000	45.3	48.5	48.7	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥12000	46.6	49.9	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥10000	46.1	51.6	51.8	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥9000	49.8	53.8	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥8000	50.2	54.5	54.7	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥7000	51.3	56.6	56.9	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥6500	52.2	57.6	58.2	58.9	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥6000	53.5	59.2	59.7	60.6	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥5000	54.9	61.4	62.0	63.0	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥4500	56.2	62.9	63.5	64.5	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥4000	62.4	69.2	70.0	71.1	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥3500	64.8	72.2	72.9	74.0	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥3000	66.5	74.6	75.7	77.1	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥2500	68.4	77.4	78.6	80.1	80.8	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥2000	69.5	78.9	80.2	81.7	82.4	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥1800	69.7	79.2	80.6	82.4	83.0	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥1500	70.0	80.2	81.7	83.7	84.4	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥1200	70.1	81.0	82.9	85.3	86.6	86.8	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3
≥1000	70.1	82.2	84.3	87.0	88.5	88.7	89.2	89.5	89.5	89.7	89.7	89.7	89.8	89.8	89.8
≥900	70.2	82.6	84.7	87.4	88.9	89.1	89.9	90.1	90.1	90.3	90.3	90.3	90.4	90.4	90.4
≥800	70.4	82.9	85.3	88.3	89.8	90.2	91.0	91.4	91.4	91.6	91.6	91.6	91.8	91.8	91.8
≥700	70.6	83.2	85.6	89.1	90.6	91.3	92.5	93.1	93.1	93.5	93.5	93.5	93.9	93.9	93.9
≥600	70.6	83.3	85.7	89.5	91.2	91.8	93.7	94.4	94.5	95.1	95.1	95.1	95.5	95.5	95.5
≥500	70.8	83.4	85.9	89.8	91.5	92.2	94.3	95.2	95.3	96.0	96.3	96.3	96.9	96.9	96.9
≥400	70.8	83.5	86.3	89.9	91.6	92.3	94.4	95.3	95.4	96.3	97.0	97.0	97.5	97.5	97.5
≥300	70.8	83.5	86.0	89.9	91.7	92.7	95.2	96.0	96.1	97.1	98.0	98.1	99.0	99.0	99.1
≥200	70.8	83.5	86.0	89.9	91.7	92.7	95.2	96.0	96.1	97.1	98.1	98.3	99.5	99.5	99.6
≥100	70.8	83.5	86.0	89.9	91.7	92.7	95.2	96.0	96.1	97.2	98.2	98.4	99.6	99.6	99.7
≥0	70.8	83.5	86.0	89.9	91.7	92.7	95.2	96.0	96.1	97.2	98.2	98.4	99.6	99.6	99.7

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724157 PHILLIPS/ABERDEEN MD 46-57 MAY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	6	5	4	3	2½	2	1½	1¼	1	¾	½	⅜	¼	0
NO CEILING	39.6	41.3	41.3	41.3	41.3	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 20000	46.7	49.7	49.7	49.7	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 18000	47.2	50.2	50.2	50.3	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 15000	47.2	50.3	50.4	50.5	50.5	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 14000	47.7	50.9	51.0	51.1	51.1	51.1	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 12000	51.0	54.2	54.3	54.4	54.4	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 11000	52.9	57.2	57.4	57.5	57.5	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 9000	53.3	58.3	58.5	58.6	58.6	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 8000	54.4	59.8	60.0	60.1	60.1	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 7000	56.0	61.8	62.0	62.4	62.4	62.4	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 6000	57.2	63.8	64.0	64.3	64.3	64.3	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 5000	59.5	67.0	67.2	67.7	68.0	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 4500	60.5	68.3	68.5	69.0	69.2	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 4000	65.2	73.8	74.1	74.6	74.8	74.9	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 3500	66.2	75.[illegible]	75.5	76.0	76.2	76.3	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 3000	68.8	78.7	79.5	80.3	80.8	81.0	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 2500	70.2	81.2	82.3	83.7	84.1	84.4	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 2000	71.1	82.2	83.4	84.8	8[illegible].4	85.7	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 1800	71.3	82.6	83.9	85.3	85.8	86.1	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 1500	71.4	83.0	84.4	86.0	86.6	86.9	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1200	71.6	84.0	85.6	87.6	88.6	88.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1000	71.8	84.3	86.1	88.7	89.8	90.1	91.5	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 900	72.0	84.7	86.8	89.4	90.6	91.0	92.6	93.0	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2
≥ 800	72.0	84.9	87.0	89.7	91.1	91.4	93.1	93.7	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1
≥ 700	72.0	85.1	87.2	89.9	91.4	91.8	94.3	95.3	95.6	95.7	95.8	95.8	96.0	96.0	96.0	96.0
≥ 600	72.0	85.1	87.2	90.0	91.5	92.0	94.5	95.5	95.8	95.9	96.1	96.1	96.3	96.3	96.3	96.3
≥ 500	72.0	85.1	87.2	90.1	91.6	92.5	94.9	95.9	96.2	96.7	97.3	97.4	97.7	97.7	98.0	98.0
≥ 400	72.0	85.1	87.2	90.1	91.6	92.5	94.9	96.1	96.5	96.9	97.5	97.7	98.1	98.1	98.3	98.3
≥ 300	72.0	85.1	87.2	90.1	91.6	92.6	95.1	96.2	96.6	97.1	98.0	98.4	98.8	98.8	99.1	99.1
≥ 200	72.0	85.1	87.2	90.1	91.6	92.6	95.1	96.2	96.6	97.1	98.1	98.6	99.1	99.1	99.5	99.7
≥ 100	72.0	85.1	87.2	90.1	91.6	92.6	95.1	96.2	96.6	97.1	98.1	98.6	99.1	99.1	99.8	100.0
0	72.0	85.1	87.2	90.1	91.6	92.6	95.1	96.2	96.6	97.1	98.1	98.6	99.1	99.1	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 45-57 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥30	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
30000	44.5	50.2	50.3	50.4	50.5	50.6	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
25000	49.1	55.7	55.8	55.9	56.0	56.1	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
20000	49.6	56.2	56.3	56.5	56.6	56.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
15000	49.8	56.3	56.5	56.6	56.7	56.8	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
10000	50.5	57.6	57.7	57.8	59.0	58.1	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
9000	52.5	61.5	60.6	60.8	61.0	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
8000	54.3	63.5	63.7	63.6	64.0	64.1	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
7000	54.6	64.0	64.1	64.2	64.4	64.5	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
6000	55.6	65.9	66.0	66.1	66.3	66.6	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
5000	56.3	66.9	67.1	67.4	67.6	68.1	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
4500	59.0	70.6	71.0	71.5	71.7	72.0	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
4000	60.0	72.3	72.8	73.4	73.7	74.0	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
3500	60.4	72.9	73.4	74.1	74.3	74.6	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
3000	62.3	77.3	77.8	78.5	78.7	79.1	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
2500	63.7	79.0	79.6	80.2	80.4	80.9	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
2000	64.6	80.6	81.3	81.9	82.5	82.9	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
1800	65.5	82.2	82.9	83.8	84.4	84.8	85.7	85.8	85.8	86.1	86.2	86.2	86.2	86.2	86.2	86.2
1500	65.6	82.7	83.8	84.6	85.4	85.8	86.9	87.1	87.1	87.4	87.6	87.6	87.6	87.6	87.6	87.6
1200	65.6	82.8	83.9	84.7	85.5	85.9	87.0	87.2	87.2	87.5	87.7	87.7	87.7	87.7	87.7	87.7
1000	65.6	82.9	84.0	84.9	85.8	86.2	87.3	87.5	87.5	87.8	88.1	88.1	88.1	88.1	88.1	88.1
900	65.6	83.2	84.5	85.6	86.6	87.0	88.2	88.4	88.4	88.7	88.9	88.9	88.9	88.9	88.9	88.9
800	65.6	83.2	84.7	86.1	87.5	88.0	89.6	89.8	89.9	90.3	90.5	90.5	90.5	90.5	90.5	90.5
700	65.7	83.7	85.3	86.7	88.2	88.9	90.5	90.8	90.9	91.4	91.6	91.6	91.6	91.6	91.6	91.6
600	65.7	83.7	85.3	86.7	88.2	88.9	90.6	90.5	91.3	92.0	92.4	92.4	92.5	92.5	92.5	92.5
500	65.7	84.0	85.6	87.1	88.9	89.7	91.4	91.7	92.3	93.2	93.5	93.7	93.9	93.9	93.9	93.9
400	65.7	84.1	85.7	87.2	89.0	89.8	91.6	92.0	92.8	93.8	94.1	94.2	94.6	94.6	94.6	94.6
300	65.7	84.3	86.0	87.6	90.0	90.9	93.0	93.5	94.4	95.8	96.2	96.3	96.9	96.9	97.2	97.2
200	65.7	84.4	86.1	87.7	90.2	91.1	93.2	93.8	94.6	96.2	96.7	96.8	97.3	97.3	97.6	97.6
100	65.7	84.4	86.1	87.8	90.3	91.2	93.4	94.1	94.9	96.7	97.4	97.5	98.3	98.3	98.6	98.6
50	65.7	84.4	86.1	87.8	90.3	91.2	93.4	94.1	94.9	96.7	97.5	97.6	98.6	98.6	98.9	99.0
0	65.7	84.4	86.1	87.8	90.3	91.2	93.4	94.1	94.9	96.7	97.5	97.6	98.6	98.7	99.0	99.6
	65.7	84.4	86.1	87.8	90.4	91.3	93.5	94.2	95.1	96.8	97.6	97.7	98.7	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 936

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724057 PHILLIPS/ABERDEEN MD 46-57 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

CEILING (FEET)	30	26	20	24	[illegible]	[illegible]	[illegible]	2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	25.5	[illegible]	[illegible]
[illegible]	43.4	51.3	51.9	52.3	52.8	52.9	53.1	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.3
[illegible]	46.3	55.2	55.8	56.1	56.7	56.8	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.2
2000	46.5	55.5	56.1	56.5	57.0	57.1	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.5
2500	46.5	55.6	56.2	56.6	57.1	57.2	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.6
3000	47.5	56.7	57.3	57.6	58.2	58.3	58.5	58.5	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.8
[illegible]	49.2	59.4	60.0	60.3	60.9	61.0	61.2	61.2	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.5
[illegible]	51.7	63.3	64.0	64.3	64.8	64.9	65.2	65.2	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.5
[illegible]	52.3	64.2	64.8	65.2	65.7	65.8	66.0	66.0	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.3
[illegible]	53.3	66.0	66.8	67.1	67.6	67.7	68.0	68.0	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.3
[illegible]	54.4	67.7	68.5	69.0	69.6	69.7	69.9	69.9	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.2
5000	56.5	71.0	71.7	72.3	72.8	72.9	73.1	73.1	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.4
[illegible]	57.0	72.5	73.4	74.0	74.5	74.6	74.8	74.8	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.2
[illegible]	57.4	73.3	74.5	75.1	75.6	75.7	75.9	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.2
[illegible]	59.4	76.2	77.5	78.2	78.7	78.8	79.0	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.4
[illegible]	60.0	78.0	79.4	80.0	80.6	80.8	81.0	81.0	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.3
[illegible]	60.8	79.9	81.5	82.3	82.9	83.0	83.5	83.5	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.9
[illegible]	60.9	80.6	82.7	84.0	84.6	84.7	85.4	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.8
[illegible]	60.9	81.0	83.0	84.4	85.2	85.3	86.0	86.3	86.3	86.6	86.6	86.6	86.8	86.8	86.8	86.9
[illegible]	60.9	81.1	83.1	84.5	85.3	85.4	86.1	86.5	86.5	86.7	86.7	86.7	86.9	86.9	86.9	87.0
[illegible]	61.0	81.3	83.4	84.9	85.8	85.9	86.7	87.1	87.1	87.3	87.3	87.3	87.5	87.5	87.5	87.6
[illegible]	61.1	81.4	84.2	85.8	86.7	86.9	87.6	88.1	88.1	88.3	88.3	88.3	88.5	88.5	88.5	88.6
[illegible]	61.0	82.0	85.2	86.9	88.2	88.4	89.5	90.0	90.0	90.5	90.5	90.5	91.0	91.0	91.0	91.1
[illegible]	61.0	82.2	85.3	87.0	88.3	88.5	89.7	90.2	90.2	90.8	90.8	90.8	91.2	91.2	91.2	91.3
[illegible]	61.1	82.4	85.7	87.6	88.9	89.5	90.8	91.3	91.3	92.2	92.2	92.2	92.6	92.6	92.6	92.7
[illegible]	61.0	82.4	85.7	87.6	89.0	89.6	91.1	91.6	91.6	92.5	92.5	92.5	92.9	92.9	92.9	93.0
[illegible]	61.0	82.5	85.9	88.0	89.4	90.1	91.7	92.4	92.5	93.3	93.3	93.3	93.9	93.9	93.9	94.0
[illegible]	61.1	82.5	85.9	88.0	89.6	90.5	93.0	93.8	94.0	95.2	95.2	95.2	95.7	95.7	95.8	95.9
[illegible]	61.0	82.6	86.0	88.1	89.9	90.9	93.5	94.8	95.1	96.3	96.5	96.5	97.0	97.0	97.1	97.0
[illegible]	61.1	82.6	86.0	88.1	89.9	90.9	93.5	94.8	95.1	96.3	96.5	96.5	97.1	97.1	97.2	97.3
[illegible]	61.0	82.6	86.0	88.1	89.9	90.9	93.5	94.8	95.1	96.6	96.7	96.7	97.4	97.4	97.6	98.0
[illegible]	61.0	82.6	86.0	88.1	89.9	90.9	93.5	94.8	95.1	96.6	96.7	96.7	97.4	97.5	98.4	98.8
[illegible]	61.0	82.6	86.0	88.1	89.9	90.9	93.5	94.8	95.1	96.6	96.7	96.7	97.4	97.5	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 472

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72402 PHILLIPS/ABERDEEN MC 46-57 MA

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0	≥0	≥0	
≥20000	38.6	45.3	45.5	46.3	46.7	46.8	46.9	46.9	46.9	47.0	47.0	47.0	47.1	47.1	47.1	47.2
≥15000	42.7	50.3	50.9	51.5	51.9	52.[illegible]	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.4	52.5
≥10000	43.0	50.7	51.3	51.9	52.3	52.4	52.6	52.6	52.6	52.7	52.7	52.7	52.8	52.8	52.8	52.9
≥7000	43.1	51.[illegible]	51.6	52.2	52.6	52.7	52.9	52.9	52.9	53.0	53.0	53.0	53.1	53.1	53.1	53.2
≥5000	44.3	52.5	53.2	53.8	54.2	54.2	54.5	54.5	54.5	54.6	54.6	54.6	54.7	54.7	54.7	54.8
≥4000	45.2	54.6	55.5	56.1	56.6	56.7	57.0	57.[illegible]	57.[illegible]	57.1	57.1	57.1	57.2	57.2	57.2	57.3
≥3000	47.5	57.5	58.3	59.0	59.4	59.5	59.8	59.8	59.8	59.9	59.9	59.9	60.0	60.0	60.0	60.1
≥2500	48.1	58.4	59.2	59.9	60.4	60.5	60.7	60.8	60.8	60.9	60.9	60.9	60.9	60.9	61.0	61.1
≥2000	49.2	60.3	61.1	61.9	62.4	62.6	62.9	62.9	62.9	63.0	63.0	63.0	63.1	63.1	63.1	63.2
≥1500	50.3	61.6	62.7	63.6	64.2	64.3	64.7	64.7	64.7	64.8	64.8	64.8	64.9	64.9	64.9	65.0
≥1000	51.2	64.2	65.3	66.2	66.7	66.9	67.2	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.5	67.6
≥800	53.2	66.3	67.4	68.5	69.1	69.2	69.6	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.9	70.0
≥600	53.9	67.5	68.6	69.7	70.3	70.5	70.9	70.9	70.9	71.0	71.0	71.[illegible]	71.1	71.1	71.2	71.3
≥500	56.7	71.1	72.5	73.6	74.3	74.5	74.9	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.3	75.4
≥400	57.8	73.0	74.4	75.6	76.3	76.5	77.0	77.2	77.2	77.3	77.3	77.3	77.4	77.4	77.4	77.6
≥300	59.1	75.[illegible]	76.9	78.2	79.1	79.3	79.9	80.1	80.1	80.2	80.2	80.2	80.3	80.3	80.3	80.5
≥200	59.8	76.7	78.7	80.3	81.2	81.5	82.2	82.3	82.3	82.6	82.6	82.6	82.7	82.7	82.7	82.9
≥150	60.2	77.7	79.9	81.7	82.7	83.[illegible]	83.8	84.0	84.0	84.2	84.3	84.3	84.4	84.4	84.4	84.6
≥100	60.2	77.9	80.2	81.9	83.0	83.3	84.0	84.3	84.3	84.5	84.5	84.5	84.7	84.7	84.7	84.9
≥80	60.3	78.4	80.9	82.7	83.8	84.1	84.9	85.1	85.1	85.4	85.4	85.4	85.6	85.6	85.6	85.8
≥60	60.4	78.9	81.6	83.8	85.2	85.5	86.5	86.6	86.9	87.[illegible]	87.1	87.1	87.2	87.2	87.3	87.4
≥50	60.5	79.5	82.4	84.9	86.6	87.0	88.2	88.7	88.7	89.1	89.1	89.1	89.4	89.4	89.5	89.7
≥40	60.6	79.7	82.7	85.3	87.1	87.6	88.9	89.4	89.4	89.9	89.9	89.9	90.2	90.2	90.3	90.4
≥30	60.6	79.9	82.9	85.6	87.7	88.3	89.7	90.3	90.4	91.[illegible]	91.1	91.1	91.4	91.4	91.6	91.7
≥20	60.6	80.1	83.2	86.3	88.3	89.0	90.7	91.5	91.6	92.4	92.5	92.5	92.9	92.9	93.0	93.2
≥15	60.6	80.2	83.3	86.6	88.7	89.5	91.0	92.3	92.5	93.4	93.5	93.5	94.0	94.0	94.2	94.3
≥10	60.6	80.3	83.5	86.9	89.2	90.1	92.0	93.4	93.7	94.9	95.1	95.2	95.7	95.8	96.0	96.2
≥7	60.6	80.3	83.5	86.9	89.4	90.4	92.9	94.0	94.2	95.6	96.0	96.1	96.6	96.7	96.9	97.1
≥5	60.6	80.4	83.6	87.0	89.5	90.5	93.2	94.3	94.6	96.1	96.6	96.7	97.5	97.6	97.9	98.1
≥3	60.6	80.4	83.6	87.0	89.5	90.6	93.2	94.4	94.7	96.2	96.8	96.9	97.8	97.9	98.4	98.9
≥1	60.6	80.4	83.6	87.1	89.6	90.6	93.3	94.4	94.7	96.2	96.9	97.0	97.9	98.1	98.9	99.4
0	60.6	80.4	83.6	87.1	89.6	90.6	93.3	94.4	94.7	96.3	96.9	97.0	98.0	98.1	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72[illegible]97 PHILLIPS/ABERDEEN MD 48-57 AP

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

	≥6															
37.2	46.8	48.6	49.0	49.7	49.4	49.6	49.9	49.9	49.9	49.9	49.9	49.9	49.9	50.1	50.2
41.[illegible]	51.8	53.6	54.1	54.4	54.6	54.7	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.3	55.3
41.[illegible]	51.9	53.7	54.2	54.6	54.7	54.8	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.3	55.4
41.[illegible]	51.9	53.7	54.2	54.6	54.7	54.8	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.3	55.4
42.6	53.1	54.9	55.4	55.8	55.9	56.[illegible]	56.3	56.7	56.3	56.3	56.3	56.7	56.3	56.6	56.7
44.2	55.4	57.7	58.4	58.9	59.0	59.1	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.7	59.8
46.4	59.2	61.[illegible]	62.1	62.6	62.7	62.8	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.3	63.4
47.7	60.6	62.7	63.8	64.2	64.4	64.6	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.1	65.2
50.3	65.4	67.3	68.6	69.2	69.4	69.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	71.1	71.2
51.3	67.4	69.4	70.9	71.4	71.7	71.8	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.3	72.4
52.1	69.6	71.6	73.0	73.7	73.9	74.[illegible]	74.3	74.3	74.3	74.3	74.3	74.3	74.[illegible]	74.6	74.7
52.9	71.2	73.2	74.8	75.7	75.9	76.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.6	76.7
53.3	72.4	74.4	76.[illegible]	76.9	77.1	77.2	77.[illegible]	77.6	77.6	77.6	77.6	77.6	77.6	77.8	77.9
54.6	74.2	76.2	77.9	79.[illegible]	79.2	79.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.1	80.2
54.9	75.6	77.8	79.6	80.8	81.0	81.4	81.6	81.8	81.9	81.9	81.8	81.8	81.8	82.[illegible]	82.1
55.1	76.8	79.3	81.1	82.4	82.7	83.2	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.8	83.9
55.3	78.4	81.7	83.8	85.6	85.8	86.4	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.1	87.2
55.7	79.4	82.7	85.2	87.1	87.3	88.0	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.7	88.8
55.[illegible]	79.6	82.8	85.4	87.3	87.6	88.2	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.9	89.[illegible]
55.9	80.3	83.9	86.8	88.8	89.0	89.7	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.3	90.4
56.0	80.9	84.9	87.7	89.8	90.0	90.9	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.6	91.7
56.1	81.2	85.3	88.2	90.6	90.8	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.6	92.7
56.1	81.4	85.6	88.4	90.9	91.1	92.2	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.9	93.[illegible]
56.2	82.1	86.3	89.2	91.8	92.0	93.3	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.3	94.4
56.2	82.1	86.3	89.2	91.8	92.4	94.0	94.8	94.8	94.9	94.9	94.9	94.9	94.9	95.1	95.2
56.2	82.2	86.4	89.3	92.1	92.8	94.9	95.7	95.7	95.8	95.8	95.8	95.8	95.8	96.0	96.1
56.2	82.2	86.4	89.3	92.4	93.1	95.4	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.6	96.7
56.2	82.2	86.4	89.3	92.6	93.6	96.1	96.9	96.9	97.1	97.1	97.1	97.2	97.2	97.4	97.6
56.2	82.2	86.4	89.3	92.6	93.7	96.9	97.7	97.7	97.9	97.9	98.0	98.2	98.2	98.4	98.6
56.2	82.2	86.4	89.3	92.6	93.7	96.9	97.7	97.7	98.0	98.0	98.1	98.4	98.4	98.8	99.[illegible]
56.2	82.2	86.4	89.3	92.6	93.7	96.9	97.7	97.7	98.0	98.0	98.1	98.6	98.6	99.1	99.4
56.2	82.2	86.4	89.3	92.6	93.7	96.9	97.7	97.7	98.0	98.0	98.1	98.6	98.6	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7-4-67 PHILLIPS/ABERDEEN, MD 4-7-67 AF

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

	70.4	41.1	43.5	44.6	45.6	45.7	46.1	46.3	46.4	46.6	46.6	46.6	46.9	46.9	47.0	47.1		
	33.4	46.3	49.3	50.3	51.3	51.4	51.9	52.1	52.2	52.3	52.4	52.4	52.8	52.8	52.9	53.0		
	33.4	46.6	49.6	50.6	51.6	51.7	52.1	52.3	52.4	52.6	52.7	52.7	53.0	53.0	53.1	53.2		
	33.7	46.9	49.9	50.9	51.9	52.0	52.4	52.7	52.8	52.9	53.0	53.0	53.3	53.3	53.4	53.6		
	33.7	47.3	50.6	51.6	52.7	52.8	53.2	53.4	53.6	53.7	53.9	53.9	54.1	54.1	54.2	54.3		
	34.2	49.6	51.8	52.8	54.0	54.2	54.7	54.9	55.0	55.1	55.2	55.2	55.6	55.6	55.7	55.8		
	36.2	51.6	55.1	56.3	57.6	57.9	58.3	58.6	58.7	58.8	58.9	58.9	59.2	59.2	59.3	59.4		
	37.1	53.2	56.3	58.4	59.3	59.6	60.1	60.3	60.4	60.6	60.7	60.7	61.0	61.0	61.1	61.2		
	39.8	56.6	6 .7	61.7	63.1	63.3	63.	64.2	64.3	64.4	64.6	64.6	64.9	64.9	65.	65.1		
	40.2	57.9	63.4	64.0	66.3	66.7	67.2	67.6	67.7	67.8	67.9	67.9	68.2	68.2	68.3	68.4		
	41.9	62.9	66.4	67.8	69.4	69.6	70.3	7 .7	7 .9	7 .9	71.	71.	71.3	71.3	71.4	71.6		
	43.4	64.8	68.4	69.9	71.7	72.0	72.7	73.0	73.1	73.2	73.3	73.3	73.7	73.7	73.8	73.9		
	43.5	65.1	68.8	7 .3	72.7	72.6	73.2	73.6	73.7	73.8	73.9	73.9	74.2	74.2	74.3	74.4		
	43.9	67.0	70.9	72.3	74.3	74.6	75.4	75.8	75.9	76.	76.1	76.1	76.4	76.4	76.6	76.7		
	44.4	6 .6	72.6	74.3	7 .7	77.1	77.9	78.2	7 .7	78.4	78.6	78.6	79.9	79.9	79.	79.1		
	44.2	69.9	74.1	75.6	78.4	78.9	79.7	80.0	80.1	80.2	80.3	80.3	80.7	80.7	80.8	80.9		
	45.1	7 .7	74.9	77.2	8 .1	8 .6	81.4	81.8	81.9	82.	82.1	82.1	82.4	82.4	82.6	82.7		
	45.2	71.6	76.2	79.4	82.2	82.7	83.6	83.9	84.0	84.1	84.2	84.2	84.6	84.6	84.7	84.9		
	45.2	71.7	76.2	79.3	82.8	83.	83.9	84.2	84.3	84.4	84.6	84.6	84.9	84.9	85.0	85.1		
	45.3	72.3	77.0	80.4	83.8	84.4	85.6	85.9	86.	86.1	86.2	86.2	86.6	86.6	86.7	86.8		
	45.4	73.1	79.0	81.7	85.0	85.7	86.9	87.1	87.2	87.3	87.4	87.4	87.8	87.8	87.9	88.		
	45.6	73.4	79.7	82.6	86.	87.0	88.3	88.7	88.8	88.	89.0	89.0	89.3	89.3	89.4	89.5		
	45.6	73.4	79.9	82.8	86.4	87.4	88.9	89.2	89.3	89.4	89.6	89.6	89.9	89.9	90.	90.1		
	45.6	73.4	79.0	83.0	86.9	88.0	89.8	90.1	90.2	90.3	90.4	90.4	90.8	90.8	90.9	91.		
	45.6	73.6	79.2	83.2	87.1	88.4	90.3	90.7	90.9	90.9	91.0	91.0	91.3	91.3	91.4	91.5		
	45.9	74.0	79.9	83.6	88.0	89.4	92.1	92.4	92.6	92.7	92.8	92.9	93.1	93.1	93.2	93.3		
	45.	74.2	80.0	84.1	88.8	90.3	93.7	94.3	94.7	94.9	95.1	95.1	95.4	95.4	95.6	95.7		
	45.9	74.3	8 .2	84.4	89.2	9 .5	94.2	95.2	95.7	95.9	96.1	96.1	96.4	96.4	96.6	96.7		
	45.	74.3	8 .2	84.4	89.2	9 .9	94.6	95.7	96.1	96.4	96.8	96.8	97.1	97.1	97.4	97.6		
	45.9	74.3	80.2	84.6	89.3	91.0	94.7	95.8	96.2	96.7	97.1	97.0	97.7	97.7	97.8	97.9		
	45.9	74.3	8 .2	84.6	89.3	91.0	94.8	96.0	96.4	96.9	97.3	97.3	98.1	98.1	98.9	99.6		
	45.9	74.3	8 .2	84.6	89.7	91.	94.9	96.	96.4	96.9	97.3	97.3	98.1	98.1	98.9	100.		

TOTAL NUMBER OF OBSERVATIONS 220

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

PHILLIPS/A [illegible] MI

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]	[illegible]	73.4	35.4	36.6	37.7	37.6	37.7	38.[illegible]	38.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
41.6	3[illegible].8	42.7	44.[illegible]	4[illegible].2	45.4	45.7	45.[illegible]	46.[illegible]	46.1	46.1	46.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
31.[illegible]	4[illegible].4	47.4	45.1	4[illegible].1	46.3	46.6	46.9	46.[illegible]	47.[illegible]	47.[illegible]	47.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
31.7	4[illegible]	47.[illegible]	4[illegible].4	46.4	46.7	46.9	47.2	47.7	47.7	47.7	47.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible].3	42.[illegible]	4[illegible].[illegible]	47.7	4[illegible].7	4[illegible]	49.2	49.7	4[illegible].7	4[illegible].7	49.[illegible]	49.[illegible]	49.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible].4	45.4	49.[illegible]	51.[illegible]	52.2	52.6	52.[illegible]	53.[illegible]	53.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	56.1	57.2	57.7	58.1	58.6	58.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	51.[illegible]	[illegible]	[illegible]	[illegible]	59.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	59.7	62.4	[illegible]	64.1	64.7	65.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
41.[illegible]	59.1	61.[illegible]	64.6	66.[illegible]	66.6	67.1	67.6	67.[illegible]	67.7	67.7	67.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	64.[illegible]	67.6	[illegible]	69.[illegible]	69.6	70.1	70.6	70.[illegible]	70.[illegible]	[illegible]	[illegible]	71.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4[illegible]	63.1	67.[illegible]	[illegible]	71.2	72.[illegible]	72.7	73.[illegible]	73.7	73.4	73.4	73.4	74.[illegible]	74.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4[illegible]	63.6	67.7	7[illegible].7	71.9	72.7	73.7	74.[illegible]	74.[illegible]	74.1	74.1	74.1	74.7	74.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4[illegible].1	6[illegible].7	69.[illegible]	70.1	73.3	74.1	74.9	75.6	75.[illegible]	75.7	75.7	75.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
47.[illegible]	65.[illegible]	7[illegible].3	73.6	74.9	75.7	76.4	77.1	77.1	77.[illegible]	77.[illegible]	77.[illegible]	77.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4[illegible].1	67.7	71.9	75.[illegible]	76.8	77.6	78.4	79.2	79.[illegible]	79.3	79.7	79.[illegible]	79.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4[illegible].5	6[illegible].6	72.[illegible]	76.4	7[illegible]	78.8	79.7	80.4	8[illegible].4	[illegible]	[illegible]	[illegible]	[illegible]	81.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4[illegible].2	69.[illegible]	73.4	77.3	7[illegible].2	[illegible]	81.[illegible]	81.[illegible]	81.[illegible]	81.[illegible]	81.9	81.9	81.9	[illegible]	82.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4[illegible].9	69.4	77.7	77.[illegible]	79.4	[illegible].2	81.7	82.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4[illegible].2	70.6	74.9	78.8	81.8	82.8	83.7	84.[illegible]	84.[illegible]	84.1	84.1	84.1	84.7	84.7	84.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
49.4	71.6	75.[illegible]	8[illegible].6	82.7	[illegible].4	84.7	85.4	85.4	85.6	85.6	85.6	[illegible]	86.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
49.6	72.4	76.9	81.[illegible]	83.6	84.8	86.2	87.3	87.7	87.4	87.4	87.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4[illegible].5	72.6	77.1	81.4	84.7	85.6	87.[illegible]	88.2	88.4	88.6	88.6	88.6	89.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4[illegible].6	72.7	77.4	82.1	85.7	86.6	88.7	89.2	89.[illegible]	89.7	89.7	89.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4[illegible].6	73.[illegible]	77.7	82.4	85.8	87.6	89.1	91.4	91.[illegible]	91.9	92.[illegible]	92.[illegible]	91.4	91.4	91.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
49.6	73.1	77.9	82.9	86.3	88.2	90.[illegible]	91.3	91.8	91.9	91.9	91.9	92.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
49.7	73.6	78.7	83.4	87.2	89.3	91.4	93.1	93.9	94.4	94.6	94.9	95.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
49.7	73.6	78.7	83.4	87.4	89.6	91.7	94.[illegible]	94.9	95.7	96.1	96.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
49.7	73.6	78.7	83.4	87.4	89.6	91.7	94.2	95.[illegible]	96.2	96.9	96.[illegible]	97.9	97.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
49.7	73.6	79.7	83.4	87.4	89.6	91.8	94.3	95.6	96.7	97.7	97.7	97.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
49.7	73.6	79.7	83.4	87.4	89.6	91.8	94.3	95.6	96.7	97.7	97.7	97.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
49.7	73.6	79.7	83.4	87.4	89.6	91.8	94.3	95.6	96.7	97.7	97.7	97.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

USAFETAC [illegible] 0-14-5 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF TAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] SHILLIP/A[illegible]SCREEN, MT [illegible] 4[illegible]-67 [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]-1100

[illegible]

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

GL AL CLIMATOLOGY BRANCH
USAFETAC
A WEATHER SERVICES/MAC

CEILING VERSUS VISIBILITY

7 [illegible] PHILLIPS/ABERDEEN MD — STATION NAME — 46-57 — YEAR — APR — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

1[illegible]-1922

VISIBILITY (STATUTE MILES)

CEILING (FEET)	20	26	25	24	[illegible]	22	[illegible]	2	[illegible]	2	[illegible]	[illegible]	2	[illegible]	[illegible]	[illegible]
[illegible]	34.7	37.8	38.2	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
[illegible]	40.2	44.3	45.1	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
[illegible]	40.2	45.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
[illegible]	41.1	45.4	46.2	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
[illegible]	41.7	46.3	47.2	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
[illegible]	43.1	[illegible]	49.4	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
[illegible]	45.[illegible]	51.8	52.7	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
[illegible]	47.1	53.1	54.1	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
[illegible]	47.7	54.7	55.9	56.1	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
[illegible]	48.4	56.[illegible]	57.7	57.9	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
[illegible]	51.7	6[illegible]	62.0	62.2	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
[illegible]	55.3	64.7	66.4	67.0	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
[illegible]	58.4	68.[illegible]	69.[illegible]	70.4	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
[illegible]	62.2	73.2	75.1	75.9	76.2	76.3	76.4	76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6
[illegible]	64.4	76.2	78.1	78.9	79.2	79.3	79.4	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6
[illegible]	66.1	78.9	81.1	82.0	82.3	82.4	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7
[illegible]	66.8	81.6	83.7	83.9	84.3	84.4	84.7	84.7	84.7	84.8	84.9	84.8	84.9	84.9	84.9	84.8
[illegible]	67.3	82.8	85.3	86.3	86.9	87.[illegible]	87.3	87.3	87.3	87.6	87.6	87.6	87.7	87.7	87.7	87.7
[illegible]	67.[illegible]	83.0	85.6	86.6	87.1	87.2	87.6	87.6	87.6	87.8	87.8	87.8	87.9	87.9	87.9	87.9
[illegible]	68.4	84.2	86.8	87.8	88.4	88.6	88.9	88.9	88.9	89.1	89.1	89.1	89.2	89.2	89.2	89.2
[illegible]	[illegible].7	85.4	88.2	89.3	9[illegible].0	90.2	90.6	90.6	90.6	90.8	90.8	90.8	90.9	90.9	90.9	90.9
[illegible]	68.8	86.0	88.9	90.4	91.2	91.4	92.2	92.2	92.2	92.4	92.4	92.4	92.6	92.6	92.6	92.6
[illegible]	69.9	86.3	89.3	91.0	91.8	92.1	93.2	93.3	93.3	93.7	93.7	93.7	93.8	93.8	93.8	93.8
[illegible]	69.9	86.4	89.6	91.4	92.3	93.[illegible]	94.2	94.4	94.4	94.5	94.8	94.8	95.0	95.0	95.0	95.0
[illegible]	69.[illegible]	86.7	89.8	91.7	92.9	93.7	95.1	95.6	95.6	95.9	95.9	95.9	96.1	96.1	96.1	96.1
[illegible]	69.[illegible]	86.9	9[illegible].0	92.0	93.4	94.2	95.9	96.9	96.9	97.2	97.2	97.2	97.4	97.4	97.4	97.4
[illegible]	69.0	86.9	9[illegible].0	92.0	93.7	94.8	96.8	97.8	97.9	98.3	98.4	98.4	98.8	98.8	98.8	98.8
[illegible]	69.0	86.9	90.0	92.0	93.8	95.0	97.0	98.1	98.2	98.8	98.9	98.9	99.2	99.2	99.2	99.2
[illegible]	69.0	86.9	90.0	92.0	93.8	95.0	97.0	98.1	98.2	98.9	99.2	99.2	99.6	99.7	99.8	99.8
[illegible]	69.0	86.9	90.0	92.0	93.8	95.0	97.0	98.1	98.2	98.9	99.3	99.2	99.6	99.7	99.8	99.8
[illegible]	69.0	86.9	90.0	92.0	93.8	95.0	97.0	98.1	98.2	98.9	99.3	99.3	99.7	99.91	0.0	100.0
[illegible]	69.0	86.9	90.0	92.0	93.8	95.0	97.0	98.1	98.2	98.9	99.3	99.3	99.7	99.91	0.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF ETAC [illegible] 0-14-5 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

PHILLIPS/AB ABERDEEN MD — 4--57 — AFC

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

15-0-1700

VISIBILITY STATUTE MILES

CEILING FEET	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11
32.9	36.6	36.6	36.6	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
43.4	48.6	48.6	48.6	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
44.1	49.7	49.7	49.7	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
44.1	49.9	49.9	49.9	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
44.3	50.1	50.1	50.1	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
46.7	52.6	52.6	52.6	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
51.6	57.1	57.1	57.1	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
51.7	58.3	58.4	58.4	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
53.9	61.6	61.7	61.7	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
55.0	64.2	64.6	64.6	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
59.0	68.1	68.4	68.4	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
61.3	72.0	72.3	72.3	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
64.6	75.0	75.3	75.3	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
66.7	80.7	81.1	81.3	81.8	81.8	81.9	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3
69.7	82.2	83.0	83.3	83.8	83.8	83.9	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3
71.0	84.4	85.4	85.9	86.4	86.6	86.7	87.0	87.0	87.0	87.0	87.1	87.2	87.2	87.2	87.2	87.2
71.1	85.0	86.0	86.4	87.0	87.1	87.4	87.8	87.8	87.8	87.8	87.9	88.0	88.0	88.0	88.0	88.0
71.7	86.2	87.4	87.9	88.6	88.7	89.0	89.3	89.3	89.3	89.4	89.6	89.7	89.7	89.7	89.7	89.7
71.7	86.2	87.4	87.9	88.6	88.7	89.1	89.4	89.4	89.4	89.6	89.7	89.8	89.8	89.8	89.8	89.8
72.1	87.4	88.7	89.1	89.8	90.0	90.4	90.6	90.8	90.8	90.9	91.0	91.1	91.1	91.1	91.1	91.1
72.1	87.8	89.2	89.9	90.6	90.8	91.2	91.6	91.6	91.6	91.7	91.8	91.9	91.9	91.9	91.9	91.9
72.3	88.3	89.9	91.0	91.7	92.1	93.0	93.4	93.4	93.4	93.6	93.7	93.9	93.9	93.9	93.9	93.9
72.3	88.3	90.0	91.1	91.8	92.3	93.2	94.0	94.0	94.0	94.1	94.2	94.4	94.4	94.4	94.4	94.4
72.3	88.6	90.2	91.3	92.1	92.7	93.6	94.6	94.6	94.6	94.7	94.8	95.1	95.1	95.1	95.1	95.1
72.4	89.1	91.0	92.4	93.3	94.1	95.3	96.7	96.7	96.8	97.0	97.1	97.4	97.4	97.4	97.4	97.4
72.4	89.1	91.0	92.4	93.4	94.2	96.0	97.4	97.4	97.6	97.8	97.9	98.2	98.2	98.2	98.2	98.2
72.4	89.1	91.0	92.4	93.4	94.2	96.2	97.8	97.8	97.9	98.1	98.2	98.6	98.6	98.6	98.6	98.6
72.4	89.2	91.1	92.6	94.0	94.8	96.8	98.6	98.7	98.8	99.1	99.2	99.6	99.6	99.6	99.6	99.6
72.4	89.2	91.1	92.8	94.0	94.9	96.9	98.7	98.8	98.9	99.2	99.3	99.7	99.7	99.7	99.7	99.7
72.4	89.2	91.1	92.8	94.0	94.9	96.9	98.7	98.9	98.9	99.2	99.3	99.7	99.7	99.7	99.7	99.7
72.4	89.2	91.1	92.8	94.0	94.9	96.9	98.7	98.8	98.9	99.2	99.3	99.7	99.7	99.7	100.0	100.0
72.4	89.2	91.1	92.8	94.0	94.9	96.9	98.7	98.8	98.9	99.2	99.3	99.7	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72 [illegible] 57 PHILLIPS/ABERDEEN MD 46-57 APR

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2400

VISIBILITY (STATUTE MILES)

CEILING (FEET)	2½	2	1½	1	¾	½	¼	0	2½	2	1½	1	¾	½	¼	0
[illegible]	36.2	41.9	42.1	42.6	42.6	42.6	42.8	43.0	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.2
[illegible]	44.3	50.7	51.0	51.4	51.6	51.6	51.9	52.1	52.1	52.2	52.2	52.2	52.3	52.3	52.3	52.4
[illegible]	44.3	51.6	51.9	52.3	52.4	52.4	52.8	53.0	53.0	53.1	53.1	53.1	53.2	53.2	53.2	53.3
[illegible]	44.4	51.8	52.1	52.6	52.7	52.7	53.0	53.2	53.2	53.3	53.3	53.3	53.4	53.4	53.4	53.6
[illegible]	45.4	53.4	53.8	54.2	54.3	54.3	54.7	54.9	54.9	55.0	55.0	55.0	55.1	55.1	55.1	55.2
[illegible]	47.8	56.2	56.6	57.0	57.1	57.1	57.4	57.7	57.7	57.8	57.8	57.6	57.9	57.9	57.9	58.[illegible]
[illegible]	61.1	61.1	61.4	62.3	62.4	62.4	62.8	63.0	63.0	63.1	63.1	63.1	63.2	63.2	63.2	63.3
[illegible]	62.1	62.2	62.6	63.6	63.7	63.7	64.0	64.2	64.2	64.3	64.3	64.3	64.4	64.4	64.4	64.6
[illegible]	65.6	66.9	67.2	68.2	68.6	68.6	68.9	69.1	69.1	69.2	69.2	69.2	69.3	69.3	69.3	69.4
[illegible]	67.7	69.8	70.1	71.1	71.4	71.4	71.8	72.0	72.0	72.1	72.1	72.1	72.2	72.2	72.2	72.3
[illegible]	69.8	72.3	72.8	73.8	74.1	74.1	74.4	74.7	74.7	74.8	74.8	74.8	74.9	74.9	74.9	75.0
[illegible]	72.4	75.2	75.8	76.8	77.1	77.1	77.4	77.7	77.7	77.8	77.8	77.8	77.9	77.9	77.9	78.0
[illegible]	73.6	76.3	76.9	78.0	78.3	78.3	78.7	78.9	78.9	79.0	79.0	79.0	79.1	79.1	79.1	79.2
[illegible]	74.9	79.0	79.8	81.1	81.8	81.8	82.1	82.3	82.3	82.4	82.4	82.4	82.6	82.6	82.6	82.7
[illegible]	75.4	80.2	81.1	82.4	83.2	83.2	83.6	83.8	83.8	83.9	83.9	83.9	84.0	84.0	84.0	84.1
[illegible]	76.4	82.2	83.7	85.4	86.2	86.2	86.7	87.1	87.1	87.2	87.2	87.2	87.3	87.3	87.3	87.4
[illegible]	76.9	83.2	84.9	86.9	87.7	87.7	88.1	88.6	88.6	88.7	88.7	88.7	88.8	88.8	88.8	88.9
[illegible]	77.2	84.0	85.8	87.9	88.9	88.9	89.3	89.8	89.8	89.9	89.9	89.9	90.0	90.0	90.0	90.1
[illegible]	77.3	84.2	86.0	88.2	89.2	89.2	89.8	90.2	90.2	90.6	90.6	90.6	90.7	90.7	90.7	90.8
[illegible]	77.7	85.1	86.9	89.2	90.6	90.6	91.2	91.7	91.7	92.0	92.0	92.0	92.1	92.1	92.1	92.2
[illegible]	77.7	85.6	87.4	89.9	91.3	91.4	92.1	92.6	92.6	92.9	92.9	92.9	93.0	93.0	93.0	93.1
[illegible]	77.8	86.1	88.1	90.7	92.3	92.8	93.9	94.3	94.3	94.9	94.9	94.9	95.0	95.0	95.0	95.1
[illegible]	77.8	86.1	88.1	90.7	92.3	92.9	94.0	94.4	94.4	95.0	95.0	95.0	95.1	95.1	95.1	95.2
[illegible]	77.3	86.2	88.2	90.9	92.6	93.1	94.3	94.9	94.9	95.4	95.4	95.4	95.6	95.6	95.6	95.7
[illegible]	77.9	86.6	88.6	91.2	92.9	93.4	94.9	95.7	95.7	96.4	96.4	96.4	96.7	96.7	96.7	96.8
[illegible]	77.9	86.8	88.8	91.7	93.3	94.0	95.7	96.6	96.6	97.6	97.6	97.6	97.8	97.8	97.8	97.9
[illegible]	77.9	86.9	88.9	91.8	93.6	94.2	96.1	97.1	97.1	98.1	98.1	98.1	98.3	98.3	98.3	98.4
[illegible]	77.9	86.9	88.9	92.1	93.9	94.6	96.4	97.4	97.4	98.6	98.6	98.6	98.9	98.9	98.9	99.0
[illegible]	77.9	86.9	88.9	92.1	93.9	94.6	96.4	97.4	97.4	98.8	98.8	98.8	99.2	99.2	99.2	99.3
[illegible]	77.9	86.9	88.9	92.1	93.9	94.6	96.4	97.6	97.6	98.9	98.9	98.9	99.3	99.3	99.3	99.4
	77.9	86.9	88.9	92.1	93.9	94.6	96.4	97.6	97.6	98.9	98.9	98.9	99.3	99.3	99.3	100.0
	77.9	86.9	88.9	92.1	93.9	94.6	96.4	97.6	97.6	98.9	98.9	98.9	99.3	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724157 PHILLIPS/ABERDEEN MD 46-57 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

100-2300

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥7/8	≥5/8	≥½	≥0
20000	41.2	49.4	50.6	51.2	51.7	51.4	51.6	51.8	51.9	52.0	52.0	52.0	52.1	52.1	52.3
	46.1	54.4	55.8	56.6	56.7	56.8	56.9	57.1	57.1	57.3	57.3	57.3	57.4	57.4	57.8
15000	46.1	54.6	55.9	56.7	56.8	56.9	57.0	57.2	57.2	57.4	57.4	57.4	57.6	57.6	57.9
10000	46.1	54.6	55.9	56.7	56.8	56.9	57.0	57.2	57.2	57.4	57.4	57.4	57.6	57.6	57.9
7000	46.4	55.2	56.6	57.6	57.7	57.8	57.9	58.1	58.1	58.3	58.3	58.3	58.4	58.4	58.8
5000	48.1	57.4	58.8	59.8	59.9	60.0	60.1	60.3	60.3	60.6	60.6	60.6	60.7	60.7	61.0
4000	50.9	62.1	63.6	64.8	64.9	65.0	65.1	65.3	65.3	65.6	65.6	65.6	65.7	65.7	66.0
3500	51.9	63.6	65.0	66.2	66.3	66.4	66.6	66.8	66.8	67.0	67.0	67.0	67.1	67.1	67.4
3000	54.7	67.0	68.6	69.8	69.9	70.0	70.2	70.4	70.4	70.7	70.7	70.7	70.8	70.8	71.1
2500	56.3	69.4	71.2	72.4	72.8	72.9	73.1	73.3	73.3	73.6	73.6	73.6	73.7	73.7	74.1
2000	58.0	72.4	74.2	75.4	75.8	75.9	76.1	76.3	76.3	76.6	76.6	76.6	76.7	76.7	77.3
1800	59.1	74.7	76.4	77.7	78.0	78.1	78.3	78.6	78.6	78.8	78.8	78.8	78.9	78.9	79.6
1500	59.9	76.0	77.8	79.0	79.3	79.4	79.7	79.9	79.9	80.1	80.1	80.1	80.2	80.2	80.9
1200	61.2	78.3	80.2	81.7	82.3	82.4	82.7	82.9	82.9	83.1	83.1	83.1	83.2	83.2	83.9
1000	62.0	80.2	82.2	83.7	84.3	84.4	84.7	84.9	84.9	85.1	85.1	85.1	85.2	85.2	85.9
900	62.2	81.0	83.2	84.7	85.3	85.4	85.7	86.0	86.0	86.2	86.2	86.2	86.3	86.3	87.0
800	63.0	82.4	84.8	86.3	87.3	87.4	87.7	88.0	88.0	88.2	88.2	88.2	88.3	88.3	89.0
700	63.0	83.3	85.7	87.2	88.3	88.4	88.8	89.1	89.1	89.3	89.3	89.3	89.4	89.4	90.1
600	63.1	83.1	85.9	87.6	88.7	88.8	89.1	89.4	89.4	89.7	89.7	89.7	89.8	89.8	90.4
500	63.3	83.6	86.9	89.0	90.3	90.4	90.9	91.2	91.2	91.4	91.4	91.4	91.6	91.6	92.2
400	63.4	84.2	87.6	89.7	91.3	91.4	91.9	92.2	92.2	92.4	92.4	92.4	92.6	92.6	93.2
300	63.4	84.7	88.1	90.2	92.0	92.1	92.8	93.1	93.1	93.3	93.3	93.3	93.4	93.4	94.1
200	63.7	85.1	88.6	90.7	92.4	92.6	93.3	93.7	93.7	93.9	93.9	93.9	94.0	94.0	94.7
150	63.7	85.3	88.9	91.0	92.9	93.0	93.8	94.2	94.2	94.4	94.4	94.4	94.6	94.6	95.2
100	63.7	85.3	88.9	91.1	93.2	93.6	94.4	95.0	95.0	95.2	95.2	95.2	95.3	95.3	96.0
50	63.7	85.6	89.1	91.4	93.6	94.0	95.0	95.6	95.6	95.9	95.9	95.9	96.0	96.0	96.7
40	63.7	85.6	89.1	91.4	94.1	94.6	95.8	96.6	96.6	96.9	97.1	97.1	97.2	97.2	97.9
30	63.7	85.6	89.1	91.4	94.1	94.6	95.9	96.7	96.7	97.0	97.2	97.2	97.3	97.3	98.0
20	63.7	85.6	89.1	91.4	94.1	94.8	96.4	97.3	97.3	97.8	98.0	98.0	98.2	98.3	99.0
15	63.7	85.6	89.1	91.4	94.1	95.0	96.7	97.6	97.6	98.0	98.2	98.2	98.4	98.6	98.9	99.6
10	63.7	85.6	89.1	91.4	94.1	95.0	96.7	97.6	97.6	98.0	98.2	98.2	98.4	98.6	98.9	99.7
0	63.7	85.6	89.1	91.4	94.1	95.0	96.7	97.6	97.6	98.0	98.2	98.2	98.4	98.6	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 920

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724157 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOUR)

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥	≥	≥	≥	≥	≥	≥	≥	≥
≥UNL	34.2	40.7	41.7	42.3	42.6	42.7	42.8	43.0	43.0	43.1	43.1	43.1	43.2	43.2	43.2	43.3
≥20000	48.0	47.6	49.0	49.7	50.0	50.1	50.3	50.5	50.5	50.6	50.6	50.6	50.7	50.7	50.8	50.9
≥18000	48.3	48.3	49.7	50.4	50.8	50.8	51.0	51.2	51.2	51.3	51.3	51.3	51.4	51.4	51.5	51.6
≥15000	48.4	48.5	49.9	50.6	51.0	51.0	51.2	51.4	51.4	51.5	51.5	51.5	51.6	51.6	51.7	51.8
≥12000	48.9	49.6	51.1	51.8	52.2	52.3	52.5	52.7	52.7	52.7	52.8	52.8	52.9	52.9	52.9	53.0
≥10000	42.4	51.6	53.3	54.1	54.5	54.7	54.8	55.0	55.0	55.1	55.1	55.1	55.3	55.3	55.3	55.4
≥9000	45.3	55.9	57.5	58.5	58.9	59.1	59.3	59.5	59.5	59.6	59.6	59.6	59.7	59.7	59.8	59.9
≥8000	46.3	57.3	58.9	60.0	60.4	60.6	60.8	61.0	61.0	61.1	61.1	61.1	61.3	61.3	61.3	61.4
≥7000	48.5	6[illegible].8	62.5	63.6	64.1	64.3	64.5	64.7	64.7	64.8	64.8	64.8	65.0	65.0	65.0	65.1
≥6000	49.9	63.1	65.0	66.2	66.8	66.9	67.2	67.4	67.4	67.5	67.5	67.5	67.6	67.6	67.7	67.8
≥5000	52.0	66.2	68.1	69.3	69.9	70.1	70.3	70.6	70.6	70.6	70.7	70.7	70.8	70.8	70.8	71.0
≥4500	54.0	69.0	71.0	72.3	72.9	73.1	73.4	73.7	73.7	73.7	73.8	73.8	73.9	73.9	73.9	74.1
≥4000	55.3	70.6	72.6	73.9	74.6	74.8	75.1	75.3	75.3	75.4	75.4	75.4	75.6	75.6	75.6	75.8
≥3500	57.2	73.5	75.7	77.1	78.0	78.2	78.6	78.8	78.8	78.9	78.9	78.9	79.1	79.1	79.1	79.3
≥3000	58.0	75.2	77.5	79.0	79.9	80.2	80.6	80.8	80.9	80.9	81.0	81.0	81.1	81.1	81.2	81.3
≥2500	59.0	76.9	79.5	81.1	82.2	82.4	82.9	83.2	83.2	83.3	83.3	83.4	83.5	83.5	83.6	83.7
≥2000	59.6	78.3	81.0	82.8	84.1	84.3	84.8	85.2	85.2	85.3	85.3	85.3	85.5	85.5	85.5	85.7
≥1800	60.5	79.3	82.2	84.2	85.6	85.8	86.4	86.8	86.8	86.9	86.9	86.9	87.1	87.1	87.2	87.3
≥1500	60.1	79.5	82.4	84.5	85.9	86.1	86.7	87.0	87.1	87.2	87.2	87.3	87.4	87.4	87.5	87.6
≥1200	60.4	80.4	83.5	85.8	87.3	87.6	88.3	88.6	88.7	88.8	88.8	88.9	89.0	89.0	89.1	89.2
≥1000	60.5	81.3	84.5	86.9	88.5	88.8	89.5	89.9	89.9	90.0	90.1	90.1	90.3	90.3	90.3	90.5
≥900	60.6	81.8	85.1	87.7	89.5	90.0	90.9	91.3	91.4	91.6	91.6	91.7	91.9	91.9	91.9	92.1
≥800	60.6	81.9	85.4	88.0	89.9	90.4	91.4	91.9	92.0	92.2	92.3	92.3	92.5	92.5	92.5	92.7
≥700	60.7	82.2	85.7	88.4	90.4	91.1	92.3	92.9	93.0	93.2	93.3	93.3	93.5	93.5	93.5	93.7
≥600	60.7	82.4	85.9	88.7	90.9	91.8	93.1	93.9	94.0	94.3	94.4	94.4	94.6	94.6	94.7	94.8
≥500	60.7	82.5	86.1	89.0	91.3	92.3	94.0	94.9	95.0	95.4	95.4	95.5	95.7	95.7	95.8	95.9
≥400	60.8	82.7	86.3	89.2	91.8	92.9	94.9	96.0	96.2	96.7	96.9	96.9	97.2	97.2	97.3	97.4
≥300	60.8	82.7	86.3	89.4	92.1	93.2	95.3	96.6	96.9	97.5	97.6	97.7	98.0	98.0	98.1	98.2
≥200	60.8	82.7	86.3	89.4	92.1	93.3	95.6	96.9	97.2	97.9	98.1	98.2	98.6	98.7	98.7	98.9
≥100	60.8	82.7	86.3	89.4	92.1	93.3	95.7	97.0	97.3	98.1	98.3	98.4	98.8	98.9	99.1	99.2
≥50	60.8	82.7	86.3	89.4	92.1	93.3	95.7	97.1	97.3	98.1	98.4	98.5	98.9	99.0	99.3	99.8
[illegible]	60.8	82.7	86.3	89.4	92.1	93.3	95.7	97.1	97.3	98.1	98.4	98.5	98.9	99.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEAR) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

~~0300-0600~~

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥0
NO CEILING	35.8	46.7	47.7	48.2	49.0	49.2	49.6	49.8	49.8	49.9	49.9	49.9	50.1	50.2	50.2	50.3
≥20000	37.4	49.4	50.5	51.0	51.8	52.0	52.4	52.6	52.6	52.8	52.8	52.9	53.0	53.1	53.1	53.2
≥18000	37.5	49.5	50.6	51.1	51.9	52.2	52.5	52.7	52.7	52.9	52.9	52.9	53.1	53.2	53.2	53.3
≥16000	37.5	49.5	50.6	51.1	51.9	52.2	52.5	52.7	52.7	52.9	52.9	52.9	53.1	53.2	53.2	53.3
≥14000	37.8	53.2	51.4	51.8	52.7	52.9	53.2	53.4	53.4	53.7	53.7	53.7	53.9	54.0	54.0	54.1
≥12000	40.2	53.1	54.3	54.8	55.7	55.9	56.2	56.5	56.5	56.7	56.7	56.7	56.9	57.0	57.0	57.1
≥10000	43.2	58.8	60.0	60.9	61.8	62.2	62.6	62.8	62.8	63.0	63.0	63.0	63.2	63.3	63.3	63.4
≥9000	44.2	61.4	61.9	62.6	63.5	63.9	64.3	64.5	64.5	64.7	64.7	64.7	64.9	65.1	65.1	65.2
≥8000	46.0	63.7	65.4	66.1	67.1	67.4	67.8	68.2	68.2	68.4	68.4	68.4	68.6	68.7	68.7	68.8
≥7000	47.7	66.7	68.7	69.7	70.6	71.0	71.4	71.7	71.7	71.9	72.0	72.0	72.3	72.4	72.4	72.5
≥6000	48.2	68.0	70.1	71.2	72.3	72.6	73.0	73.3	73.3	73.5	73.7	73.7	73.9	74.0	74.0	74.1
≥5000	48.4	68.8	71.0	72.2	73.2	73.5	74.0	74.3	74.3	74.6	74.7	74.7	74.9	75.1	75.1	75.2
≥4500	48.8	69.4	71.5	72.7	73.8	74.1	74.5	74.8	74.8	75.2	75.3	75.3	75.5	75.6	75.6	75.7
≥4000	49.6	70.8	73.1	74.4	75.5	75.8	76.2	76.6	76.6	76.9	77.0	77.0	77.2	77.3	77.3	77.4
≥3500	49.9	71.6	74.1	75.5	76.7	77.0	77.4	77.7	77.7	78.1	78.2	78.2	78.4	78.5	78.5	78.6
≥3000	50.2	73.4	76.1	77.8	79.0	79.4	79.8	80.1	80.1	80.4	80.5	80.5	80.8	80.9	80.9	81.0
≥2500	51.0	74.6	77.7	79.6	81.1	81.4	81.8	82.2	82.2	82.6	82.7	82.7	82.9	83.0	83.0	83.1
≥2000	51.5	75.5	78.7	80.6	82.2	82.5	82.9	83.2	83.2	83.7	83.8	83.8	84.0	84.1	84.1	84.2
≥1800	51.8	75.9	79.2	81.2	82.7	83.0	83.4	83.8	83.8	84.2	84.3	84.3	84.5	84.6	84.6	84.7
≥1500	52.0	77.5	81.0	82.9	84.7	85.2	85.6	85.9	85.9	86.5	86.6	86.6	86.8	86.9	86.9	87.0
≥1200	52.3	78.3	81.9	83.8	85.9	86.3	87.0	87.3	87.3	87.8	88.0	88.0	88.2	88.3	88.3	88.4
≥1000	52.3	78.9	83.0	85.2	87.8	88.3	89.8	90.2	90.2	90.9	91.0	91.0	91.3	91.4	91.4	91.5
≥900	52.4	79.5	84.0	86.2	89.1	89.6	91.6	92.0	92.0	92.7	92.8	92.8	93.1	93.2	93.2	93.3
≥800	52.5	79.7	84.2	86.6	89.8	90.2	92.3	92.7	92.7	93.3	93.5	93.5	94.0	94.1	94.1	94.2
≥700	52.5	79.7	84.2	86.6	89.8	90.2	92.4	92.8	92.8	93.4	93.7	93.7	94.1	94.2	94.2	94.3
≥600	52.5	80.0	84.5	87.3	90.8	91.2	93.5	94.1	94.1	94.7	94.9	94.9	95.4	95.5	95.6	95.7
≥500	52.5	80.0	84.5	87.3	91.0	91.4	94.0	94.5	94.5	95.3	95.5	95.5	95.9	96.0	96.1	96.2
≥400	52.5	80.0	84.5	87.3	91.0	91.4	94.1	94.6	94.6	95.7	95.9	95.9	96.3	96.5	96.6	96.7
≥300	52.5	80.1	84.7	87.5	91.4	91.8	94.7	95.3	95.3	96.7	96.9	96.9	97.3	97.4	97.5	97.6
≥200	52.5	80.1	84.7	87.6	91.5	91.9	94.8	95.4	95.4	97.0	97.3	97.3	98.0	98.1	98.2	98.4
≥100	52.5	80.1	84.7	87.6	91.5	91.9	94.8	95.4	95.4	97.1	97.4	97.4	98.1	98.2	98.5	98.8
0	52.5	80.1	84.7	87.6	91.5	91.9	94.8	95.4	95.4	97.1	97.4	97.4	98.1	98.2	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	0
NO CEILING	26.9	37.8	38.8	40.2	41.3	41.6	42.4	42.7	43.0	44.0	44.2	44.2	44.3	44.4	44.6	45.1
≥20000	28.5	40.3	41.5	43.0	44.1	44.4	45.4	45.7	46.0	47.0	47.3	47.3	47.4	47.5	49.0	48.3
≥18000	29.1	40.8	41.[illegible]	43.4	44.5	44.8	45.8	46.1	46.5	47.4	47.7	47.7	47.8	48.[illegible]	48.4	48.7
≥16000	29.6	41.3	42.5	44.0	45.1	45.4	46.3	46.7	47.0	48.0	48.3	48.3	48.4	48.5	48.9	49.2
≥14000	30.2	42.3	43.4	44.9	46.0	46.3	47.3	47.6	48.0	48.9	49.2	49.2	49.4	49.5	49.9	50.2
≥12000	31.8	45.3	46.5	48.4	49.7	50.0	51.1	51.5	51.8	52.8	53.1	53.1	53.2	53.3	53.8	54.1
≥10000	34.5	49.6	51.1	53.0	54.3	54.6	55.7	56.1	56.5	57.4	57.7	57.7	58.0	58.1	58.5	58.8
≥9000	35.3	50.5	52.0	54.0	55.3	55.6	56.7	57.1	57.4	58.4	58.7	58.7	58.9	59.0	59.5	59.8
≥8000	36.5	53.1	54.8	56.9	58.3	58.6	59.8	60.2	60.6	61.6	61.9	61.9	62.2	62.3	62.7	63.1
≥7000	38.3	56.0	57.8	59.9	61.3	61.6	62.8	63.2	63.7	64.6	64.9	64.9	65.3	65.4	65.8	66.2
≥6000	39.9	57.4	59.4	61.7	63.1	63.4	64.7	65.2	65.6	66.6	66.9	66.9	67.2	67.3	67.7	68.2
≥5000	39.2	58.4	60.6	63.2	64.8	65.2	66.7	67.1	67.6	68.6	68.9	68.9	69.2	69.4	69.9	70.3
≥4500	39.9	59.5	61.7	64.3	65.9	66.2	67.8	68.3	68.8	69.8	70.1	70.1	70.4	70.5	71.1	71.5
≥4000	40.5	60.8	63.1	65.8	67.4	67.7	69.4	69.9	70.4	71.4	71.7	71.7	72.0	72.2	72.7	73.1
≥3500	40.9	61.4	63.9	66.5	68.2	68.5	70.1	70.6	71.2	72.2	72.5	72.5	72.9	73.0	73.5	74.0
≥3000	41.3	62.7	65.3	68.1	69.9	70.2	71.8	72.5	73.0	74.0	74.3	74.3	74.7	74.8	75.4	75.8
≥2500	41.6	64.0	66.9	70.1	72.0	72.4	74.0	74.6	75.2	76.1	76.5	76.5	76.9	77.0	77.5	78.0
≥2000	41.6	64.4	67.8	71.4	73.5	73.9	75.7	76.3	76.9	77.8	78.2	78.2	78.7	78.8	79.4	79.8
≥1800	41.9	64.8	68.4	72.0	74.2	74.5	76.3	77.0	77.5	78.5	78.8	78.8	79.4	79.5	80.0	80.4
≥1500	42.3	65.6	69.7	73.7	76.1	76.5	78.3	78.9	79.5	80.4	80.8	80.8	81.3	81.4	81.9	82.4
≥1200	42.8	67.0	71.2	75.6	78.6	78.9	81.0	81.6	82.2	83.4	83.8	83.8	84.3	84.4	84.9	85.4
≥1000	42.8	68.1	72.5	77.2	80.6	81.0	83.8	84.4	84.9	86.2	86.6	86.6	87.1	87.2	87.7	88.2
≥900	42.8	68.3	72.8	77.7	81.5	82.0	85.2	85.8	86.3	87.6	88.0	88.0	88.5	88.6	89.1	89.6
≥800	42.8	68.4	72.9	78.0	81.9	82.7	86.1	87.0	87.6	89.4	89.7	89.7	90.2	90.3	90.9	91.4
≥700	42.8	68.4	73.0	78.2	82.3	83.1	86.8	87.7	88.5	90.2	90.5	90.5	91.1	91.2	91.7	92.3
≥600	42.8	68.6	73.4	78.7	83.4	84.5	88.3	89.4	90.1	91.8	92.3	92.3	92.8	92.9	93.4	94.0
≥500	42.8	68.6	73.5	78.9	83.8	84.8	88.7	90.2	91.0	93.0	93.7	93.7	94.3	94.4	95.1	95.6
≥400	42.8	68.6	73.5	78.9	83.8	84.8	89.0	90.6	91.4	93.5	94.3	94.3	95.2	95.3	96.[illegible]	96.6
≥300	42.8	68.6	73.7	79.0	83.9	84.9	89.2	91.0	91.8	94.1	95.1	95.1	96.1	96.2	97.0	97.5
≥200	42.8	68.6	73.7	79.0	83.9	84.9	89.2	91.0	91.8	94.2	95.2	95.2	96.3	96.5	97.3	98.2
≥100	42.8	68.6	73.7	79.0	83.9	84.9	89.2	91.0	91.8	94.2	95.2	95.2	96.3	96.5	97.3	98.4
0	42.8	68.6	73.7	79.0	83.9	84.9	89.2	91.0	91.8	94.2	95.2	95.2	96.3	96.5	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~0600-0800~~

CEILING (FEET)	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥5/16	≥0
UNLIMITED	23.9	32.4	33.9	36.1	36.9	37.3	37.7	37.8	38.1	38.3	38.3	38.3	38.3	38.3
≥20000	25.2	37.7	39.5	42.2	42.9	43.3	43.8	44.1	44.2	44.3	44.3	44.3	44.4	44.4
≥15000	28.7	38.6	41.3	43.0	43.8	44.2	44.6	44.9	45.1	45.2	45.2	45.2	45.3	45.3
≥10000	28.7	38.6	41.3	43.0	43.8	44.2	44.6	44.9	45.1	45.2	45.2	45.2	45.3	45.3
≥7000	30.0	40.2	42.0	45.3	46.1	46.6	47.0	47.3	47.4	47.5	47.5	47.5	47.6	47.6
≥5000	33.1	44.4	46.6	50.1	51.0	51.4	51.8	52.2	52.3	52.4	52.4	52.4	52.5	52.5
≥4500	35.3	48.5	51.0	54.5	55.5	55.9	56.3	56.7	56.8	56.9	56.9	56.9	57.0	57.0
≥4000	37.1	50.9	53.3	56.9	57.8	58.3	58.7	59.1	59.1	59.2	59.2	59.2	59.4	59.4
≥3500	40.0	55.1	57.6	61.7	62.8	63.2	63.8	64.1	64.2	64.4	64.4	64.4	64.5	64.5
≥3000	41.6	56.9	59.5	63.7	64.7	65.2	65.7	66.0	66.1	66.3	66.3	66.3	66.6	66.6
≥2500	42.7	58.5	61.1	65.3	66.5	66.9	67.4	67.8	68.0	68.2	68.3	68.3	68.5	68.5
≥2000	42.3	58.9	61.6	65.8	67.2	67.7	68.6	69.0	69.1	69.4	69.5	69.5	69.7	69.7
≥1800	43.3	59.8	62.5	66.8	68.2	68.8	69.7	70.1	70.2	70.4	70.5	70.5	70.8	70.8
≥1500	44.1	60.6	63.5	67.8	69.5	70.2	71.3	71.7	71.8	72.0	72.2	72.2	72.4	72.4
≥1000	44.5	61.1	64.2	68.6	70.2	71.0	72.0	72.5	72.6	72.8	72.9	72.9	73.1	73.1
≥900	45.3	62.2	65.5	69.9	71.6	72.4	73.5	74.0	74.1	74.3	74.4	74.4	74.6	74.6
≥800	46.5	62.7	66.0	70.9	72.7	73.4	74.6	75.1	75.2	75.4	75.5	75.5	75.7	75.7
≥700	45.7	63.4	67.0	72.6	74.6	75.4	76.7	77.1	77.2	77.4	77.6	77.6	77.8	77.8
≥600	45.9	63.5	67.1	72.7	74.7	75.5	76.8	77.2	77.3	77.5	77.7	77.7	78.0	78.0
≥500	46.2	64.9	69.5	75.6	78.1	79.0	80.3	80.9	81.0	81.2	81.4	81.4	81.6	81.6
≥400	46.9	66.0	70.9	77.5	80.6	81.6	82.9	83.4	83.5	83.8	84.0	84.0	84.2	84.2
≥300	47.1	66.8	72.2	79.5	82.9	83.9	85.7	86.5	86.6	86.8	87.2	87.2	87.4	87.4
≥200	47.1	67.4	72.8	81.1	83.7	84.6	86.6	87.3	87.4	87.6	88.2	88.2	88.4	88.4
≥150	47.3	68.0	73.3	80.6	84.4	85.5	87.8	88.7	88.8	89.1	89.7	89.7	89.9	89.9
≥100	47.4	68.3	73.8	81.2	85.1	86.5	88.9	89.8	90.0	90.3	91.1	91.1	91.3	91.3
≥50	47.4	68.3	74.1	81.8	86.2	87.7	90.3	91.2	91.4	92.0	92.8	92.8	93.0	93.0
≥30	47.4	68.7	74.7	82.6	87.2	88.6	91.6	92.9	93.2	94.1	95.1	95.1	95.3	95.3
≥20	47.4	68.7	74.7	82.6	87.4	89.1	92.0	93.5	94.1	94.9	96.1	96.2	96.7	96.7
≥15	47.4	68.7	74.7	82.9	87.5	89.2	92.2	93.7	94.3	95.6	97.1	97.2	98.2	98.2
≥10	47.4	68.7	74.7	82.9	87.5	89.2	92.4	93.9	94.5	95.8	97.3	97.4	98.4	98.4
≥5	47.4	68.7	74.7	82.9	87.5	89.2	92.4	93.9	94.5	95.8	97.3	97.4	98.4	98.4
0	47.4	68.7	74.7	82.9	87.5	89.2	92.4	93.9	94.5	95.8	97.3	97.4	98.4	98.9	99.6
	47.4	68.7	74.7	82.9	87.5	89.2	92.4	93.9	94.5	95.8	97.3	97.4	98.4	98.4	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-1100

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	0
UNLIMITED	30.9	37.7	38.5	39.6	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
≥20000	37.4	45.2	46.0	47.4	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥15000	38.1	46.1	47.0	48.4	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥10000	38.1	46.1	47.0	48.4	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥9000	39.7	48.0	48.9	50.3	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥8000	42.3	51.4	52.4	54.3	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥7000	44.9	55.5	56.9	58.8	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥6500	45.6	56.6	58.2	60.1	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥6000	48.2	60.1	62.0	64.0	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥5500	49.8	62.3	64.2	66.1	66.9	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥5000	51.0	63.5	65.7	67.8	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥4500	52.6	65.6	67.7	69.9	70.8	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥4000	53.2	66.2	68.4	70.5	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥3500	55.6	69.1	71.5	73.7	74.5	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥3000	56.7	70.6	73.0	75.2	76.1	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥2500	57.6	72.0	74.4	76.6	77.7	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥2000	58.5	73.0	75.6	77.7	79.1	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥1800	58.9	73.5	76.5	79.1	80.6	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥1500	59.2	74.2	77.3	80.0	81.5	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥1200	59.7	75.6	79.2	82.2	84.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥1000	60.3	77.1	81.1	84.3	86.6	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3
≥900	60.4	79.1	83.1	86.6	89.1	90.2	90.5	90.5	90.5	90.8	90.8	90.8	90.8	90.8	90.8
≥800	60.5	79.7	83.7	87.4	90.2	91.4	91.8	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0
≥700	60.6	80.4	84.5	88.5	91.5	93.0	93.9	94.0	94.1	94.3	94.3	94.3	94.3	94.3	94.3
≥600	60.6	80.6	84.9	89.1	92.5	94.0	94.9	95.2	95.4	95.6	95.6	95.6	95.6	95.6	95.6
≥500	60.6	80.8	85.5	90.1	93.7	95.2	96.2	96.5	96.7	97.1	97.1	97.1	97.1	97.1	97.1
≥400	60.6	80.9	85.6	90.3	94.3	95.8	97.4	97.6	97.8	98.6	98.7	98.7	98.7	98.7	98.7
≥300	60.6	80.9	85.6	90.3	94.3	95.8	97.5	97.8	98.2	99.0	99.1	99.1	99.1	99.1	99.1
≥200	60.6	80.9	85.6	90.3	94.3	95.8	97.6	98.0	98.3	99.2	99.6	99.6	99.6	99.7	99.8
≥100	60.6	80.9	85.6	90.3	94.3	95.8	97.6	98.0	98.3	99.4	99.7	99.7	99.7	99.8	99.9
0	60.6	80.9	85.6	90.3	94.3	95.8	97.6	98.0	98.3	99.4	99.7	99.7	99.7	99.8	99.9
	60.6	80.9	85.6	90.3	94.3	95.8	97.6	98.0	98.3	99.4	99.7	99.7	99.7	99.8	99.9

															100.0
															100.0

TOTAL NUMBER OF OBSERVATIONS 970

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724057 PHILLIPS/ABERDEEN MD 46-57 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1000-1400

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	30	26	20	24	22	20	18	16	14	12	10	8	6	4	2	0
30000	30.4	36.1	37.2	38.0	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
25000	39.6	46.6	49.1	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
20000	40.4	47.5	49.7	50.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
18000	40.4	47.5	49.0	50.4	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
16000	41.1	48.1	49.6	50.5	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
14000	43.3	51.3	52.8	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	47.0	55.4	57.2	58.6	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
10000	47.5	56.3	58.3	59.7	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
9000	50.1	59.7	61.8	63.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
8000	51.2	61.2	63.3	64.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
7000	53.7	63.8	65.9	67.5	68.6	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7
6000	56.3	67.1	69.2	71.4	72.0	72.0	72.0	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2
5000	57.3	69.0	71.2	72.9	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1
4000	62.2	73.7	75.9	77.6	78.8	78.8	78.9	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9
3500	64.1	75.6	78.1	79.9	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3
3000	66.2	78.9	81.6	83.7	85.1	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3
2500	66.9	80.1	83.1	85.3	86.8	86.9	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
2000	67.3	81.2	84.3	86.6	88.4	88.7	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
1800	67.3	81.3	84.5	87.1	88.8	89.1	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5
1600	67.6	82.3	86.2	89.1	91.0	91.3	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6
1400	68.1	83.4	87.6	91.0	93.2	93.8	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
1200	68.1	84.3	88.8	92.4	94.6	95.3	95.7	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2
1000	68.2	84.5	89.0	92.7	95.1	96.1	96.6	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2
900	68.2	84.8	89.4	93.2	95.7	96.8	97.2	97.7	97.8	98.4	98.4	98.4	98.5	98.5	98.5	98.5
800	68.2	84.9	89.5	93.3	95.8	96.9	97.3	97.8	98.0	98.6	98.6	98.6	98.7	98.7	98.7	98.7
700	68.2	85.1	89.7	93.7	96.1	97.3	97.7	98.3	98.4	99.2	99.2	99.2	99.1	99.1	99.1	99.1
600	68.2	85.1	89.7	93.7	96.1	97.3	97.7	98.3	98.5	99.4	99.5	99.5	99.6	99.6	99.6	99.6
500	68.2	85.1	89.7	93.7	96.2	97.4	97.8	98.5	98.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0
400	68.2	85.1	89.7	93.7	96.2	97.4	97.8	98.5	98.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0
300	68.2	85.1	89.7	93.7	96.2	97.4	97.8	98.5	98.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0
200	68.2	85.1	89.7	93.7	96.2	97.4	97.8	98.5	98.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0
100	68.2	85.1	89.7	93.7	96.2	97.4	97.8	98.5	98.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0
0	68.2	85.1	89.7	93.7	96.2	97.4	97.8	98.5	98.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 972

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724057 PHILLIPS/ABERDEEN MD 46-57 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	[illegible]	36	[illegible]	34	[illegible]	32	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	33.[illegible]	37.4	38.[illegible]	38.5	39.7	38.7	38.7	38.7	39.7	38.7	38.7	38.7	39.7	38.7	38.7	39.7
[illegible]	43.[illegible]	49.4	50.1	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
[illegible]	43.3	49.7	50.4	50.6	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
[illegible]	43.0	50.2	51.0	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
[illegible]	44.[illegible]	51.4	52.2	52.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
[illegible]	4[illegible].1	55.2	55.6	56.2	56.5	56.5	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
[illegible]	52.[illegible]	60.2	61.3	61.8	62.7	62.2	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
[illegible]	53.[illegible]	61.4	62.5	63.0	63.3	63.3	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
[illegible]	56.3	65.8	67.1	67.6	68.1	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
[illegible]	[illegible].6	68.0	69.2	69.8	70.2	70.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
[illegible]	61.1	7[illegible].9	72.2	72.7	73.1	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
[illegible]	63.7	73.5	74.9	75.4	75.8	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
[illegible]	64.6	74.5	75.9	76.3	76.8	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
[illegible]	68.[illegible]	7[illegible].8	80.2	81.3	81.7	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
[illegible]	69.1	80.3	82.[illegible]	83.4	83.9	83.9	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
[illegible]	70.6	82.9	84.7	86.2	86.8	86.8	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
[illegible]	71.7	84.9	87.[illegible]	88.6	89.1	89.1	89.[illegible]	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
[illegible]	72.6	86.6	89.1	91.3	91.9	91.9	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
[illegible]	72.6	87.0	89.5	91.7	92.4	92.4	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
[illegible]	72.8	87.8	9[illegible]	93.1	94.1	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
[illegible]	73.[illegible]	88.1	91.2	94.0	95.2	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
[illegible]	73.0	88.1	91.2	94.2	95.7	95.9	96.8	96.8	96.8	96.8	96.9	96.9	97.[illegible]	97.0	97.0	97.0
[illegible]	73.[illegible]	88.1	91.2	94.2	95.9	96.5	97.5	97.5	97.5	97.5	97.6	97.6	97.7	97.7	97.7	97.7
[illegible]	73.1	88.5	91.6	94.6	96.3	96.9	98.2	98.2	98.2	98.3	98.4	98.4	98.6	98.6	98.6	98.6
[illegible]	73.1	88.8	92.2	95.3	97.1	97.6	98.9	98.9	98.9	99.[illegible]	99.2	99.2	99.5	99.5	99.5	99.5
[illegible]	73.1	88.9	92.4	95.6	97.4	98.0	99.2	99.2	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.8
[illegible]	73.1	88.9	92.4	95.7	97.5	98.1	99.4	99.4	99.4	99.5	99.7	99.7	99.9	99.9	99.9	99.9
[illegible]	73.1	88.9	92.4	95.7	97.5	98.1	99.4	99.4	99.4	99.5	99.7	99.7	99.9	99.9	99.9	99.9
[illegible]	73.1	88.9	92.4	95.7	97.5	98.1	99.5	99.5	99.5	99.6	99.8	99.8	100.0	100.0	100.0	100.0
[illegible]	73.1	88.9	92.4	95.7	97.5	98.1	99.5	99.5	99.5	99.[illegible]	99.8	99.8	100.0	100.0	100.0	100.0
[illegible]	73.1	88.9	92.4	95.7	97.5	98.1	99.5	99.5	99.5	99.6	99.8	99.8	100.0	100.0	100.0	100.0
[illegible]	73.1	88.9	92.4	95.7	97.5	98.1	99.5	99.5	99.5	99.6	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 [illegible] PHILLIPS/ABERDEEN MD 4-57 [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]

[illegible]	41.2	41.5	42.2	42.5	42.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
44.1	53.4	53.5	54.[illegible]	54.4	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
44.1	53.8	57.2	54.3	54.7	54.8	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
44.3	54.2	54.3	54.7	55.2	55.3	55.5	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
45.5	56.6	56.7	57.1	57.5	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
48.7	59.5	59.9	60.2	60.8	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
52.3	64.5	65.1	65.6	66.0	66.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
52.[illegible]	65.4	65.9	66.6	67.0	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
65.7	69.5	70.1	70.5	71.2	71.4	71.5	71.5	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
71.1	72.5	73.1	73.8	74.2	74.4	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
[illegible].4	75.1	75.7	76.3	76.8	77.1	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
72.2	77.4	78.1	78.7	79.1	79.4	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
72.7	78.5	79.1	79.6	80.2	80.4	80.8	80.8	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
63.[illegible]	79.9	81.6	81.5	82.2	82.5	82.6	82.6	82.6	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
75.2	81.7	83.5	83.4	84.1	84.4	84.7	84.7	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
75.7	83.7	84.9	86.2	87.2	87.8	88.2	88.2	88.3	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
76.3	84.5	85.9	87.2	89.6	89.2	89.7	89.8	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
76.2	84.9	86.5	88.1	90.2	91.[illegible]	91.5	91.9	91.9	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
76.3	85.1	86.6	88.3	90.5	91.3	92.7	92.5	92.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
76.6	85.5	87.[illegible]	88.7	91.2	91.9	93.[illegible]	93.4	93.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
76.6	85.5	87.3	89.1	91.9	92.7	93.8	94.2	94.2	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
76.6	85.6	87.[illegible]	89.1	92.2	94.0	95.2	95.8	95.8	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
76.6	85.6	87.9	9[illegible].1	92.2	94.[illegible]	95.4	96.1	96.1	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
76.6	85.6	87.6	9[illegible].2	92.4	94.3	96.0	96.6	96.6	97.7	97.7	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
76.6	85.7	88.1	90.6	92.0	94.7	96.5	97.2	97.[illegible]	98.[illegible]	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
76.6	85.9	88.3	91.1	94.4	95.3	97.0	97.7	97.7	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
76.6	85.9	88.3	91.1	94.4	95.4	97.3	98.1	98.1	98.9	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
76.6	85.9	88.3	91.1	94.4	95.4	97.3	98.1	98.1	99.0	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
76.6	85.9	88.3	91.1	94.4	95.4	97.3	98.1	98.1	99.[illegible]	99.0	99.[illegible]	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
76.6	85.9	88.3	91.1	94.4	95.4	97.3	98.1	98.1	99.0	99.0	99.0	99.7	99.7	99.7	99.7	99.71	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

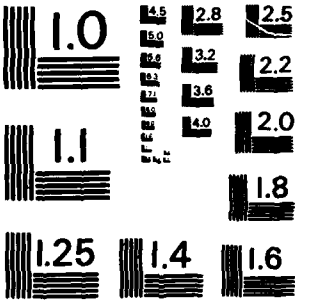
[illegible] PHILLIPS/A[illegible]HDEEN [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

AD-A137 577 PHILLIPS ABERDEEN MARYLAND REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBS..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 03 NOV 83 3/5

UNCLASSIFIED USAFETAC/DS-83/047 SBI-AD-E850 500 F/G 4/2 NL



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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724257 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2 7	≥2	≥1 2	≥1 4	≥1	≥ 3/4	≥5/8	≥ 1/2	≥5/16	≥ 3/8	≥0
NO CEILING	31.8	39.8	40.7	41.6	42.1	42.3	42.6	42.7	42.8	42.9	43.0	43.0	43.0	43.0	43.1	43.1
≥ 20000	37.5	46.9	47.9	49.0	49.5	49.7	50.0	50.2	50.2	50.4	50.5	50.5	50.5	50.6	50.6	50.7
≥ 18000	37.9	47.4	48.4	49.5	50.1	50.2	50.5	50.7	50.7	50.9	51.0	51.0	51.0	51.1	51.1	51.2
≥ 16000	38.1	47.6	48.6	49.7	50.3	50.4	50.7	50.9	50.9	51.1	51.2	51.2	51.2	51.3	51.3	51.4
≥ 14000	39.1	48.9	50.0	51.1	51.7	51.8	52.1	52.3	52.4	52.6	52.6	52.6	52.7	52.7	52.7	52.8
≥ 12000	41.5	52.2	53.3	54.7	55.3	55.4	55.8	56.0	56.0	56.2	56.3	56.3	56.3	56.4	56.4	56.5
≥ 10000	44.5	56.8	58.3	59.7	60.4	60.5	60.9	61.1	61.2	61.4	61.4	61.4	61.5	61.5	61.6	61.6
≥ 9000	45.4	58.1	59.6	61.1	61.7	61.9	62.3	62.5	62.5	62.7	62.8	62.8	62.8	62.9	62.9	63.0
≥ 8000	47.8	61.7	63.4	64.9	65.7	65.9	66.3	66.5	66.6	66.8	66.9	66.9	66.9	67.0	67.0	67.1
≥ 7000	49.7	64.2	66.0	67.6	68.4	68.6	69.1	69.3	69.3	69.6	69.6	69.6	69.7	69.7	69.8	69.9
≥ 6000	51.2	66.2	68.1	69.8	70.6	70.8	71.3	71.5	71.6	71.8	71.9	71.9	72.0	72.0	72.0	72.1
≥ 5000	52.4	68.0	69.9	71.6	72.6	72.8	73.3	73.5	73.6	73.8	73.9	73.9	74.0	74.0	74.1	74.2
≥ 4500	53.2	69.1	71.0	72.7	73.6	73.9	74.4	74.6	74.7	75.0	75.0	75.0	75.1	75.2	75.2	75.3
≥ 4000	55.0	71.4	73.4	75.3	76.3	76.6	77.1	77.4	77.4	77.7	77.8	77.8	77.9	77.9	78.0	78.1
≥ 3500	55.9	72.8	74.9	76.9	77.9	78.2	78.8	79.0	79.1	79.4	79.4	79.4	79.6	79.6	79.7	79.7
≥ 3000	56.9	74.7	77.1	79.2	80.4	80.7	81.3	81.5	81.6	81.9	82.0	82.0	82.1	82.2	82.2	82.3
≥ 2500	57.4	75.8	78.4	80.7	82.0	82.3	83.0	83.2	83.3	83.6	83.7	83.7	83.8	83.9	83.9	84.0
≥ 2000	57.8	76.6	79.4	82.1	83.6	84.0	84.8	85.1	85.2	85.5	85.6	85.6	85.7	85.7	85.8	85.9
≥ 1800	57.9	76.9	79.8	82.5	84.2	84.6	85.3	85.6	85.7	86.0	86.1	86.1	86.3	86.3	86.4	86.5
≥ 1500	58.2	77.9	81.2	84.1	86.1	86.6	87.4	87.7	87.8	88.1	88.2	88.2	88.3	88.4	88.5	88.5
≥ 1200	58.5	78.7	82.3	85.5	87.8	88.3	89.2	89.5	89.6	90.0	90.1	90.1	90.3	90.3	90.4	90.4
≥ 1000	58.6	79.4	83.3	86.8	89.5	90.1	91.4	91.8	91.9	92.4	92.6	92.6	92.8	92.8	92.9	92.9
≥ 900	58.7	79.7	83.7	87.3	90.1	90.8	92.3	92.8	92.9	93.4	93.6	93.6	93.8	93.8	93.9	94.0
≥ 800	58.8	80.1	84.1	87.7	90.7	91.6	93.3	93.9	94.0	94.7	94.8	94.8	95.1	95.1	95.2	95.3
≥ 700	58.8	80.2	84.3	88.1	91.2	92.1	93.9	94.5	94.7	95.4	95.6	95.6	95.8	95.9	95.9	96.0
≥ 600	58.8	80.4	84.6	88.6	91.9	92.9	94.8	95.4	95.6	96.4	96.6	96.6	96.9	96.9	97.0	97.1
≥ 500	58.8	80.4	84.7	88.8	92.2	93.2	95.3	96.0	96.2	97.2	97.4	97.4	97.7	97.8	97.9	98.0
≥ 400	58.8	80.4	84.7	88.8	92.3	93.3	95.4	96.2	96.5	97.5	97.8	97.8	98.2	98.2	98.3	98.4
≥ 300	58.8	80.5	84.8	88.9	92.4	93.4	95.6	96.4	96.7	97.8	98.3	98.3	98.8	98.8	99.0	99.1
≥ 200	58.8	80.5	84.8	88.9	92.4	93.4	95.7	96.5	96.8	97.9	98.4	98.4	98.9	99.0	99.2	99.4
≥ 100	58.8	80.5	84.8	88.9	92.4	93.4	95.7	96.5	96.8	97.9	98.4	98.4	99.0	99.0	99.2	99.5
≥ 0	58.8	80.5	84.8	88.9	92.4	93.4	95.7	96.5	96.8	97.9	98.4	98.4	99.0	99.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 7880

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) JUN (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	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	36.2	55.1	57.0	59.0	60.7	60.9	62.1	62.1	62.2	62.7	62.7	62.7	62.8	62.8	63.0	63.1
≥ 20000	37.9	58.0	60.0	62.0	63.7	63.9	65.1	65.1	65.2	65.7	65.7	65.7	65.8	65.8	66.0	66.1
≥ 18000	37.9	58.0	60.0	62.0	63.7	63.9	65.1	65.1	65.2	65.7	65.7	65.7	65.8	65.8	66.0	66.1
≥ 16000	37.9	58.0	60.0	62.0	63.7	63.9	65.1	65.1	65.2	65.7	65.7	65.7	65.8	65.8	66.0	66.1
≥ 14000	38.0	58.4	60.4	62.4	64.1	64.3	65.6	65.6	65.7	66.1	66.1	66.1	66.2	66.2	66.4	66.6
≥ 12000	38.2	60.1	62.1	64.1	65.8	66.0	67.2	67.2	67.3	67.8	67.8	67.8	67.9	67.9	68.1	68.2
≥ 10000	38.8	63.0	65.2	67.2	69.0	69.2	70.4	70.4	70.6	71.0	71.0	71.0	71.1	71.1	71.3	71.4
≥ 9000	39.2	64.3	66.6	68.6	70.6	70.8	72.0	72.0	72.1	72.6	72.6	72.6	72.7	72.7	72.9	73.0
≥ 8000	40.0	66.1	68.4	70.4	72.8	73.0	74.2	74.2	74.3	74.8	74.8	74.8	74.9	74.9	75.1	75.2
≥ 7000	40.8	67.2	69.7	71.7	74.0	74.2	75.6	75.6	75.7	76.1	76.1	76.1	76.2	76.2	76.4	76.6
≥ 6000	41.1	69.7	72.1	74.2	76.6	76.8	78.1	78.1	78.2	78.7	78.7	78.7	78.8	78.8	79.0	79.1
≥ 5000	41.4	70.8	73.3	75.4	77.8	78.0	79.3	79.3	79.4	79.9	79.9	79.9	80.0	80.0	80.2	80.3
≥ 4500	41.4	71.3	74.0	76.1	78.6	78.9	80.2	80.2	80.3	80.8	80.8	80.8	80.9	80.9	81.1	81.2
≥ 4000	41.9	72.9	76.1	78.3	80.8	81.1	82.7	82.7	82.8	83.2	83.2	83.2	83.3	83.3	83.6	83.7
≥ 3500	42.0	73.2	76.4	78.7	81.1	81.4	83.0	83.0	83.1	83.6	83.6	83.6	83.7	83.7	83.9	84.0
≥ 3000	42.4	74.4	78.0	80.3	82.8	83.1	84.8	84.8	84.9	85.3	85.3	85.3	85.4	85.4	85.7	85.8
≥ 2500	42.8	75.3	79.0	81.4	83.9	84.2	85.9	85.9	86.0	86.4	86.4	86.4	86.6	86.6	86.8	86.9
≥ 2000	43.7	77.2	81.3	83.9	86.4	86.8	88.4	88.4	88.6	89.0	89.0	89.0	89.1	89.1	89.3	89.4
≥ 1800	43.7	77.3	81.4	84.0	86.6	86.9	88.6	88.6	88.7	89.1	89.1	89.1	89.2	89.2	89.4	89.6
≥ 1500	44.1	78.4	82.9	85.6	88.2	88.6	90.2	90.2	90.3	90.8	90.8	90.8	90.9	90.9	91.1	91.2
≥ 1200	44.1	78.8	83.2	86.0	88.7	89.0	90.7	90.7	90.8	91.2	91.2	91.2	91.3	91.3	91.6	91.7
≥ 1000	44.2	79.7	84.2	87.2	90.7	91.0	92.7	92.8	93.0	93.4	93.4	93.4	93.6	93.6	93.8	93.9
≥ 900	44.2	80.0	84.7	87.7	91.4	91.8	93.4	93.6	93.8	94.2	94.2	94.2	94.3	94.3	94.6	94.7
≥ 800	44.2	80.4	85.3	88.3	92.1	92.6	94.2	94.4	94.7	95.1	95.1	95.1	95.2	95.2	95.4	95.6
≥ 700	44.3	80.8	85.9	88.9	92.8	93.2	95.0	95.2	95.4	96.0	96.0	96.0	96.1	96.1	96.3	96.4
≥ 600	44.3	80.9	86.2	89.6	93.8	94.2	96.1	96.3	96.6	97.1	97.1	97.1	97.2	97.2	97.4	97.6
≥ 500	44.3	81.0	86.3	89.7	94.0	94.4	96.4	96.8	97.0	97.6	97.6	97.6	97.8	97.8	98.0	98.1
≥ 400	44.3	81.1	86.4	89.9	94.2	94.7	96.8	97.1	97.3	97.9	97.9	97.9	98.2	98.2	98.4	98.6
≥ 300	44.3	81.1	86.4	89.9	94.2	94.8	97.0	97.4	97.7	98.3	98.3	98.3	98.9	98.9	99.1	99.2
≥ 200	44.3	81.1	86.4	89.9	94.2	94.8	97.0	97.4	97.7	98.3	98.3	98.3	98.9	98.9	99.3	99.4
≥ 100	44.3	81.1	86.4	89.9	94.2	94.8	97.0	97.4	97.7	98.3	98.3	98.3	98.9	98.9	99.3	99.4
≥ 0	44.4	81.2	86.6	90.0	94.3	94.9	97.1	97.6	97.8	98.4	98.4	98.4	99.0	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) JUN (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	≥0	
NO CEILING	25.8	39.6	43.4	47.0	49.6	50.1	52.0	52.7	52.9	54.0	54.4	54.4	54.8	54.8	55.1	55.9
≥ 20000	27.6	41.9	46.0	50.1	52.7	53.3	55.2	55.9	56.1	57.3	57.8	57.8	58.2	58.2	58.6	59.3
≥ 18000	27.6	42.0	46.1	50.2	52.8	53.4	55.3	56.0	56.2	57.4	57.9	57.9	58.3	58.3	58.7	59.4
≥ 16000	27.6	42.2	46.3	50.4	53.0	53.7	55.6	56.2	56.4	57.7	58.1	58.1	58.6	58.6	58.9	59.7
≥ 14000	27.9	42.8	46.9	51.0	53.6	54.2	56.1	56.8	57.0	58.2	58.7	58.7	59.1	59.1	59.4	60.2
≥ 12000	29.0	46.0	50.2	54.3	57.0	57.7	59.6	60.2	60.4	61.7	62.2	62.3	62.8	62.8	63.1	63.9
≥ 10000	29.7	48.2	52.6	56.8	59.7	60.6	62.4	63.1	63.3	64.6	65.1	65.2	65.9	65.9	66.2	67.0
≥ 9000	30.1	49.0	53.3	57.6	60.4	61.3	63.2	63.9	64.1	65.3	65.9	66.0	66.7	66.7	67.0	67.8
≥ 8000	30.2	50.2	54.6	59.2	62.3	63.2	65.2	65.9	66.1	67.3	67.9	68.0	68.7	68.7	69.0	69.8
≥ 7000	31.1	52.1	56.6	61.2	64.4	65.3	67.3	68.1	68.3	69.6	70.1	70.2	70.9	70.9	71.2	72.0
≥ 6000	31.6	54.3	58.8	63.4	66.7	67.6	69.6	70.4	70.7	71.9	72.4	72.6	73.2	73.2	73.6	74.3
≥ 5000	32.0	54.9	59.3	64.1	67.3	68.3	70.3	71.2	71.4	72.7	73.2	73.3	74.0	74.0	74.3	75.1
≥ 4500	32.0	55.1	59.7	64.4	67.7	68.7	70.7	71.6	71.8	73.0	73.6	73.7	74.3	74.3	74.7	75.4
≥ 4000	32.3	56.8	61.4	66.4	69.9	70.9	72.9	74.0	74.2	75.4	76.0	76.1	76.8	76.8	77.1	77.9
≥ 3500	32.3	57.1	61.8	66.9	70.3	71.3	73.3	74.7	74.9	76.1	76.7	76.8	77.4	77.4	77.8	78.6
≥ 3000	32.3	57.8	62.6	67.8	71.3	72.3	74.3	75.7	75.9	77.1	77.7	77.8	78.4	78.4	78.8	79.6
≥ 2500	32.7	59.3	64.1	69.4	73.1	74.2	76.3	77.7	77.9	79.1	79.7	79.8	80.4	80.4	80.8	81.6
≥ 2000	32.9	60.4	65.6	71.1	75.1	76.2	78.3	79.7	79.9	81.1	81.7	81.8	82.4	82.4	82.8	83.6
≥ 1800	32.9	60.7	65.8	71.3	75.3	76.4	78.6	79.9	80.1	81.3	81.9	82.0	82.7	82.7	83.0	83.8
≥ 1500	33.3	62.7	68.2	74.1	78.2	79.3	81.4	82.8	83.0	84.2	84.8	84.9	85.6	85.6	85.9	86.7
≥ 1200	33.9	64.3	70.7	76.7	80.9	82.3	84.4	85.8	86.0	87.2	87.8	87.9	88.6	88.6	88.9	89.7
≥ 1000	34.1	65.0	71.7	78.2	82.6	84.1	86.2	87.6	87.8	89.0	89.6	89.9	90.6	90.6	90.9	91.7
≥ 900	34.1	65.3	72.0	78.6	82.9	84.7	86.8	88.2	88.4	89.7	90.2	90.6	91.2	91.2	91.6	92.3
≥ 800	34.1	65.9	72.7	79.6	83.9	85.7	88.0	89.4	89.8	91.1	91.7	92.0	92.8	92.8	93.1	93.9
≥ 700	34.1	66.0	73.0	80.0	84.6	86.4	88.8	90.2	90.6	91.9	92.4	92.8	93.6	93.6	93.9	94.7
≥ 600	34.2	66.3	73.3	80.4	85.1	87.1	89.4	91.0	91.3	92.7	93.2	93.6	94.3	94.3	94.7	95.4
≥ 500	34.2	66.3	73.3	80.6	85.3	87.3	89.9	91.7	92.0	93.7	94.2	94.6	95.4	95.6	95.9	96.7
≥ 400	34.2	66.3	73.3	80.6	85.4	87.4	90.2	92.0	92.3	94.0	94.6	94.9	95.9	96.0	96.3	97.1
≥ 300	34.2	66.3	73.3	80.6	85.4	87.7	90.6	92.4	92.8	94.4	95.0	95.3	96.4	96.6	96.9	97.7
≥ 200	34.2	66.3	73.3	80.6	85.4	87.7	90.8	92.8	93.2	94.9	95.6	95.9	97.2	97.3	97.9	98.7
≥ 100	34.2	66.3	73.3	80.6	85.4	87.7	90.8	92.8	93.2	94.9	95.7	96.0	97.4	97.7	98.3	99.6
≥ 0	34.2	66.3	73.3	80.6	85.4	87.7	90.8	92.8	93.2	94.9	95.7	96.0	97.4	97.7	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	26.7	41.3	43.8	46.3	49.1	49.4	50.1	50.6	50.7	51.1	51.4	51.4	51.4	51.4	51.4	51.4
≥ 20000	28.6	45.0	47.7	50.4	53.4	54.0	54.8	55.2	55.3	55.8	56.1	56.1	56.1	56.1	56.1	56.1
≥ 18000	28.7	45.1	47.8	50.6	53.6	54.1	54.9	55.3	55.4	55.9	56.2	56.2	56.2	56.2	56.2	56.2
≥ 16000	28.7	45.1	47.8	50.6	53.6	54.1	54.9	55.3	55.4	55.9	56.2	56.2	56.2	56.2	56.2	56.2
≥ 14000	29.3	46.3	49.0	51.8	54.8	55.3	56.1	56.6	56.7	57.1	57.4	57.4	57.4	57.4	57.4	57.4
≥ 12000	30.9	48.9	51.8	54.7	57.7	58.3	59.2	59.7	59.8	60.2	60.6	60.6	60.6	60.6	60.6	60.6
≥ 10000	33.2	52.8	56.1	59.0	62.0	62.8	63.7	64.2	64.3	64.8	65.1	65.1	65.1	65.1	65.1	65.1
≥ 9000	33.9	53.8	57.1	60.0	63.0	63.8	64.7	65.2	65.3	65.8	66.1	66.1	66.1	66.1	66.1	66.1
≥ 8000	34.0	54.7	58.1	61.4	64.4	65.2	66.1	66.7	66.8	67.2	67.6	67.6	67.6	67.6	67.6	67.6
≥ 7000	34.8	55.7	59.4	63.0	66.0	67.0	68.0	68.6	68.7	69.1	69.4	69.4	69.4	69.4	69.4	69.4
≥ 6000	36.0	57.7	61.4	65.0	68.1	69.1	70.1	70.7	70.8	71.2	71.6	71.6	71.6	71.6	71.6	71.6
≥ 5000	36.2	58.2	62.1	65.7	68.9	70.0	71.0	71.6	71.7	72.1	72.4	72.4	72.4	72.4	72.4	72.4
≥ 4500	36.7	58.9	62.9	66.4	69.7	70.8	71.8	72.3	72.4	72.9	73.2	73.2	73.2	73.2	73.2	73.2
≥ 4000	36.9	59.8	63.8	67.3	70.6	71.8	72.8	73.3	73.4	73.9	74.2	74.2	74.2	74.2	74.2	74.2
≥ 3500	37.3	60.6	64.7	68.2	71.4	72.7	73.7	74.2	74.3	74.8	75.1	75.1	75.1	75.1	75.1	75.1
≥ 3000	37.9	62.1	66.2	69.8	73.0	74.3	75.3	75.9	76.0	76.4	76.8	76.8	76.8	76.8	76.8	76.8
≥ 2500	38.2	62.8	66.9	70.9	74.3	75.8	76.9	77.4	77.6	78.0	78.3	78.3	78.3	78.3	78.3	78.3
≥ 2000	38.6	64.1	68.4	72.6	76.2	77.7	78.9	79.6	79.7	80.3	80.7	80.7	80.7	80.7	80.7	80.7
≥ 1800	38.7	64.2	68.6	72.7	76.3	77.8	79.0	79.7	79.8	80.4	80.8	80.8	80.8	80.8	80.8	80.8
≥ 1500	39.2	66.6	70.9	75.2	79.1	80.6	81.8	82.4	82.6	83.2	83.6	83.6	83.6	83.6	83.6	83.6
≥ 1200	40.3	68.6	73.4	78.4	82.7	84.2	85.4	86.2	86.3	87.0	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1000	40.9	70.0	75.4	80.6	84.9	86.7	88.1	89.1	89.2	90.1	90.4	90.4	90.4	90.4	90.4	90.4
≥ 900	40.9	70.4	75.9	81.0	85.4	87.3	88.8	89.8	89.9	90.8	91.1	91.1	91.1	91.1	91.1	91.1
≥ 800	41.1	70.9	76.3	81.4	86.1	88.2	89.9	91.0	91.1	92.1	92.4	92.4	92.4	92.4	92.4	92.4
≥ 700	41.1	71.7	77.2	82.4	87.3	89.4	91.2	92.3	92.4	93.6	93.9	93.9	93.9	93.9	93.9	93.9
≥ 600	41.1	71.9	77.4	82.7	88.0	90.3	92.4	93.9	94.2	95.3	95.7	95.7	95.7	95.7	95.7	95.7
≥ 500	41.1	72.0	77.6	83.1	88.8	91.3	93.4	95.2	95.6	97.2	97.6	97.6	97.6	97.6	97.6	97.6
≥ 400	41.1	72.1	77.7	83.2	89.0	92.0	94.1	95.9	96.2	98.0	98.3	98.3	98.3	98.3	98.3	98.4
≥ 300	41.1	72.1	77.7	83.2	89.1	92.1	94.2	96.1	96.4	98.3	98.8	98.9	98.9	98.9	98.9	99.0
≥ 200	41.1	72.1	77.7	83.2	89.2	92.3	94.4	96.3	96.7	98.6	99.0	99.1	99.2	99.2	99.2	99.3
≥ 100	41.1	72.1	77.7	83.2	89.2	92.3	94.4	96.3	96.7	98.6	99.0	99.1	99.2	99.2	99.3	99.6
≥ 0	41.1	72.1	77.7	83.2	89.2	92.3	94.4	96.3	96.7	98.6	99.0	99.1	99.2	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	36.6	48.0	50.2	51.6	52.6	52.7	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 20000	40.2	52.9	55.1	56.8	57.8	57.6	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 18000	40.2	53.0	55.2	56.6	57.6	57.7	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 16000	40.3	53.1	55.3	56.7	57.7	57.8	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 14000	41.2	54.2	56.4	57.8	58.8	58.9	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 12000	42.5	56.7	59.0	60.3	61.3	61.4	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 10000	44.4	59.6	62.0	63.4	64.4	64.6	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 9000	44.6	59.9	62.4	63.9	64.9	65.0	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 8000	45.3	61.4	64.1	65.8	66.9	67.0	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 7000	45.7	62.1	64.9	66.6	67.7	67.8	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 6000	46.7	63.4	66.4	68.1	69.3	69.4	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 5000	47.4	65.1	68.2	69.9	71.1	71.2	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 4500	48.4	66.7	69.8	71.4	72.7	72.8	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 4000	50.0	68.9	72.2	74.0	75.2	75.3	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 3500	50.3	69.7	73.0	75.0	76.2	76.3	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 3000	52.6	72.7	76.2	78.2	79.6	79.8	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 2500	53.6	73.9	77.4	79.9	81.2	81.4	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 2000	55.0	76.6	80.3	83.0	84.3	84.6	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 1800	55.4	77.1	80.9	83.6	84.9	85.1	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 1500	56.7	80.0	84.0	86.7	88.0	88.4	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1200	56.9	82.4	86.7	89.3	90.8	91.2	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1000	56.9	84.1	88.6	91.4	92.9	93.4	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 900	56.9	84.1	88.7	91.6	93.2	93.8	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 800	57.0	84.3	89.0	92.1	93.9	94.6	95.7	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 700	57.1	84.9	89.8	92.9	94.8	95.8	97.2	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 600	57.1	84.9	89.9	93.0	94.9	95.9	97.4	97.8	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 500	57.1	84.9	90.0	93.1	95.1	96.3	98.1	98.6	98.7	99.4	99.4	99.4	99.7	99.7	99.7	99.7
≥ 400	57.1	84.9	90.0	93.2	95.3	96.6	98.3	98.8	98.9	99.7	99.7	99.7	99.9	99.9	99.9	99.9
≥ 300	57.1	84.9	90.0	93.2	95.3	96.6	98.4	98.9	99.0	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 200	57.1	84.9	90.0	93.2	95.3	96.6	98.4	98.9	99.0	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 100	57.1	84.9	90.0	93.2	95.3	96.6	98.4	98.9	99.0	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 0	57.1	84.9	90.0	93.2	95.3	96.6	98.4	98.9	99.0	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (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	37.0	47.9	49.0	49.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 20000	43.4	55.4	56.8	57.6	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 18000	44.0	56.2	57.7	58.4	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 16000	44.0	56.2	57.7	58.4	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 14000	45.0	57.4	58.9	59.7	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 12000	46.7	60.0	61.6	62.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 10000	49.0	64.7	66.2	67.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 9000	49.9	65.9	67.4	68.4	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 8000	50.8	67.6	69.3	70.4	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 7000	51.4	68.3	70.1	71.2	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 6000	52.9	69.8	71.8	73.0	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 5000	54.9	71.9	73.9	75.1	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 4500	56.6	73.8	75.9	77.1	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 4000	59.1	77.4	79.8	81.2	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 3500	60.1	78.9	81.2	82.7	83.3	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 3000	62.1	82.8	85.1	86.6	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 2500	62.6	84.2	86.7	88.1	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 2000	63.3	85.7	88.2	89.9	90.7	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1800	63.4	86.7	89.2	90.9	91.8	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1500	64.2	88.4	91.0	92.8	93.7	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1200	64.4	89.3	92.3	94.1	95.1	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1000	64.4	90.0	93.2	95.0	96.1	96.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 900	64.4	90.1	93.4	95.2	96.6	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 800	64.6	90.4	94.1	95.9	97.3	97.7	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 700	64.7	90.6	94.2	96.1	97.9	98.6	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	64.7	90.6	94.3	96.2	98.0	98.7	99.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	64.7	90.6	94.3	96.2	98.0	98.7	99.1	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400	64.7	90.6	94.3	96.3	98.1	98.8	99.2	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	64.7	90.6	94.3	96.3	98.1	98.8	99.2	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	64.7	90.6	94.3	96.3	98.1	98.8	99.2	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	64.7	90.6	94.3	96.3	98.1	98.8	99.2	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	64.7	90.6	94.3	96.3	98.1	98.8	99.2	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	42.9	52.8	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 20000	49.0	60.6	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 18000	49.9	61.4	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 16000	50.0	61.6	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 14000	51.2	63.0	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 12000	53.3	66.3	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 10000	55.7	70.7	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 9000	56.6	71.8	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 8000	57.3	72.8	74.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 7000	58.2	74.1	75.8	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 6000	59.2	75.3	77.0	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 5000	61.3	78.1	79.8	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 4500	62.1	79.4	81.1	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 4000	63.4	82.2	84.1	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 3500	63.9	83.1	85.0	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 3000	65.0	85.1	87.0	88.2	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 2500	66.6	87.6	89.4	90.9	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2000	67.1	89.4	91.6	93.1	93.8	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1800	67.3	90.2	92.3	93.9	94.6	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1500	67.7	90.8	93.0	94.6	95.3	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1200	67.7	91.0	93.4	95.1	95.9	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1000	67.7	91.8	94.7	96.6	97.3	97.7	98.0	98.0	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 900	67.7	91.8	94.7	96.6	97.3	97.7	98.1	98.1	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	67.7	91.9	94.8	96.7	97.6	97.9	98.3	98.3	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	67.7	91.9	94.8	96.7	97.6	98.0	98.4	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	67.7	91.9	94.8	96.7	97.6	98.0	99.1	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	67.8	92.0	94.9	96.8	97.7	98.1	99.2	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	67.8	92.1	95.0	96.9	97.8	98.2	99.3	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	67.8	92.1	95.0	96.9	97.8	98.2	99.3	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	67.8	92.1	95.0	96.9	97.8	98.2	99.3	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	67.8	92.1	95.0	96.9	97.8	98.2	99.3	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	67.8	92.1	95.0	96.9	97.8	98.2	99.3	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	44.4	55.4	56.8	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 20000	49.9	62.3	63.7	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 18000	50.1	62.6	63.9	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 16000	50.1	62.6	63.9	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 14000	50.9	64.0	65.3	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 12000	53.1	68.4	70.3	70.8	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 10000	55.4	72.7	74.7	75.1	75.1	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 9000	57.1	74.4	76.4	76.9	76.9	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 8000	58.4	76.7	78.7	79.2	79.2	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 7000	59.7	78.6	80.6	81.2	81.2	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 6000	61.0	80.1	82.1	82.8	82.8	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 5000	61.7	81.4	83.4	84.2	84.2	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 4500	62.2	82.4	84.7	85.6	85.7	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 4000	62.6	83.1	85.3	86.2	86.4	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 3500	62.8	84.0	86.2	87.1	87.4	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 3000	63.1	85.3	87.6	89.1	89.4	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 2500	63.7	86.2	88.7	90.4	90.8	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 2000	64.7	87.9	90.8	92.8	93.2	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1800	64.8	88.2	91.1	93.1	93.6	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1500	65.0	89.1	92.2	94.2	94.7	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1200	65.1	90.0	93.2	95.3	95.9	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1000	65.2	90.4	94.0	96.3	97.0	97.6	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	65.2	90.6	94.1	96.4	97.1	97.8	98.2	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800	65.2	90.7	94.2	96.6	97.2	97.9	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	65.2	90.7	94.2	96.6	97.2	97.9	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	65.3	90.9	94.4	96.8	97.4	98.1	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	65.3	90.9	94.4	96.8	97.4	98.1	99.3	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	65.3	90.9	94.4	96.8	97.4	98.1	99.3	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	65.3	90.9	94.4	96.8	97.4	98.1	99.3	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	65.3	90.9	94.4	96.8	97.4	98.1	99.3	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	65.3	90.9	94.4	96.8	97.4	98.1	99.3	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	65.3	90.9	94.4	96.8	97.4	98.1	99.3	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	43.7	60.7	62.2	63.8	64.6	64.6	64.8	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.1
≥ 20000	45.6	63.8	65.3	67.0	67.8	67.8	68.0	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.3
≥ 18000	45.7	63.9	65.4	67.1	67.9	67.9	68.1	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.4
≥ 16000	45.7	63.9	65.4	67.1	67.9	67.9	68.1	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.4
≥ 14000	45.7	64.3	66.1	67.8	68.6	68.6	68.8	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.1
≥ 12000	46.4	67.3	69.3	71.2	72.0	72.1	72.4	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.8
≥ 10000	47.3	69.8	71.9	73.8	74.6	74.7	75.0	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.3
≥ 9000	48.2	70.9	73.0	74.9	75.7	75.8	76.1	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.4
≥ 8000	48.9	73.2	75.4	77.3	78.1	78.2	78.7	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	79.0
≥ 7000	49.8	74.9	77.2	79.2	80.0	80.1	80.6	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.9
≥ 6000	50.1	76.3	78.8	80.8	81.6	81.7	82.1	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.4
≥ 5000	50.6	77.6	80.0	82.0	82.8	82.9	83.3	83.4	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.7
≥ 4500	50.9	78.6	81.0	83.2	84.0	84.1	84.6	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	85.0
≥ 4000	51.0	80.9	83.3	86.1	87.0	87.1	87.6	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.1
≥ 3500	51.2	81.6	84.0	86.8	87.7	87.8	88.2	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.8
≥ 3000	51.4	82.7	85.1	87.9	88.8	88.9	89.4	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	90.0
≥ 2500	51.9	83.6	86.1	88.9	89.8	89.9	90.6	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.1
≥ 2000	52.9	85.2	87.9	90.8	91.7	91.8	92.4	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	93.0
≥ 1800	52.9	85.4	88.1	91.0	91.9	92.0	92.7	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.2
≥ 1500	53.0	86.1	88.8	91.7	92.6	92.7	93.3	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	94.0
≥ 1200	53.0	86.4	89.2	92.2	93.1	93.2	93.9	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.6
≥ 1000	53.2	87.2	90.1	93.2	94.3	94.4	95.2	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.9
≥ 900	53.4	87.9	90.9	94.1	95.2	95.3	96.2	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.9
≥ 800	53.4	88.2	91.2	94.4	95.6	95.7	96.6	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.2
≥ 700	53.4	88.6	91.6	94.8	95.9	96.0	97.0	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.7
≥ 600	53.4	88.7	91.8	95.3	96.6	96.9	97.9	98.2	98.2	98.4	98.6	98.6	98.7	98.7	98.7	98.8
≥ 500	53.4	88.7	91.8	95.3	96.6	96.9	98.0	98.3	98.3	98.7	98.8	98.8	98.9	98.9	98.9	99.0
≥ 400	53.4	88.8	91.9	95.6	96.9	97.2	98.3	98.7	98.7	99.1	99.2	99.2	99.3	99.3	99.3	99.4
≥ 300	53.4	88.8	91.9	95.6	96.9	97.2	98.3	98.7	98.7	99.6	99.7	99.7	99.8	99.8	99.8	99.9
≥ 200	53.4	88.8	91.9	95.6	96.9	97.2	98.3	98.7	98.7	99.6	99.7	99.7	99.9	99.9	99.9	100.0
≥ 100	53.4	88.8	91.9	95.6	96.9	97.2	98.3	98.7	98.7	99.6	99.7	99.7	99.9	99.9	99.9	100.0
≥ 0	53.4	88.8	91.9	95.6	96.9	97.2	98.3	98.7	98.7	99.6	99.7	99.7	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥½	≥5/16	≥¼	≥0
NO CEILING	36.6	50.1	52.0	53.5	54.7	54.8	55.3	55.5	55.6	55.8	55.9	55.9	56.0	56.0	56.0	56.2
≥ 20000	40.3	55.0	57.0	58.6	59.8	60.0	60.5	60.7	60.8	61.0	61.1	61.1	61.2	61.2	61.3	61.4
≥ 18000	40.5	55.3	57.3	58.9	60.1	60.3	60.8	61.0	61.1	61.3	61.4	61.4	61.5	61.5	61.6	61.7
≥ 16000	40.5	55.3	57.3	59.0	60.2	60.4	60.9	61.1	61.1	61.4	61.5	61.5	61.6	61.6	61.6	61.8
≥ 14000	41.2	56.3	58.4	60.0	61.2	61.4	61.9	62.1	62.1	62.4	62.5	62.5	62.6	62.6	62.7	62.8
≥ 12000	42.6	59.2	61.5	63.2	64.4	64.7	65.2	65.4	65.4	65.7	65.8	65.8	65.9	65.9	66.0	66.1
≥ 10000	44.2	62.7	65.1	66.8	68.1	68.3	68.9	69.1	69.2	69.4	69.6	69.6	69.7	69.7	69.7	69.9
≥ 9000	44.9	63.8	66.2	68.0	69.2	69.5	70.1	70.3	70.3	70.6	70.7	70.7	70.8	70.8	70.9	71.0
≥ 8000	45.6	65.3	67.9	69.8	71.2	71.4	72.1	72.3	72.3	72.6	72.7	72.7	72.8	72.8	72.9	73.0
≥ 7000	46.4	66.6	69.3	71.3	72.7	73.0	73.7	73.8	73.9	74.2	74.3	74.3	74.4	74.4	74.5	74.6
≥ 6000	47.3	68.3	71.1	73.1	74.6	74.9	75.5	75.8	75.8	76.1	76.2	76.2	76.3	76.3	76.4	76.5
≥ 5000	48.2	69.8	72.5	74.7	76.1	76.4	77.1	77.3	77.4	77.7	77.8	77.8	77.9	77.9	78.0	78.1
≥ 4500	48.8	70.8	73.6	75.8	77.3	77.6	78.3	78.6	78.6	78.9	79.0	79.0	79.1	79.1	79.2	79.3
≥ 4000	49.7	72.8	75.8	78.1	79.7	80.0	80.8	81.1	81.1	81.4	81.5	81.5	81.6	81.6	81.7	81.8
≥ 3500	50.0	73.5	76.5	78.9	80.5	80.9	81.6	81.9	82.0	82.3	82.4	82.4	82.5	82.5	82.6	82.7
≥ 3000	50.9	75.4	78.5	81.0	82.6	83.0	83.8	84.1	84.1	84.4	84.5	84.5	84.6	84.6	84.7	84.8
≥ 2500	51.5	76.6	79.8	82.5	84.2	84.6	85.4	85.7	85.8	86.1	86.2	86.2	86.3	86.3	86.3	86.5
≥ 2000	52.3	78.3	81.8	84.6	86.4	86.9	87.8	88.1	88.1	88.4	88.5	88.6	88.7	88.7	88.7	88.8
≥ 1800	52.4	78.7	82.2	85.1	86.9	87.3	88.2	88.5	88.6	88.9	89.0	89.0	89.1	89.1	89.2	89.3
≥ 1500	52.9	80.3	83.9	86.8	88.7	89.2	90.1	90.4	90.5	90.8	90.9	90.9	91.0	91.0	91.1	91.2
≥ 1200	53.2	81.4	85.3	88.4	90.4	90.9	91.8	92.2	92.2	92.5	92.7	92.7	92.8	92.8	92.8	93.0
≥ 1000	53.3	82.3	86.5	89.8	92.0	92.7	93.7	94.1	94.2	94.5	94.7	94.7	94.8	94.8	94.9	95.0
≥ 900	53.4	82.5	86.8	90.1	92.4	93.2	94.2	94.7	94.8	95.1	95.2	95.3	95.4	95.4	95.4	95.6
≥ 800	53.4	82.8	87.2	90.6	93.0	93.8	94.9	95.3	95.5	95.9	96.0	96.1	96.2	96.2	96.2	96.4
≥ 700	53.5	83.1	87.6	91.0	93.5	94.4	95.6	96.1	96.2	96.7	96.8	96.9	97.0	97.0	97.0	97.2
≥ 600	53.5	83.3	87.8	91.3	93.9	94.9	96.3	96.9	97.1	97.5	97.7	97.7	97.8	97.8	97.9	98.0
≥ 500	53.5	83.3	87.8	91.4	94.1	95.2	96.7	97.4	97.5	98.3	98.4	98.4	98.6	98.6	98.7	98.8
≥ 400	53.5	83.3	87.9	91.6	94.3	95.4	97.0	97.6	97.8	98.5	98.7	98.7	98.9	99.0	99.0	99.2
≥ 300	53.5	83.3	87.9	91.6	94.3	95.4	97.1	97.8	97.9	98.8	98.9	99.0	99.2	99.3	99.3	99.5
≥ 200	53.5	83.3	87.9	91.6	94.3	95.5	97.1	97.8	98.0	98.8	99.0	99.1	99.4	99.4	99.5	99.7
≥ 100	53.5	83.3	87.9	91.6	94.3	95.5	97.1	97.8	98.0	98.8	99.0	99.1	99.4	99.5	99.6	99.8
≥ 0	53.5	83.4	87.9	91.6	94.3	95.5	97.1	97.9	98.0	98.9	99.0	99.1	99.4	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	0
NO CEILING	32.7	55.4	59.9	62.7	64.0	64.3	64.7	64.8	64.9	65.4	65.4	65.4	65.5	65.5	65.5	65.5
≥ 20000	34.7	58.4	62.9	65.9	67.2	67.5	68.2	68.3	68.4	68.9	68.9	68.9	69.0	69.0	69.0	69.0
≥ 18000	34.7	58.4	63.0	66.0	67.3	67.6	68.3	68.4	68.5	69.0	69.0	69.0	69.1	69.1	69.1	69.1
≥ 16000	34.7	58.5	63.3	66.3	67.6	68.1	68.7	68.8	68.9	69.5	69.5	69.5	69.6	69.6	69.6	69.6
≥ 14000	35.3	59.6	64.5	67.6	68.9	69.5	70.1	70.3	70.4	71.0	71.0	71.0	71.1	71.1	71.1	71.1
≥ 12000	36.7	64.4	69.1	72.3	73.5	74.1	74.7	74.9	75.1	75.6	75.6	75.6	75.7	75.7	75.7	75.7
≥ 10000	36.0	68.1	73.7	76.9	78.3	78.8	79.5	79.7	79.8	80.5	80.5	80.5	80.6	80.6	80.6	80.6
≥ 9000	38.2	68.6	74.2	77.4	78.8	79.4	80.0	80.2	80.3	81.1	81.1	81.1	81.2	81.2	81.2	81.2
≥ 8000	39.2	71.7	77.4	80.9	82.3	82.8	83.4	83.7	83.8	84.5	84.5	84.5	84.6	84.6	84.6	84.6
≥ 7000	39.9	72.5	78.4	81.8	83.2	83.8	84.4	84.6	84.7	85.5	85.5	85.5	85.6	85.6	85.6	85.6
≥ 6000	40.4	73.2	79.1	82.6	84.0	84.5	85.2	85.4	85.5	86.2	86.2	86.2	86.3	86.3	86.3	86.3
≥ 5000	40.4	73.7	79.6	83.0	84.4	84.9	85.6	85.8	85.9	86.7	86.7	86.7	86.8	86.8	86.8	86.8
≥ 4500	40.5	73.8	79.8	83.2	84.6	85.2	85.8	86.0	86.1	86.9	86.9	86.9	87.0	87.0	87.0	87.0
≥ 4000	40.8	74.3	80.4	84.2	85.7	86.2	86.9	87.1	87.2	88.0	88.0	88.0	88.1	88.1	88.1	88.1
≥ 3500	40.9	74.7	81.0	84.7	86.2	86.8	87.4	87.6	87.7	88.5	88.5	88.5	88.6	88.6	88.6	88.6
≥ 3000	41.0	76.2	82.6	86.5	88.1	88.6	89.2	89.5	89.6	90.3	90.3	90.3	90.4	90.4	90.4	90.4
≥ 2500	41.2	77.3	83.9	87.7	89.4	89.9	90.5	90.8	90.9	91.6	91.6	91.6	91.7	91.7	91.7	91.7
≥ 2000	41.5	78.3	84.9	88.9	90.6	91.2	91.8	92.0	92.2	92.9	92.9	92.9	93.0	93.0	93.0	93.0
≥ 1800	41.5	78.7	85.4	89.4	91.1	91.6	92.3	92.5	92.6	93.3	93.3	93.3	93.4	93.4	93.4	93.4
≥ 1500	41.5	79.6	86.3	90.4	92.3	92.9	93.5	93.8	93.9	94.6	94.6	94.6	94.7	94.7	94.7	94.7
≥ 1200	41.5	80.3	87.2	91.4	93.2	94.0	94.6	94.8	94.9	95.8	95.8	95.8	95.9	95.9	95.9	95.9
≥ 1000	41.5	80.4	88.1	92.3	94.2	94.9	95.7	95.9	96.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1
≥ 900	41.6	80.8	88.4	92.6	94.5	95.3	96.0	96.3	96.5	97.4	97.4	97.4	97.5	97.5	97.5	97.5
≥ 800	41.6	80.9	88.5	92.7	94.6	95.4	96.1	96.5	96.6	97.5	97.5	97.5	97.7	97.7	97.7	97.7
≥ 700	41.6	81.0	88.6	92.8	94.7	95.5	96.2	96.6	96.7	97.6	97.6	97.6	97.8	97.8	97.8	97.8
≥ 600	41.6	81.0	88.7	92.9	94.8	95.6	96.3	96.8	96.9	97.8	97.8	97.8	98.1	98.1	98.1	98.1
≥ 500	41.6	81.0	88.7	92.9	95.4	96.2	97.3	98.0	98.1	99.1	99.1	99.1	99.4	99.4	99.4	99.4
≥ 400	41.6	81.0	88.7	92.9	95.4	96.5	97.5	98.2	98.3	99.4	99.5	99.5	99.8	99.8	99.8	99.8
≥ 300	41.6	81.0	88.7	92.9	95.4	96.5	97.5	98.2	98.3	99.5	99.6	99.6	99.9	99.9	99.9	99.9
≥ 200	41.6	81.0	88.7	92.9	95.4	96.5	97.5	98.2	98.3	99.5	99.6	99.6	99.9	99.9	99.9	99.9
≥ 100	41.6	81.0	88.7	92.9	95.4	96.5	97.5	98.2	98.3	99.5	99.6	99.6	99.9	99.9	99.9	99.9
≥ 0	41.6	81.0	88.7	92.9	95.4	96.5	97.5	98.2	98.3	99.5	99.6	99.6	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724157 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0100-1500

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥2	≥1¾	≥1½	≥1¼	≥1	≥1	≥5/8	≥½	≥0
NO CEILING	23.2	41.3	46.0	49.4	52.3	53.1	54.3	55.7	56.2	57.2	57.4	57.5	58.0	58.2	58.6	58.6
≥ 20000	24.9	45.7	50.9	54.7	58.1	58.9	60.1	61.6	62.2	63.1	63.3	63.4	63.9	64.1	64.5	64.5
≥ 18000	25.3	46.3	51.5	55.4	58.8	59.7	60.9	62.4	62.9	63.9	64.1	64.2	64.6	64.8	65.3	65.3
≥ 16000	25.3	46.5	51.8	55.7	59.2	60.1	61.3	62.8	63.3	64.3	64.5	64.6	65.1	65.3	65.7	65.7
≥ 14000	25.6	47.4	52.9	56.8	60.3	61.2	62.4	63.9	64.4	65.5	65.8	65.9	66.3	66.6	67.0	67.0
≥ 12000	26.1	50.5	56.3	60.6	64.9	65.9	67.2	68.7	69.2	70.5	70.9	71.0	71.4	71.6	72.0	72.0
≥ 10000	27.8	54.5	60.4	65.5	70.2	71.2	72.5	74.0	74.5	75.9	76.2	76.3	76.8	77.0	77.4	77.4
≥ 9000	28.8	55.9	62.0	67.2	71.9	72.9	74.3	75.8	76.3	77.7	78.1	78.2	78.6	78.8	79.2	79.2
≥ 8000	29.8	58.1	64.4	69.9	74.8	75.8	77.3	78.8	79.4	80.8	81.1	81.2	81.6	81.8	82.3	82.3
≥ 7000	30.2	59.5	65.9	71.4	76.6	77.5	79.0	80.5	81.1	82.5	82.8	82.9	83.3	83.5	84.0	84.0
≥ 6000	30.3	60.2	66.9	72.4	77.5	78.5	80.0	81.5	82.0	83.4	83.8	83.9	84.3	84.5	84.9	84.9
≥ 5000	30.6	61.0	67.6	73.1	78.3	79.2	80.8	82.3	82.8	84.2	84.5	84.6	85.1	85.3	85.7	85.7
≥ 4500	30.6	61.2	67.8	73.3	78.5	79.5	81.0	82.5	83.0	84.4	84.7	84.8	85.3	85.5	85.9	85.9
≥ 4000	30.6	61.6	68.3	74.1	79.2	80.2	81.7	83.2	83.8	85.2	85.5	85.6	86.0	86.2	86.7	86.7
≥ 3500	30.8	62.2	69.8	74.6	79.8	80.8	82.3	83.8	84.3	85.7	86.0	86.1	86.6	86.8	87.2	87.2
≥ 3000	30.8	62.7	69.5	75.3	80.4	81.4	82.9	84.4	84.9	86.3	86.7	86.8	87.2	87.4	87.8	87.8
≥ 2500	31.4	64.6	71.4	77.2	82.4	83.3	84.8	86.3	86.9	88.3	88.6	88.7	89.1	89.4	89.8	89.8
≥ 2000	31.4	65.4	72.4	78.5	83.8	84.7	86.2	87.7	88.3	89.7	90.0	90.1	90.6	90.9	91.3	91.3
≥ 1800	31.4	65.4	72.4	78.6	83.9	84.8	86.3	87.8	88.4	89.8	90.1	90.2	90.8	91.0	91.4	91.4
≥ 1500	31.6	66.6	73.5	79.9	85.4	86.3	88.0	89.5	90.0	91.4	91.7	91.8	92.4	92.6	93.0	93.0
≥ 1200	31.6	66.6	74.0	80.3	86.0	87.0	88.7	90.3	90.9	92.3	92.6	92.7	93.2	93.4	93.9	93.9
≥ 1000	31.8	68.0	75.3	81.6	87.5	88.5	90.3	92.0	92.6	94.0	94.3	94.4	94.9	95.2	95.6	95.6
≥ 900	31.8	68.1	75.5	81.8	87.8	88.8	90.8	92.5	93.0	94.4	94.7	94.8	95.4	95.6	96.0	96.0
≥ 800	31.8	68.3	75.7	82.2	88.2	89.1	91.1	92.8	93.3	94.7	95.1	95.2	95.7	95.9	96.3	96.3
≥ 700	31.9	68.5	75.9	82.4	88.5	89.5	91.4	93.1	93.7	95.1	95.4	95.5	96.1	96.3	96.8	96.8
≥ 600	31.9	68.7	76.1	82.6	88.7	89.7	91.7	93.4	94.0	95.4	95.7	95.8	96.5	96.7	97.1	97.1
≥ 500	31.9	68.8	76.2	82.8	89.6	90.5	92.6	94.4	94.9	96.3	96.7	96.8	97.7	98.0	98.4	98.4
≥ 400	31.9	68.8	76.2	82.8	89.7	90.9	92.9	94.7	95.3	96.7	97.0	97.1	98.1	98.3	98.7	98.7
≥ 300	31.9	68.8	76.2	82.8	89.7	90.9	92.9	94.8	95.4	97.0	97.3	97.4	98.5	98.7	99.1	99.1
≥ 200	31.9	68.8	76.2	82.8	89.7	90.9	92.9	94.9	95.5	97.2	97.6	97.7	99.0	99.2	99.7	99.7
≥ 100	31.9	68.8	76.2	82.8	89.7	90.9	92.9	94.9	95.5	97.2	97.6	97.7	99.1	99.4	99.8	99.9
≥ 0	31.9	68.8	76.2	82.8	89.7	90.9	92.9	94.9	95.5	97.2	97.6	97.7	99.1	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 1 Dec 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724257 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (GMT)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥ 5/16	≥¼	0
NO CEILING	24.5	41.6	44.2	47.3	49.2	50.1	51.1	51.5	51.5	51.7	51.8	51.8	51.8	51.8	51.8	51.8
≥ 20000	27.2	47.5	50.2	54.1	56.6	57.4	58.4	58.9	58.9	59.1	59.2	59.2	59.2	59.2	59.2	59.2
≥ 18000	27.3	48.3	51.0	54.8	57.3	58.2	59.1	59.7	59.7	59.9	60.0	60.0	60.0	60.0	60.0	60.0
≥ 6000	27.5	48.9	51.9	55.8	58.3	59.1	60.1	60.6	60.6	60.9	61.0	61.0	61.0	61.0	61.0	61.0
≥ 4000	29.2	50.9	54.0	58.3	60.9	61.7	62.7	63.2	63.2	63.4	63.7	63.7	63.7	63.7	63.7	63.7
≥ 2000	31.5	54.6	58.0	62.6	65.3	66.2	67.3	67.8	67.8	68.3	68.6	68.6	68.6	68.6	68.6	68.6
≥ 10000	32.8	58.7	62.7	67.8	70.6	71.6	73.0	73.5	73.5	74.0	74.3	74.3	74.3	74.3	74.3	74.3
≥ 9000	34.1	60.4	64.5	69.8	72.7	73.7	75.1	75.6	75.6	76.0	76.3	76.3	76.3	76.3	76.3	76.3
≥ 8000	34.9	62.6	67.0	72.5	75.4	76.3	78.0	78.5	78.5	78.9	79.2	79.2	79.2	79.2	79.2	79.2
≥ 7000	35.3	63.8	68.3	73.8	76.7	77.6	79.2	79.8	79.8	80.2	80.5	80.5	80.5	80.5	80.5	80.5
≥ 6000	36.5	64.6	69.4	74.8	77.7	78.7	80.3	80.9	80.9	81.3	81.6	81.6	81.6	81.6	81.6	81.6
≥ 5000	36.8	65.9	70.6	76.1	79.0	80.1	81.9	82.5	82.5	82.9	83.2	83.2	83.2	83.2	83.2	83.2
≥ 4500	37.0	66.5	71.3	76.8	79.7	80.8	82.6	83.1	83.1	83.5	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4000	37.3	67.0	71.9	77.4	80.3	81.4	83.2	83.8	83.8	84.2	84.5	84.5	84.5	84.5	84.5	84.5
≥ 3500	37.6	67.6	72.6	78.1	81.1	82.2	84.0	84.5	84.5	84.9	85.3	85.3	85.3	85.3	85.3	85.3
≥ 3000	38.2	68.3	73.2	78.8	81.8	82.9	84.8	85.4	85.4	85.8	86.1	86.1	86.1	86.1	86.1	86.1
≥ 2500	38.2	69.1	74.1	79.6	82.8	83.9	85.8	86.3	86.3	86.8	87.1	87.1	87.1	87.1	87.1	87.1
≥ 2000	38.6	70.1	75.1	80.8	83.8	84.8	86.8	87.3	87.4	87.8	88.2	88.2	88.2	88.2	88.3	88.3
≥ 1800	38.8	70.5	75.5	81.2	84.3	85.4	87.3	87.8	88.0	88.4	88.7	88.7	88.7	88.7	88.8	88.8
≥ 1500	39.1	71.1	76.0	82.0	85.3	86.3	88.3	88.8	88.9	89.4	89.7	89.7	89.7	89.7	89.8	89.3
≥ 1200	39.4	72.0	77.2	83.2	86.7	88.2	90.4	91.0	91.2	91.6	91.9	91.9	91.9	91.9	92.0	92.0
≥ 1000	39.6	73.1	78.7	84.7	88.7	90.4	92.8	93.4	93.7	94.1	94.4	94.4	94.4	94.4	94.5	94.5
≥ 900	39.6	73.1	78.7	84.7	88.9	90.6	93.0	93.7	93.9	94.3	94.6	94.6	94.6	94.6	94.7	94.7
≥ 800	39.8	73.5	79.5	85.5	89.7	91.4	93.8	94.4	94.6	95.1	95.4	95.4	95.4	95.4	95.5	95.5
≥ 700	39.8	73.8	79.7	85.7	90.1	91.8	94.2	94.8	95.1	95.5	95.8	95.8	95.8	95.8	95.9	95.9
≥ 600	39.8	73.9	79.8	85.8	90.4	92.4	94.8	95.6	95.8	96.2	96.6	96.6	96.6	96.6	96.7	96.7
≥ 500	39.8	74.3	80.4	86.7	91.7	93.8	96.5	97.2	97.4	97.8	98.2	98.2	98.2	98.2	98.3	98.3
≥ 400	39.8	74.3	80.4	86.7	91.7	93.8	96.6	97.4	97.6	98.1	98.4	98.4	98.4	98.4	98.5	98.5
≥ 300	39.8	74.3	80.4	86.7	91.7	93.8	96.7	97.6	97.8	98.8	99.1	99.1	99.2	99.2	99.4	99.4
≥ 200	39.8	74.3	80.4	86.7	91.7	93.8	96.7	97.6	97.8	98.8	99.2	99.2	99.5	99.5	99.6	99.6
≥ 100	39.8	74.3	80.4	86.7	91.7	93.8	96.7	97.6	97.8	98.8	99.2	99.2	99.5	99.5	99.6	99.7
≥ 0	39.8	74.3	80.4	86.7	91.7	93.8	96.7	97.6	97.8	98.8	99.2	99.2	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS)

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	37.7	51.1	53.1	54.1	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 20000	43.0	58.7	61.3	62.8	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 18000	43.2	59.1	61.7	63.2	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 16000	43.4	59.6	62.2	63.8	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 14000	44.9	62.0	64.6	66.5	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 12000	48.0	67.0	69.7	71.6	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 10000	49.5	69.6	72.5	74.6	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 9000	50.2	71.0	73.9	76.0	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 8000	51.1	73.1	76.5	78.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 7000	51.9	74.6	78.0	80.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 6000	52.3	75.6	78.9	81.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 5000	52.4	75.9	79.4	81.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 4500	52.7	76.3	80.0	82.5	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 4000	53.3	77.4	81.4	84.1	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 3500	54.0	78.4	82.4	85.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 3000	54.8	79.9	84.0	86.7	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 2500	55.4	81.2	85.6	88.3	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 2000	55.7	82.3	86.9	89.6	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1800	55.7	82.9	87.7	90.4	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1500	55.8	83.1	88.1	90.8	92.5	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1200	56.9	84.8	89.8	92.5	94.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1000	57.3	86.1	91.1	94.0	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 900	57.4	86.6	91.5	94.4	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 800	57.4	86.9	91.8	94.9	98.0	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 700	57.4	87.2	92.2	95.3	98.3	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	57.4	87.3	92.3	95.4	98.5	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	57.4	87.6	92.7	95.9	99.0	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	57.4	87.6	92.7	95.9	99.0	99.2	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	57.4	87.6	92.7	95.9	99.0	99.2	99.4	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	57.4	87.6	92.7	95.9	99.0	99.2	99.4	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	57.4	87.6	92.7	95.9	99.0	99.2	99.4	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ [illegible]	57.4	87.6	92.7	95.9	99.0	99.2	99.4	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥5/16	≥¼	≥0
NO CEILING	38.4	48.6	50.3	50.8	50.8	50.8	50.9	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 20000	46.7	58.8	61.1	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 18000	46.6	59.5	61.7	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 16000	47.7	60.0	62.4	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 14000	48.1	61.7	64.3	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 12000	50.1	64.9	67.5	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 10000	53.3	70.3	73.1	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 9000	53.8	70.8	73.5	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 8000	54.7	72.6	75.4	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 7000	55.5	74.7	77.5	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 6000	55.7	74.9	77.7	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 5000	56.7	76.5	79.2	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 4500	57.3	77.5	80.4	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 4000	60.2	81.2	84.2	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 3500	61.0	82.8	85.9	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 3000	62.7	86.0	89.7	91.3	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 2500	63.9	88.0	91.7	93.5	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2000	64.3	89.0	92.8	94.7	95.6	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1800	64.3	89.1	92.9	94.8	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1500	64.6	89.8	93.5	95.6	96.5	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1200	64.7	90.1	93.9	95.9	96.8	97.0	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1000	64.7	90.4	94.2	96.3	97.5	97.7	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 900	64.7	90.4	94.2	96.3	97.5	97.7	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 800	64.8	90.5	94.3	96.7	97.8	98.1	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	64.8	90.6	94.4	96.9	98.2	98.4	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	64.8	90.8	94.5	97.0	98.5	98.8	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	64.8	90.8	94.5	97.0	98.5	98.8	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	64.8	90.8	94.6	97.1	98.6	98.9	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	64.8	90.8	94.6	97.1	98.6	98.9	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	64.8	90.8	94.6	97.1	98.6	98.9	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	64.8	90.8	94.6	97.1	98.6	98.9	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	64.8	90.8	94.6	97.1	98.6	98.9	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	42.2	52.8	53.7	54.3	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 20000	51.6	64.5	65.5	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 18000	52.5	65.5	66.5	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 16000	52.8	65.9	67.0	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 14000	53.5	67.6	68.7	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 12000	56.1	71.5	72.6	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 10000	59.6	77.7	79.1	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 9000	60.2	78.8	80.3	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 8000	61.6	81.1	82.7	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 7000	62.4	82.5	84.3	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 6000	62.7	82.9	84.7	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.6
≥ 5000	63.7	84.3	86.1	87.6	87.8	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1
≥ 4500	64.8	85.6	87.4	88.9	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.4	89.4	89.4	89.4
≥ 4000	65.6	86.9	88.9	90.4	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0
≥ 3500	66.0	87.8	89.9	91.5	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0
≥ 3000	67.4	90.8	92.9	95.1	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6
≥ 2500	67.5	91.5	93.8	96.0	96.3	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6
≥ 2000	67.6	91.7	94.1	96.3	96.7	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1
≥ 1800	67.6	91.8	94.2	96.5	96.8	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2
≥ 1500	67.6	92.3	94.6	97.0	97.4	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8
≥ 1200	67.6	92.5	94.8	97.3	97.7	97.7	98.1	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3
≥ 1000	67.7	92.6	95.1	97.7	98.2	98.2	98.5	98.6	98.6	98.8	98.8	98.8	98.9	98.9	98.9	98.9
≥ 900	67.7	92.6	95.1	97.7	98.2	98.3	98.6	98.7	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 800	67.8	92.7	95.2	97.8	98.3	98.4	98.7	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 700	67.8	92.7	95.2	97.8	98.3	98.4	98.7	98.9	98.9	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 600	67.8	92.7	95.2	97.8	98.3	98.4	98.7	99.0	99.0	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 500	67.8	92.7	95.2	97.8	98.3	98.4	98.9	99.2	99.2	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400	67.8	92.7	95.2	97.8	98.3	98.4	98.9	99.2	99.2	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	67.8	92.7	95.2	97.8	98.3	98.4	98.9	99.2	99.2	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	68.0	92.8	95.3	98.0	98.4	98.5	99.0	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	68.0	92.8	95.3	98.0	98.4	98.5	99.0	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	68.0	92.8	95.3	98.0	98.4	98.5	99.0	99.4	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724257 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	38.0	51.0	52.7	53.7	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 20000	45.8	61.2	63.1	64.3	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 18000	46.3	61.8	63.8	64.9	65.3	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 16000	47.6	63.5	65.6	66.8	67.1	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 14000	49.1	66.2	68.4	69.6	69.9	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 12000	51.5	71.3	73.5	74.7	75.1	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 10000	53.4	74.6	77.4	78.8	79.2	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 9000	54.8	76.6	79.4	80.9	81.5	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 8000	55.5	78.2	81.1	82.7	83.5	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 7000	56.8	79.9	83.1	84.7	85.6	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 6000	57.3	81.2	84.4	86.0	87.1	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 5000	58.6	83.4	86.8	88.5	89.7	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 4500	59.5	84.4	87.7	89.5	90.6	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 4000	60.0	85.9	89.4	91.4	92.7	93.0	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 3500	60.1	86.7	90.1	92.3	93.5	93.9	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 3000	60.1	87.4	90.9	93.4	94.9	95.3	95.5	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2500	60.3	87.7	91.2	93.9	95.6	95.9	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 2000	60.3	88.0	91.4	94.1	95.8	96.1	96.3	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1800	60.3	88.1	91.5	94.2	95.9	96.2	96.5	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1500	60.3	88.3	91.9	94.6	96.5	96.8	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1200	60.5	88.5	92.2	94.8	96.7	97.0	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1000	60.8	89.0	92.8	95.6	97.5	97.8	98.2	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 900	60.9	89.1	92.9	95.7	97.6	98.0	98.3	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	60.9	89.1	92.9	95.7	97.6	98.0	98.3	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	60.9	89.2	93.0	95.8	97.8	98.2	98.5	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	60.9	89.2	93.0	95.9	98.0	98.3	98.6	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	60.9	89.2	93.0	95.9	98.4	98.7	99.4	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	60.9	89.2	93.0	95.9	98.4	98.7	99.4	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	60.9	89.2	93.0	95.9	98.4	98.7	99.4	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	60.9	89.2	93.0	95.9	98.4	98.7	99.4	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	60.9	89.2	93.0	95.9	98.4	98.7	99.4	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	60.9	89.2	93.0	95.9	98.4	98.7	99.4	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 10 Mar 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 46-57 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	36.6	60.5	63.8	66.8	67.3	67.5	67.7	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 20000	41.2	64.4	67.8	70.9	71.4	71.7	71.9	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 18000	41.2	64.6	68.1	71.1	71.6	71.9	72.2	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 16000	41.6	65.4	68.8	71.8	72.4	72.7	72.9	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 14000	42.4	67.0	70.5	73.5	74.1	74.4	74.6	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 12000	44.1	70.5	74.2	77.2	77.8	78.2	78.4	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 10000	46.1	74.5	78.3	81.4	82.0	82.5	82.8	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 9000	46.3	75.3	79.0	82.2	82.9	83.3	83.7	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 8000	47.4	77.8	82.2	85.3	86.1	86.7	87.0	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 7000	47.6	78.3	82.6	85.7	86.6	87.1	87.4	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 6000	47.8	78.6	82.9	86.0	87.1	87.6	88.0	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 5000	48.1	79.5	83.8	86.9	88.0	88.5	88.8	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 4500	48.3	79.8	84.2	87.3	88.4	88.9	89.2	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 4000	48.8	81.0	85.4	88.8	89.9	90.4	90.8	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 3500	48.8	81.5	85.9	89.5	90.5	91.1	91.4	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 3000	49.0	82.8	87.4	91.1	92.2	92.7	93.1	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 2500	49.2	83.5	88.3	91.9	93.0	93.5	94.0	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 2000	49.4	84.3	89.2	93.0	94.2	94.7	95.2	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1800	49.4	84.3	89.4	93.1	94.3	94.8	95.3	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1500	49.4	84.7	89.9	93.9	95.1	95.7	96.1	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	49.4	84.8	90.1	94.1	95.5	96.1	96.6	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1000	49.6	85.5	90.9	94.9	96.3	97.1	97.8	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6
≥ 900	49.6	85.5	90.9	95.1	96.5	97.2	98.1	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 800	49.6	85.6	91.0	95.3	96.7	97.4	98.3	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 700	49.6	85.6	91.0	95.3	96.7	97.4	98.3	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 600	49.6	85.6	91.0	95.3	96.7	97.4	98.3	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 500	49.6	85.7	91.2	95.5	97.1	98.0	99.0	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	49.6	85.7	91.2	95.5	97.1	98.0	99.0	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	49.6	85.7	91.2	95.5	97.1	98.0	99.0	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	49.6	85.7	91.2	95.5	97.1	98.0	99.0	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	49.6	85.7	91.2	95.5	97.1	98.0	99.0	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	49.6	85.7	91.2	95.5	97.1	98.0	99.0	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	34.4	50.3	53.0	54.9	55.8	56.1	56.5	56.8	56.8	57.1	57.1	57.1	57.2	57.2	57.3	57.3
≥ 20000	39.3	57.4	60.3	62.6	63.7	64.0	64.4	64.7	64.8	65.0	65.0	65.0	65.1	65.1	65.2	65.2
≥ 18000	39.6	57.9	60.9	63.1	64.2	64.6	65.0	65.3	65.3	65.6	65.6	65.6	65.7	65.7	65.8	65.8
≥ 16000	40.0	58.5	61.6	63.8	65.0	65.3	65.7	66.0	66.1	66.4	66.4	66.4	66.5	66.5	66.6	66.6
≥ 14000	41.0	60.3	63.5	65.8	67.0	67.4	67.8	68.1	68.2	68.4	68.5	68.5	68.5	68.6	68.6	68.6
≥ 12000	42.9	64.3	67.6	70.1	71.3	71.7	72.2	72.5	72.6	72.9	73.0	73.0	73.1	73.1	73.1	73.1
≥ 10000	45.1	68.5	72.2	74.9	76.3	76.7	77.2	77.6	77.6	78.0	78.1	78.1	78.1	78.2	78.2	78.2
≥ 9000	45.8	69.7	73.4	76.2	77.6	78.0	78.5	78.9	79.0	79.3	79.4	79.4	79.4	79.5	79.5	79.5
≥ 8000	46.9	71.9	75.8	78.8	80.3	80.8	81.3	81.7	81.7	82.1	82.2	82.2	82.2	82.3	82.3	82.3
≥ 7000	47.5	73.2	77.3	80.3	81.9	82.3	82.8	83.2	83.3	83.6	83.7	83.7	83.8	83.8	83.8	83.8
≥ 6000	47.9	73.9	78.0	81.0	82.7	83.1	83.6	84.0	84.1	84.4	84.5	84.5	84.6	84.6	84.7	84.7
≥ 5000	48.4	75.0	79.1	82.2	83.8	84.3	84.8	85.2	85.3	85.6	85.7	85.7	85.8	85.8	85.9	85.9
≥ 4500	48.8	75.6	79.8	82.9	84.5	85.0	85.6	85.9	86.0	86.3	86.4	86.4	86.5	86.5	86.6	86.6
≥ 4000	49.6	76.9	81.2	84.5	86.2	86.7	87.2	87.6	87.7	88.0	88.1	88.1	88.2	88.2	88.3	88.3
≥ 3500	49.9	77.7	82.1	85.4	87.1	87.6	88.1	88.5	88.6	88.9	89.0	89.0	89.1	89.1	89.2	89.2
≥ 3000	50.5	79.3	83.8	87.3	89.0	89.5	90.1	90.5	90.6	90.9	91.0	91.0	91.1	91.1	91.2	91.2
≥ 2500	50.9	80.4	85.0	88.5	90.4	90.9	91.5	91.8	91.9	92.3	92.3	92.4	92.4	92.5	92.5	92.5
≥ 2000	51.1	81.1	85.8	89.5	91.4	91.9	92.5	92.9	93.0	93.4	93.4	93.5	93.5	93.6	93.6	93.6
≥ 1800	51.1	81.4	86.1	89.8	91.7	92.2	92.8	93.2	93.3	93.7	93.7	93.8	93.8	93.9	93.9	93.9
≥ 1500	51.3	81.9	86.7	90.5	92.6	93.1	93.8	94.2	94.3	94.6	94.7	94.7	94.8	94.8	94.9	94.9
≥ 1200	51.5	82.5	87.4	91.2	93.4	94.0	94.7	95.1	95.3	95.6	95.7	95.7	95.8	95.8	95.9	95.9
≥ 1000	51.6	83.1	88.3	92.2	94.6	95.2	96.1	96.5	96.7	97.1	97.1	97.2	97.3	97.3	97.4	97.4
≥ 900	51.7	83.3	88.4	92.3	94.8	95.4	96.3	96.8	96.9	97.3	97.4	97.4	97.5	97.6	97.6	97.6
≥ 800	51.7	83.4	88.6	92.6	95.1	95.7	96.6	97.1	97.2	97.7	97.7	97.8	97.9	97.9	98.0	98.0
≥ 700	51.7	83.6	88.7	92.7	95.3	96.0	96.9	97.4	97.5	97.9	98.0	98.0	98.2	98.2	98.3	98.3
≥ 600	51.7	83.6	88.8	92.8	95.5	96.2	97.1	97.7	97.8	98.3	98.3	98.3	98.5	98.5	98.6	98.6
≥ 500	51.7	83.8	89.0	93.1	96.0	96.7	97.8	98.4	98.5	99.0	99.1	99.1	99.3	99.3	99.4	99.4
≥ 400	51.7	83.8	89.0	93.1	96.0	96.8	97.9	98.5	98.6	99.2	99.3	99.3	99.5	99.5	99.6	99.6
≥ 300	51.7	83.8	89.0	93.1	96.0	96.8	97.9	98.6	98.7	99.4	99.4	99.5	99.7	99.7	99.8	99.8
≥ 200	51.7	83.8	89.0	93.1	96.0	96.8	97.9	98.6	98.7	99.4	99.5	99.5	99.8	99.8	99.9	99.9
≥ 100	51.7	83.8	89.0	93.1	96.0	96.8	97.9	98.6	98.7	99.4	99.5	99.5	99.8	99.8	99.9	99.9
≥ 0	51.7	83.8	89.0	93.1	96.0	96.8	97.9	98.6	98.7	99.4	99.5	99.5	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7880

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEAR) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥	≥1½	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
NO CEILING	26.1	52.4	56.6	58.9	60.6	60.6	61.8	63.0	63.0	64.4	64.4	64.4	64.9	64.9	65.1	65.1
≥ 20000	27.1	55.5	59.7	62.2	63.9	63.9	65.1	66.2	66.2	67.6	67.6	67.6	68.2	68.2	68.3	68.3
≥ 18000	27.1	55.8	60.0	62.5	64.2	64.2	65.4	66.6	66.6	68.0	68.0	68.0	68.5	68.5	68.6	68.6
≥ 6000	27.1	55.8	60.0	62.5	64.2	64.2	65.4	66.6	66.6	68.0	68.0	68.0	68.5	68.5	68.6	68.6
≥ 4000	27.2	56.8	61.0	63.4	65.2	65.2	66.3	67.5	67.5	68.9	68.9	68.9	69.5	69.5	69.6	69.6
≥ 2000	27.6	58.1	62.7	65.2	66.9	67.0	68.2	69.4	69.4	70.8	70.8	70.8	71.3	71.3	71.4	71.4
≥ 10000	29.8	61.8	67.1	69.7	71.5	71.6	72.8	74.0	74.0	75.4	75.4	75.4	75.9	75.9	76.0	76.0
≥ 9000	29.9	62.5	67.7	70.3	72.2	72.5	73.9	75.1	75.1	76.6	76.6	76.6	77.1	77.1	77.2	77.2
≥ 8000	31.2	64.5	69.8	72.4	74.2	74.5	75.9	77.1	77.1	78.6	78.6	78.6	79.1	79.1	79.2	79.2
≥ 7000	31.9	65.9	71.4	74.1	75.9	76.2	77.6	78.8	78.8	80.3	80.3	80.3	80.9	80.9	81.0	81.0
≥ 6000	32.3	66.3	72.2	75.1	76.9	77.2	78.6	79.8	79.8	81.3	81.3	81.3	81.8	81.8	81.9	81.9
≥ 5000	32.3	66.8	72.6	75.6	77.5	77.8	79.2	80.4	80.4	81.9	81.9	81.9	82.5	82.5	82.6	82.6
≥ 4500	32.3	66.9	72.8	75.9	78.0	78.3	79.7	80.9	80.9	82.4	82.4	82.4	82.9	82.9	83.0	83.0
≥ 4000	32.3	68.1	74.1	77.3	79.5	79.8	81.2	82.4	82.4	83.9	83.9	83.9	84.4	84.4	84.5	84.5
≥ 3500	32.3	68.1	74.1	77.4	79.8	80.1	81.5	82.7	82.7	84.2	84.2	84.2	84.7	84.7	84.8	84.8
≥ 3000	32.3	69.6	75.8	79.7	82.0	82.4	83.9	85.1	85.1	86.6	86.6	86.6	87.1	87.1	87.2	87.2
≥ 2500	32.4	71.5	78.4	82.3	84.7	85.1	86.7	87.8	87.8	89.4	89.4	89.4	89.9	89.9	90.0	90.0
≥ 2000	32.9	72.8	79.7	83.7	86.1	86.5	88.3	89.5	89.5	91.2	91.2	91.2	91.7	91.7	91.8	91.8
≥ 800	32.9	72.8	79.7	83.7	86.1	86.5	88.4	89.8	89.8	91.5	91.5	91.5	92.0	92.0	92.2	92.2
≥ 500	33.1	74.0	81.0	84.9	87.5	87.8	89.8	91.3	91.3	93.0	93.0	93.0	93.5	93.5	93.7	93.7
≥ 200	33.3	75.3	82.4	87.1	89.7	90.0	91.9	93.4	93.4	95.2	95.2	95.2	95.7	95.7	95.8	95.8
≥ 100	33.4	76.0	83.1	88.1	90.8	91.1	93.0	94.6	94.6	96.3	96.3	96.3	96.9	96.9	97.0	97.0
≥ 900	33.4	76.2	83.3	88.4	91.2	91.5	93.4	95.1	95.1	96.8	96.8	96.8	97.3	97.3	97.4	97.4
≥ 800	33.4	76.6	83.7	88.7	91.6	91.9	93.9	95.5	95.5	97.2	97.2	97.2	97.7	97.7	97.8	97.8
≥ 700	33.4	76.6	83.7	88.8	92.2	92.5	94.6	96.3	96.3	98.1	98.1	98.1	98.6	98.6	98.7	98.7
≥ 600	33.4	76.6	83.8	89.0	92.4	92.7	94.9	96.7	96.7	98.4	98.4	98.4	98.9	98.9	99.0	99.0
≥ 500	33.4	76.7	83.9	89.1	92.6	92.9	95.3	97.1	97.1	99.1	99.1	99.1	99.7	99.7	99.8	99.8
≥ 400	33.4	76.8	84.0	89.2	92.7	93.0	95.4	97.2	97.2	99.2	99.2	99.2	99.8	99.8	99.9	99.9
≥ 300	33.4	76.8	84.0	89.2	92.7	93.0	95.4	97.2	97.2	99.4	99.4	99.4	99.9	99.9	100.0	100.0
≥ 200	33.4	76.8	84.0	89.2	92.7	93.0	95.4	97.2	97.2	99.4	99.4	99.4	99.9	99.9	100.0	100.0
≥ 100	33.4	76.8	84.0	89.2	92.7	93.0	95.4	97.2	97.2	99.4	99.4	99.4	99.9	99.9	100.0	100.0
≥ 0	33.4	76.8	84.0	89.2	92.7	93.0	95.4	97.2	97.2	99.4	99.4	99.4	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724057 (STATION) PHILLIPS/ABERDEEN MO (STATION NAME) 46-57 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	18.9	43.0	46.3	49.8	51.6	52.6	54.3	55.1	55.7	57.0	57.2	57.2	57.6	57.6	58.1	58.3
≥ 20000	19.9	44.9	48.5	52.0	54.0	54.9	56.8	57.5	57.6	59.5	59.7	59.7	60.1	60.1	60.5	60.9
≥ 18000	19.9	45.6	49.2	52.6	54.7	55.7	57.5	58.3	58.4	60.2	60.4	60.4	60.9	60.9	61.3	61.6
≥ 16000	20.0	45.7	49.4	52.9	54.8	55.8	57.6	58.4	58.5	60.3	60.5	60.5	61.0	61.0	61.4	61.7
≥ 14000	20.6	46.8	50.4	54.0	55.9	56.9	58.7	59.5	59.6	61.4	61.6	61.6	62.0	62.0	62.5	62.8
≥ 12000	21.5	48.4	52.5	56.1	58.3	59.2	61.3	62.4	62.5	64.3	64.5	64.5	64.9	64.9	65.4	65.7
≥ 10000	22.6	52.3	57.0	61.0	63.3	64.4	66.5	67.5	67.6	69.5	69.7	69.7	70.1	70.1	70.6	71.0
≥ 9000	22.9	52.9	57.6	61.6	64.0	65.1	67.4	68.5	68.6	70.5	70.8	70.8	71.2	71.2	71.7	72.0
≥ 8000	23.8	54.2	59.4	63.3	65.8	66.9	69.2	70.3	70.4	72.5	72.7	72.7	73.1	73.1	73.7	74.0
≥ 7000	24.0	55.6	61.0	65.3	67.7	69.0	71.4	72.5	72.6	74.6	74.8	74.8	75.3	75.3	75.8	76.1
≥ 6000	24.3	56.5	61.8	66.2	68.7	70.0	72.4	73.4	73.5	75.6	75.8	75.8	76.2	76.2	76.8	77.1
≥ 5000	24.4	57.2	62.8	67.2	69.8	71.1	73.4	74.5	74.6	76.7	76.9	76.9	77.3	77.3	77.8	78.2
≥ 4500	24.4	57.8	63.4	68.2	70.9	72.2	74.5	75.6	75.7	77.7	78.0	78.0	78.4	78.4	78.9	79.2
≥ 4000	24.4	58.5	64.3	69.4	72.0	73.3	75.7	76.8	76.9	78.9	79.1	79.1	79.6	79.6	80.1	80.4
≥ 3500	24.5	58.9	64.8	70.0	72.8	74.1	76.6	77.6	77.7	79.8	80.0	80.0	80.4	80.4	81.0	81.3
≥ 3000	24.7	60.3	66.2	71.6	74.7	76.0	78.7	80.0	80.1	82.2	82.4	82.4	82.8	82.8	83.3	83.7
≥ 2500	24.9	61.5	68.1	73.7	76.8	78.1	80.9	82.2	82.3	84.3	84.5	84.5	84.9	84.9	85.5	85.8
≥ 2000	25.2	62.6	69.4	74.9	78.2	79.5	82.3	83.7	83.8	85.8	86.0	86.0	86.5	86.5	87.0	87.3
≥ 1800	25.2	62.6	69.4	74.9	78.2	79.5	82.4	83.8	83.9	85.9	86.1	86.1	86.6	86.6	87.1	87.4
≥ 1500	25.3	63.8	70.5	76.2	80.0	81.4	84.4	85.9	86.1	88.2	88.4	88.4	88.8	88.8	89.4	89.7
≥ 1200	25.5	64.9	71.8	77.6	81.7	83.1	86.2	87.7	88.0	90.0	90.2	90.2	90.6	90.6	91.2	91.5
≥ 1000	25.7	65.7	72.8	78.7	83.0	84.5	87.7	89.4	89.6	91.8	92.0	92.0	92.6	92.6	93.1	93.4
≥ 900	25.7	66.5	73.8	79.7	84.1	85.6	89.0	90.6	90.9	93.1	93.3	93.3	93.9	93.9	94.4	94.7
≥ 800	25.7	66.6	73.9	79.8	84.2	85.7	89.1	90.8	91.0	93.4	93.7	93.7	94.2	94.2	94.7	95.1
≥ 700	25.7	66.8	74.2	80.2	84.8	86.3	89.8	91.5	91.7	94.2	94.4	94.4	94.9	94.9	95.6	95.9
≥ 600	25.7	66.8	74.2	80.3	84.9	86.5	90.0	91.7	92.0	94.5	94.7	94.7	95.3	95.3	95.9	96.2
≥ 500	25.7	66.8	74.2	80.4	85.1	86.6	90.3	92.0	92.4	94.8	95.1	95.1	95.6	95.6	96.3	96.7
≥ 400	25.7	67.0	74.4	80.6	85.5	87.0	90.8	92.5	92.8	95.3	95.5	95.5	96.1	96.1	97.0	97.3
≥ 300	25.7	67.0	74.4	80.6	85.5	87.0	90.8	92.7	93.2	95.8	96.0	96.0	96.8	96.8	97.6	98.0
≥ 200	25.7	67.0	74.4	80.6	85.5	87.0	90.3	92.7	93.2	95.8	96.1	96.2	97.2	97.2	98.1	98.4
≥ 100	25.7	67.0	74.4	80.6	85.5	87.0	90.8	92.8	93.3	95.9	96.2	96.3	97.3	97.3	98.2	98.7
≥ 0	25.7	67.0	74.4	80.6	85.5	87.0	90.8	92.8	93.3	95.9	96.2	96.3	97.3	97.4	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 (HOUR L.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	18.7	36.2	39.6	43.9	45.5	46.3	47.7	48.4	48.4	48.7	48.7	48.8	48.9	48.9	48.9
≥ 20000	21.2	40.1	43.5	48.3	50.0	50.9	52.3	52.9	52.9	53.2	53.2	53.3	53.5	53.5	53.5
≥ 18000	21.2	40.2	43.7	48.4	50.1	51.0	52.4	53.0	53.0	53.3	53.3	53.4	53.7	53.7	53.7
≥ 16000	21.4	40.4	43.9	48.6	50.3	51.2	52.6	53.3	53.3	53.7	53.7	53.8	54.0	54.0	54.0
≥ 14000	21.7	41.3	44.7	49.7	51.4	52.3	53.7	54.4	54.4	54.7	54.7	54.8	55.1	55.1	55.1
≥ 12000	22.5	44.1	47.7	52.9	54.9	55.8	57.3	58.3	58.3	58.6	58.6	58.7	58.9	58.9	58.9
≥ 10000	23.8	48.6	53.1	58.5	61.2	62.5	64.3	65.3	65.3	65.6	65.6	65.7	66.0	66.0	66.0
≥ 9000	24.0	49.1	53.8	59.1	61.8	63.1	64.9	65.9	65.9	66.2	66.2	66.3	66.7	66.7	66.7
≥ 8000	24.5	51.2	55.9	61.3	64.5	65.9	67.8	68.9	68.9	69.5	69.5	69.6	69.9	69.9	69.9
≥ 7000	24.6	51.5	56.6	61.9	65.5	67.1	69.0	70.1	70.2	70.8	70.8	70.9	71.2	71.2	71.2
≥ 6000	25.1	52.4	57.4	62.6	66.5	68.1	70.0	71.1	71.2	71.7	71.7	71.8	72.2	72.2	72.2
≥ 5000	25.5	53.2	58.6	64.2	67.8	69.6	71.5	72.6	72.7	73.2	73.2	73.3	73.7	73.7	73.7
≥ 4500	25.6	53.8	59.4	64.9	68.9	70.6	72.6	73.7	73.8	74.3	74.3	74.4	74.7	74.7	74.7
≥ 4000	26.0	54.9	60.6	66.5	70.6	72.5	74.4	75.5	75.6	76.1	76.1	76.2	76.6	76.6	76.6
≥ 3500	26.1	55.4	61.1	66.9	71.2	73.0	74.9	76.0	76.1	76.7	76.7	76.8	77.1	77.1	77.1
≥ 3000	26.6	56.2	62.3	68.2	72.8	74.7	76.9	78.0	78.1	78.6	78.6	78.7	79.0	79.0	79.0
≥ 2500	26.7	57.2	63.4	69.4	74.0	76.1	78.4	79.6	79.7	80.2	80.2	80.3	80.6	80.6	80.6
≥ 2000	27.2	59.1	65.5	71.5	76.3	78.5	81.0	82.4	82.5	83.1	83.1	83.2	83.5	83.5	83.5
≥ 1800	27.2	59.2	65.6	71.6	76.5	78.6	81.1	82.5	82.6	83.2	83.2	83.3	83.7	83.7	83.7
≥ 1500	27.3	60.9	67.2	73.5	78.6	80.8	83.4	85.1	85.2	85.9	85.9	86.0	86.3	86.3	86.3
≥ 1200	28.0	61.9	68.4	74.9	80.2	82.5	85.2	86.8	86.9	87.7	87.7	87.8	88.2	88.2	88.2
≥ 1000	28.3	62.7	69.5	76.2	81.7	84.2	87.2	88.9	89.1	90.4	90.4	90.5	91.0	91.0	91.0
≥ 900	28.3	63.0	69.8	76.6	82.0	84.6	87.6	89.6	89.8	91.1	91.1	91.2	91.6	91.6	91.6
≥ 800	28.4	63.2	70.0	76.9	82.5	85.2	88.3	90.3	90.5	91.9	91.9	92.0	92.5	92.5	92.5
≥ 700	28.4	63.2	70.0	76.9	82.9	85.7	89.0	91.6	91.8	93.3	93.3	93.4	94.1	94.1	94.1
≥ 600	28.4	63.3	70.1	77.2	83.2	86.3	89.7	92.5	92.7	94.2	94.2	94.3	94.9	94.9	94.9
≥ 500	28.4	63.5	70.3	77.4	83.8	86.9	90.5	93.4	93.7	95.4	95.7	95.8	96.5	96.5	96.5
≥ 400	28.4	63.7	70.4	77.6	84.1	87.2	90.9	94.0	94.2	95.9	96.2	96.5	97.1	97.1	97.2
≥ 300	28.4	63.7	70.4	77.6	84.1	87.5	91.3	94.6	94.8	96.6	96.9	97.2	98.0	98.0	98.2
≥ 200	28.4	63.7	70.4	77.6	84.1	87.5	91.3	94.6	94.8	96.6	97.0	97.3	98.3	98.4	98.5	98.7
≥ 100	28.4	63.7	70.4	77.6	84.1	87.5	91.3	94.6	94.8	96.6	97.0	97.3	98.3	98.4	98.6	99.2
≥ 0	28.4	63.7	70.4	77.6	84.1	87.5	91.3	94.6	94.8	96.6	97.1	97.4	98.5	98.7	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 46-57 (YEARS) AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	31.3	45.8	47.1	47.6	48.4	48.4	48.5	48.5	48.6	46.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 20000	35.4	51.6	53.0	53.7	54.4	54.5	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 18000	35.6	51.8	53.2	53.9	54.6	54.7	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 16000	36.0	52.3	53.7	54.3	55.1	55.2	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 14000	36.6	53.3	54.8	55.6	56.3	56.5	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 12000	37.6	55.4	57.2	58.2	58.9	59.0	59.2	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 10000	40.1	60.2	62.4	63.4	64.3	64.4	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 9000	40.3	60.6	62.8	64.0	64.8	64.9	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 8000	41.5	62.9	65.2	66.5	67.4	67.5	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 7000	41.8	64.1	66.6	67.8	68.8	68.9	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 6000	42.4	65.3	67.7	69.0	70.0	70.1	70.3	70.3	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 5000	42.8	66.1	68.6	70.1	71.2	71.3	71.5	71.5	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 4500	43.3	66.8	69.2	70.9	71.9	72.0	72.3	72.3	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 4000	44.5	68.9	71.5	73.1	74.2	74.3	74.5	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 3500	45.4	70.4	73.0	74.6	75.7	75.8	76.0	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 3000	46.3	72.4	75.1	76.8	78.0	78.2	78.4	78.5	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 2500	47.5	74.2	77.2	79.1	80.3	80.5	80.9	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2000	49.6	77.7	81.0	83.0	84.2	84.4	84.8	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 1800	49.7	78.1	81.3	83.4	84.6	84.8	85.3	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 1500	50.5	80.2	83.9	86.5	87.8	88.3	88.7	89.1	89.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 1200	50.6	81.5	85.6	88.3	89.9	90.5	91.1	91.5	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1000	51.1	82.9	87.3	90.1	92.4	93.2	94.0	94.6	94.8	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 900	51.1	83.0	87.4	90.3	92.6	93.5	94.7	95.4	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 800	51.4	83.5	88.0	91.2	93.7	94.7	96.2	97.1	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 700	51.4	83.7	88.2	91.5	94.2	95.3	97.0	97.8	98.1	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 600	51.4	83.8	88.3	91.6	94.3	95.4	97.1	98.1	98.3	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 500	51.4	83.8	88.3	91.9	94.7	95.8	97.7	98.7	98.9	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 400	51.4	83.8	88.3	91.9	94.7	95.9	98.0	98.9	99.1	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	51.4	83.8	88.3	91.9	94.7	95.9	98.0	98.9	99.1	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	51.4	83.8	88.3	91.9	94.7	95.9	98.0	98.9	99.1	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	51.4	83.8	88.3	91.9	94.7	95.9	98.0	98.9	99.1	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	51.4	83.8	88.3	91.9	94.7	95.9	98.0	98.9	99.1	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	37.7	48.2	48.3	49.1	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 20000	43.5	55.3	55.5	56.3	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 18000	44.1	56.0	56.2	57.1	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 16000	44.3	56.2	56.5	57.3	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 14000	45.7	58.5	58.8	59.7	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 12000	47.2	61.3	62.0	62.9	63.5	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 10000	49.8	65.3	66.5	67.4	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 9000	50.2	65.9	67.1	68.1	68.7	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 8000	51.6	68.4	69.6	70.6	71.3	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 7000	52.0	69.7	71.0	72.0	72.7	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 6000	53.1	71.4	72.7	73.8	74.4	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 5000	54.2	72.9	74.2	75.3	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 4500	55.1	73.8	75.1	76.1	76.8	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 4000	57.7	77.4	78.7	79.8	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 3500	59.0	79.9	81.2	82.4	83.0	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 3000	60.5	82.3	83.8	84.9	85.6	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 2500	61.9	85.2	86.9	88.2	88.9	89.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 2000	62.6	87.2	89.1	90.5	91.5	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1800	62.6	87.4	89.5	90.9	91.8	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1500	62.8	89.4	91.7	93.4	94.4	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1200	62.8	90.0	92.8	94.5	95.7	95.9	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1000	63.0	90.9	93.9	95.6	97.2	97.5	98.0	98.0	98.1	98.1	98.1	98.1	98.2	98.2	98.2
≥ 900	63.0	91.1	94.1	96.0	97.6	98.1	98.5	98.5	98.6	98.6	98.6	98.6	98.7	98.7	98.7
≥ 800	63.1	91.3	94.4	96.6	98.3	98.7	99.1	99.1	99.2	99.2	99.2	99.2	99.4	99.4	99.4
≥ 700	63.1	91.4	94.5	96.7	98.5	98.9	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6
≥ 600	63.1	91.5	94.6	96.8	98.7	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 500	63.1	91.5	94.6	96.8	98.7	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 400	63.1	91.5	94.6	96.8	98.7	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 300	63.1	91.5	94.6	96.8	98.7	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 200	63.1	91.5	94.6	96.8	98.7	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 100	63.1	91.5	94.6	96.8	98.7	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 0	63.2	91.6	94.7	96.9	98.8	99.2	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 1 OCT 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 46-57 (YEARS) ~~AUG~~ (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~1500-1700~~ (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥2	≥1½	≥1	≥¾	≥½	≥½	≥5/16	≥¼	≥0
NO CEILING	40.5	54.4	54.8	55.5	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥20000	47.6	63.9	64.5	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥18000	48.3	64.7	65.4	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥6000	48.5	65.2	65.8	66.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥4000	50.5	67.6	68.3	68.9	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥3000	52.3	70.4	71.1	71.8	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥10000	54.8	74.5	75.6	76.6	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥9000	55.9	75.7	76.8	77.7	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥8000	56.2	77.7	78.8	79.8	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥7000	56.9	78.7	79.9	81.0	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥6000	58.0	80.2	81.4	82.5	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥5000	59.0	81.8	83.0	84.2	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥4500	59.9	83.1	84.3	85.5	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥4000	60.9	84.9	86.2	87.4	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥3500	61.6	86.2	87.5	88.7	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥3000	62.0	88.0	89.6	90.8	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥2500	62.7	89.7	91.5	92.8	93.8	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥2000	63.0	91.3	93.3	94.6	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥1800	63.0	91.4	93.5	94.8	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥1500	63.0	91.7	94.1	95.4	96.6	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2
≥1200	63.0	92.6	95.3	96.7	98.3	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9
≥1000	63.0	92.7	95.4	96.8	98.4	98.6	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥900	63.1	92.8	95.6	97.1	98.8	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥800	63.0	92.8	95.6	97.1	98.8	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥700	63.0	92.8	95.6	97.1	98.8	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥600	63.0	92.8	95.6	97.1	98.8	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥500	63.0	92.8	95.6	97.1	98.8	99.0	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥400	63.0	92.8	95.6	97.1	98.8	99.0	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥300	63.0	92.8	95.6	97.1	98.8	99.0	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥200	63.0	92.8	95.6	97.1	98.8	99.0	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥100	63.0	92.8	95.6	97.1	98.8	99.0	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥0	63.1	92.9	95.7	97.2	98.9	99.1	99.7	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEAR) ALL (MONTHS)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

15-9-0-00

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
≥20000	36.1	54.1	55.7	57.5	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
	40.5	61.2	62.8	64.6	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥15000	41.4	62.0	63.7	65.5	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
	42.3	63.1	64.7	66.6	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥10000	43.0	64.7	66.3	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
	44.7	67.3	68.9	71.0	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥7000	47.3	72.4	74.1	76.5	77.2	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
	48.0	73.3	75.1	77.4	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥5000	49.4	76.6	78.3	80.6	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
	50.5	77.8	79.8	82.3	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥4500	51.2	78.9	81.2	83.8	84.6	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
	51.9	80.1	82.4	85.1	86.1	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥4000	52.0	80.4	82.8	85.5	86.6	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
	52.9	81.9	84.3	87.1	88.3	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥3500	53.7	83.1	85.5	88.4	89.6	89.6	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
	53.9	84.6	87.2	90.5	91.7	91.7	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3
≥3000	54.7	87.1	89.7	93.0	94.2	94.2	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8
	54.9	88.0	90.5	93.9	95.2	95.4	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3
≥2500	54.9	88.3	91.1	94.4	95.7	95.9	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9
	55.1	88.6	91.5	95.1	96.3	96.6	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5
≥2000	55.1	88.9	92.3	95.9	97.5	97.7	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7
	55.1	89.0	92.5	96.1	97.8	98.1	98.9	98.9	98.9	98.9	99.0	99.0	99.1	99.1	99.1
≥1800	55.1	89.0	92.6	96.2	98.0	98.2	99.1	99.1	99.1	99.1	99.2	99.2	99.4	99.4	99.4
	55.1	89.2	92.8	96.6	98.3	98.5	99.6	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8
≥1500	55.1	89.2	92.8	96.7	98.5	98.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0
	55.1	89.2	92.8	96.7	98.5	98.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0
≥1200	55.1	89.2	92.8	96.7	98.5	98.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0
	55.1	89.2	92.8	96.7	98.5	98.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0
≥1000	55.1	89.2	92.8	96.7	98.5	98.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0
	55.1	89.2	92.8	96.7	98.5	98.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0
≥800	55.1	89.2	92.8	96.7	98.5	98.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0
	55.1	89.2	92.8	96.7	98.5	98.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 9720

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
ATR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	0
NO CEILING	32.0	59.1	62.7	65.2	66.1	66.1	66.5	66.8	66.8	67.1	67.1	67.1	67.3	67.3	67.3	67.3
≥20000	34.1	61.4	66.0	68.6	69.6	69.6	69.9	70.2	70.2	70.5	70.5	70.5	70.8	70.8	70.8	70.8
≥18000	34.1	61.5	66.1	68.7	69.7	69.7	70.0	70.3	70.3	70.6	70.6	70.6	70.9	70.9	70.9	70.9
≥15000	34.3	61.7	66.3	68.9	69.9	69.9	70.2	70.5	70.5	70.9	70.9	70.9	71.1	71.1	71.1	71.1
≥12000	35.1	63.2	67.8	70.4	71.4	71.4	71.7	72.0	72.0	72.4	72.4	72.4	72.6	72.6	72.6	72.6
≥10000	35.4	64.5	69.9	72.7	73.7	73.7	74.0	74.3	74.3	74.6	74.6	74.6	74.8	74.8	74.8	74.8
≥9000	37.2	67.8	73.5	76.6	77.6	77.6	78.0	78.3	78.3	78.6	78.6	78.6	78.8	78.8	78.8	78.8
≥8000	37.7	68.6	74.5	77.5	78.6	78.6	78.9	79.2	79.2	79.6	79.6	79.6	79.8	79.8	79.8	79.8
≥7000	38.4	70.9	76.6	79.6	80.6	80.6	81.0	81.3	81.3	81.6	81.6	81.6	81.8	81.8	81.8	81.8
≥6000	38.9	72.4	78.1	81.4	82.5	82.5	82.8	83.1	83.1	83.4	83.4	83.4	83.7	83.7	83.7	83.7
≥5000	39.1	72.7	78.6	81.9	83.0	83.0	83.3	83.7	83.7	84.0	84.0	84.0	84.2	84.2	84.2	84.2
≥4500	39.5	73.8	79.7	83.0	84.2	84.2	84.5	84.8	84.8	85.2	85.2	85.2	85.4	85.4	85.4	85.4
≥4000	39.6	74.3	81.3	83.8	84.9	84.9	85.3	85.6	85.6	85.9	85.9	85.9	86.1	86.1	86.1	86.1
≥3500	39.9	75.3	81.5	84.9	86.1	86.1	86.5	86.8	86.8	87.1	87.1	87.1	87.3	87.3	87.3	87.3
≥3000	40.4	76.2	82.9	86.0	87.3	87.3	87.6	88.0	88.0	88.4	88.4	88.4	88.6	88.6	88.6	88.6
≥2500	40.6	77.6	84.5	88.2	89.5	89.7	90.0	90.3	90.3	90.8	90.8	90.8	91.0	91.0	91.0	91.0
≥2000	40.9	79.7	86.6	90.2	91.7	92.0	92.4	92.7	92.7	93.1	93.1	93.1	93.3	93.3	93.3	93.3
≥1800	41.2	80.2	87.1	90.8	92.3	92.8	93.3	93.7	93.7	94.1	94.1	94.1	94.3	94.3	94.3	94.3
≥1500	41.3	81.5	87.4	91.1	92.6	93.1	93.7	94.0	94.0	94.4	94.4	94.4	94.6	94.6	94.6	94.6
≥1200	41.6	81.8	88.8	92.6	94.2	94.7	95.3	95.6	95.6	96.0	96.0	96.0	96.2	96.2	96.2	96.2
≥1000	41.6	82.6	90.4	94.3	96.0	96.6	97.1	97.4	97.4	97.8	97.8	97.8	98.1	98.1	98.1	98.1
≥900	41.6	82.6	90.8	94.8	96.8	97.3	97.8	98.2	98.2	98.6	98.6	98.6	98.8	98.8	98.8	98.8
≥800	41.9	83.2	91.2	95.3	97.2	97.7	98.3	98.6	98.6	99.0	99.0	99.0	99.2	99.2	99.2	99.2
≥700	41.3	83.2	91.2	95.3	97.3	97.8	98.4	98.7	98.7	99.1	99.1	99.1	99.5	99.5	99.5	99.5
≥600	41.9	83.3	91.3	95.4	97.5	98.1	98.6	98.9	98.9	99.4	99.4	99.4	99.7	99.7	99.7	99.7
≥500	41.9	83.3	91.3	95.4	97.6	98.2	98.7	99.0	99.0	99.5	99.5	99.5	99.8	99.8	99.8	99.8
≥400	41.8	83.3	91.3	95.4	97.6	98.3	98.8	99.1	99.1	99.6	99.6	99.6	99.9	99.9	99.9	99.9
≥300	41.9	83.4	91.4	95.5	97.7	98.4	98.9	99.2	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0
≥200	41.9	83.4	91.4	95.5	97.7	98.4	98.9	99.2	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0
≥100	41.8	83.4	91.4	95.5	97.7	98.4	98.9	99.2	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0
0	41.8	83.4	91.4	95.5	97.7	98.4	98.9	99.2	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 1 NOV 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	30.2	49.0	51.4	53.4	54.4	54.7	55.3	55.6	55.7	56.1	56.2	56.2	56.3	56.3	56.4	56.4
≥20000	33.7	54.2	56.7	58.9	59.9	60.1	60.7	61.1	61.1	61.6	61.6	61.7	61.8	61.8	61.9	61.9
≥18000	34.1	54.7	57.2	59.4	60.4	60.6	61.2	61.6	61.6	62.1	62.1	62.2	62.3	62.3	62.4	62.4
≥15000	34.2	55.1	57.5	59.7	60.7	61.0	61.6	61.9	62.0	62.5	62.5	62.5	62.7	62.7	62.7	62.8
≥12000	35.1	56.5	59.0	61.3	62.3	62.5	63.1	63.5	63.5	64.0	64.0	64.1	64.2	64.2	64.3	64.3
≥10000	36.1	58.7	61.5	63.8	65.0	65.3	66.0	66.4	66.4	66.9	66.9	67.0	67.1	67.1	67.2	67.2
≥9000	38.2	62.9	66.2	68.7	70.1	70.4	71.1	71.6	71.6	72.1	72.1	72.1	72.3	72.3	72.4	72.4
≥8000	38.6	63.6	66.9	69.5	70.8	71.2	72.0	72.5	72.5	73.0	73.0	73.0	73.2	73.2	73.3	73.3
≥7000	39.6	65.8	69.2	71.8	73.2	73.6	74.4	74.9	74.9	75.5	75.5	75.5	75.7	75.7	75.8	75.8
≥6000	40.1	67.0	70.5	73.2	74.7	75.2	76.0	76.5	76.5	77.0	77.1	77.1	77.3	77.3	77.4	77.4
≥5000	40.7	68.0	71.6	74.4	75.9	76.3	77.2	77.6	77.7	78.2	78.3	78.3	78.5	78.5	78.5	78.6
≥4500	41.2	69.0	72.7	75.6	77.2	77.6	78.5	78.9	79.0	79.5	79.6	79.6	79.8	79.8	79.8	79.9
≥4000	41.5	69.6	73.4	76.3	78.0	78.5	79.3	79.8	79.8	80.4	80.4	80.4	80.6	80.6	80.7	80.7
≥3500	42.3	71.3	75.2	78.2	79.9	80.4	81.2	81.7	81.7	82.3	82.3	82.3	82.5	82.5	82.6	82.6
≥3000	42.9	72.3	76.2	79.3	81.1	81.5	82.4	82.9	82.9	83.5	83.5	83.5	83.7	83.7	83.8	83.9
≥2500	43.4	73.9	78.1	81.3	83.2	83.8	84.7	85.2	85.3	85.8	85.9	85.9	86.1	86.1	86.2	86.2
≥2000	44.0	75.8	80.2	83.6	85.6	86.1	87.2	87.7	87.7	88.3	88.3	88.4	88.5	88.5	88.6	88.7
≥1800	44.6	77.4	81.9	85.4	87.4	88.1	89.2	89.8	89.8	90.5	90.5	90.5	90.7	90.7	90.8	90.8
≥1500	44.6	77.5	82.2	85.6	87.7	88.3	89.5	90.1	90.1	90.8	90.8	90.8	91.0	91.0	91.1	91.1
≥1200	44.8	78.8	83.6	87.2	89.4	90.1	91.4	92.1	92.1	92.8	92.8	92.8	93.0	93.0	93.1	93.1
≥1000	45.0	79.7	84.9	88.7	91.1	91.9	93.2	93.8	93.9	94.6	94.6	94.6	94.8	94.8	94.9	95.0
≥900	45.1	8 .3	85.6	89.6	92.3	93.1	94.4	95.2	95.3	96.0	96.1	96.1	96.4	96.4	96.4	96.5
≥800	45.2	80.6	86.0	89.9	92.7	93.5	95.0	95.8	95.9	96.7	96.7	96.7	97.0	97.0	97.1	97.1
≥700	45.2	80.8	86.2	90.3	93.1	94.0	95.5	96.3	96.4	97.2	97.3	97.3	97.6	97.6	97.6	97.7
≥600	45.2	80.9	86.3	90.4	93.4	94.3	96.0	96.9	97.0	97.8	97.9	97.9	98.2	98.2	98.3	98.3
≥500	45.2	80.9	86.3	90.5	93.6	94.5	96.2	97.1	97.2	98.1	98.1	98.1	98.5	98.5	98.5	98.6
≥400	45.2	81.0	86.4	90.6	93.7	94.7	96.5	97.4	97.6	98.5	98.6	98.6	98.9	98.9	99.0	99.0
≥300	45.2	81.0	86.4	90.7	93.8	94.8	96.6	97.6	97.7	98.7	98.7	98.8	99.1	99.1	99.2	99.3
≥200	45.2	81.0	86.4	90.7	93.8	94.8	96.7	97.7	97.9	98.8	98.9	98.9	99.3	99.3	99.4	99.5
≥100	45.2	81.0	86.4	90.7	93.8	94.8	96.7	97.7	97.9	98.8	98.9	99.0	99.4	99.4	99.5	99.6
0	45.2	81.0	86.4	90.7	93.8	94.8	96.7	97.7	97.9	98.8	99.0	99.0	99.4	99.4	99.6	99.7
	45.3	81.0	86.5	90.7	93.9	94.9	96.7	97.8	97.9	98.9	99.0	99.0	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724257 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEAR) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (LOCAL TIME)

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥5/8	≥1/2	≥0
NO CEILING	28.0	53.7	55.7	58.1	59.3	59.7	62.1	62.8	62.8	63.7	63.9	63.9	64.4	64.4	64.6	64.6
≥ 20000	28.4	54.6	57.0	59.4	60.7	61.0	63.6	64.2	64.2	65.2	65.4	65.4	66.0	66.0	66.1	66.1
≥ 18000	28.4	55.6	57.8	60.2	61.4	61.8	64.3	65.0	65.0	66.0	66.2	66.2	66.8	66.8	66.9	66.9
≥ 6000	28.6	56.0	58.2	60.7	61.9	62.2	64.8	65.4	65.4	66.4	66.7	66.7	67.2	67.2	67.3	67.3
≥ 14000	29.7	57.3	59.6	62.0	63.3	63.7	66.2	66.9	66.9	67.9	68.1	68.1	68.7	68.7	68.8	68.8
≥ 12000	30.9	60.2	62.7	65.1	66.7	67.0	69.6	70.2	70.3	71.3	71.6	71.6	72.1	72.1	72.2	72.2
≥ 10000	32.0	64.7	67.1	69.6	71.2	71.6	74.1	74.8	74.9	75.9	76.1	76.1	76.7	76.7	76.8	76.8
≥ 9000	32.4	65.7	68.2	70.7	72.3	72.8	75.3	76.0	76.1	77.1	77.3	77.3	77.9	77.9	78.0	78.0
≥ 8000	32.4	66.7	69.3	71.9	73.6	74.0	76.6	77.2	77.3	78.3	78.6	78.6	79.1	79.1	79.2	79.2
≥ 7000	33.1	69.8	71.4	74.0	75.7	76.1	78.7	79.3	79.4	80.4	80.7	80.7	81.2	81.2	81.3	81.3
≥ 6000	33.2	69.8	72.4	75.0	76.7	77.1	79.7	80.3	80.4	81.4	81.7	81.7	82.2	82.2	82.3	82.3
≥ 5000	33.4	71.8	73.4	76.1	77.8	78.2	80.8	81.4	81.6	82.6	82.8	82.8	83.3	83.3	83.4	83.4
≥ 4500	33.6	71.8	74.7	77.3	79.0	79.4	82.0	82.7	82.8	83.8	84.0	84.0	84.6	84.6	84.7	84.7
≥ 4000	33.9	72.7	75.9	78.7	80.3	80.8	83.3	84.0	84.1	85.1	85.3	85.3	85.9	85.9	86.0	86.0
≥ 3500	33.9	73.4	76.7	79.4	81.1	81.6	84.1	84.8	84.9	85.9	86.2	86.2	86.8	86.8	86.9	86.9
≥ 3000	33.9	74.1	77.6	80.3	82.0	82.4	85.0	85.7	85.8	86.8	87.2	87.2	87.8	87.8	87.9	87.9
≥ 2500	34.2	75.6	79.2	82.1	84.0	84.4	87.1	87.8	87.9	88.9	89.3	89.3	89.9	89.9	90.0	90.0
≥ 2000	34.3	76.1	79.8	82.8	84.7	85.1	87.9	88.6	88.7	89.7	90.1	90.1	90.8	90.8	90.9	90.9
≥ 1800	34.3	76.3	80.2	83.2	85.1	85.6	88.3	89.0	89.1	90.1	90.6	90.6	91.2	91.2	91.3	91.3
≥ 1500	34.3	77.0	81.0	84.2	86.1	86.6	89.4	90.1	90.2	91.2	91.7	91.7	92.3	92.3	92.4	92.4
≥ 1200	34.3	77.2	81.4	84.9	86.8	87.2	90.2	90.9	91.0	92.1	92.6	92.6	93.3	93.3	93.4	93.4
≥ 1000	34.3	78.3	83.0	86.7	89.0	89.4	92.7	93.3	93.4	94.6	95.0	95.0	95.8	95.8	95.9	95.9
≥ 900	34.3	78.6	83.2	87.0	89.3	89.8	93.2	93.9	94.0	95.1	95.6	95.6	96.3	96.3	96.4	96.4
≥ 800	34.3	78.8	83.4	87.3	89.7	90.1	93.7	94.3	94.4	95.6	96.0	96.0	96.8	96.8	97.0	97.0
≥ 700	34.3	78.9	83.6	87.6	90.0	90.4	94.0	94.7	94.8	95.9	96.4	96.4	97.2	97.2	97.4	97.4
≥ 600	34.3	78.9	83.6	87.6	90.0	90.7	94.3	95.0	95.1	96.3	96.9	96.9	97.7	97.7	98.0	98.0
≥ 500	34.3	78.9	83.6	87.6	90.0	90.7	94.8	95.6	95.7	96.9	97.4	97.4	98.2	98.2	98.6	98.6
≥ 400	34.3	78.9	83.6	87.6	90.0	90.7	94.9	95.7	95.8	97.1	97.7	97.7	98.4	98.4	98.8	98.8
≥ 300	34.3	78.9	83.6	87.6	90.0	90.7	94.9	95.8	95.9	97.3	97.9	97.9	98.7	98.7	99.0	99.0
≥ 200	34.3	78.9	83.6	87.6	90.2	90.9	95.1	96.0	96.1	97.6	98.1	98.1	99.0	99.0	99.4	99.4
≥ 100	34.3	78.9	83.6	87.6	90.2	90.9	95.2	96.1	96.2	97.7	98.2	98.2	99.3	99.3	99.8	99.8
≥ 0	34.3	78.9	83.6	87.6	90.2	90.9	95.2	96.1	96.2	97.7	98.2	98.2	99.3	99.3	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1300-2600 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	2	≥5/16	≥¼	≥0
NO CEILING	22.7	44.1	45.7	49.1	51.7	52.4	54.7	55.6	55.7	57.0	57.3	57.3	58.3	58.3	58.6	58.7
≥ 20000	23.2	45.9	47.4	50.9	53.4	54.2	56.7	57.7	57.8	59.1	59.4	59.4	60.4	60.4	60.7	60.8
≥ 18000	23.2	46.6	48.1	51.7	54.2	55.0	57.4	58.4	58.6	59.9	60.2	60.2	61.2	61.2	61.4	61.6
≥ 16000	23.2	46.6	48.1	51.7	54.3	55.1	57.6	58.6	58.7	60.0	60.3	60.3	61.3	61.3	61.6	61.7
≥ 14000	24.3	48.8	50.3	54.0	56.7	57.4	59.9	60.9	61.0	62.3	62.7	62.7	63.7	63.7	63.9	64.0
≥ 12000	25.7	51.2	52.9	56.9	59.6	60.3	62.8	63.8	63.9	65.2	65.6	65.6	66.7	66.7	66.9	67.0
≥ 10000	27.1	55.3	57.3	61.4	64.1	64.9	67.3	68.3	68.4	69.8	70.1	70.1	71.2	71.2	71.4	71.6
≥ 9000	27.4	56.8	58.8	63.0	65.8	66.6	69.0	70.0	70.1	71.4	71.8	71.8	72.9	72.9	73.1	73.2
≥ 8000	28.2	58.9	61.1	65.4	68.2	69.0	71.4	72.6	72.7	74.0	74.3	74.3	75.4	75.4	75.7	75.8
≥ 7000	28.3	59.6	61.8	66.1	68.9	69.7	72.1	73.2	73.3	74.7	75.0	75.0	76.1	76.1	76.3	76.4
≥ 6000	28.3	60.9	63.1	67.4	70.2	71.0	73.4	74.6	74.7	76.0	76.3	76.3	77.4	77.4	77.7	77.8
≥ 5000	28.8	61.9	64.3	68.8	71.6	72.3	74.8	75.9	76.0	77.3	77.7	77.7	78.8	78.8	79.0	79.1
≥ 4500	28.8	62.2	64.7	69.2	72.0	72.8	75.2	76.3	76.4	77.8	78.1	78.1	79.2	79.2	79.4	79.6
≥ 4000	29.0	63.6	66.1	70.7	73.4	74.2	76.8	78.0	78.1	79.4	79.8	79.8	80.9	80.9	81.1	81.2
≥ 3500	29.0	64.0	66.6	71.2	74.0	74.8	77.3	78.8	78.9	80.2	80.6	80.6	81.7	81.7	81.9	82.0
≥ 3000	29.1	65.2	67.9	72.7	75.7	76.4	79.1	80.6	80.7	82.0	82.3	82.3	83.4	83.4	83.7	83.8
≥ 2500	29.2	65.8	68.7	73.7	76.8	77.6	80.2	81.7	81.8	83.1	83.4	83.4	84.6	84.6	84.8	84.9
≥ 2000	29.6	66.9	69.9	75.0	78.2	79.0	81.8	83.3	83.4	84.8	85.1	85.1	86.4	86.4	86.7	86.8
≥ 1800	29.6	67.1	70.2	75.4	78.7	79.4	82.2	83.8	83.9	85.2	85.6	85.6	87.0	87.0	87.2	87.3
≥ 1500	29.7	68.0	71.3	76.7	79.9	80.7	83.6	85.1	85.2	86.6	86.9	86.9	88.4	88.4	88.7	88.8
≥ 1200	29.7	68.4	72.0	77.7	81.1	81.9	84.9	86.6	86.7	88.0	88.3	88.3	89.9	89.9	90.1	90.2
≥ 1000	29.7	69.0	72.6	79.0	82.8	83.6	87.0	88.7	88.8	90.1	90.4	90.4	92.0	92.0	92.2	92.3
≥ 900	29.8	69.1	72.7	79.3	83.2	84.0	87.6	89.2	89.3	90.7	91.0	91.0	92.6	92.6	92.8	92.9
≥ 800	29.8	69.1	72.8	79.4	83.4	84.3	88.1	89.8	90.0	91.4	91.8	91.8	93.3	93.4	93.7	93.8
≥ 700	29.8	69.1	72.8	79.7	83.8	84.8	88.7	90.4	90.7	92.1	92.4	92.4	94.0	94.1	94.3	94.4
≥ 600	29.8	69.1	72.9	79.9	84.0	85.1	89.1	91.0	91.2	92.7	93.0	93.0	94.6	94.8	95.0	95.1
≥ 500	29.8	69.1	72.9	79.9	84.1	85.2	89.8	91.7	92.0	93.7	94.0	94.0	95.7	95.9	96.1	96.2
≥ 400	29.8	69.1	72.9	80.0	84.2	85.3	90.3	92.2	92.7	94.3	94.8	94.8	96.6	96.8	97.1	97.2
≥ 300	29.8	69.1	72.9	80.0	84.2	85.3	90.4	92.7	93.1	94.8	95.2	95.2	97.0	97.2	97.8	98.0
≥ 200	29.8	69.1	72.9	80.0	84.2	85.3	90.4	92.7	93.1	94.8	95.2	95.2	97.1	97.3	97.9	98.1
≥ 100	29.8	69.1	72.9	80.0	84.2	85.3	90.6	92.8	93.2	95.2	95.8	95.8	97.9	98.1	98.8	99.7
≥ 0	29.8	69.1	72.9	80.0	84.2	85.3	90.6	92.8	93.2	95.2	95.8	95.8	97.9	98.1	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0900

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	22.2	36.3	38.9	41.4	44.1	44.8	45.7	46.6	46.7	47.3	47.6	47.6	48.0	48.0	48.2	48.6
≥20000	24.2	41.0	43.7	46.2	49.2	49.9	50.9	51.8	51.9	52.6	52.8	52.8	53.2	53.2	53.4	53.8
≥18000	24.2	41.6	44.3	46.9	50.0	50.7	51.7	52.6	52.7	53.3	53.6	53.6	54.0	54.0	54.2	54.6
≥16000	24.4	41.9	44.7	47.2	50.4	51.1	52.1	53.0	53.1	53.8	54.0	54.0	54.4	54.4	54.7	55.0
≥14000	25.1	42.8	45.9	48.4	51.7	52.3	53.3	54.2	54.3	55.0	55.2	55.2	55.7	55.7	55.9	56.2
≥12000	26.3	45.0	48.3	51.0	54.6	55.3	56.3	57.4	57.6	58.3	58.6	58.6	59.0	59.0	59.2	59.6
≥10000	27.2	48.9	52.4	55.7	59.6	60.4	61.4	62.7	62.8	63.6	63.8	63.8	64.2	64.2	64.4	64.8
≥9000	27.4	49.2	53.0	56.2	60.1	61.1	62.1	63.6	63.7	64.6	64.8	64.8	65.2	65.2	65.4	65.8
≥8000	28.1	52.2	56.6	59.9	63.8	64.8	65.9	67.3	67.4	68.3	68.6	68.6	69.0	69.0	69.2	69.6
≥7000	28.3	53.3	57.9	61.2	65.1	66.3	67.4	68.9	69.0	69.9	70.1	70.1	70.6	70.6	70.8	71.1
≥6000	28.7	54.8	59.4	62.9	66.8	68.2	69.3	70.8	70.9	71.8	72.0	72.0	72.4	72.4	72.7	73.0
≥5000	28.8	55.3	60.1	63.6	67.4	68.9	70.1	71.6	71.7	72.6	72.8	72.8	73.2	73.2	73.4	73.8
≥4500	29.1	56.1	60.9	64.4	68.4	69.9	71.3	72.8	72.9	73.8	74.0	74.0	74.4	74.4	74.7	75.0
≥4000	29.4	57.2	62.1	65.7	69.8	71.2	72.8	74.2	74.3	75.2	75.4	75.4	75.9	75.9	76.1	76.4
≥3500	29.4	57.8	62.8	66.3	70.7	72.1	73.7	75.1	75.2	76.1	76.3	76.3	76.8	76.8	77.0	77.3
≥3000	30.3	59.2	64.2	67.9	72.3	73.8	75.3	76.9	77.0	77.9	78.1	78.1	78.6	78.6	78.8	79.1
≥2500	31.3	60.7	66.1	69.8	74.6	76.0	77.7	79.6	79.7	80.6	80.8	80.8	81.2	81.2	81.6	81.9
≥2000	31.8	61.8	67.3	71.7	76.4	77.9	79.6	81.9	82.0	83.0	83.2	83.2	83.7	83.7	84.0	84.3
≥1800	31.9	62.1	67.7	72.0	76.8	78.2	79.9	82.3	82.4	83.4	83.7	83.7	84.1	84.1	84.4	84.8
≥1500	32.2	63.0	68.7	73.0	77.8	79.3	81.0	83.6	83.7	84.7	84.9	84.9	85.3	85.3	85.7	86.0
≥1200	32.3	63.6	69.8	74.1	78.9	80.4	82.1	84.8	84.9	85.9	86.1	86.1	86.6	86.6	86.9	87.2
≥1000	32.5	64.6	70.8	75.2	80.7	82.2	83.9	86.6	86.8	88.0	88.2	88.2	88.7	88.7	89.0	89.3
≥900	32.7	65.0	71.3	76.1	81.2	82.8	84.4	87.1	87.3	88.8	89.0	89.0	89.4	89.4	89.8	90.1
≥800	32.7	65.0	71.6	76.3	81.9	83.6	85.7	88.3	88.6	90.1	90.3	90.3	90.8	90.8	91.1	91.4
≥700	32.7	65.2	71.9	76.8	82.4	84.3	86.4	89.1	89.4	91.0	91.3	91.3	91.8	91.8	92.1	92.4
≥600	32.7	65.4	72.1	77.2	83.0	85.0	87.3	90.1	90.6	92.1	92.4	92.6	93.0	93.0	93.3	93.7
≥500	32.7	65.4	72.2	77.3	83.1	85.3	87.9	91.2	91.8	93.6	93.9	94.0	94.6	94.7	95.0	95.4
≥400	32.7	65.4	72.2	77.3	83.3	85.7	88.6	92.2	92.9	94.8	95.1	95.2	95.9	96.0	96.3	96.8
≥300	32.7	65.4	72.2	77.3	83.3	85.8	88.7	92.3	93.1	95.0	95.4	95.7	96.3	96.4	96.8	97.4
≥200	32.7	65.4	72.2	77.3	83.3	85.9	88.8	92.4	93.2	95.7	96.1	96.3	97.0	97.4	98.0	98.8
≥100	32.7	65.4	72.2	77.3	83.3	85.9	88.8	92.4	93.2	95.7	96.2	96.4	97.2	97.7	98.2	99.8
≥0	32.7	65.4	72.2	77.3	83.3	85.9	88.8	92.4	93.2	95.7	96.2	96.4	97.2	97.7	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 46-57 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥5/8	≥½	≥0
NO CEILING	33.4	49.0	50.8	52.1	52.3	52.3	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 20000	35.8	53.4	55.2	56.7	56.9	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 18000	36.1	54.1	55.9	57.3	57.6	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 16000	36.2	54.2	56.0	57.4	57.7	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 14000	36.7	55.1	57.0	58.4	58.7	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 12000	39.0	58.4	60.7	62.4	62.7	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 10000	40.3	61.2	63.8	65.8	66.0	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 9000	40.4	61.8	64.4	66.4	66.7	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 8000	41.0	63.3	66.2	68.2	68.4	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 7000	41.7	65.4	68.4	70.4	70.7	70.7	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 6000	42.1	66.1	69.3	71.7	72.0	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 5000	42.3	67.1	70.6	73.0	73.3	73.4	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 4500	43.2	67.6	71.0	73.6	73.9	74.0	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 4000	44.8	69.7	73.2	75.8	76.1	76.2	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 3500	45.2	70.3	73.9	76.7	77.0	77.1	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 3000	46.1	71.9	75.4	78.3	78.7	78.8	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 2500	47.1	74.2	78.0	81.0	81.4	81.6	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 2000	48.0	76.4	80.3	83.4	84.0	84.1	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 1800	48.1	76.6	80.4	83.6	84.1	84.2	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 1500	49.4	79.4	83.6	86.8	87.4	87.8	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1200	50.1	81.0	85.4	88.8	90.0	90.6	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1000	50.1	82.0	86.8	90.8	92.3	93.0	93.7	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 900	50.7	83.3	88.1	92.2	93.9	94.7	95.4	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 800	50.7	83.8	88.6	92.8	94.7	95.6	96.4	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 700	50.7	84.0	88.8	93.0	94.9	95.9	97.2	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 600	50.7	84.1	88.9	93.2	95.1	96.1	97.4	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 500	50.7	84.1	88.9	93.2	95.3	96.4	98.1	98.6	98.8	99.1	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	50.7	84.1	88.9	93.2	95.3	96.4	98.2	98.9	99.1	99.6	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300	50.7	84.1	88.9	93.2	95.3	96.4	98.2	98.9	99.1	99.6	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	50.7	84.1	88.9	93.2	95.3	96.6	98.3	99.0	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	50.7	84.1	88.9	93.2	95.3	96.6	98.3	99.0	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥	50.7	84.1	88.9	93.2	95.3	96.6	98.3	99.0	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 920

USAF ETAC 1 Dec 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 40-57 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1800 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	40.2	50.7	51.7	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥20000	44.6	56.9	57.9	58.4	58.4	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥8000	45.3	57.7	58.7	59.2	59.2	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥6000	45.9	58.7	59.7	60.2	60.2	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥4000	46.6	59.9	60.9	61.4	61.4	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥2000	49.1	63.4	64.4	65.4	65.0	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥1000	51.3	67.0	68.0	68.8	68.8	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥900	51.4	68.3	69.3	70.2	70.3	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥800	52.4	69.7	70.8	71.8	71.9	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥700	53.3	71.3	72.7	73.7	74.1	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥600	54.0	72.4	73.9	74.9	75.3	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥500	54.9	73.4	74.9	75.9	76.3	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥450	55.7	74.3	75.8	77.0	77.4	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥400	57.6	76.7	78.1	79.3	79.8	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥350	58.6	77.8	79.3	80.6	81.1	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥300	60.6	81.4	83.1	84.3	85.1	85.4	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥250	62.2	84.2	86.0	87.3	88.3	88.7	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥200	63.1	86.3	88.1	89.9	91.1	91.6	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥180	63.1	86.6	88.3	90.2	91.6	92.0	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥150	64.1	87.9	89.7	91.8	93.2	93.8	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥120	64.2	88.6	90.3	92.6	94.2	95.1	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥100	64.6	89.4	91.4	93.9	95.7	96.7	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥90	64.6	89.6	91.6	94.1	95.9	96.9	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥80	64.6	89.7	91.8	94.6	96.6	97.6	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥70	64.6	89.8	91.9	94.7	96.7	97.8	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥60	64.6	89.9	92.0	94.9	97.0	98.1	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥50	64.6	89.9	92.0	94.9	97.0	98.1	99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥40	64.6	89.9	92.0	94.9	97.0	98.1	99.3	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥30	64.6	89.9	92.0	94.9	97.0	98.1	99.3	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥20	64.6	89.9	92.0	94.9	97.0	98.1	99.3	99.6	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0
≥10	64.6	89.9	92.0	94.9	97.0	98.1	99.3	99.6	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0
≥0	64.6	89.9	92.0	94.9	97.0	98.1	99.3	99.6	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC 1 Nov 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724157 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
UNLIM	44.4	52.6	53.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
20000	51.0	60.0	60.3	61.3	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
18000	51.9	61.4	61.8	62.8	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
17000	51.9	61.4	61.8	62.8	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
16000	53.4	63.4	63.8	64.8	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
15000	56.7	67.0	67.3	68.4	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
14000	58.6	71.4	71.8	73.0	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
13000	59.0	72.4	72.8	74.0	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
12000	60.6	74.9	75.4	76.9	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
11000	61.1	76.7	77.4	78.9	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
10000	62.2	78.3	79.2	80.7	81.2	81.4	81.4	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6
9000	63.8	80.1	81.0	82.7	83.2	83.4	83.4	83.4	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6
8000	64.7	81.7	82.6	84.2	84.9	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2
7000	65.4	83.0	83.9	85.7	86.3	86.7	86.7	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9
6000	66.1	83.9	84.9	86.7	87.3	87.7	87.7	87.9	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1
5000	67.4	86.2	87.4	89.2	89.9	90.2	90.2	90.4	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7
4500	68.2	87.6	88.8	90.7	91.4	92.0	92.0	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
4000	69.1	89.2	90.7	92.8	93.6	94.2	94.2	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
3500	69.1	89.2	90.7	92.8	93.8	94.4	94.4	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
3000	69.2	89.4	90.9	93.0	94.3	95.0	95.0	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥2500	69.4	90.3	91.8	94.1	95.6	96.3	96.3	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥2000	69.6	90.6	92.1	94.7	96.2	97.0	97.0	97.4	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥1500	69.6	90.6	92.1	94.7	96.4	97.3	97.3	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥1000	69.6	90.6	92.1	94.7	96.4	97.4	97.4	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥900	69.6	90.6	92.1	94.7	96.6	97.6	97.6	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥800	69.6	90.6	92.1	94.7	96.6	97.7	97.7	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥700	69.6	90.7	92.2	94.8	96.9	98.0	98.1	99.2	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥600	69.6	90.7	92.2	94.9	97.0	98.1	98.2	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥500	69.6	90.7	92.2	94.9	97.0	98.1	98.2	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥400	69.6	90.7	92.2	94.9	97.0	98.1	98.2	99.3	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥300	69.6	90.7	92.2	94.9	97.0	98.1	98.2	99.3	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥200	69.6	90.7	92.2	94.9	97.0	98.1	98.2	99.3	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
NO CEILING	39.7	54.1	55.2	55.7	55.8	55.8	55.8	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥20000	43.1	59.1	60.3	60.8	60.9	60.9	60.9	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥18000	43.2	59.7	60.9	61.3	61.4	61.4	61.4	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥16000	43.8	60.6	61.9	62.3	62.4	62.4	62.4	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥14000	45.0	62.1	63.4	63.9	64.0	64.0	64.0	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥12000	46.6	64.7	66.1	66.7	66.8	67.0	67.0	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥10000	48.6	69.7	71.7	72.3	72.4	72.7	72.7	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥9000	48.7	71.3	72.3	73.4	73.6	73.8	73.8	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥8000	49.4	72.2	74.4	76.0	76.2	76.4	76.4	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥7000	50.6	74.2	76.7	78.3	78.6	78.8	78.8	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥6000	51.2	75.4	78.0	79.7	79.9	80.1	80.1	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥5000	51.9	77.3	79.9	81.6	82.0	82.2	82.2	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥4500	52.1	78.4	81.1	82.8	83.2	83.6	83.7	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥4000	53.0	79.9	82.6	84.6	85.0	85.3	85.4	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥3500	53.6	80.9	83.7	85.8	86.2	86.6	86.7	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥3000	54.6	82.7	85.6	87.6	88.4	88.9	89.2	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥2500	54.6	84.7	87.8	90.3	91.1	91.7	92.0	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥2000	55.2	85.6	89.0	91.8	92.8	93.4	93.8	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥1800	55.3	85.8	89.2	92.1	93.1	93.8	94.1	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥1500	55.4	86.0	89.7	92.6	93.7	94.4	94.8	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥1200	55.4	86.4	90.1	93.1	94.3	95.3	95.7	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥1000	55.4	86.8	90.4	93.8	95.6	96.6	96.9	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥900	55.4	87.1	90.8	94.1	95.9	96.9	97.4	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥800	55.4	87.1	90.8	94.1	95.9	96.9	97.6	98.4	98.4	98.7	98.7	98.7	98.7	98.9	98.9	98.9
≥700	55.4	87.1	90.8	94.1	95.9	96.9	97.7	98.8	98.8	99.0	99.0	99.0	99.0	99.2	99.2	99.2
≥600	55.4	87.1	90.8	94.1	95.9	96.9	97.7	98.8	98.8	99.0	99.0	99.0	99.0	99.2	99.2	99.2
≥500	55.4	87.1	90.8	94.1	96.2	97.2	98.0	99.1	99.1	99.3	99.3	99.3	99.3	99.6	99.6	99.6
≥400	55.4	87.1	90.8	94.1	96.2	97.2	98.0	99.1	99.2	99.4	99.4	99.4	99.4	99.7	99.7	99.7
≥300	55.4	87.1	90.8	94.1	96.2	97.2	98.0	99.1	99.2	99.4	99.4	99.4	99.4	99.7	99.7	99.9
≥200	55.4	87.1	90.8	94.1	96.3	97.3	98.1	99.2	99.3	99.6	99.6	99.6	99.6	99.8	99.8	100.0
≥100	55.4	87.1	90.8	94.1	96.3	97.3	98.1	99.2	99.3	99.6	99.6	99.6	99.6	99.8	99.8	100.0
0	55.4	87.1	90.8	94.1	96.3	97.3	98.1	99.2	99.3	99.6	99.6	99.6	99.6	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING (FEET)	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	32.6	56.7	58.8	60.9	61.7	61.8	62.1	62.6	62.8	62.9	63.0	63.0	63.3	63.3	63.3	63.3
≥20000	34.8	59.6	61.7	63.8	64.6	64.7	65.0	65.7	65.7	65.8	65.9	65.9	66.2	66.2	66.2	66.2
≥18000	34.8	60.1	62.2	64.4	65.2	65.3	65.7	66.3	66.3	66.4	66.6	66.6	66.9	66.9	66.9	66.9
≥16000	35.3	60.6	62.7	64.9	65.7	65.8	66.1	66.8	66.8	66.9	67.0	67.0	67.3	67.3	67.3	67.3
≥14000	35.4	61.8	63.9	66.2	67.0	67.1	67.4	68.1	68.1	68.3	68.4	68.4	68.8	68.8	68.8	68.8
≥12000	37.9	65.6	67.7	70.0	70.8	70.9	71.2	71.9	71.9	72.1	72.2	72.2	72.6	72.6	72.6	72.6
≥10000	39.0	69.8	72.0	74.4	75.2	75.3	75.7	76.3	76.3	76.6	76.7	76.7	77.0	77.0	77.0	77.0
≥9000	39.7	71.2	73.4	76.0	76.8	76.9	77.2	77.9	77.9	78.1	78.2	78.2	78.6	78.6	78.6	78.6
≥8000	40.0	71.9	74.1	76.7	77.4	77.6	77.9	78.6	78.6	78.8	78.9	78.9	79.2	79.2	79.2	79.2
≥7000	40.4	73.4	76.1	78.8	79.6	79.7	80.0	80.7	80.7	80.9	81.0	81.0	81.3	81.3	81.3	81.3
≥6000	40.9	74.7	77.4	80.3	81.1	81.2	81.6	82.2	82.2	82.4	82.6	82.6	82.9	82.9	82.9	82.9
≥5000	41.1	76.3	79.1	82.1	82.9	83.0	83.3	84.0	84.0	84.2	84.3	84.3	84.7	84.7	84.7	84.7
≥4500	41.2	77.0	79.8	82.8	83.8	83.9	84.2	84.9	84.9	85.1	85.2	85.2	85.6	85.6	85.6	85.6
≥4000	41.7	78.6	81.3	84.3	85.3	85.4	85.8	86.4	86.4	86.7	86.8	86.8	87.1	87.1	87.1	87.1
≥3500	42.1	79.8	82.6	85.7	86.7	86.8	87.2	87.9	87.9	88.1	88.2	88.2	88.6	88.6	88.6	88.6
≥3000	42.2	80.3	83.2	86.6	87.6	87.7	88.2	88.9	88.9	89.1	89.2	89.2	89.6	89.6	89.6	89.6
≥2500	42.3	81.2	84.1	87.4	88.6	88.7	89.2	89.9	89.9	90.1	90.2	90.2	90.6	90.6	90.6	90.6
≥2000	42.7	82.0	85.1	88.4	89.6	89.7	90.3	91.0	91.0	91.2	91.3	91.3	91.7	91.7	91.7	91.7
≥1800	42.7	82.6	85.7	89.1	90.2	90.3	91.0	91.7	91.7	91.9	92.0	92.0	92.3	92.3	92.3	92.3
≥1500	42.8	83.1	86.4	90.1	91.2	91.4	92.4	93.1	93.1	93.3	93.4	93.4	93.8	93.8	93.8	93.8
≥1200	42.8	83.2	87.0	90.8	91.9	92.1	93.1	93.8	93.8	94.1	94.2	94.2	94.6	94.6	94.6	94.6
≥1000	42.3	83.9	87.7	91.9	93.3	93.6	94.6	95.2	95.2	95.7	95.8	95.8	96.1	96.1	96.1	96.1
≥900	42.9	84.4	88.2	92.4	93.9	94.2	95.2	95.9	96.1	96.6	96.7	96.7	97.1	97.1	97.1	97.1
≥800	42.9	84.6	88.3	92.6	94.0	94.4	95.6	96.4	96.7	97.1	97.2	97.2	97.8	97.9	97.9	97.9
≥700	42.9	84.6	88.3	92.6	94.1	94.6	95.8	96.7	96.9	97.3	97.4	97.4	98.0	98.1	98.1	98.1
≥600	42.9	84.8	88.7	92.9	94.4	94.9	96.1	97.1	97.3	97.9	98.0	98.0	98.6	98.7	98.7	98.7
≥500	42.9	85.0	89.0	93.2	94.8	95.2	96.4	97.4	97.7	98.2	98.3	98.3	98.9	99.0	99.0	99.0
≥400	42.9	85.0	89.0	93.2	94.8	95.2	96.6	97.7	98.0	98.6	98.7	98.7	99.2	99.3	99.3	99.3
≥300	42.9	85.0	89.0	93.2	94.8	95.2	96.6	97.7	98.0	98.6	98.7	98.7	99.2	99.4	99.4	99.4
≥200	42.9	85.0	89.0	93.2	95.1	95.6	96.9	98.0	98.3	99.0	99.1	99.1	99.7	99.9	99.9	99.9
≥100	42.9	85.0	89.0	93.2	95.1	95.6	96.9	98.0	98.3	99.0	99.1	99.1	99.7	99.9	100.0	100.0
0	42.9	85.0	89.0	93.2	95.1	95.6	96.9	98.0	98.3	99.0	99.1	99.1	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7246 57 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 46-57 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥	≥1½	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	32.9	49.7	51.2	53.0	53.9	54.2	54.9	55.3	55.4	55.6	55.9	55.9	56.2	56.2	56.3
≥ 20000	35.6	53.8	55.4	57.2	58.2	58.5	59.3	59.8	59.8	60.2	60.3	60.3	60.6	60.6	60.7
≥ 18000	35.9	54.6	56.2	58.0	59.0	59.3	60.1	60.6	60.6	61.0	61.1	61.1	61.4	61.4	61.5
≥ 15000	36.1	55.0	56.6	58.4	59.5	59.7	60.6	61.0	61.1	61.4	61.6	61.6	61.8	61.8	61.9
≥ 14000	37.0	56.4	58.1	59.9	61.0	61.3	62.1	62.5	62.6	63.0	63.1	63.1	63.4	63.4	63.5
≥ 12000	38.9	59.4	61.7	63.2	64.3	64.7	65.5	66.0	66.0	66.4	66.6	66.6	66.9	66.9	67.0
≥ 10000	40.5	63.5	65.5	67.6	68.8	69.2	70.0	70.5	70.6	71.0	71.1	71.1	71.4	71.4	71.5
≥ 9000	40.8	64.5	66.5	68.8	70.0	70.4	71.2	71.7	71.8	72.2	72.3	72.3	72.6	72.6	72.7
≥ 8000	41.5	66.2	68.5	70.8	72.1	72.5	73.3	73.9	73.9	74.4	74.5	74.5	74.8	74.8	74.9
≥ 7000	42.1	67.8	70.3	72.7	74.0	74.4	75.3	75.8	75.8	76.3	76.4	76.4	76.7	76.7	76.8
≥ 6000	42.6	69.1	71.6	74.1	75.4	75.8	76.7	77.3	77.3	77.8	77.9	77.9	78.2	78.2	78.3
≥ 5000	43.2	70.3	72.9	75.5	76.8	77.3	78.2	78.7	78.8	79.2	79.3	79.3	79.6	79.6	79.7
≥ 4500	43.5	71.1	73.8	76.4	77.8	78.3	79.3	79.8	79.8	80.3	80.4	80.4	80.7	80.7	80.8
≥ 4000	44.3	72.7	75.4	78.1	79.5	80.0	81.0	81.5	81.6	82.0	82.2	82.2	82.5	82.5	82.6
≥ 3500	44.7	73.5	76.3	79.0	80.5	81.0	82.0	82.6	82.7	83.1	83.2	83.2	83.5	83.5	83.7
≥ 3000	45.5	75.1	78.1	80.9	82.5	83.0	84.0	84.7	84.7	85.2	85.3	85.3	85.6	85.6	85.8
≥ 2500	46.2	76.7	79.8	82.8	84.5	85.1	86.2	86.9	86.9	87.4	87.5	87.5	87.8	87.8	88.0
≥ 2000	46.7	79.0	81.3	84.5	86.3	86.9	88.0	88.8	88.9	89.4	89.5	89.5	89.8	89.8	89.9
≥ 1800	46.9	78.3	81.6	84.8	86.7	87.3	88.4	89.2	89.3	89.8	89.9	89.9	90.3	90.3	90.4
≥ 1500	47.2	79.2	82.7	86.0	88.0	88.6	89.9	90.7	90.8	91.2	91.4	91.4	91.8	91.8	91.9
≥ 1200	47.3	79.9	83.5	87.0	89.1	89.9	91.2	92.1	92.1	92.6	92.8	92.8	93.2	93.2	93.3
≥ 1000	47.4	80.6	84.3	88.3	90.7	91.5	92.9	93.8	93.9	94.4	94.6	94.6	95.0	95.0	95.1
≥ 900	47.5	81.0	84.8	86.8	91.2	92.1	93.5	94.5	94.6	95.2	95.3	95.3	95.7	95.7	95.9
≥ 800	47.5	81.1	84.9	89.0	91.6	92.5	94.1	95.1	95.2	95.8	96.0	96.0	96.4	96.4	96.6
≥ 700	47.5	81.2	85.1	89.1	91.8	92.8	94.5	95.5	95.7	96.3	96.5	96.5	96.9	97.0	97.1
≥ 600	47.5	81.2	85.1	89.3	92.0	93.1	94.8	96.0	96.1	96.8	97.0	97.0	97.4	97.5	97.6
≥ 500	47.5	81.3	85.2	89.4	92.2	93.3	95.3	96.5	96.7	97.5	97.7	97.7	98.2	98.2	98.4
≥ 400	47.5	81.3	85.2	89.4	92.2	93.3	95.5	96.8	97.1	97.9	98.1	98.1	98.6	98.7	98.9
≥ 300	47.5	81.3	85.2	89.4	92.2	93.4	95.5	96.9	97.2	98.0	98.3	98.3	98.8	98.9	99.0
≥ 200	47.5	81.3	85.2	89.4	92.3	93.5	95.7	97.0	97.3	98.2	98.5	98.5	99.0	99.2	99.4
≥ 100	47.5	81.3	85.2	89.4	92.3	93.5	95.7	97.1	97.3	98.3	98.6	98.6	99.2	99.3	99.6
≥ 0	47.5	81.3	85.2	89.4	92.3	93.5	95.7	97.1	97.3	98.3	98.6	98.6	99.2	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	30.5	54.7	57.3	60.0	61.1	61.5	62.6	62.7	62.8	64.0	64.2	64.3	64.9	65.4	66.0	66.6
≥20000	31.2	56.1	58.7	61.4	62.5	62.9	64.0	64.1	64.2	65.4	65.6	65.7	66.3	66.8	67.4	68.0
≥18000	31.2	56.1	58.7	61.4	62.5	62.9	64.0	64.1	64.2	65.4	65.6	65.7	66.3	66.8	67.4	68.0
≥15000	31.2	56.2	58.8	61.5	62.6	63.0	64.1	64.2	64.3	65.5	65.7	65.8	66.5	66.9	67.5	68.1
≥14000	31.2	56.3	58.9	61.6	62.7	63.1	64.2	64.3	64.4	65.6	65.8	65.9	66.6	67.0	67.6	68.2
≥12000	32.2	58.0	60.5	63.4	64.5	64.9	66.0	66.1	66.2	67.4	67.6	67.7	68.4	68.8	69.5	70.0
≥10000	33.5	60.1	62.7	65.6	66.8	67.2	68.3	68.4	68.5	69.7	69.9	70.0	70.6	71.1	71.7	72.3
≥9000	33.9	61.3	64.0	66.9	68.1	68.5	69.7	69.8	69.9	71.1	71.3	71.4	72.0	72.5	73.1	73.7
≥8000	35.3	64.0	66.7	69.6	70.8	71.2	72.4	72.5	72.6	73.8	74.0	74.1	74.7	75.2	75.8	76.3
≥7000	35.3	65.2	67.8	70.8	71.9	72.4	73.5	73.7	73.8	74.9	75.2	75.3	75.9	76.3	77.0	77.5
≥6000	35.5	66.3	69.5	72.4	73.7	74.1	75.5	75.8	75.9	77.2	77.4	77.5	78.2	78.6	79.2	79.8
≥5000	36.2	67.7	71.0	74.0	75.3	75.7	77.1	77.4	77.5	78.8	79.0	79.1	79.8	80.2	80.9	81.4
≥4500	36.2	68.0	71.2	74.3	75.6	76.0	77.4	77.7	77.8	79.1	79.4	79.5	80.1	80.5	81.2	81.7
≥4000	36.9	70.8	74.1	77.2	78.5	78.9	80.3	80.6	80.8	82.0	82.3	82.4	83.0	83.4	84.1	84.6
≥3500	37.0	71.7	75.2	78.3	79.6	80.0	81.4	81.7	81.8	83.1	83.3	83.4	84.1	84.5	85.2	85.7
≥3000	37.1	73.0	76.5	79.7	81.0	81.4	82.9	83.2	83.3	84.6	84.8	84.9	85.6	86.0	86.7	87.2
≥2500	37.3	74.3	77.7	81.1	82.4	82.8	84.4	84.7	84.8	86.1	86.3	86.5	87.1	87.5	88.2	88.7
≥2000	37.3	76.0	79.5	82.8	84.2	84.6	86.2	86.6	86.7	88.0	88.2	88.3	88.9	89.4	90.0	90.6
≥1800	37.3	76.0	79.5	82.8	84.2	84.6	86.2	86.8	86.9	88.2	88.4	88.5	89.1	89.6	90.2	90.9
≥1500	37.3	76.2	79.8	83.1	84.7	85.2	86.8	87.5	87.6	88.9	89.1	89.2	89.9	90.3	91.0	91.6
≥1200	37.3	76.5	80.3	84.2	85.9	86.3	88.1	88.9	89.0	90.3	90.5	90.6	91.3	91.7	92.4	93.0
≥1000	37.3	77.1	81.0	85.2	87.1	87.5	89.2	90.1	90.2	91.5	91.7	91.8	92.5	92.9	93.5	94.2
≥900	37.3	77.4	81.3	85.8	87.7	88.2	89.9	90.8	90.9	92.2	92.4	92.6	93.2	93.7	94.3	94.9
≥800	37.3	77.5	81.6	86.1	88.1	88.5	90.2	91.1	91.2	92.5	92.7	92.9	93.5	94.0	94.6	95.3
≥700	37.3	77.7	81.8	86.5	88.4	88.8	90.5	91.4	91.5	92.8	93.0	93.2	94.0	94.4	95.1	95.7
≥600	37.3	78.0	82.0	86.7	88.7	89.1	91.0	92.3	92.4	93.7	93.9	94.1	94.8	95.3	95.9	96.6
≥500	37.3	78.0	82.0	86.7	88.7	89.1	91.1	92.4	92.5	93.9	94.1	94.3	95.1	95.5	96.1	96.8
≥400	37.3	78.0	82.0	86.7	88.7	89.1	91.2	92.5	92.6	94.0	94.2	94.4	95.4	95.8	96.5	97.1
≥300	37.3	78.0	82.0	86.7	88.7	89.1	91.2	92.5	92.6	94.1	94.3	94.5	95.5	95.9	96.6	97.2
≥200	37.3	78.0	82.0	86.7	88.7	89.1	91.4	92.7	92.8	94.3	94.5	94.7	96.1	96.6	97.2	98.0
≥100	37.3	78.0	82.0	86.7	88.7	89.1	91.4	92.7	92.8	94.3	94.5	94.7	96.1	96.6	97.3	98.5
0	37.3	78.0	82.0	86.7	88.7	89.1	91.4	92.7	92.8	94.3	94.5	94.7	96.1	96.6	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS 932

USAF ETAC 1 Nov 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724157 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 45-57 (YEAR) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥	≥	≥	≥	≥	≥	≥	≥	≥
NO CEILING	24.5	44.3	48.3	51.5	53.5	53.9	54.7	55.5	55.9	56.7	57.1	57.4	58.1	58.7	59.1	61.0
≥20000	24.9	46.5	50.4	53.7	55.7	56.0	56.9	57.6	57.6	58.6	59.2	59.6	60.2	60.9	61.3	63.1
≥15000	24.9	46.5	50.4	53.7	55.7	56.0	56.9	57.6	57.6	58.6	59.2	59.6	60.2	60.9	61.3	63.1
≥10000	25.3	46.9	50.9	54.2	56.2	56.6	57.4	58.2	58.2	59.4	59.8	60.1	60.8	61.4	61.8	63.7
≥7000	25.3	47.0	51.0	54.3	56.3	56.7	57.5	58.3	58.3	59.5	59.9	60.2	60.9	61.5	61.9	63.8
≥5000	26.0	48.5	52.5	55.9	58.1	58.4	59.4	60.1	60.1	61.3	61.7	62.0	62.7	63.3	63.8	65.6
≥4000	27.2	51.0	55.1	58.6	60.8	61.1	62.0	62.8	62.8	64.0	64.4	64.7	65.4	66.0	66.5	68.3
≥3000	27.5	51.6	55.8	59.5	61.6	62.2	63.1	63.9	63.9	65.1	65.5	65.8	66.5	67.1	67.5	69.5
≥2500	27.5	53.1	57.3	61.0	63.1	63.7	64.6	65.4	65.4	66.6	67.0	67.3	68.0	68.6	69.0	71.0
≥2000	28.9	55.1	59.5	63.4	65.9	66.5	67.5	68.3	68.3	69.6	70.0	70.3	71.0	71.6	72.0	74.2
≥1500	29.1	56.3	60.9	64.8	67.3	67.8	68.9	69.9	69.9	71.3	71.7	72.0	72.7	73.3	73.9	76.1
≥1000	29.2	57.3	61.9	66.0	68.6	69.1	70.2	71.2	71.2	72.6	73.0	73.3	74.0	74.6	75.2	77.4
≥500	29.4	57.8	62.5	66.6	69.1	69.7	70.8	71.7	71.7	73.1	73.5	73.9	74.5	75.2	75.7	78.0
≥400	30.1	60.5	65.8	69.9	72.6	73.2	74.3	75.3	75.3	76.7	77.1	77.4	78.1	78.7	79.2	81.5
≥300	30.1	61.9	67.1	71.2	73.9	74.5	75.6	76.6	76.6	78.0	78.4	78.7	79.4	80.0	80.5	82.8
≥200	30.2	62.3	68.0	72.3	75.2	75.8	77.0	78.0	78.0	79.4	79.8	80.1	80.8	81.4	81.9	84.2
≥150	30.3	63.9	69.4	73.8	76.7	77.4	78.9	79.8	79.8	81.2	81.6	81.9	82.6	83.2	83.8	86.0
≥100	30.3	65.7	71.4	75.9	78.9	79.6	81.2	82.2	82.2	83.5	84.0	84.3	84.9	85.6	86.1	88.4
≥50	30.9	65.6	71.8	76.3	79.4	80.2	81.6	82.6	82.6	84.0	84.4	84.7	85.4	86.0	86.6	88.8
≥40	31.0	66.1	72.4	77.2	80.2	81.1	82.6	83.5	83.5	84.9	85.4	85.7	86.3	87.0	87.5	89.8
≥30	31.1	66.6	73.9	78.0	81.2	82.0	83.7	84.6	84.6	86.0	86.5	86.8	87.4	88.1	88.6	90.9
≥20	31.0	66.9	73.3	78.6	82.0	83.0	84.5	85.5	85.5	86.9	87.3	87.6	88.3	88.9	89.5	91.7
≥15	31.1	66.9	73.4	79.1	82.7	83.8	85.3	86.2	86.2	87.6	88.1	88.4	89.0	89.7	90.2	92.5
≥10	31.1	67.3	73.9	79.8	83.3	84.4	86.0	87.0	87.0	88.5	88.9	89.2	90.0	90.6	91.3	93.5
≥5	31.0	67.3	74.1	80.0	83.5	84.6	86.2	87.2	87.2	88.7	89.1	89.5	90.2	90.8	91.5	93.8
0	31.0	67.3	74.1	80.0	83.7	84.8	86.8	87.8	87.8	89.4	89.8	90.1	90.9	91.5	92.2	94.4
	31.1	67.4	74.2	80.2	84.1	85.3	87.2	88.6	88.6	90.2	90.6	91.0	91.7	92.4	93.0	95.3
	31.1	67.5	74.4	80.4	84.4	85.6	87.5	88.9	88.9	90.6	91.1	91.4	92.2	92.8	93.4	95.7
	31.0	67.5	74.4	80.4	84.4	85.6	87.5	89.1	89.1	90.9	91.3	91.6	92.4	93.0	93.7	96.6
	31.1	67.5	74.4	80.4	84.5	85.7	87.6	89.2	89.2	91.3	91.7	92.0	92.1	93.8	94.4	97.3
	31.1	67.5	74.4	80.4	84.5	85.7	87.6	89.2	89.2	91.4	91.8	92.2	93.2	93.9	94.6	97.7
	31.0	67.5	74.4	80.4	84.5	85.7	87.6	89.2	89.2	91.4	91.8	92.2	93.2	93.9	94.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

CEILING (FEET)	VISIBILITY STATUTE MILES ≥10	26	25	24	23	22	27	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	24.4	3[illegible].8	42.4	45.9	47.3	48.9	50.4	51.2	51.5	52.4	52.5	52.6	53.2	53.7	57.5	[illegible]	54.7
2000	25.1	39.9	43.9	47.6	49.2	5[illegible].9	52.4	53.4	53.5	54.6	55.1	55.2	56.0	56.1	56.7	[illegible]	57.7
18000	25.1	40.0	44.0	47.7	49.4	51.[illegible]	52.5	53.5	53.9	54.9	55.3	55.4	56.2	56.3	56.9	[illegible]	[illegible]
6000	25.2	40.1	44.1	4[illegible].0	49.6	51.2	52.7	53.6	54.1	55.2	55.5	55.6	56.5	56.6	57.1	[illegible]	[illegible]
4000	25.5	4[illegible].5	44.5	48.4	50.0	51.7	53.2	54.3	54.6	55.7	56.0	56.1	57.0	57.1	57.6	[illegible]	58.7
3000	26.2	42.3	46.2	50.1	51.8	53.5	55.3	56.3	56.8	57.8	58.2	58.3	59.1	59.[illegible]	59.9	[illegible]	[illegible]
10000	27.6	45.6	49.7	53.5	55.6	57.3	59.0	60.1	60.5	61.6	61.9	62.[illegible]	62.9	63.[illegible]	63.5	64.7	
9000	28.[illegible]	46.3	50.5	54.6	56.9	58.7	6[illegible].5	61.6	62.0	63.1	63.5	63.7	64.6	64.7	65.3	[illegible]	
8000	28.0	47.5	51.8	56.[illegible]	58.4	60.3	62.2	63.2	63.7	54.8	65.3	65.4	66.3	66.[illegible]	67.[illegible]	[illegible]	
7000	28.9	49.5	53.[illegible]	58.2	60.8	62.7	64.5	65.6	66.[illegible]	67.2	67.6	67.7	68.7	68.8	69.4	[illegible]	
6000	29.4	51.2	55.6	60.0	62.6	64.5	66.3	67.5	68.0	69.1	69.7	69.8	70.8	70.9	71.4	72.6	
5000	29.9	52.4	56.9	61.4	64.0	65.9	68.[illegible]	69.2	69.7	70.9	71.4	71.5	72.5	72.6	73.1	74.3	
4500	30.0	52.6	57.5	62.0	64.6	66.6	68.6	69.9	70.3	71.5	72.0	72.2	73.1	73.2	73.9	74.9	
4000	30.5	54.6	59.7	64.4	67.2	69.1	71.4	72.9	73.3	74.6	75.2	75.3	76.2	76.3	76.9	78.1	
3500	31.2	55.5	60.9	65.6	68.4	70.3	72.6	74.1	74.5	75.8	76.3	76.5	77.4	77.5	78.1	79.2	
3000	31.[illegible]	56.9	62.4	67.2	70.1	72.2	74.6	76.1	76.6	77.8	78.4	78.5	79.5	79.6	80.1	81.3	
2500	32.3	57.7	63.2	68.1	71.0	73.3	75.9	77.4	78.0	79.2	79.8	79.9	80.9	81.[illegible]	81.5	82.7	
2000	32.3	58.7	64.3	69.1	72.7	74.7	77.4	79.[illegible]	79.6	80.9	81.4	81.5	82.5	82.6	83.1	84.7	
[illegible]	32.3	58.7	64.3	69.2	72.9	74.9	77.6	79.2	79.8	81.1	81.6	81.7	82.7	82.8	83.3	84.5	
[illegible]	32.6	59.6	65.2	70.1	73.8	75.8	78.7	80.3	80.9	82.2	82.7	82.8	83.8	83.9	84.4	85.6	
[illegible]	32.6	59.9	65.5	70.8	74.6	76.8	79.7	81.4	81.9	83.0	83.8	83.9	84.9	84.9	85.5	86.7	
[illegible]	32.6	60.2	65.9	71.4	75.6	77.7	81.0	82.7	8[illegible].3	84.8	85.4	85.5	86.5	86.6	87.1	88.3	
[illegible]	32.6	60.3	66.0	71.5	75.7	77.8	81.1	82.9	8[illegible].5	85.1	85.6	85.7	86.8	86.9	87.4	88.6	
[illegible]	32.6	60.3	66.1	71.9	76.2	78.4	81.7	83.7	84.3	85.8	86.3	86.5	87.6	87.7	88.3	89.5	
[illegible]	32.6	60.8	66.8	72.7	77.0	79.2	82.6	84.9	85.6	87.1	87.6	87.7	89.0	89.1	89.7	90.9	
[illegible]	32.6	60.9	66.9	73.0	77.5	79.9	83.4	86.3	87.0	88.5	89.1	89.2	90.6	90.8	91.7	92.5	
[illegible]	32.6	61.1	67.1	73.2	77.7	80.3	84.0	87.0	87.6	89.4	90.0	90.1	91.5	91.6	92.2	93.3	
[illegible]	32.6	61.1	67.1	73.2	77.7	80.3	84.0	87.1	87.8	89.7	90.3	90.4	91.8	91.9	92.5	93.7	
[illegible]	32.6	61.1	67.1	73.2	77.8	80.5	84.3	87.4	88.2	90.0	90.6	90.8	92.3	92.6	93.1	94.9	
[illegible]	32.6	61.1	67.1	73.2	77.8	80.5	84.3	87.4	88.2	90.1	90.9	91.1	92.7	93.1	94.0	96.2	
[illegible]	32.6	61.1	67.1	73.2	77.8	80.5	84.3	87.4	88.2	90.1	90.9	91.1	92.7	93.1	94.0	97.6	
[illegible]	32.6	61.1	67.1	73.2	77.8	80.5	84.3	87.4	88.2	90.1	90.9	91.1	92.8	93.2	94.1	10[illegible].0	

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7242 27 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEAR) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOUR)

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥	≥	≥	≥	≥	≥	≥5/8	≥	≥
20000	35.2	48.4	51.5	52.[illegible]	52.9	53.1	3.2	53.4	53.4	53.7	53.7	53.7	53.7	53.7	53.7	53.7
15000	37.3	51.2	54.3	54.9	55.9	56.1	56.6	56.8	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1
10000	37.3	51.3	54.4	55.1	56.0	56.2	56.7	56.9	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2
9000	37.3	51.3	54.4	55.1	56.0	56.2	56.7	56.9	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2
8000	38.1	52.[illegible]	55.2	55.8	56.8	57.0	57.4	57.6	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0
7000	39.2	54.3	58.2	58.9	59.9	60.4	60.9	61.1	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4
6000	40.6	57.4	62.8	61.7	63.0	63.7	64.2	64.4	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7
5000	41.3	59.6	62.[illegible]	63.1	64.4	65.1	65.6	65.8	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1
4500	41.8	60.1	63.7	64.9	66.3	67.0	67.5	67.7	67.8	68.1	68.1	68.1	68.1	68.2	68.2	68.2
4000	42.8	61.4	65.2	66.6	68.0	68.6	69.1	69.4	69.5	69.7	69.7	69.7	69.7	69.8	69.8	69.8
3500	43.3	63.[illegible]	66.8	68.3	69.7	70.3	70.9	71.1	71.2	71.4	71.4	71.4	71.4	71.5	71.5	71.5
3000	43.7	64.1	68.2	69.8	71.2	71.8	72.4	72.6	72.7	72.9	72.9	72.9	72.9	73.[illegible]	73.0	73.0
2500	44.4	65.3	69.4	71.4	72.8	73.4	74.1	74.3	74.4	74.6	74.6	74.6	74.6	74.7	74.7	74.7
2000	46.0	67.3	71.7	74.2	75.6	76.2	76.9	77.1	77.2	77.4	77.4	77.4	77.4	77.5	77.5	77.5
1500	46.8	68.6	73.2	75.9	77.4	78.1	78.7	79.0	79.2	79.5	79.5	79.5	79.5	79.6	79.6	79.6
1000	49.5	71.9	76.7	79.7	81.2	81.8	82.5	82.8	83.0	83.2	83.2	83.2	83.2	83.3	83.3	83.3
900	50.2	72.8	77.7	80.8	82.3	82.9	83.5	83.9	84.1	84.3	84.3	84.3	84.3	84.4	84.4	84.4
800	50.6	73.7	78.7	82.3	84.0	84.6	85.4	85.7	85.9	86.1	86.1	86.1	86.1	86.2	86.2	86.2
700	50.8	73.8	78.8	82.6	84.3	84.9	85.7	86.0	86.2	86.5	86.5	86.5	86.5	86.6	86.6	86.6
600	51.1	75.2	80.4	84.3	86.2	86.9	87.7	88.1	88.3	88.5	88.5	88.5	88.5	88.6	88.6	88.6
500	51.3	75.8	81.1	84.9	87.2	87.8	88.7	89.1	89.4	89.6	89.6	89.6	89.6	89.7	89.7	89.7
400	51.5	76.5	81.8	86.0	88.5	89.2	90.5	91.1	91.3	91.5	91.5	91.5	91.5	91.6	91.6	91.6
300	51.5	76.6	82.2	86.5	88.9	90.2	91.5	92.0	92.3	92.5	92.5	92.5	92.5	92.6	92.6	92.6
200	51.5	76.7	82.5	86.9	89.6	91.0	92.5	93.1	93.3	93.7	93.8	93.8	93.8	93.9	93.9	93.9
150	51.5	77.1	83.0	87.5	90.2	91.7	93.4	94.3	94.5	95.2	95.3	95.3	95.3	95.4	95.4	95.4
100	51.5	77.2	83.1	87.8	90.6	92.2	94.0	94.9	95.2	95.8	95.9	95.9	95.9	96.0	96.0	96.[illegible]
50	51.5	77.3	83.4	88.2	91.0	92.7	94.8	96.0	96.2	97.1	97.2	97.2	97.3	97.4	97.4	97.4
40	51.5	77.3	83.5	88.5	91.3	93.0	95.2	96.3	96.6	98.0	98.2	98.2	98.3	98.4	98.4	98.4
30	51.5	77.3	83.5	88.5	91.4	93.1	95.3	96.5	96.7	98.1	98.4	98.5	98.6	98.7	98.9	98.9
20	51.5	77.3	83.5	88.6	91.5	93.2	95.4	96.6	96.8	98.3	98.6	98.7	98.9	99.0	99.2	99.5
10	51.5	77.3	83.5	88.6	91.5	93.2	95.4	96.6	96.8	98.3	98.6	98.7	98.9	99.0	99.2	99.8
0	51.5	77.3	83.5	88.6	91.5	93.2	95.4	96.6	96.8	98.3	98.6	98.7	98.9	99.0	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1300-1400

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0
≥ 30000	42.7	50.9	51.9	52.6	53.0	53.1	53.5	53.7	53.7	53.7	53.7	53.7	53.7
≥ 25000	46.5	56.2	57.3	58.2	58.7	58.9	59.6	59.7	59.7	59.7	59.7	59.7	59.7
≥ 20000	46.6	56.5	57.5	58.4	58.9	59.1	59.8	59.9	59.9	59.9	59.9	59.9	59.9
≥ 18000	46.7	56.8	57.8	58.7	59.2	59.5	60.1	60.2	60.2	60.2	60.2	60.2	60.2
≥ 15000	47.4	58.0	59.0	59.9	60.4	60.6	61.3	61.4	61.4	61.4	61.4	61.4	61.4
≥ 12000	48.7	60.6	61.7	62.6	63.1	63.3	64.1	64.2	64.2	64.2	64.2	64.2	64.2
≥ 10000	50.3	63.7	64.8	65.9	66.7	66.9	67.6	67.7	67.7	67.7	67.7	67.7	67.7
≥ 9000	51.1	64.4	65.6	66.7	67.4	67.6	68.4	68.5	68.5	68.5	68.5	68.5	68.5
≥ 8000	52.3	66.2	67.5	68.7	69.5	69.7	70.4	70.5	70.5	70.5	70.5	70.5	70.5
≥ 7000	53.5	68.3	69.7	71.0	71.7	71.9	72.8	72.9	72.9	72.9	72.9	72.9	72.9
≥ 6000	54.4	70.2	71.7	73.1	73.9	74.1	74.9	75.1	75.1	75.1	75.1	75.1	75.1
≥ 5000	55.6	71.7	73.5	75.1	75.8	76.0	76.9	77.0	77.0	77.0	77.0	77.0	77.0
≥ 4500	56.5	73.0	74.9	76.3	77.1	77.3	78.2	78.3	78.3	78.3	78.3	78.3	78.3
≥ 4000	59.0	76.2	78.4	80.1	80.9	81.1	81.9	82.0	82.0	82.0	82.0	82.0	82.0
≥ 3500	60.5	78.0	80.1	81.9	82.7	83.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2
≥ 3000	63.3	81.2	83.4	85.3	86.0	86.5	87.4	87.5	87.5	87.5	87.5	87.5	87.5
≥ 2500	63.9	82.0	84.3	86.3	87.1	87.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6
≥ 2000	64.4	83.7	85.9	88.3	89.0	89.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1800	64.5	84.4	86.7	89.0	89.8	90.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1500	64.9	85.8	88.3	91.1	92.3	92.7	93.8	93.9	93.9	94.1	94.1	94.1	94.1
≥ 1200	65.2	86.3	89.4	92.6	94.2	94.6	95.7	95.8	95.8	96.1	96.1	96.1	96.1
≥ 1000	65.2	86.5	89.6	92.8	94.4	94.8	95.9	96.0	96.0	96.5	96.5	96.5	96.5
≥ 900	65.2	86.9	90.0	93.3	95.3	95.8	97.0	97.1	97.1	97.7	97.7	97.7	97.7
≥ 800	65.2	87.1	90.2	93.8	95.7	96.2	97.6	97.7	97.7	98.4	98.4	98.4	98.4
≥ 700	65.2	87.1	90.2	93.8	95.7	96.2	97.6	97.7	97.7	98.5	98.5	98.5	98.5
≥ 600	65.2	87.2	90.3	94.2	96.1	96.8	98.2	98.3	98.3	99.0	99.0	99.0	99.0
≥ 500	65.2	87.2	90.3	94.2	96.1	96.8	98.2	98.4	98.4	99.4	99.4	99.4	99.4
≥ 400	65.2	87.2	90.4	94.3	96.2	97.2	98.6	98.6	98.8	99.8	99.8	99.8	99.8
≥ 300	65.2	87.2	90.5	94.4	96.5	97.4	98.8	99.0	99.0	100.0	100.0	100.0	100.0
≥ 200	65.2	87.2	90.5	94.4	96.5	97.4	98.8	99.0	99.0	100.0	100.0	100.0	100.0
≥ 100	65.2	87.2	90.5	94.4	96.5	97.4	98.8	99.0	99.0	100.0	100.0	100.0	100.0
≥ 0	65.2	87.2	90.5	94.4	96.5	97.4	98.8	99.0	99.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 46-57 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥15/16	≥7/8	≥3/4
UNLIMITED	42.9	50.6	51.0	51.6	51.9	51.9	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3
20000	45.3	57.3	57.6	58.7	59.0	59.1	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8
18000	45.4	57.6	58.0	59.0	59.4	59.5	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2
15000	48.5	57.8	58.2	59.2	59.6	59.7	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4
12000	49.6	59.9	59.2	60.3	60.6	60.8	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5
10000	51.3	61.2	61.5	62.8	63.1	63.2	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0
9000	53.4	64.1	64.9	66.2	66.6	66.7	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4
8000	53.3	64.7	65.6	66.9	67.2	67.3	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1
7000	55.6	68.0	68.8	70.3	70.6	70.9	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6
6000	56.5	69.1	70.0	71.6	71.9	72.2	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9
5000	57.5	71.1	72.0	73.8	74.1	74.3	74.9	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1
4500	59.1	74.2	75.2	77.4	77.7	78.0	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7
4000	59.8	75.4	76.3	78.6	78.9	79.1	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9
3500	62.3	78.9	80.1	82.4	82.8	83.0	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8
3000	63.1	80.6	81.8	84.3	84.7	84.9	85.6	85.7	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0
2500	64.9	83.8	85.1	87.5	88.0	88.2	88.8	88.9	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2
2000	65.6	85.1	86.3	89.0	89.7	89.9	90.5	90.6	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0
1800	66.1	86.3	87.8	90.8	91.5	91.7	92.4	92.5	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8
1500	66.5	87.0	88.6	91.5	92.3	92.5	93.1	93.3	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7
1200	66.7	88.0	89.7	92.9	93.7	94.0	94.6	94.9	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3
1000	66.7	88.9	90.6	94.0	95.5	95.8	96.8	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4
900	66.7	89.5	91.2	95.2	96.2	96.6	97.5	97.8	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3
800	66.7	89.5	91.2	95.4	96.6	96.9	97.8	98.2	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7
700	66.8	89.7	91.4	95.7	97.0	97.3	98.3	98.6	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2
600	66.8	89.7	91.4	95.7	97.1	97.4	98.4	98.7	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4
500	66.8	89.7	91.4	95.7	97.1	97.4	98.4	98.8	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5
400	66.8	89.7	91.4	95.7	97.1	97.4	98.4	98.8	99.0	99.5	99.5	99.5	99.6	99.6	99.6	99.6
300	66.8	89.9	91.6	95.9	97.3	97.6	98.7	99.1	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9
200	66.8	90.0	91.7	96.0	97.4	97.7	98.8	99.2	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0
100	66.8	90.0	91.7	96.0	97.4	97.7	98.8	99.2	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0	66.8	90.0	91.7	96.0	97.4	97.7	98.8	99.2	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0
	66.8	90.0	91.7	96.0	97.4	97.7	98.8	99.2	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724057 (STATION) PHILLIPS/ABERDEEN MO (STATION NAME) 46-57 (YEARS) 267 (HOURS)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	39.9	54.6	56.3	57.4	57.8	57.8	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.5	58.8
≥20000	42.3	59.3	60.0	61.1	61.6	61.6	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.4	62.7
≥18000	42.3	59.3	60.0	61.1	61.6	61.6	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.4	62.7
≥15000	42.3	58.5	60.2	61.3	61.8	61.8	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.7	63.0
≥12000	44.1	60.3	62.0	63.1	63.7	63.7	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.5	64.8
≥10000	45.8	63.2	65.1	66.6	67.1	67.1	67.7	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.1	68.4
≥9000	46.6	66.6	68.8	70.3	70.9	70.9	71.5	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.8	72.2
≥8000	47.0	67.5	69.8	71.3	71.8	71.8	72.5	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.8	73.1
≥7000	46.0	69.8	72.0	73.5	74.1	74.1	74.7	74.8	74.8	75.3	75.3	75.3	75.3	75.3	75.4	75.7
≥6000	48.6	71.2	73.4	75.3	75.9	75.9	76.7	76.8	76.8	77.2	77.2	77.2	77.2	77.2	77.3	77.6
≥5500	49.8	73.2	75.6	77.4	78.2	78.2	78.9	79.0	79.0	79.5	79.5	79.5	79.5	79.5	79.6	79.9
≥5000	50.6	75.1	77.5	79.5	80.2	80.3	81.1	81.2	81.2	81.6	81.6	81.6	81.6	81.6	81.7	82.0
≥4500	51.4	76.1	78.6	80.5	81.3	81.5	82.3	82.4	82.4	82.6	82.8	82.8	82.8	82.8	82.9	83.2
≥4000	52.2	78.9	81.0	83.8	84.5	84.7	85.5	85.6	85.6	86.0	86.0	86.0	86.0	86.0	86.1	86.5
≥3500	52.6	80.4	83.4	85.8	86.6	86.8	87.5	87.6	87.6	88.1	88.1	88.1	88.1	88.1	88.2	88.5
≥3000	52.8	81.7	84.8	87.2	88.0	88.2	88.9	89.0	89.0	89.5	89.5	89.5	89.5	89.5	89.6	89.9
≥2500	53.1	83.5	86.8	89.2	90.0	90.2	91.1	91.2	91.2	91.6	91.6	91.6	91.6	91.6	91.7	92.0
≥2000	53.1	84.9	88.5	91.1	92.2	92.4	93.3	93.4	93.4	93.9	93.9	93.9	93.9	93.9	94.0	94.3
≥1800	53.1	85.2	88.7	91.3	92.4	92.7	93.7	93.8	93.8	94.2	94.2	94.2	94.2	94.2	94.3	94.6
≥1500	53.1	85.6	89.1	91.7	93.1	93.7	94.6	94.7	94.7	95.2	95.2	95.2	95.2	95.2	95.3	95.6
≥1200	53.1	86.3	90.1	92.8	94.3	94.8	96.2	96.3	96.3	96.8	96.8	96.8	96.8	96.8	96.9	97.2
≥1000	53.1	86.6	90.5	93.3	94.9	95.5	96.9	97.0	97.0	97.5	97.5	97.5	97.5	97.5	97.6	98.0
≥900	53.1	86.6	90.5	93.4	95.1	95.6	97.0	97.1	97.1	97.6	97.6	97.6	97.6	97.6	97.7	98.1
≥800	53.1	86.8	90.9	93.9	95.5	96.0	97.4	97.5	97.5	98.1	98.1	98.1	98.1	98.1	98.2	98.5
≥700	53.1	86.8	90.9	94.1	95.9	96.5	97.8	98.1	98.1	98.6	98.6	98.6	98.6	98.6	98.7	99.0
≥600	53.1	86.8	90.9	94.1	96.1	96.7	98.1	98.3	98.3	98.8	98.8	98.8	98.8	98.8	98.9	99.2
≥500	53.1	86.9	91.0	94.2	96.2	96.8	98.3	98.5	98.5	99.0	99.0	99.0	99.0	99.0	99.1	99.5
≥400	53.1	86.9	91.0	94.4	96.5	97.0	98.5	98.7	98.7	99.2	99.2	99.2	99.2	99.2	99.4	99.7
≥300	53.1	86.9	91.0	94.4	96.5	97.0	98.5	98.7	98.7	99.2	99.2	99.2	99.2	99.2	99.4	99.7
≥200	53.1	86.9	91.0	94.4	96.5	97.0	98.5	98.7	98.7	99.2	99.2	99.2	99.5	99.5	99.6	99.9
≥0	53.1	86.9	91.0	94.4	96.5	97.0	98.5	98.7	98.7	99.2	99.2	99.2	99.5	99.5	99.6	100.0
	53.1	86.9	91.0	94.4	96.5	97.0	98.5	98.7	98.7	99.2	99.2	99.2	99.5	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724257 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~1100-2300~~

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
NO CEILING	34.9	56.1	59.4	61.0	62.3	62.6	63.4	63.8	63.9	64.4	64.6	64.6	64.6	64.6	64.9	65.1
≥ 20000	36.6	58.3	61.7	63.3	64.6	64.9	65.8	66.1	66.2	66.8	67.0	67.0	67.0	67.0	67.3	67.4
≥ 18000	36.7	58.4	61.8	63.4	64.7	65.1	65.9	66.2	66.3	66.9	67.1	67.1	67.1	67.1	67.4	67.5
≥ 16000	36.7	58.4	61.8	63.4	64.7	65.1	65.9	66.2	66.3	66.9	67.1	67.1	67.1	67.1	67.4	67.5
≥ 14000	36.8	58.6	62.0	63.7	64.9	65.3	66.1	66.5	66.6	67.1	67.3	67.3	67.3	67.3	67.6	67.7
≥ 12000	37.7	60.4	64.1	65.7	67.1	67.4	68.3	68.6	68.7	69.5	69.7	69.7	69.7	69.7	70.0	70.1
≥ 10000	39.1	62.6	66.2	68.0	69.5	69.8	70.6	71.0	71.1	71.8	72.0	72.0	72.0	72.0	72.4	72.5
≥ 9000	39.8	63.2	66.9	68.6	70.1	70.4	71.3	71.6	71.7	72.5	72.7	72.7	72.7	72.7	73.0	73.1
≥ 8000	40.8	65.4	69.3	70.8	72.3	72.6	73.4	73.8	73.9	74.6	74.8	74.8	74.9	74.9	75.4	75.6
≥ 7000	41.3	67.6	71.3	73.0	74.5	74.8	75.9	76.2	76.3	77.2	77.4	77.4	77.5	77.5	78.0	78.2
≥ 6000	41.5	69.7	73.4	75.2	76.7	77.0	78.1	79.4	78.5	79.6	79.8	79.8	79.9	79.9	80.3	80.5
≥ 5000	41.8	70.8	74.5	76.6	78.1	78.4	79.6	79.9	80.0	81.1	81.3	81.3	81.4	81.4	81.8	82.0
≥ 4500	42.3	71.6	75.5	77.5	79.0	79.4	80.5	80.9	81.0	82.0	82.3	82.3	82.4	82.4	82.8	83.0
≥ 4000	42.9	74.6	78.7	81.4	82.5	82.8	84.0	84.3	84.4	85.5	85.7	85.7	85.8	85.8	86.2	86.5
≥ 3500	43.0	75.2	79.4	81.6	83.1	83.4	84.6	84.9	85.1	86.1	86.3	86.3	86.5	86.5	86.9	87.1
≥ 3000	43.5	76.3	80.6	82.9	84.5	84.8	86.2	86.6	86.7	87.7	88.0	88.0	88.1	88.1	88.5	88.7
≥ 2500	43.5	77.4	81.8	84.4	86.0	86.3	87.8	88.3	88.4	89.5	89.7	89.7	89.8	89.8	90.2	90.4
≥ 2000	43.7	79.4	84.1	86.9	88.7	89.0	90.6	91.1	91.2	92.3	92.5	92.5	92.6	92.6	93.0	93.2
≥ 1800	43.7	79.6	84.3	87.1	88.9	89.2	90.9	91.3	91.4	92.5	92.7	92.7	92.8	92.8	93.2	93.4
≥ 1500	43.8	80.0	84.8	87.6	89.6	89.9	91.5	91.9	92.0	93.1	93.3	93.3	93.4	93.4	93.9	94.1
≥ 1200	43.9	80.9	86.3	88.9	90.9	91.2	92.9	93.3	93.4	94.5	94.7	94.7	94.8	94.8	95.3	95.5
≥ 1000	43.9	81.2	86.3	89.8	91.9	92.5	94.2	94.6	94.7	95.8	96.0	96.0	96.1	96.1	96.6	96.8
≥ 900	43.9	81.3	86.5	89.9	92.2	92.7	94.4	94.8	94.9	96.0	96.2	96.2	96.3	96.3	96.8	97.0
≥ 800	43.9	81.3	86.5	90.0	92.3	92.8	94.6	95.1	95.2	96.2	96.5	96.5	96.6	96.6	97.0	97.2
≥ 700	43.9	81.3	86.5	90.3	92.6	93.1	94.9	95.4	95.5	96.6	96.8	96.8	96.9	96.9	97.3	97.5
≥ 600	43.9	81.3	86.5	90.3	92.9	93.4	95.4	95.8	95.9	97.0	97.2	97.2	97.3	97.3	97.7	98.0
≥ 500	43.9	81.3	86.5	90.4	93.0	93.5	95.5	95.9	96.0	97.3	97.5	97.5	97.6	97.6	98.1	98.3
≥ 400	43.9	81.3	86.5	90.4	93.1	93.7	95.6	96.1	96.2	97.5	97.7	97.7	97.8	97.8	98.3	98.5
≥ 300	43.9	81.3	86.5	90.4	93.1	93.7	95.6	96.1	96.2	97.5	97.7	97.8	98.0	98.0	98.4	98.6
≥ 200	43.9	81.3	86.5	90.4	93.1	93.7	95.6	96.2	96.3	97.7	98.0	98.1	98.5	98.5	98.9	99.1
≥ 100	43.9	81.3	86.5	90.4	93.1	93.7	95.7	96.3	96.5	97.8	98.1	98.2	98.6	98.6	99.0	99.2
≥ 0	43.9	81.3	86.5	90.4	93.1	93.7	95.7	96.5	96.6	98.0	98.2	98.3	98.8	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4	≥0
NO CEILING	34.3	49.8	52.3	54.0	55.0	55.4	56.1	56.3	56.4	56.9	57.0	57.1	57.4	57.5	57.7	58.2
≥ 20000	36.5	53.0	55.5	57.4	58.4	58.8	59.6	60.0	60.0	60.6	60.7	60.8	61.0	61.2	61.5	61.9
≥ 18000	36.5	53.1	55.6	57.5	58.5	58.9	59.8	60.1	60.2	60.7	60.8	60.9	61.2	61.3	61.6	62.1
≥ 6000	36.6	53.3	55.8	57.7	58.7	59.1	60.0	60.3	60.4	60.9	61.1	61.1	61.4	61.5	61.8	62.3
≥ 14000	37.2	54.0	56.5	58.4	59.4	59.9	60.7	61.0	61.1	61.6	61.8	61.9	62.1	62.3	62.5	63.0
≥ 12000	38.4	56.1	58.7	60.8	61.8	62.3	63.2	63.5	63.6	64.2	64.3	64.4	64.7	64.8	65.1	65.6
≥ 10000	39.9	58.9	61.6	63.7	65.0	65.4	56.3	66.7	66.8	67.3	67.5	67.6	67.8	68.0	68.2	68.7
≥ 9000	40.3	59.7	62.5	64.7	65.9	66.5	67.4	67.7	67.8	68.4	68.5	68.6	68.9	69.0	69.3	69.8
≥ 8000	41.1	61.8	64.6	66.9	68.1	68.7	69.6	69.9	70.0	70.7	70.8	70.9	71.2	71.3	71.6	72.1
≥ 7000	42.0	63.4	66.3	68.7	70.1	70.6	71.6	71.9	72.0	72.7	72.9	72.9	73.2	73.4	73.7	74.2
≥ 6000	42.6	65.1	68.2	70.6	72.0	72.5	73.6	74.0	74.1	74.8	74.9	75.0	75.3	75.5	75.8	76.3
≥ 5000	43.3	66.7	69.8	72.5	73.9	74.4	75.5	75.9	76.0	76.7	76.9	76.9	77.2	77.4	77.7	78.2
≥ 4500	43.7	67.5	70.7	73.4	74.8	75.4	76.5	76.9	77.0	77.7	77.8	77.9	78.2	78.4	78.7	79.2
≥ 4000	45.3	70.3	73.8	76.6	78.1	78.6	79.7	80.2	80.3	81.0	81.2	81.3	81.5	81.7	82.0	82.6
≥ 3500	45.5	71.5	75.1	78.1	79.5	80.1	81.3	81.7	81.8	82.6	82.8	82.8	83.1	83.3	83.6	84.1
≥ 3000	46.7	73.5	77.2	80.2	81.7	82.4	83.5	84.0	84.1	84.9	85.1	85.1	85.4	85.6	85.9	86.4
≥ 2500	47.1	74.6	78.4	81.6	83.2	83.8	85.1	85.6	85.7	86.4	86.6	86.7	87.0	87.1	87.4	88.0
≥ 2000	47.3	76.0	80.0	83.4	85.1	85.8	87.1	87.6	87.8	88.5	88.7	88.8	89.0	89.2	89.5	90.1
≥ 1800	47.4	76.3	80.3	83.7	85.5	86.2	87.5	88.1	88.2	88.9	89.1	89.2	89.5	89.6	89.9	90.5
≥ 1500	47.6	77.1	81.2	84.8	86.7	87.4	88.8	89.4	89.5	90.3	90.4	90.5	90.8	91.0	91.3	91.8
≥ 1200	47.6	77.6	82.0	85.8	88.0	88.7	90.2	90.8	91.0	91.7	91.9	92.0	92.3	92.4	92.7	93.3
≥ 1000	47.6	78.0	82.5	86.5	88.8	89.6	91.2	91.9	92.0	92.8	93.0	93.1	93.4	93.5	93.8	94.4
≥ 900	47.6	78.2	82.6	86.9	89.3	90.1	91.7	92.4	92.5	93.4	93.6	93.7	94.0	94.2	94.4	95.0
≥ 800	47.7	78.3	82.9	87.3	89.7	90.6	92.3	93.0	93.1	94.0	94.2	94.3	94.7	94.8	95.1	95.7
≥ 700	47.7	78.5	83.1	87.6	90.1	91.0	92.7	93.5	93.6	94.6	94.8	94.9	95.2	95.4	95.7	96.3
≥ 600	47.7	78.5	83.1	87.7	90.3	91.3	93.1	94.1	94.2	95.2	95.4	95.5	95.9	96.0	96.3	96.9
≥ 500	47.7	78.6	83.2	87.8	90.5	91.5	93.4	94.4	94.6	95.7	95.9	96.0	96.4	96.6	96.9	97.4
≥ 400	47.7	78.6	83.3	88.0	90.7	91.7	93.7	94.7	94.9	96.1	96.3	96.4	96.8	97.0	97.3	97.8
≥ 300	47.7	78.7	83.3	88.0	90.7	91.8	93.8	94.8	95.0	96.2	96.4	96.5	97.0	97.2	97.5	98.2
≥ 200	47.7	78.7	83.3	88.0	90.8	91.8	93.8	94.9	95.1	96.4	96.6	96.7	97.4	97.6	97.9	98.8
≥ 100	47.7	78.7	83.3	88.0	90.8	91.8	93.8	94.9	95.1	96.4	96.6	96.7	97.4	97.6	98.0	99.1
0	47.7	78.7	83.3	88.0	90.8	91.8	93.8	94.9	95.1	96.4	96.6	96.8	97.4	97.6	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (GMT)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
NO CEILING	34.9	53.0	54.3	55.8	56.6	56.9	57.9	59.0	59.0	59.4	59.5	59.9	60.3	60.4	60.4	60.9
≥ 20000	35.3	54.0	55.3	56.8	57.6	57.9	58.9	60.0	60.2	60.6	61.0	61.0	61.6	61.7	61.7	62.1
≥ 18000	35.3	54.0	55.3	56.8	57.6	57.9	58.9	60.0	60.2	60.6	61.0	61.0	61.6	61.7	61.7	62.1
≥ 16000	35.3	54.0	55.3	56.8	57.6	57.9	58.9	60.0	60.2	60.6	61.0	61.0	61.6	61.7	61.7	62.1
≥ 14000	35.3	54.8	56.1	57.6	58.3	58.7	59.7	60.8	61.0	61.4	61.9	61.9	62.4	62.6	62.6	63.0
≥ 12000	37.1	56.4	58.0	59.4	60.2	60.6	61.6	62.7	62.9	63.3	63.8	63.8	64.3	64.4	64.4	64.9
≥ 10000	37.7	58.2	60.0	61.7	62.4	62.8	63.8	64.9	65.1	65.6	66.2	66.2	66.6	66.9	66.9	67.3
≥ 9000	38.1	58.9	60.7	62.3	63.1	63.4	64.4	65.6	65.8	66.4	66.9	66.9	67.4	67.6	67.6	68.0
≥ 8000	38.8	61.4	63.3	65.0	65.8	66.3	67.4	68.6	68.8	69.4	70.0	70.0	70.8	70.9	70.9	71.3
≥ 7000	39.9	63.8	65.7	67.6	68.3	68.9	70.0	71.1	71.3	72.0	72.6	72.6	73.3	73.4	73.4	73.9
≥ 6000	40.3	65.8	67.9	69.9	70.7	71.2	72.3	73.4	73.7	74.4	75.0	75.0	75.8	75.9	75.9	76.3
≥ 5000	41.0	66.9	69.0	71.0	71.8	72.3	73.6	74.7	74.9	75.7	76.2	76.2	77.0	77.1	77.1	77.6
≥ 4500	42.3	68.8	71.2	73.2	74.0	74.6	75.8	76.9	77.1	77.9	78.4	78.4	79.2	79.3	79.3	79.8
≥ 4000	42.9	69.9	72.6	74.6	75.3	75.9	77.3	78.4	78.7	79.4	80.0	80.0	80.9	81.0	81.0	81.4
≥ 3500	43.3	71.3	74.4	76.4	77.3	77.9	79.3	80.4	80.7	81.4	82.0	82.0	82.9	83.0	83.0	83.4
≥ 3000	43.5	72.8	76.1	78.2	79.1	79.7	81.1	82.2	82.4	83.2	83.8	83.8	84.7	84.8	84.8	85.2
≥ 2500	44.0	73.4	76.9	79.1	80.1	80.8	82.2	83.3	83.6	84.3	84.9	84.9	85.8	85.9	85.9	86.3
≥ 2000	44.4	74.7	78.2	80.8	81.9	82.6	84.0	85.1	85.3	86.1	86.7	86.7	87.6	87.7	87.7	88.1
≥ 1800	44.4	74.9	78.6	81.2	82.3	83.0	84.4	85.6	85.8	86.6	87.1	87.1	88.0	88.1	88.1	88.6
≥ 1500	44.4	75.7	79.6	82.6	84.2	84.9	86.4	87.6	87.8	88.6	89.1	89.1	90.0	90.1	90.1	90.6
≥ 1200	44.4	76.3	80.3	83.7	85.4	86.1	87.8	88.9	89.1	90.1	90.7	90.7	91.6	91.7	91.7	92.1
≥ 1000	44.4	76.4	80.8	84.7	86.6	87.6	89.2	90.3	90.6	91.6	92.1	92.1	93.3	93.4	93.4	93.9
≥ 900	44.4	76.4	80.9	85.0	86.9	88.1	89.9	91.0	91.2	92.2	92.8	92.8	94.0	94.1	94.1	94.6
≥ 800	44.4	76.7	81.1	85.2	87.1	88.3	90.1	91.2	91.4	92.4	93.1	93.1	94.4	94.6	94.6	95.0
≥ 700	44.4	76.8	81.2	85.3	87.4	88.9	90.7	91.8	92.0	93.0	93.7	93.7	95.0	95.1	95.1	95.6
≥ 600	44.4	76.8	81.2	85.7	87.8	89.4	91.6	92.8	93.0	94.0	94.7	94.7	96.2	96.3	96.3	96.8
≥ 500	44.4	76.8	81.3	85.8	88.0	89.8	91.9	93.1	93.3	94.3	95.0	95.0	96.6	96.7	96.7	97.1
≥ 400	44.4	76.8	81.3	85.8	88.0	89.8	91.9	93.2	93.4	94.4	95.1	95.1	96.7	96.8	96.8	97.2
≥ 300	44.4	76.8	81.3	85.8	88.1	89.9	92.3	93.7	93.9	94.9	95.6	95.6	97.1	97.3	97.6	98.0
≥ 200	44.4	76.8	81.3	85.8	88.1	89.9	92.3	93.7	93.9	94.9	95.6	95.7	97.7	97.9	98.1	98.6
≥ 100	44.4	76.8	81.3	85.8	88.1	89.9	92.3	93.7	93.9	95.0	95.7	95.8	97.8	98.0	98.2	98.9
≥ 0	44.4	76.8	81.3	85.8	88.1	89.9	92.3	93.7	93.9	95.0	95.7	95.8	97.8	98.0	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724157 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 46-57 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

300-0500

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥3/8	≥¼	≥0
NO CEILING	27.6	47.3	49.2	51.0	51.7	52.7	53.4	54.4	54.4	55.3	55.6	55.6	56.4	56.4	56.8	57.7
≥20000	28.1	48.1	50.3	52.1	52.8	53.8	54.6	55.6	55.6	56.4	56.7	56.7	57.8	57.8	58.2	59.1
≥18000	28.1	48.1	50.3	52.1	52.8	53.8	54.6	55.6	55.6	56.4	56.7	56.7	57.8	57.8	58.2	59.1
≥6000	28.1	48.1	50.3	52.1	52.8	53.8	54.6	55.6	55.6	56.4	56.7	56.7	57.8	57.8	58.2	59.1
≥4000	28.3	49.1	51.3	53.1	53.8	54.8	55.6	56.6	56.6	57.4	57.7	57.7	58.8	58.8	59.2	60.1
≥3000	29.2	51.0	53.2	55.0	55.7	56.7	57.4	58.4	58.4	59.3	59.6	59.6	60.7	60.7	61.1	62.0
≥2000	29.9	53.1	55.3	57.1	57.8	58.8	59.6	60.6	60.6	61.6	61.8	61.8	62.9	62.9	63.3	64.2
≥9000	30.1	53.4	55.7	57.4	58.1	59.1	59.9	60.9	60.9	61.9	62.1	62.1	63.2	63.2	63.7	64.6
≥8000	31.4	57.2	59.7	61.6	62.3	63.3	64.1	65.1	65.1	66.1	66.3	66.3	67.4	67.4	67.9	68.8
≥7000	32.8	59.3	61.9	63.8	64.7	65.7	66.4	67.6	67.6	68.7	69.0	69.0	70.1	70.1	70.6	71.4
≥6000	34.4	62.7	65.2	67.1	68.0	69.1	70.0	71.1	71.1	72.3	72.7	72.7	73.8	73.8	74.2	75.1
≥5000	35.0	64.1	66.7	68.6	69.6	70.9	71.8	72.9	72.9	74.1	74.4	74.4	75.6	75.6	76.0	76.9
≥4500	35.3	64.7	67.4	69.3	70.3	71.7	72.6	73.7	73.7	74.9	75.2	75.2	76.3	76.3	76.8	77.7
≥4000	36.7	66.8	69.6	71.4	72.4	73.8	75.0	76.1	76.1	77.4	77.8	77.8	79.0	79.0	79.4	80.3
≥3500	37.3	67.8	70.7	72.8	73.9	75.2	76.4	77.6	77.6	78.9	79.2	79.2	80.4	80.4	80.9	81.8
≥3000	37.3	69.6	73.1	75.3	76.8	78.1	79.6	80.7	80.7	82.0	82.3	82.3	83.6	83.6	84.0	84.9
≥2500	37.3	70.4	74.2	76.6	78.1	79.4	81.0	82.1	82.1	83.4	83.8	83.8	85.0	85.0	85.4	86.3
≥2000	37.7	70.9	74.9	77.2	78.8	80.1	81.8	82.9	82.9	84.2	84.6	84.6	85.8	85.8	86.2	87.1
≥1800	37.7	71.6	75.6	77.9	79.4	80.8	82.6	83.7	83.7	85.0	85.3	85.3	86.6	86.6	87.0	87.9
≥1500	37.7	72.1	76.1	78.8	81.6	81.9	83.7	84.8	84.8	86.1	86.4	86.4	87.7	87.7	88.1	89.0
≥1200	37.7	72.4	76.4	79.2	81.0	82.3	84.2	85.3	85.3	86.7	87.0	87.0	88.2	88.2	88.7	89.6
≥1000	37.7	72.6	76.7	80.1	82.0	83.7	85.7	86.8	86.8	88.1	88.4	88.4	89.9	89.9	90.3	91.2
≥900	37.7	72.6	77.0	80.6	82.4	84.1	86.1	87.2	87.2	88.6	89.1	89.1	90.6	90.6	91.0	91.9
≥800	37.7	72.9	77.2	80.8	82.8	84.4	86.6	87.7	87.7	89.0	89.7	89.7	91.1	91.1	91.6	92.4
≥700	37.7	73.0	77.4	81.1	83.1	84.8	86.9	88.1	88.1	89.4	90.2	90.2	91.8	91.8	92.2	93.1
≥600	37.7	73.3	77.9	81.7	83.8	85.6	88.2	89.4	89.4	90.8	91.6	91.6	93.2	93.2	93.7	94.6
≥500	37.7	73.3	78.0	81.9	84.1	86.0	89.0	90.2	90.2	91.6	92.3	92.3	94.0	94.0	94.4	95.4
≥400	37.7	73.6	78.2	82.1	84.3	86.2	89.3	90.6	90.6	91.9	92.7	92.7	94.3	94.3	94.8	96.0
≥300	37.7	73.6	78.2	82.1	84.3	86.2	89.3	90.6	90.6	91.9	92.7	92.7	94.3	94.6	95.1	96.3
≥200	37.7	73.6	78.2	82.1	84.3	86.2	89.6	90.8	90.8	92.1	93.1	93.1	95.2	95.4	96.0	97.6
≥100	37.7	73.6	78.2	82.1	84.3	86.2	89.6	90.9	90.9	92.2	93.2	93.2	95.3	95.6	96.1	97.8
≥0	37.7	73.6	78.2	82.1	84.3	86.4	89.8	91.1	91.1	92.4	93.6	93.6	95.7	95.9	96.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 46-57 (YEAR) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥	≥1	≥1	≥1	≥1	≥	≥0.5	≥0.4	≥0
[illegible]	25.8	39.1	42.2	45.2	46.7	47.7	49.8	50.4	50.4	51.2	51.6	51.6	52.2	52.2	52.4	53.0
[illegible]	27.3	42.3	45.8	48.8	50.4	51.7	53.9	54.6	54.6	55.6	55.9	55.9	56.7	56.7	57.0	57.6
8XX	27.1	42.4	45.9	48.9	50.6	51.8	54.1	54.8	54.8	55.8	56.1	56.1	56.9	56.9	57.2	57.8
[illegible]	27.1	42.6	46.0	49.0	50.7	51.9	54.2	55.0	55.0	56.0	56.3	56.3	57.1	57.1	57.4	58.0
4XX	27.7	43.6	47.2	50.2	51.9	53.1	55.4	56.2	56.2	57.2	57.6	57.6	58.3	58.3	58.8	59.3
[illegible]	29.1	46.4	49.9	53.0	54.7	55.9	58.4	59.3	59.3	60.3	60.8	60.8	61.8	61.8	62.2	62.9
[illegible]	30.2	48.6	52.4	55.7	57.3	58.6	61.4	62.3	62.3	63.4	63.9	63.9	65.0	65.0	65.4	66.1
[illegible]	30.3	49.7	52.9	56.4	58.2	59.4	62.3	63.2	63.2	64.3	64.8	64.8	65.9	65.9	66.3	67.0
2XX	30.9	50.0	54.2	57.8	59.8	61.1	64.1	65.0	65.0	66.1	66.6	66.6	67.7	67.7	68.1	68.8
[illegible]	32.2	51.9	56.4	60.1	62.2	63.6	66.6	67.4	67.4	68.7	69.2	69.2	70.3	70.3	70.9	71.6
0XX	34.2	55.0	59.6	63.8	66.0	67.3	70.4	71.3	71.3	72.6	73.1	73.1	74.2	74.2	74.8	75.4
[illegible]	35.2	56.3	61.0	65.4	67.8	69.1	72.2	73.1	73.1	74.4	75.0	75.0	76.1	76.1	76.7	77.3
4XX	35.7	57.6	62.2	66.8	69.1	70.4	73.6	74.4	74.4	75.8	76.3	76.3	77.4	77.4	78.0	78.7
[illegible]	36.1	59.4	64.2	68.9	71.3	72.7	75.8	76.7	76.7	78.0	78.6	78.6	79.7	79.7	80.2	80.9
[illegible]	36.1	59.6	64.4	69.2	71.7	73.0	76.1	77.0	77.0	78.3	79.0	79.0	80.2	80.2	80.8	81.6
[illegible]	36.4	60.6	65.8	70.9	73.4	74.8	78.0	78.9	78.9	80.2	80.9	80.9	82.1	82.1	82.7	83.4
[illegible]	36.3	61.4	66.9	72.1	74.8	76.2	79.6	80.6	80.6	81.9	82.6	82.6	83.8	83.8	84.3	85.1
[illegible]	36.8	62.4	68.1	73.6	76.2	77.7	81.0	82.0	82.0	83.4	84.1	84.1	85.3	85.3	85.9	86.7
[illegible]	36.3	62.4	68.1	73.6	76.2	77.7	81.0	82.0	82.0	83.4	84.1	84.1	85.3	85.3	85.9	86.7
[illegible]	36.8	62.7	68.3	73.8	76.7	78.1	81.7	82.8	82.8	84.3	85.0	85.0	86.2	86.2	86.8	87.6
[illegible]	36.8	63.2	69.1	74.8	77.7	79.2	82.8	83.9	83.9	85.7	86.4	86.4	87.7	87.7	88.2	89.0
[illegible]	36.8	64.1	70.1	76.2	79.6	81.2	85.0	86.1	86.1	88.0	88.8	88.8	90.1	90.2	90.8	91.7
[illegible]	36.8	64.6	70.7	77.1	80.6	82.3	86.2	87.3	87.3	89.4	90.2	90.2	91.6	91.7	92.2	93.1
8XX	36.8	64.7	70.9	77.4	80.9	82.7	86.6	87.7	87.7	89.8	90.7	90.7	92.0	92.1	92.8	93.7
[illegible]	36.8	64.7	71.0	77.6	81.2	83.0	86.9	88.0	88.0	90.2	91.1	91.1	92.4	92.6	93.2	94.1
[illegible]	36.8	64.7	71.0	77.6	81.3	83.1	87.0	88.1	88.1	90.3	91.2	91.2	92.6	92.7	93.3	94.3
[illegible]	36.8	64.7	71.0	77.6	81.3	83.1	87.0	88.1	88.1	90.4	91.3	91.3	93.1	93.2	93.9	94.9
40C	36.8	64.7	71.0	77.7	81.6	83.3	87.2	88.3	88.3	90.7	91.8	91.8	93.7	93.8	94.6	95.6
[illegible]	36.8	64.7	71.0	77.7	81.7	83.4	87.3	88.4	88.4	90.8	92.0	92.0	94.3	94.4	95.6	96.6
[illegible]	36.8	64.7	71.0	77.7	81.7	83.4	87.4	88.6	88.6	91.1	92.3	92.4	95.2	95.3	96.7	98.0
[illegible]	36.8	64.7	71.0	77.8	81.8	83.6	87.6	88.7	88.7	91.2	92.6	92.7	95.4	95.6	97.0	98.8
[illegible]	36.8	64.7	71.0	77.8	81.8	83.8	87.8	88.9	88.9	91.4	92.8	92.9	95.7	95.8	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724 57 — STATION
PHILLIPS/ABERDEEN MD — STATION NAME
46-57 — YEARS
NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
≥ 20000	51.4	40.3	42.1	43.1	44.1	44.8	45.8	46.3	46.3	46.4	46.5	46.8	46.8	46.9	47.0
> 20000	35.3	47.3	49.6	50.8	51.8	52.6	53.6	54.3	54.3	54.4	54.8	54.8	54.8	54.9	55.0
≥ 8000	36.3	48.2	50.4	51.7	52.7	53.4	54.4	55.2	55.2	55.3	55.7	55.7	55.7	55.8	55.9
> 8000	36.3	48.3	50.6	51.8	52.8	53.6	54.7	55.4	55.4	55.6	55.9	55.9	55.9	56.0	56.1
≥ 4000	37.2	49.4	51.8	53.0	54.0	54.6	55.9	56.7	56.7	56.8	57.1	57.1	57.1	57.2	57.3
> 4000	39.0	51.8	54.1	55.4	56.7	57.7	59.0	59.8	59.8	59.9	60.2	60.2	60.3	60.3	60.4	60.6
≥ 2000	41.2	56.1	58.9	60.2	61.4	62.4	63.8	64.6	64.6	64.7	65.0	65.0	65.1	65.1	65.2	65.3
> 2000	41.4	56.8	59.7	61.0	62.2	63.2	64.6	65.3	65.3	65.4	65.8	65.8	65.9	65.9	66.0	66.1
≥ 1000	42.3	59.0	62.0	63.6	65.0	66.0	67.4	68.2	68.7	68.4	68.9	68.9	69.0	69.0	69.1	69.2
> 1000	43.6	60.9	64.0	65.7	67.1	68.1	69.6	70.3	70.4	70.7	71.2	71.2	71.3	71.3	71.6	71.7
≥ 500	44.4	62.3	65.4	67.1	68.7	69.7	71.1	71.9	72.0	72.2	72.8	72.8	72.9	72.9	73.1	73.2
> 500	44.8	63.3	66.8	68.6	70.1	71.1	72.6	73.3	73.4	73.7	74.2	74.2	74.3	74.3	74.6	74.7
≥ 400	45.3	64.2	67.7	69.4	71.0	72.0	73.4	74.2	74.3	74.6	75.1	75.1	75.2	75.2	75.4	75.6
> 400	46.7	66.3	70.1	71.9	73.6	74.8	76.3	77.1	77.2	77.4	78.0	78.0	78.1	78.1	78.3	78.4
≥ 300	47.1	67.2	71.1	72.9	74.6	75.8	77.4	78.3	78.4	78.8	79.3	79.3	79.7	79.7	79.9	80.0
> 300	47.8	69.6	73.7	75.7	77.4	78.7	80.3	81.2	81.3	81.7	82.3	82.3	82.7	82.7	82.9	83.0
≥ 200	48.4	71.0	75.4	77.6	79.4	80.7	82.4	83.4	83.6	83.9	84.6	84.6	84.9	84.9	85.1	85.2
> 200	48.9	72.2	76.7	78.9	80.8	82.1	84.1	85.1	85.2	85.6	86.2	86.2	86.6	86.6	86.8	86.9
≥ 100	48.9	72.2	76.7	78.9	80.8	82.1	84.1	85.1	85.2	85.6	86.2	86.2	86.6	86.6	86.8	86.9
> 100	49.2	73.1	77.9	80.0	81.9	83.3	85.3	86.6	86.8	87.1	87.8	87.8	88.2	88.2	88.4	88.6
≥ 50	49.3	74.3	79.1	81.9	83.9	85.3	87.3	88.6	88.8	89.1	89.8	89.8	90.2	90.2	90.4	90.6
> 50	49.3	75.1	80.3	83.3	85.6	87.0	89.1	90.4	90.7	91.0	91.7	91.7	92.1	92.1	92.3	92.4
≥ 30	49.3	75.2	80.6	83.7	85.9	87.3	89.6	90.9	91.1	91.4	92.1	92.1	92.6	92.6	92.9	92.9
> 30	49.3	75.4	80.8	83.9	86.1	87.6	89.9	91.3	91.6	92.0	92.7	92.7	93.1	93.1	93.3	93.4
≥ 20	49.3	75.8	81.1	84.2	87.0	88.7	91.0	92.6	92.8	93.2	93.9	93.9	94.3	94.3	94.7	94.8
> 20	49.3	76.0	81.3	84.7	87.4	89.3	91.8	93.3	93.6	94.1	94.8	94.8	95.2	95.3	95.7	95.8
≥ 10	49.3	76.0	81.6	84.9	87.8	89.7	92.1	93.7	93.9	94.6	95.3	95.3	95.9	96.0	96.3	96.4
> 10	49.3	76.0	81.6	84.9	88.0	89.9	92.4	94.1	94.3	95.0	96.1	96.1	96.8	96.9	97.4	97.6
≥ 0	49.3	76.0	81.6	84.9	88.0	89.9	92.6	94.2	94.4	95.3	96.4	96.4	97.4	97.7	98.6	98.7
> 0	49.3	76.0	81.6	84.9	88.0	89.9	92.6	94.2	94.4	95.3	96.8	96.8	97.9	98.1	99.1	99.6
≥ 0	49.3	76.0	81.6	84.9	88.0	89.9	92.6	94.2	94.4	95.3	96.8	96.8	97.9	98.1	99.1	99.9
> 0	49.3	76.0	81.6	84.9	88.0	89.9	92.6	94.2	94.4	95.3	96.8	96.8	97.9	98.1	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72409 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEAR) ALL (MONTHS)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-1400

CEILING (FEET)	VISIBILITY (STATUTE MILES) 210	26	25	24	23	22	21	2	2	2	1	1	1	1	1	1
25000	33.3	35.7	39.6	39.9	40.7	41.6	41.8	42.1	42.1	42.3	42.3	42.3	42.3	42.3	42.3	42.3
	39.2	46.1	47.1	47.4	48.2	49.1	49.3	49.7	49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9
18000	40.0	47.0	48.0	48.3	49.1	50.0	50.2	50.6	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8
6000	40.0	47.0	48.0	48.3	49.1	50.0	50.2	50.6	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8
4000	41.9	49.2	50.4	51.0	51.8	52.7	52.9	53.3	53.3	53.6	53.8	53.8	53.8	53.8	53.8	53.8
2000	44.1	52.8	54.1	54.7	55.6	56.4	56.7	57.1	57.1	57.6	57.6	57.6	57.6	57.6	57.6	57.6
15000	46.3	57.0	58.3	58.9	59.8	60.7	60.9	61.4	61.4	61.9	61.9	61.9	61.9	61.9	61.9	61.9
9000	46.9	58.3	59.6	60.3	61.2	62.1	62.3	62.9	62.9	63.3	63.3	63.3	63.3	63.3	63.3	63.3
8000	49.1	62.2	63.7	64.2	65.1	66.0	66.2	66.9	66.9	67.3	67.3	67.3	67.3	67.3	67.3	67.3
7000	49.8	63.3	64.5	65.4	66.4	67.3	67.6	68.2	68.2	69.0	69.0	69.0	69.0	69.0	69.0	69.0
6000	50.9	64.6	66.0	66.7	67.7	68.7	68.9	69.6	69.6	70.3	70.4	70.4	70.4	70.4	70.4	70.4
5000	51.7	65.6	67.1	67.7	68.7	69.8	70.0	70.7	70.7	71.4	71.7	71.7	71.7	71.7	71.7	71.7
4500	52.6	66.8	68.2	68.9	70.1	71.3	71.6	72.2	72.2	73.0	73.2	73.2	73.2	73.2	73.2	73.2
4000	55.4	69.9	71.3	72.1	73.2	74.6	74.8	75.4	75.4	76.3	76.6	76.6	76.6	76.6	76.6	76.6
3500	57.8	73.4	74.9	75.6	76.8	78.1	78.7	79.6	79.6	80.4	80.7	80.7	80.7	80.7	80.7	80.7
3000	59.3	76.0	77.6	78.4	79.7	81.0	81.7	82.6	82.6	83.4	83.7	83.7	83.7	83.7	83.7	83.7
2500	60.9	78.2	79.8	80.7	82.0	83.3	84.0	85.0	85.0	85.9	86.1	86.1	86.1	86.1	86.1	86.1
2000	61.7	80.1	81.7	83.0	84.4	85.9	86.6	87.6	87.6	88.4	88.7	88.7	88.7	88.7	88.7	88.7
1800	61.8	80.3	81.9	83.2	84.8	86.2	86.9	87.9	87.9	88.8	89.0	89.0	89.0	89.0	89.0	89.0
1500	62.1	81.2	82.9	84.3	86.0	87.4	88.1	89.1	89.1	90.0	90.2	90.2	90.2	90.2	90.2	90.2
1200	62.3	82.2	84.2	85.8	87.6	89.0	89.7	90.7	90.7	91.6	91.8	91.8	91.8	91.8	91.8	91.8
1000	62.4	83.4	85.9	87.7	89.8	91.2	91.9	92.9	92.9	93.9	94.3	94.3	94.3	94.3	94.3	94.3
900	62.4	83.6	86.0	88.2	90.7	92.1	92.8	93.9	93.9	95.0	95.4	95.4	95.4	95.4	95.4	95.4
800	62.4	83.7	86.1	88.6	90.9	92.3	93.0	94.2	94.3	95.4	95.9	95.9	95.9	95.9	95.9	95.9
700	62.4	83.8	86.2	88.8	91.3	92.8	93.4	94.8	94.9	96.0	96.4	96.4	96.4	96.4	96.4	96.6
600	62.4	83.8	86.3	88.9	91.4	92.9	93.6	94.9	95.2	96.8	97.2	97.2	97.3	97.3	97.3	97.4
500	62.4	83.8	86.3	88.9	91.7	93.1	94.0	95.3	95.7	97.3	97.9	98.0	98.2	98.2	98.2	98.3
400	62.4	83.8	86.3	88.9	91.6	93.3	94.2	95.6	95.9	97.6	98.6	98.7	99.1	99.1	99.1	99.2
300	62.4	83.8	86.3	88.9	91.8	93.3	94.2	95.6	96.0	97.7	98.7	98.8	99.2	99.2	99.2	99.3
200	62.4	83.8	86.3	88.9	91.8	93.3	94.2	95.6	96.0	97.7	98.7	98.9	99.3	99.3	99.3	99.7
100	62.4	83.8	86.3	88.9	91.8	93.3	94.2	95.6	96.0	97.7	98.7	98.9	99.3	99.3	99.7	100.0
	62.4	83.8	86.3	88.9	91.8	93.3	94.2	95.6	96.0	97.7	98.7	98.9	99.3	99.3	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

704787 PHILLIPS/ABERDEEN MD 46-57 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

15-2-1722

CEILING (FEET)	VISIBILITY (STATUTE MILES) 26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10
20000	44.2	44.3	45.0	45.8	46.3	46.7	46.4	46.4	46.4	46.7	46.9	46.8	46.8	46.8	46.8	46.8	46.8
15000	49.9	50.1	50.8	51.6	52.2	52.7	52.4	52.4	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
10000	50.1	50.3	51.0	51.8	52.4	52.6	52.7	52.7	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
9000	50.1	50.3	51.0	51.8	52.4	52.6	52.7	52.7	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
8000	51.6	51.8	52.8	53.6	54.2	54.3	54.7	54.7	54.9	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1
7000	55.6	55.8	56.8	57.6	58.2	58.3	58.7	58.7	58.9	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1
6000	61.2	61.4	62.4	63.3	63.0	63.1	63.4	63.4	63.7	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9
5000	61.1	61.4	62.7	63.6	64.2	64.3	64.7	64.7	64.9	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1
4000	63.6	64.1	65.4	66.4	67.1	67.2	67.6	67.6	67.8	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1
3500	65.1	65.7	67.2	68.6	69.3	69.4	69.8	69.8	70.0	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3
3000	66.4	67.0	68.6	69.9	70.7	70.8	71.1	71.1	71.3	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7
2500	69.7	70.2	71.8	73.1	73.9	74.0	74.3	74.3	74.6	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9
2000	71.3	71.9	73.6	74.9	75.7	75.9	76.2	76.2	76.6	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9
1800	73.3	74.1	75.8	77.2	78.0	78.3	78.7	78.7	79.0	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3
1500	75.6	76.4	78.3	79.8	80.6	81.3	81.7	81.7	82.0	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6
1000	79.3	80.0	82.3	83.8	84.6	85.3	85.7	85.7	86.0	86.6	86.6	86.7	86.7	86.7	86.8	86.8	86.8
900	80.6	81.9	83.9	85.4	86.2	87.1	87.4	87.4	87.9	88.4	88.4	88.6	88.6	88.6	88.7	88.7	88.7
800	81.6	83.2	85.7	87.4	88.3	89.2	89.7	89.7	90.1	90.7	90.7	90.9	90.9	91.0	91.0	91.0	91.0
700	82.0	83.7	86.1	87.9	88.8	89.7	90.1	90.1	90.6	91.1	91.1	91.3	91.3	91.4	91.4	91.4	91.4
600	82.4	84.2	86.6	88.7	89.7	90.7	91.1	91.1	91.6	92.1	92.1	92.3	92.3	92.6	92.6	92.6	92.6
500	83.4	85.3	88.0	89.9	90.9	91.9	92.3	92.4	92.9	93.4	93.4	93.7	93.7	93.9	93.9	93.9	93.9
400	83.9	86.1	88.8	90.8	91.9	93.0	93.4	93.6	94.2	94.9	94.9	95.1	95.1	95.3	95.3	95.3	95.3
300	83.9	86.3	89.0	91.0	92.1	93.2	93.7	93.9	94.4	95.1	95.1	95.6	95.6	95.8	95.8	95.8	95.8
200	83.9	86.4	89.3	91.3	92.6	93.7	94.1	94.2	95.0	95.7	95.7	96.1	96.1	96.3	96.3	96.3	96.3
150	84.0	86.7	89.6	91.6	92.9	94.2	94.7	94.9	95.7	96.3	96.3	96.8	96.8	97.0	97.0	97.0	97.0
100	84.0	86.7	89.6	91.6	93.0	94.3	94.9	95.3	96.3	97.0	97.0	97.4	97.4	97.7	97.7	97.7	97.7
90	84.0	86.7	89.6	91.6	93.0	94.4	95.1	95.6	96.8	97.4	97.4	98.0	98.0	98.2	98.2	98.2	98.2
80	84.0	86.7	89.6	91.8	93.2	94.9	95.6	96.0	97.2	98.1	98.1	98.9	98.9	99.1	99.1	99.1	99.1
70	84.0	86.7	89.6	91.8	93.2	94.9	95.6	96.3	97.6	98.4	98.4	99.2	99.2	99.4	99.4	99.4	99.4
60	84.0	86.7	89.6	91.8	93.2	94.9	95.6	96.3	97.6	98.4	98.4	99.2	99.2	99.7	100.0	100.0	100.0
50	84.0	86.7	89.6	91.8	93.2	94.9	95.6	96.3	97.6	98.4	98.4	99.2	99.2	99.7	100.0	100.0	100.0
40	84.0	86.7	89.6	91.8	93.2	94.9	95.6	96.3	97.6	98.4	98.4	99.2	99.2	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 970

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724257 PHILLIPS/ABERDEEN MD 46-57 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-2100

CEILING (FEET)	VISIBILITY (STATUTE MILES) 27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
	42.2	53.1	54.2	54.7	55.7	55.8	56.6	56.8	56.9	57.0	57.6	57.6	57.9	57.9	57.9	57.9
	44.1	55.3	56.5	57.2	58.2	58.4	59.2	59.5	59.5	59.7	60.2	60.2	60.5	60.6	60.6	60.6
	44.1	55.5	56.9	57.3	58.4	58.5	59.4	59.6	59.6	59.9	60.4	60.4	60.7	60.7	60.7	60.7
	44.1	55.7	57.1	57.6	58.6	58.7	59.6	59.8	59.8	60.0	60.6	60.6	60.9	60.9	60.9	60.9
	44.7	56.9	58.4	58.8	59.8	59.9	60.8	61.0	61.0	61.2	61.9	61.9	62.2	62.2	62.2	62.2
	45.5	58.9	60.5	60.9	61.9	62.0	62.9	63.1	63.1	63.4	64.1	64.1	64.5	64.5	64.5	64.5
	47.6	62.4	63.9	64.4	65.5	65.6	66.5	66.7	66.7	66.9	67.7	67.7	68.0	68.0	68.0	68.0
	48.2	63.3	64.8	65.3	66.5	66.6	67.5	67.7	67.7	67.9	68.7	68.7	69.0	69.0	69.0	69.0
	49.0	66.4	68.0	68.6	69.8	69.9	70.8	71.0	71.0	71.3	72.0	72.0	72.4	72.4	72.6	72.6
	49.6	67.1	68.9	69.5	70.7	70.8	71.7	71.9	71.9	72.2	72.9	72.9	73.3	73.3	73.5	73.5
	51.3	70.0	71.8	72.5	73.8	74.1	74.9	75.2	75.2	75.4	76.2	76.2	76.5	76.5	76.7	76.7
	52.6	72.4	74.4	75.1	76.4	76.6	77.6	77.8	77.8	78.1	78.8	78.8	79.2	79.2	79.4	79.4
	53.1	73.5	75.7	76.5	77.8	78.1	79.1	79.3	79.3	79.5	80.4	80.4	80.7	80.7	81.0	81.0
	53.7	76.2	78.4	79.3	80.8	81.1	82.1	82.3	82.3	82.5	83.6	83.6	84.0	84.0	84.2	84.2
	54.2	77.3	79.5	80.4	82.0	82.2	83.2	83.4	83.4	83.6	84.7	84.7	85.1	85.1	85.3	85.3
	55.2	79.4	81.3	82.4	84.1	84.3	85.5	85.7	85.7	86.0	87.1	87.1	87.4	87.4	87.6	87.6
	55.5	79.6	82.2	83.3	85.3	85.5	86.7	87.0	87.0	87.2	88.3	88.3	88.6	88.6	88.9	88.9
	55.5	80.4	83.2	84.7	86.9	87.4	88.6	88.9	88.9	89.1	90.2	90.2	90.5	90.5	90.8	90.8
	55.5	80.7	83.6	85.3	87.5	88.1	89.3	89.5	89.5	89.8	90.9	90.9	91.2	91.2	91.4	91.4
	55.6	81.1	84.2	86.4	88.9	89.6	91.1	91.4	91.4	91.6	92.8	92.8	93.1	93.1	93.7	93.7
	55.6	81.5	84.7	87.0	89.4	90.3	91.9	92.2	92.2	92.5	93.7	93.7	94.0	94.0	94.5	94.5
	55.6	81.5	84.7	87.0	89.4	90.4	92.0	92.3	92.3	92.7	93.9	93.9	94.2	94.2	94.6	94.6
	55.6	81.5	84.9	87.3	89.9	91.1	92.7	93.0	93.0	93.3	94.5	94.5	94.9	94.9	95.4	95.4
	55.6	81.5	85.0	87.4	90.2	91.4	93.2	93.7	93.7	94.0	95.2	95.2	95.5	95.[illegible]	96.1	96.2
	55.6	81.5	85.0	87.4	90.2	91.5	93.4	93.9	93.9	94.2	95.5	95.5	95.9	96.[illegible]	[illegible]	[illegible]
	55.6	81.5	85.0	87.4	90.2	91.5	93.5	94.0	94.2	94.7	96.0	96.0	96.5	96.7	[illegible]	[illegible]
	55.6	81.5	85.0	87.4	90.2	91.5	93.8	94.2	94.4	94.9	96.2	96.2	96.8	96.9	97.6	[illegible]
	55.6	81.5	85.1	87.5	90.3	91.6	94.2	94.7	94.9	95.3	96.8	96.8	97.6	97.7	98.3	[illegible]
	55.6	81.5	85.1	87.5	90.3	91.6	94.2	95.1	95.3	95.8	97.2	97.2	98.0	98.1	98.8	[illegible]
	55.6	81.5	85.1	87.5	90.3	91.6	94.2	95.2	95.4	95.9	97.3	97.3	98.4	98.6	99.4	99.5
	55.6	81.5	85.1	87.5	90.3	91.6	94.2	95.2	95.4	95.9	97.3	97.3	98.4	98.6	99.4	99.9
	55.6	81.5	85.1	87.5	90.3	91.6	94.2	95.2	95.4	95.9	97.3	97.3	98.4	98.6	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 878

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

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4 57 (MONTH) PHILLIPS/ABERDEEN MD (STATION NAME) 44-57 (YEAR)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS

(VISIBILITY STATUTE MILES)

CEILING (FEET)	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
37.2	53.3	55.4	56.6	57.2	57.6	58.8	59.1	59.1	59.1	59.8	59.8	60.1	60.1	60.7	[illegible]
39.6	55.4	57.5	58.8	59.3	59.8	60.9	61.2	61.2	61.2	61.9	61.9	62.2	62.2	62.4	62.[illegible]
39.7	55.5	57.6	58.9	59.4	59.9	61.0	61.3	61.3	61.3	62.0	62.0	62.3	62.3	62.5	63.1
39.8	55.6	57.7	59.0	59.5	60.0	61.1	61.4	61.4	61.4	62.1	62.1	62.4	62.4	62.7	63.2
36.9	56.1	59.2	59.4	60.0	60.4	61.5	61.9	61.9	62.[illegible]	62.8	62.8	63.1	63.1	63.3	63.[illegible]
39.9	57.9	61.0	61.3	61.9	62.3	63.4	63.8	63.9	63.9	64.7	64.7	65.0	65.[illegible]	65.2	[illegible]
41.2	6[illegible].1	62.4	63.9	64.4	64.9	66.0	66.3	66.7	66.4	67.2	67.2	67.6	67.6	67.9	68.7
42.1	61.2	63.5	65.0	65.6	66.0	67.1	67.4	67.4	67.6	68.3	69.3	69.7	69.7	69.9	[illegible]
43.1	63.5	66.1	67.6	68.1	68.6	69.7	70.0	70.0	70.1	70.9	70.9	71.2	71.2	71.5	[illegible]
44.3	66.7	69.0	70.5	71.1	71.6	72.7	73.0	73.0	73.1	73.9	73.9	74.2	74.2	74.5	75.[illegible]
45.7	69.1	71.7	73.1	73.8	74.2	75.4	75.7	75.7	76.[illegible]	76.8	76.8	77.1	77.1	77.4	77.9
45.[illegible]	7[illegible].7	73.2	74.7	7[illegible].4	75.8	76.9	77.3	77.3	77.6	78.4	78.4	78.7	78.7	79.9	79.[illegible]
46.4	72.4	75.[illegible]	76.5	77.1	77.7	78.8	79.2	79.2	79.5	80.3	80.3	80.6	80.6	80.9	81.4
46.[illegible]	73.6	76.9	78.5	79.2	79.7	80.8	81.2	81.2	81.5	82.4	82.4	82.9	82.9	83.2	83.7
46.9	74.5	77.7	79.3	80.0	80.6	81.7	82.1	82.1	82.4	83.3	83.3	83.8	83.8	84.1	84.6
47.4	76.[illegible]	79.5	81.2	82.8	82.9	84.1	84.4	84.4	84.7	85.6	85.6	86.3	86.3	86.5	87.1
47.7	76.7	80.3	82.1	83.4	84.4	85.5	85.8	85.8	86.2	87.1	87.1	87.7	87.7	88.0	88.5
48.[illegible]	78.3	81.8	83.7	85.1	86.1	87.2	87.5	87.5	87.8	88.7	88.7	89.4	89.4	89.6	90.2
48.[illegible]	78.3	81.8	83.6	85.3	86.3	87.4	87.7	87.7	88.1	89.0	89.0	89.6	89.6	89.9	90.4
48.3	79.5	83.2	85.3	86.8	87.8	89.0	89.3	89.3	89.6	90.5	90.5	91.2	91.2	91.4	92.0
48.[illegible]	79.7	83.6	85.8	87.4	88.4	89.7	90.1	90.1	90.6	91.5	91.5	92.2	92.2	92.4	93.[illegible]
48.2	79.8	84.2	86.6	88.3	89.6	91.1	91.4	91.4	92.2	93.1	93.1	93.9	93.9	94.2	94.8
48.2	79.8	84.2	86.6	88.4	89.7	91.4	91.8	91.8	92.5	93.4	93.4	94.2	94.2	94.5	95.1
48.2	79.8	84.2	86.6	88.5	89.9	91.5	92.0	92.[illegible]	92.8	93.6	93.6	94.4	94.4	94.8	95.3
48.2	79.8	84.4	86.8	88.7	90.3	92.1	92.5	92.5	93.3	94.2	94.2	95.0	95.0	95.3	95.9
48.2	79.8	84.5	87.0	88.9	90.4	92.6	93.1	93.1	93.9	94.9	94.9	96.1	96.1	96.4	97.[illegible]
48.2	79.8	84.6	87.1	89.1	90.7	93.3	93.8	93.8	94.5	95.5	95.5	96.8	96.8	97.1	97.7
48.2	79.8	84.6	87.1	89.1	90.9	93.4	93.[illegible]	93.9	94.6	95.7	95.7	96.9	96.9	97.2	97.8
48.2	79.8	84.6	87.1	89.1	90.9	93.4	93.9	93.9	94.9	95.9	95.9	97.1	97.1	97.5	98.1
48.2	79.8	84.6	87.1	89.1	90.9	93.4	93.9	93.9	94.9	95.9	95.9	97.4	97.4	97.9	98.9
48.2	79.8	84.6	87.1	89.1	90.9	93.5	94.0	94.0	95.1	96.1	96.1	97.8	97.8	98.3	99.6
48.2	79.8	84.6	87.1	89.1	90.9	93.5	94.0	94.0	95.1	96.1	96.1	97.8	97.8	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 997

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

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7241 57 — PHILLIPS/ABERDEEN MD — 40-57 — NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

VISIBILITY STATUTE MILES

CEILING FEET	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0	≥⅛	0
	33.8	46.1	47.7	48.9	49.8	50.4	51.3	51.8	51.9	52.2	52.5	52.5	52.9	52.9	53.0	53.3
	36.4	49.8	51.6	52.6	53.7	54.4	55.3	55.9	55.9	56.3	56.6	56.6	57.0	57.0	57.2	57.5
	36.6	50.1	51.9	53.1	54.0	54.7	55.6	56.2	56.2	56.6	56.9	56.9	57.3	57.3	57.5	57.8
	36.6	50.2	51.9	53.2	54.1	54.8	55.7	56.3	56.3	56.7	57.0	57.0	57.4	57.4	57.6	57.9
	37.3	51.3	53.1	54.5	55.4	56.1	57.0	57.6	57.7	58.1	58.5	58.5	58.9	58.9	59.[illegible]	59.3
	38.8	53.6	55.7	57.1	58.0	58.7	59.7	60.4	60.4	60.8	61.2	61.2	61.7	61.7	61.9	62.2
	40.4	57.0	59.0	60.4	61.4	62.1	63.1	63.8	63.8	64.3	64.7	64.7	65.1	65.[illegible]	65.3	65.6
	40.8	57.7	59.[illegible]	61.3	62.3	63.0	64.1	64.7	64.7	65.2	65.6	65.6	66.1	66.1	66.3	66.6
	42.1	60.4	62.6	64.2	65.3	66.0	67.1	67.6	67.8	68.3	68.9	68.8	69.2	69.3	69.4	69.8
	43.0	62.3	64.5	66.2	67.4	68.2	69.2	69.9	70.0	70.5	71.0	71.0	71.5	71.5	71.7	72.1
	44.3	64.5	66.8	68.6	69.8	70.6	71.7	72.4	72.5	73.1	73.6	73.6	74.1	74.1	74.3	74.6
	45.2	66.1	68.5	70.3	71.6	72.4	73.6	74.3	74.3	74.9	75.4	75.4	75.9	75.9	76.2	76.5
	46.0	67.4	69.9	71.8	73.1	73.9	75.1	75.8	75.8	76.5	77.0	77.0	77.5	77.5	77.7	78.0
	47.1	69.5	72.1	74.0	75.4	76.3	77.6	78.2	78.3	79.0	79.5	79.5	80.1	80.1	80.3	80.6
	47.8	70.8	73.6	75.6	77.0	77.9	79.3	80.0	80.0	80.7	81.3	81.3	81.9	81.9	82.1	82.5
	48.8	72.8	75.9	78.1	79.6	80.5	81.9	82.7	82.7	83.4	84.0	84.0	84.6	84.6	84.9	85.2
	49.3	73.9	77.2	79.4	81.1	82.1	83.6	84.3	84.4	85.1	85.7	85.7	86.3	86.3	86.5	86.9
	49.6	75.1	78.5	80.9	82.7	83.8	85.3	86.1	86.1	86.9	87.5	87.5	88.1	88.1	88.3	88.7
	49.7	75.3	78.7	81.3	83.0	84.1	85.7	86.4	86.5	87.2	87.8	87.8	88.5	88.5	88.7	89.0
	49.7	76.0	79.5	82.2	84.2	85.4	87.[illegible]	87.6	87.9	88.6	89.2	89.2	89.9	89.9	90.2	90.5
	49.8	76.7	80.3	83.3	85.3	86.4	88.2	89.0	89.1	89.9	90.5	90.5	91.2	91.2	91.5	91.8
	49.8	77.1	81.1	84.3	86.5	87.6	89.6	90.5	90.5	91.5	92.1	92.1	92.9	92.9	93.2	93.6
	49.8	77.2	81.3	84.7	87.0	88.4	90.2	91.1	91.2	92.1	92.8	92.8	93.6	93.6	93.9	94.3
	49.8	77.3	81.5	84.9	87.2	88.6	90.6	91.5	91.6	92.6	93.3	93.3	94.1	94.1	94.4	94.8
	49.8	77.4	81.6	85.1	87.6	89.1	91.1	92.0	92.1	93.1	93.9	93.9	94.7	94.7	95.1	95.5
	49.8	77.5	81.7	85.3	87.8	89.4	91.6	92.6	92.7	93.9	94.7	94.7	95.6	95.6	96.0	96.4
	49.8	77.5	81.8	85.4	88.0	89.6	91.9	92.9	93.1	94.3	95.1	95.1	96.2	96.2	96.6	97.0
	49.8	77.5	81.8	85.4	88.1	89.8	92.2	93.2	93.4	94.6	95.6	95.6	96.7	96.8	97.2	97.6
	49.8	77.5	81.8	85.4	88.1	89.8	92.3	93.4	93.6	94.8	95.9	95.9	97.1	97.2	97.7	98.2
	49.8	77.5	81.8	85.4	88.1	89.8	92.3	93.4	93.7	94.9	96.0	96.1	97.6	97.7	98.3	99.2
	49.8	77.5	81.8	85.4	88.1	89.8	92.4	93.5	93.7	95.0	96.1	96.2	97.7	97.8	98.4	99.3
	49.8	77.5	81.8	85.4	88.1	89.9	92.4	93.5	93.8	95.1	96.2	96.2	97.7	97.8	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 7195

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724 57 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 47-55 (YEAR) DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-0200

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥2	≥1½	≥1	≥1	≥1	≥5/8	≥½	≥0
[illegible]	35.2	47.1	50.4	51.7	52.2	52.3	52.9	53.0	53.0	53.2	53.5	53.5	53.9	54.1	54.2	54.3
[illegible]	35.5	54.0	55.5	56.7	57.6	57.7	58.3	58.4	58.4	58.6	58.9	58.9	59.3	59.5	59.6	59.7
8000	35.6	54.3	55.9	57.1	57.9	58.1	58.6	58.7	58.7	58.9	59.3	59.3	59.6	59.8	59.9	60.0
6000	35.6	54.3	55.9	57.1	57.9	58.1	58.6	58.7	58.7	58.9	59.3	59.3	59.6	59.8	59.9	60.0
4000	39.[illegible]	55.2	56.7	57.9	58.8	58.9	59.5	59.6	59.6	59.8	60.2	60.2	60.5	60.7	60.9	60.9
[illegible]	39.7	57.2	58.8	60.0	61.1	61.3	61.8	61.9	61.9	62.1	62.5	62.5	62.8	63.0	63.1	63.2
[illegible]	41.2	60.2	61.8	63.1	64.2	64.3	65.0	65.1	65.1	65.3	65.7	65.7	66.2	66.4	66.7	66.8
2000	41.3	60.4	62.0	63.4	64.5	64.6	65.2	65.3	65.3	65.6	65.9	65.9	66.4	66.7	66.9	67.0
1500	42.3	62.[illegible]	63.9	65.2	66.3	66.8	67.4	67.5	67.5	67.8	68.1	68.1	68.7	68.9	69.1	69.2
1000	42.6	63.0	65.0	66.3	67.4	67.9	68.5	68.7	68.7	68.9	69.2	69.2	69.8	70.0	70.2	70.3
800	44.[illegible]	66.1	68.1	69.6	70.8	71.3	72.0	72.1	72.1	72.3	72.6	72.6	73.2	73.4	73.6	73.7
600	44.5	67.8	69.9	71.6	72.7	73.3	74.0	74.1	74.1	74.3	74.6	74.6	75.2	75.4	75.6	75.7
400	44.[illegible]	68.4	70.6	72.7	73.8	74.4	75.1	75.2	75.2	75.4	75.7	75.7	76.3	76.5	76.7	76.8
300	45.6	70.2	72.6	75.2	76.3	76.8	77.9	78.0	78.0	78.4	78.7	78.7	79.4	79.7	79.9	80.0
200	46.1	71.6	74.4	77.3	78.4	78.9	80.0	80.1	80.1	80.5	80.8	80.8	81.6	81.9	82.1	82.2
150	46.9	73.0	75.6	79.0	80.1	80.7	81.8	81.9	81.9	82.2	82.6	82.6	83.3	83.7	83.9	84.0
100	47.4	74.7	77.7	80.9	82.0	82.6	83.8	83.9	83.9	84.2	84.5	84.5	85.3	85.7	85.9	86.0
80	47.7	75.6	78.6	81.8	82.9	83.4	84.8	84.9	84.9	85.2	85.5	85.5	86.3	86.6	86.9	87.0
60	47.7	75.6	78.6	81.9	83.1	83.7	85.0	85.1	85.1	85.4	85.8	85.8	86.5	86.9	87.1	87.2
40	47.8	76.4	79.6	83.3	84.8	85.3	86.9	87.0	87.0	87.3	87.6	87.6	88.4	88.7	89.0	89.1
30	47.8	76.5	79.9	84.1	85.5	86.1	87.6	87.7	87.7	88.3	88.6	88.6	89.5	89.8	90.1	90.2
20	47.8	76.6	80.2	84.5	86.4	87.3	88.9	89.1	89.1	89.7	90.1	90.1	90.9	91.3	91.5	91.6
15	47.8	76.6	80.2	84.7	86.5	87.4	89.1	89.3	89.3	90.1	90.4	90.4	91.3	91.6	91.8	91.9
10	47.8	76.6	80.5	85.0	87.0	87.9	89.6	90.0	90.0	90.7	91.1	91.1	91.9	92.3	92.5	92.6
7	47.8	76.8	80.5	85.1	87.1	88.1	90.0	90.4	90.4	91.2	91.5	91.5	92.5	92.8	93.0	93.2
5	47.8	76.8	80.5	85.3	87.3	88.3	90.5	90.9	90.9	91.9	92.3	92.3	93.4	93.7	93.9	94.0
4	47.8	76.8	80.5	85.3	87.3	88.3	90.7	91.2	91.2	92.2	92.5	92.5	93.7	94.0	94.3	94.4
3	47.8	77.2	81.0	85.9	88.0	89.2	91.6	92.2	92.2	93.2	93.5	93.5	94.7	95.0	95.5	95.6
2	47.8	77.2	81.0	85.9	88.0	89.2	91.7	92.3	92.3	93.3	93.6	93.6	94.8	95.1	95.8	96.0
1	47.8	77.2	81.0	85.9	88.0	89.2	91.8	92.4	92.4	93.5	93.8	93.8	95.1	95.5	96.1	96.4
0	47.8	77.2	81.0	85.9	88.0	89.2	91.8	92.4	92.4	93.8	94.3	94.3	96.0	96.4	97.2	97.9
	47.8	77.2	81.0	85.9	88.0	89.2	91.8	92.4	92.4	94.2	94.7	94.7	96.5	96.8	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 906

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

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7242-7 PHILLIPS/ABERDEEN MD 47-56 DEC

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~3HR-0300~~

CEILING FEET	VISIBILITY STATUTE MILES ≥10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10
CEILING UNLIMITED	32.7	46.5	47.8	49.7	50.6	50.6	51.4	51.7	51.7	51.8	51.8	51.8	52.5	52.6	52.8	52.9		
20000	35.4	50.9	52.2	54.2	55.3	55.3	56.2	56.4	56.4	56.5	56.5	56.5	57.3	57.4	57.5	57.6		
15000	35.4	50.9	52.2	54.2	55.3	55.3	56.2	56.4	56.4	56.5	56.5	56.5	57.3	57.4	57.5	57.6		
10000	35.4	51.0	52.3	54.3	55.4	55.4	56.3	56.5	56.5	56.6	56.6	56.6	57.4	57.5	57.6	57.7		
8000	35.5	51.7	53.0	55.0	56.1	56.1	57.0	57.2	57.2	57.3	57.3	57.3	58.1	58.2	58.3	58.4		
7000	36.2	54.0	55.4	57.4	58.6	58.6	59.6	59.8	59.8	59.9	59.9	59.9	60.7	60.8	60.9	61.0		
6000	37.9	57.0	58.6	60.9	62.4	62.4	63.6	63.8	63.8	64.2	64.2	64.2	65.0	65.1	65.2	65.3		
5000	38.0	57.3	59.1	61.7	63.2	63.2	64.5	64.7	64.7	65.1	65.1	65.1	65.9	66.0	66.1	66.2		
4500	38.5	59.2	61.0	63.7	65.6	65.6	66.8	67.0	67.0	67.7	67.7	67.7	68.4	68.5	68.7	68.8		
4000	38.9	59.8	61.7	64.6	66.4	66.4	67.7	67.9	67.9	68.5	68.5	68.5	69.3	69.4	69.5	69.6		
3500	40.5	61.7	63.7	66.8	69.2	69.2	70.4	70.6	70.6	71.3	71.3	71.3	72.1	72.2	72.3	72.4		
3000	41.4	63.8	65.8	69.3	71.7	71.7	73.0	73.2	73.2	73.8	73.8	73.8	74.6	74.7	74.8	74.9		
2500	41.9	64.6	66.6	70.2	72.8	72.8	74.2	74.4	74.4	75.1	75.1	75.1	75.8	75.9	76.0	76.2		
2000	42.7	66.4	68.8	72.6	75.3	75.3	76.9	77.2	77.3	77.9	77.9	77.9	78.9	79.0	79.1	79.2		
1500	43.7	67.8	70.1	74.0	76.6	76.8	78.5	78.7	78.8	79.5	79.5	79.5	80.5	80.6	80.7	80.8		
1000	44.4	69.9	72.3	76.7	79.4	79.6	81.3	81.6	81.7	82.3	82.3	82.3	83.3	83.4	83.6	83.7		
900	44.8	71.0	73.4	78.3	81.9	81.1	82.9	83.1	83.2	83.9	83.9	83.9	84.9	85.0	85.1	85.2		
800	44.8	71.5	74.1	78.9	81.6	81.8	83.8	84.0	84.1	84.8	84.8	84.8	85.8	85.9	86.0	86.1		
700	44.9	71.5	74.1	78.9	81.6	81.8	83.9	84.1	84.2	84.9	84.9	84.9	85.9	86.0	86.1	86.2		
600	44.9	72.1	74.6	80.0	82.8	83.0	85.1	85.4	85.5	86.3	86.3	86.3	87.3	87.4	87.5	87.6		
500	44.9	72.4	74.9	80.4	83.1	83.3	85.5	85.9	86.0	86.9	86.9	86.9	87.9	88.0	88.1	88.2		
400	44.9	72.7	75.5	81.1	84.3	84.5	87.1	87.4	87.5	88.9	89.0	89.0	90.0	90.1	90.2	90.3		
300	44.9	72.7	75.6	81.2	84.7	84.9	87.4	88.1	88.2	89.5	89.6	89.6	90.6	90.7	90.8	90.9		
200	44.9	73.3	76.3	81.9	85.4	85.8	88.6	89.3	89.4	90.7	90.8	90.8	91.8	91.9	92.2	92.3		
150	44.9	73.4	76.4	82.3	85.9	86.3	89.3	90.0	90.1	91.5	91.6	91.6	92.6	92.7	92.9	93.2		
100	44.9	73.5	76.7	82.9	86.6	87.3	90.8	91.5	91.6	93.2	93.3	93.3	94.3	94.4	94.6	94.8		
50	44.9	73.5	76.7	82.9	86.9	87.5	91.6	92.3	92.4	94.0	94.2	94.2	95.3	95.4	95.6	95.8		
40	44.9	73.8	77.0	83.2	87.2	88.2	92.3	92.9	93.0	94.7	94.8	94.8	95.9	96.0	96.2	96.5		
30	44.9	73.8	77.0	83.2	87.2	88.2	92.3	92.9	93.2	94.9	95.0	95.0	96.1	96.2	96.5	96.7		
20	44.9	73.8	77.1	83.2	87.2	88.2	92.3	93.2	93.4	95.1	95.3	95.3	96.4	96.5	96.7	96.9		
10	44.9	73.8	77.0	83.2	87.2	88.2	92.3	93.2	93.4	95.1	95.4	95.4	96.6	96.7	96.9	97.6		
0	44.9	73.8	77.0	83.2	87.2	88.2	92.3	93.2	93.4	95.3	95.6	95.6	96.9	97.0	97.2	100.0		

TOTAL NUMBER OF OBSERVATIONS 906

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 47-56 (YEAR) ~~265~~ (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~0600-2800~~ (GMT)

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1¼	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
NO CEILING	24.4	35.7	36.5	38.9	39.6	40.0	42.1	42.6	42.6	43.2	43.5	43.5	43.7	43.9	44.0	44.7
≥20000	26.5	38.5	39.6	42.4	43.2	43.6	45.9	46.5	46.5	47.0	47.4	47.4	47.7	47.9	48.0	48.7
≥18000	26.5	39.0	40.1	42.9	43.7	44.3	46.6	47.1	47.1	47.7	48.0	48.0	48.3	48.6	48.7	49.3
≥16000	26.6	39.2	40.3	43.3	44.0	44.6	46.9	47.5	47.5	48.0	48.3	48.3	48.7	48.9	49.0	49.7
≥14000	27.3	41.3	42.4	45.5	46.4	46.9	49.2	49.8	49.8	50.3	50.7	50.7	51.0	51.2	51.3	52.0
≥12000	28.7	44.7	46.5	49.6	50.4	51.0	53.6	54.2	54.2	54.9	55.2	55.2	55.6	55.8	56.0	56.6
≥10000	30.7	49.4	51.2	54.5	55.5	56.1	58.8	59.7	59.7	60.7	61.0	61.0	61.7	61.9	62.[illegible]	62.7
≥9000	31.8	50.0	52.2	55.8	56.8	57.5	60.3	61.3	61.3	62.3	62.6	62.6	63.2	63.5	63.6	64.2
≥8000	32.1	52.9	55.5	59.5	60.7	61.6	64.3	65.3	65.3	66.3	66.9	66.9	67.5	67.8	67.9	68.5
≥7000	32.8	54.1	56.7	60.7	62.1	63.0	66.0	67.0	67.0	68.0	68.5	68.5	69.2	69.4	69.5	70.2
≥6000	33.3	55.0	57.7	61.8	63.4	64.3	67.4	68.4	68.4	69.4	70.0	70.0	70.6	70.9	71.0	71.6
≥5000	34.3	56.1	58.9	63.5	65.0	66.0	69.1	70.1	70.1	71.2	71.7	71.7	72.5	72.7	72.8	73.5
≥4500	35.1	57.8	60.6	65.5	67.0	68.0	71.2	72.2	72.2	73.3	73.8	73.8	74.6	74.8	74.9	75.6
≥4000	36.0	59.9	62.7	67.8	69.6	70.6	73.8	75.1	75.1	76.2	76.7	76.7	77.5	77.7	77.8	78.5
≥3500	36.2	60.7	63.6	69.0	71.1	72.1	75.4	76.6	76.6	77.8	78.5	78.5	79.2	79.5	79.6	80.2
≥3000	36.5	61.6	64.5	70.1	72.3	73.3	76.9	78.1	78.1	79.4	80.0	80.0	80.8	81.0	81.1	81.8
≥2500	37.3	63.4	66.4	72.1	74.3	75.5	79.1	80.4	80.4	81.6	82.3	82.3	83.1	83.3	83.4	84.1
≥2000	37.6	64.1	67.3	73.1	75.3	76.5	80.1	81.3	81.3	82.6	83.3	83.3	84.1	84.3	84.4	85.1
≥1800	37.6	64.2	67.4	73.2	75.5	76.7	80.4	81.6	81.6	82.8	83.6	83.6	84.3	84.5	84.7	85.3
≥1500	37.6	64.6	67.8	73.7	76.2	77.5	81.1	82.7	82.7	84.0	85.0	85.0	85.8	86.0	86.1	86.8
≥1200	37.6	64.8	68.0	74.0	76.5	77.8	81.5	83.0	83.0	84.3	85.3	85.3	86.2	86.4	86.5	87.2
≥1000	37.6	64.9	68.5	74.6	77.3	78.6	82.6	84.1	84.1	85.5	86.5	86.5	87.5	87.7	88.0	88.6
≥900	37.6	65.2	69.1	75.2	78.0	79.5	83.4	85.1	85.1	86.5	87.5	87.5	88.5	88.7	89.0	89.6
≥800	37.6	65.3	69.2	75.4	78.4	80.2	84.4	86.1	86.1	87.5	88.5	88.6	89.7	90.0	90.3	90.9
≥700	37.6	65.5	69.3	75.5	78.8	80.8	85.1	86.8	86.8	88.4	89.4	89.5	90.7	90.9	91.3	92.1
≥600	37.6	65.7	69.6	76.0	79.7	81.7	86.1	87.7	87.9	89.5	90.5	90.6	91.9	92.2	92.5	93.3
≥500	37.6	65.7	69.6	76.0	80.1	82.2	87.0	88.6	88.7	90.6	91.6	91.7	93.0	93.3	93.6	94.5
≥400	37.6	65.8	70.0	76.4	80.5	82.6	87.3	89.0	89.1	90.9	92.1	92.2	93.5	93.7	94.3	95.1
≥300	37.6	65.8	70.0	76.4	80.6	82.8	87.6	89.4	89.5	91.6	92.8	92.9	94.4	94.6	95.1	96.0
≥200	37.6	65.8	70.0	76.4	80.6	82.8	87.7	89.5	89.6	91.7	93.0	93.2	94.9	95.4	95.9	97.4
≥100	37.6	65.8	70.0	76.4	80.6	82.8	87.7	89.5	89.6	91.7	93.0	93.2	95.1	95.6	96.2	98.2
≥0	37.6	65.8	70.0	76.4	80.6	82.8	87.7	89.5	89.6	91.7	93.0	93.2	95.3	95.8	96.5	100.0

TOTAL NUMBER OF OBSERVATIONS 906

USAF ETAC 1 DEC 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724057 (STATION) PHILLIPS/ABERDEEN MT (STATION NAME) 47-56 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	0
NO CEILING	27.6	34.8	36.2	37.7	38.5	38.9	40.0	40.1	40.1	40.1	40.1	40.1	40.3	40.3	40.3	40.6
≥20000	31.5	41.4	43.3	45.4	46.4	46.8	48.1	48.3	48.3	48.5	48.5	48.5	48.7	48.7	48.7	49.0
≥18000	31.6	42.2	44.0	46.1	47.1	47.6	48.9	49.1	49.1	49.2	49.2	49.2	49.4	49.4	49.4	49.8
≥16000	31.7	42.6	44.6	46.7	47.7	48.1	49.4	49.7	49.7	49.8	49.8	49.8	50.0	50.0	50.0	50.3
≥14000	32.2	44.2	46.2	48.5	49.4	49.9	51.3	51.5	51.5	51.7	51.7	51.7	51.9	51.9	51.9	52.2
≥12000	32.3	46.7	49.0	51.4	52.5	53.0	54.6	54.9	54.9	55.0	55.0	55.0	55.2	55.2	55.2	55.5
≥10000	35.3	51.0	54.0	56.5	57.7	58.3	60.2	60.5	60.5	60.6	60.6	60.6	61.0	61.0	61.0	61.4
≥9000	36.2	52.2	55.4	58.1	59.3	59.8	61.7	62.0	62.0	62.1	62.1	62.1	62.6	62.6	62.6	62.9
≥8000	37.4	54.6	58.3	61.6	62.8	63.4	65.3	65.8	65.8	66.4	66.4	66.4	66.9	66.9	66.9	67.2
≥7000	38.1	55.5	59.5	62.9	64.2	64.8	67.0	67.4	67.4	68.1	68.1	68.1	68.5	68.5	68.5	68.9
≥6000	38.9	57.2	61.1	64.8	66.2	66.8	69.1	69.5	69.5	70.2	70.2	70.2	70.6	70.6	70.6	71.0
≥5000	39.5	58.1	62.3	66.2	67.8	68.3	70.9	71.4	71.4	72.1	72.1	72.1	72.5	72.5	72.5	72.8
≥4500	40.4	59.4	63.6	67.7	69.4	70.1	72.6	73.2	73.2	74.0	74.0	74.0	74.4	74.4	74.4	74.7
≥4000	41.3	60.9	65.2	69.4	71.4	72.1	74.6	75.2	75.2	75.9	75.9	75.9	76.4	76.4	76.4	76.7
≥3500	42.6	62.8	67.2	71.6	74.0	74.6	77.2	77.7	77.7	78.5	78.5	78.5	78.9	78.9	78.9	79.2
≥3000	43.7	64.7	69.2	73.7	76.0	76.7	79.6	80.1	80.1	80.9	80.9	80.9	81.3	81.3	81.3	81.7
≥2500	44.0	65.2	69.8	74.5	76.8	77.5	80.4	80.9	80.9	81.8	81.8	81.8	82.2	82.2	82.2	82.6
≥2000	44.3	66.0	70.6	75.6	77.9	78.6	81.5	82.1	82.1	83.0	83.0	83.0	83.4	83.4	83.4	83.8
≥1800	44.3	66.1	70.8	75.7	78.0	78.8	81.8	82.6	82.6	83.4	83.4	83.4	83.9	83.9	83.9	84.2
≥1500	44.6	67.0	71.6	76.6	79.0	80.0	83.2	84.3	84.4	85.4	85.4	85.4	85.9	85.9	85.9	86.2
≥1200	44.6	67.9	72.5	77.6	80.2	81.3	84.7	85.8	86.0	87.0	87.2	87.2	87.9	87.9	88.0	86.3
≥1000	44.7	68.1	72.7	78.0	80.8	82.0	85.3	86.8	87.0	88.0	88.2	88.2	88.9	88.9	89.0	89.3
≥900	44.7	68.1	72.7	78.3	81.0	82.5	85.8	87.3	87.5	88.5	88.7	88.7	89.4	89.4	89.5	89.8
≥800	44.7	68.1	72.7	78.4	81.5	83.2	86.5	88.1	88.3	89.3	89.5	89.5	90.2	90.2	90.3	90.6
≥700	44.8	68.3	73.0	78.6	81.9	83.9	87.2	88.9	89.1	90.1	90.3	90.3	90.9	90.9	91.1	91.4
≥600	44.9	68.5	73.3	79.1	82.7	84.9	88.5	90.2	90.4	91.6	91.8	91.8	92.8	92.8	92.9	93.3
≥500	44.9	68.5	73.3	79.1	83.1	85.5	89.5	91.3	91.6	93.0	93.3	93.3	94.3	94.3	94.4	94.7
≥400	44.9	68.7	73.4	79.2	83.4	85.9	89.8	91.9	92.3	93.8	94.0	94.0	95.1	95.1	95.3	95.6
≥300	44.9	68.7	73.4	79.2	83.7	86.1	90.2	92.4	92.7	94.4	94.9	94.9	96.2	96.2	96.5	97.2
≥200	44.9	68.7	73.4	79.2	83.8	86.2	90.3	92.5	92.8	94.6	95.3	95.3	96.9	96.9	97.6	98.7
≥100	44.9	68.7	73.4	79.2	83.8	86.2	90.3	92.5	92.8	94.6	95.6	95.6	97.5	97.6	98.2	99.4
0	44.9	68.7	73.4	79.2	83.8	86.2	90.3	92.5	92.8	94.6	95.6	95.6	97.5	97.7	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 906

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724057	PHILLIPS/ABERDEEN MD	47-56	DEC
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOUR

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.6	≥	≥5/16	≥.4	≥.3
NO CEILING	29.0	35.0	36.3	36.6	37.3	37.4	37.7	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
≥ 20000	35.0	43.4	44.8	45.5	46.2	46.5	46.9	47.0	47.0	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 18000	35.3	43.9	45.6	46.2	47.0	47.2	47.7	47.8	47.8	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 16000	35.4	44.2	45.8	46.5	47.2	47.5	47.9	48.0	48.0	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 14000	37.1	46.1	47.8	48.5	49.2	49.6	50.0	50.1	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 12000	39.1	50.1	51.9	52.5	53.3	53.6	54.1	54.2	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 10000	42.7	55.2	57.1	58.1	58.9	59.3	60.0	60.2	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 9000	43.3	56.3	58.4	59.4	60.3	60.6	61.4	61.5	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 8000	43.8	58.1	60.6	61.7	62.8	63.4	64.1	64.2	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 7000	44.4	59.3	61.9	63.0	64.1	64.9	65.8	65.9	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 6000	45.7	61.5	64.2	65.3	66.4	67.2	68.2	68.3	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 5000	46.5	63.2	66.0	67.1	68.2	69.2	70.2	70.3	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 4500	47.5	64.5	67.2	68.3	69.6	70.8	71.7	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 4000	50.7	68.3	71.2	72.5	74.1	75.3	76.5	76.7	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 3500	52.3	70.3	73.5	74.9	76.5	77.7	79.1	79.4	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 3000	53.8	72.2	75.4	76.9	78.5	79.7	81.1	81.3	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 2500	54.6	74.0	77.4	78.9	80.5	81.7	83.1	83.4	83.6	84.2	84.3	84.3	84.3	84.3	84.3	84.3
≥ 2000	54.7	75.8	79.2	80.8	82.3	83.6	85.0	85.3	85.4	86.2	86.3	86.3	86.3	86.3	86.3	86.3
≥ 1800	54.9	76.0	79.6	81.1	82.8	84.0	85.4	85.8	85.9	86.6	86.8	86.8	86.8	86.8	86.8	86.8
≥ 1500	55.6	77.4	81.0	82.9	84.5	85.8	87.2	87.6	87.9	88.7	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1200	55.6	77.9	81.6	83.4	85.4	86.6	88.1	88.7	89.0	89.8	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1000	56.3	78.3	82.2	84.3	86.3	87.5	89.1	89.7	90.0	90.8	90.9	90.9	90.9	90.9	90.9	90.9
≥ 900	56.0	78.5	82.6	84.8	86.8	88.3	89.8	90.5	90.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9
≥ 800	56.2	78.7	82.8	85.1	87.4	89.0	90.8	91.6	91.9	93.0	93.3	93.3	93.3	93.3	93.3	93.3
≥ 700	56.3	79.0	83.2	85.7	88.2	89.7	91.6	92.4	92.7	93.8	94.0	94.0	94.0	94.0	94.0	94.0
≥ 600	56.3	79.4	83.7	86.2	88.9	90.4	92.5	93.3	93.6	94.9	95.3	95.3	95.3	95.3	95.6	95.6
≥ 500	56.3	79.4	83.7	86.3	89.0	90.6	92.7	93.7	94.0	95.7	96.0	96.0	96.0	96.0	96.4	96.4
≥ 400	56.3	79.5	83.8	86.4	89.3	90.9	93.2	94.2	94.6	96.5	96.9	96.9	97.0	97.0	97.4	97.4
≥ 300	56.3	79.5	83.8	86.4	89.4	91.1	93.4	94.5	94.9	97.5	98.2	98.2	98.6	98.6	98.9	99.0
≥ 200	56.3	79.5	83.8	86.4	89.4	91.1	93.4	94.5	94.9	97.8	98.6	98.6	98.9	98.9	99.3	99.6
≥ 100	56.3	79.5	83.8	86.4	89.4	91.1	93.4	94.5	94.9	97.8	98.8	98.8	99.1	99.3	99.8	100.0
	56.3	79.5	83.8	86.4	89.4	91.1	93.4	94.5	94.9	97.8	98.8	98.8	99.1	99.3	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 906

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 47-56 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING (FEET)	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	34.3	40.5	41.5	42.7	43.2	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
20000	39.6	48.2	49.4	50.7	51.1	51.3	51.4	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5
18000	39.6	49.1	50.3	51.5	52.0	52.2	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4
16000	39.6	49.2	50.4	51.7	52.1	52.3	52.4	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5
14000	41.2	51.9	53.1	54.3	54.7	55.1	55.2	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3
12000	43.9	55.4	56.6	57.8	58.3	58.7	58.8	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9
10000	46.3	58.2	59.4	60.8	61.4	61.8	62.0	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1
9000	46.4	59.1	60.3	61.7	62.3	62.7	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0
8000	47.6	61.9	62.4	63.8	64.3	64.9	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3
7000	49.2	63.6	65.1	66.8	67.3	67.9	68.4	68.4	68.4	68.7	68.7	68.7	68.7	68.7	68.7
6000	50.2	65.2	66.8	68.4	69.0	69.5	70.1	70.1	70.1	70.3	70.3	70.3	70.3	70.3	70.3
5000	51.1	66.7	68.2	69.9	70.4	71.0	71.7	71.7	71.7	72.0	72.0	72.0	72.0	72.0	72.0
4500	52.1	67.8	69.3	71.0	71.5	72.1	72.8	72.8	72.8	73.1	73.1	73.1	73.1	73.1	73.1
4000	54.6	71.7	73.4	75.1	75.7	76.3	77.0	77.0	77.0	77.3	77.3	77.3	77.3	77.3	77.3
3500	55.4	73.0	74.8	76.9	77.7	78.3	79.1	79.1	79.1	79.4	79.4	79.4	79.4	79.4	79.4
3000	57.0	75.6	77.6	79.9	80.8	81.5	82.6	82.6	82.6	83.1	83.1	83.1	83.1	83.1	83.1
2500	57.8	77.6	79.7	82.0	83.0	83.7	85.0	85.0	85.0	85.5	85.5	85.5	85.5	85.5	85.5
2000	58.2	79.1	81.6	83.9	84.9	85.5	87.3	87.3	87.3	88.0	88.1	88.1	88.1	88.1	88.1
1800	58.2	79.4	81.8	84.2	85.2	85.9	87.6	87.6	87.6	88.3	88.4	88.4	88.4	88.4	88.4
1500	58.3	79.8	82.2	84.9	86.1	86.8	88.6	88.7	88.7	89.5	89.6	89.6	89.6	89.6	89.6
1200	58.4	80.1	82.7	85.3	86.8	87.6	89.7	89.8	89.8	90.6	90.7	90.7	90.7	90.7	90.7
1000	58.4	80.4	82.9	85.8	87.3	88.3	90.6	90.7	90.7	91.6	91.7	91.7	91.7	91.7	91.7
900	58.4	80.6	83.3	86.2	87.7	89.2	91.6	91.7	91.7	92.6	92.7	92.7	92.7	92.7	92.7
800	58.4	81.0	84.1	87.0	88.5	90.0	92.5	92.7	92.7	93.6	93.7	93.7	93.7	93.7	93.7
700	58.4	81.2	84.3	87.5	89.2	90.7	93.4	93.8	93.8	94.7	94.8	94.8	94.9	94.9	95.0
600	58.4	81.2	84.3	87.5	89.2	90.7	93.4	93.8	93.8	94.7	94.9	94.9	95.1	95.1	95.3
500	58.4	81.3	84.4	87.6	89.3	90.9	93.9	94.5	94.5	95.4	95.7	95.7	95.9	95.9	96.0
400	58.4	81.3	84.4	87.6	89.3	90.9	94.3	95.0	95.0	96.0	96.5	96.5	96.7	96.7	96.8
300	58.4	81.3	84.4	87.6	89.3	90.9	94.3	95.0	95.0	96.4	96.8	96.9	97.1	97.4	97.5
200	58.4	81.3	84.4	87.6	89.3	91.1	94.4	95.1	95.1	97.2	98.0	98.1	98.3	98.6	98.9
100	58.4	81.3	84.4	87.6	89.3	91.1	94.4	95.1	95.1	97.2	98.0	98.1	98.3	98.6	98.9
0	58.4	81.3	84.4	87.6	89.3	91.1	94.4	95.1	95.1	97.2	98.0	98.1	98.3	98.6	98.9 100.0

TOTAL NUMBER OF OBSERVATIONS 306

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724057 (STATION) PHILLIPS/ABERDEEN MO (STATION NAME) 47-56 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2400

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	40.5	51.1	51.5	52.5	53.0	53.0	53.0	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1
≥20000	43.3	55.0	55.4	56.4	56.8	56.8	56.8	56.8	56.8	57.3	57.3	57.3	57.3	57.3	57.3
≥8000	43.2	55.8	56.3	57.3	57.7	57.7	57.8	57.8	57.8	58.3	58.3	58.3	58.3	58.3	58.3
≥5000	43.2	56.0	56.4	57.4	57.8	57.8	57.9	57.9	57.9	58.4	58.4	58.4	58.4	58.4	58.4
≥4000	44.3	57.4	57.8	58.8	59.3	59.3	59.4	59.4	59.4	59.8	59.8	59.8	59.8	59.8	59.8
≥3000	44.9	60.2	60.6	61.6	62.0	62.0	62.1	62.1	62.1	62.6	62.7	62.7	62.7	62.7	62.7
≥2500	46.0	63.4	63.8	64.8	65.2	65.2	65.3	65.3	65.3	65.9	66.0	66.0	66.0	66.0	66.0
≥2000	47.2	64.1	64.6	65.6	66.0	66.0	66.1	66.1	66.1	66.7	66.8	66.8	66.8	66.8	66.8
≥1500	47.9	65.5	66.1	67.1	67.7	67.8	68.1	68.1	68.1	68.7	68.8	68.8	68.8	68.8	68.8
≥1000	49.2	68.0	68.8	69.9	70.5	70.6	71.0	71.0	71.0	71.5	71.6	71.6	71.6	71.6	71.6
≥6000	51.1	70.2	71.1	72.3	73.0	73.2	73.5	73.6	73.6	74.2	74.3	74.3	74.3	74.3	74.3
≥5000	52.0	71.4	72.8	74.1	74.9	75.2	75.9	76.0	76.0	76.6	76.7	76.7	76.7	76.7	76.7
≥4500	52.4	72.2	73.7	74.9	75.8	76.0	76.8	76.9	76.9	77.5	77.6	77.6	77.6	77.6	77.6
≥4000	53.5	74.6	76.2	77.4	78.3	78.5	79.2	79.4	79.4	79.9	80.0	80.0	80.0	80.0	80.0
≥3500	53.6	75.1	76.8	78.4	79.2	79.5	80.2	80.4	80.4	80.9	81.0	81.0	81.0	81.0	81.0
≥3000	54.0	76.2	78.5	80.2	81.1	81.3	82.1	82.5	82.5	83.0	83.1	83.1	83.1	83.1	83.1
≥2500	54.5	77.9	80.7	82.6	83.9	84.3	85.1	85.4	85.4	86.1	86.2	86.2	86.2	86.2	86.2
≥2000	54.5	78.3	81.3	83.2	84.7	85.2	86.1	86.4	86.4	87.1	87.2	87.2	87.2	87.3	87.3
≥1800	54.5	78.6	81.7	83.6	85.5	86.1	87.0	87.3	87.3	88.0	88.1	88.1	88.1	88.2	88.2
≥1500	54.5	79.8	82.9	84.9	86.9	87.4	88.3	88.6	88.6	89.3	89.4	89.4	89.4	89.5	89.5
≥1200	54.5	80.2	83.4	85.5	87.5	88.3	89.6	90.0	90.0	90.8	90.9	90.9	90.9	91.1	91.1
≥1000	54.6	80.5	84.2	86.3	88.3	89.6	91.1	91.5	91.5	92.4	92.5	92.5	92.5	92.6	92.6
≥900	54.6	80.6	84.4	86.8	88.7	90.1	91.6	92.1	92.1	92.9	93.0	93.0	93.0	93.2	93.2
≥800	54.6	80.6	84.4	86.9	88.9	90.3	91.9	92.4	92.4	93.3	93.4	93.4	93.5	93.5	93.6	93.6
≥700	54.6	80.7	84.7	87.1	89.2	90.6	92.5	93.0	93.0	93.9	94.0	94.0	94.3	94.3	94.4	94.4
≥600	54.6	80.7	84.7	87.1	89.3	90.7	92.7	93.6	93.6	94.5	94.6	94.6	94.8	94.8	94.9	94.9
≥500	54.6	80.7	84.8	87.2	89.4	90.8	92.8	93.9	93.9	94.6	94.9	94.9	95.1	95.1	95.7	95.7
≥400	54.6	80.7	84.8	87.2	89.4	90.8	93.0	94.5	94.5	95.4	95.5	95.5	95.7	95.8	96.4	96.4
≥300	54.6	80.7	84.8	87.2	89.4	90.8	93.0	94.8	94.8	96.0	96.4	96.4	96.6	96.7	97.2	97.5
≥200	54.6	80.7	84.8	87.2	89.4	90.8	93.0	94.8	94.8	96.4	96.8	96.8	97.1	97.4	98.1	98.7
≥100	54.6	80.7	84.8	87.2	89.4	90.8	93.0	94.8	94.8	96.5	96.9	96.9	97.4	97.6	98.5	99.0
0	54.6	80.7	84.8	87.2	89.4	90.8	93.0	94.8	94.8	96.5	96.9	96.9	97.4	97.6	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 926

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72405 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 47-56 (YEAR) DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥¼	0
≥ 20000	35.3	48.9	50.3	50.9	51.3	51.3	51.7	51.8	51.8	51.9	51.9	51.9	52.0	52.0	52.0	52.4
	38.3	53.5	55.1	55.7	56.4	56.4	56.7	56.8	56.8	57.0	57.0	57.0	57.1	57.1	57.1	57.5
≥ 15000	38.5	53.9	55.3	56.1	56.7	56.7	57.1	57.2	57.2	57.3	57.3	57.3	57.4	57.4	57.4	57.8
≥ 10000	38.5	53.9	55.3	56.2	56.8	56.8	57.2	57.3	57.3	57.4	57.4	57.4	57.5	57.5	57.5	57.9
≥ 7000	39.3	55.2	56.6	57.5	58.2	58.2	58.5	58.6	58.6	58.7	58.7	58.7	58.8	58.8	58.8	59.3
≥ 5000	39.7	57.3	58.7	59.6	60.3	60.3	60.6	60.7	60.7	60.8	60.8	60.8	60.9	60.9	60.9	61.4
≥ 4000	41.3	60.5	61.9	62.8	63.5	63.5	63.8	64.0	64.0	64.1	64.1	64.1	64.2	64.2	64.2	64.7
≥ 3000	41.5	61.1	62.6	63.5	64.1	64.1	64.5	64.7	64.7	64.8	64.8	64.8	64.9	64.9	64.9	65.3
≥ 2500	42.8	63.6	65.0	66.0	66.7	66.8	67.1	67.7	67.7	67.8	67.8	67.8	67.9	67.9	67.9	68.3
≥ 2000	43.7	64.6	66.4	67.5	68.4	68.5	68.9	69.5	69.5	69.6	69.6	69.6	69.9	69.9	69.9	70.3
≥ 1500	45.4	67.7	69.3	70.4	71.3	71.5	71.9	72.5	72.5	72.6	72.6	72.6	72.8	72.8	72.8	73.3
≥ 1000	45.9	68.7	70.3	71.6	72.7	73.0	73.5	74.2	74.2	74.3	74.3	74.3	74.5	74.5	74.5	74.9
≥ 900	46.7	70.2	72.3	73.6	74.7	74.9	75.6	76.3	76.3	76.4	76.4	76.4	76.6	76.6	76.6	77.0
≥ 800	47.9	73.1	75.3	76.9	78.0	78.3	79.0	79.7	79.7	79.8	79.8	79.8	80.0	80.0	80.0	80.6
≥ 700	48.1	73.7	76.2	78.1	79.2	79.5	80.2	80.9	80.9	81.0	81.0	81.0	81.2	81.2	81.2	81.8
≥ 600	48.7	75.3	78.4	80.4	81.5	81.7	82.5	83.1	83.1	83.2	83.2	83.2	83.4	83.4	83.4	84.0
≥ 500	49.8	76.3	79.4	81.6	82.9	83.1	83.9	84.5	84.5	84.7	84.7	84.7	85.0	85.0	85.0	85.5
≥ 400	49.0	76.8	80.5	82.7	84.2	84.4	85.3	86.0	86.0	86.1	86.1	86.1	86.4	86.4	86.4	87.0
≥ 300	49.1	77.2	81.0	83.3	85.1	85.3	86.2	86.9	86.9	87.0	87.0	87.0	87.3	87.3	87.3	87.9
≥ 200	49.1	77.5	81.6	84.2	86.3	86.6	87.5	88.2	88.2	88.3	88.3	88.3	88.6	88.6	88.6	89.2
≥ 150	49.0	77.7	81.9	84.5	86.8	87.3	88.2	88.9	88.9	89.7	89.7	89.7	90.1	90.1	90.1	90.6
≥ 100	49.1	78.1	82.6	85.5	87.7	88.6	89.6	90.3	90.3	91.2	91.2	91.2	91.5	91.5	91.5	92.1
≥ 90	49.1	78.3	82.7	85.8	88.0	88.9	90.0	90.6	90.6	91.6	91.6	91.6	91.9	91.9	91.9	92.5
≥ 80	49.0	78.4	82.9	86.0	88.2	89.1	90.6	91.3	91.3	92.3	92.3	92.3	92.6	92.6	92.6	93.2
≥ 70	49.0	78.4	82.9	86.3	88.5	89.4	91.1	91.7	91.7	92.7	92.7	92.7	93.0	93.0	93.0	93.6
≥ 60	49.1	78.7	83.2	86.8	89.1	90.0	92.1	92.7	92.7	93.7	93.7	93.7	94.0	94.0	94.0	94.6
≥ 50	49.0	78.8	83.4	87.0	89.3	90.3	92.4	93.0	93.0	94.2	94.2	94.2	94.6	94.6	94.8	95.4
≥ 40	49.0	78.8	83.4	87.0	89.4	90.4	92.5	93.5	93.5	94.7	94.7	94.7	95.1	95.1	95.4	95.9
≥ 30	49.0	78.8	83.4	87.0	89.4	90.4	92.6	93.6	93.6	95.1	95.1	95.1	95.7	95.7	95.9	96.6
≥ 20	49.1	78.8	83.4	87.0	89.5	90.5	92.8	93.8	93.8	95.4	95.4	95.4	96.1	96.1	96.7	97.6
≥ 10	49.0	78.8	83.4	87.0	89.5	90.5	92.8	93.8	93.8	95.7	95.7	95.7	96.7	96.7	97.6	98.5
0	49.1	78.8	83.4	87.0	89.5	90.5	92.8	93.8	93.8	95.8	95.8	95.8	96.8	96.8	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 906

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724057 (STATION) PHILLIPS/ABERDEEN, MD (STATION NAME) 47-56 (YEAR) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

ALL

VISIBILITY (STATUTE MILES)

CEILING (FEET)	30	26	24	20	18	16	14	12	10	8	7	6	5	4	3	2	1
20000	32.3	42.7	43.9	45.1	45.7	45.8	46.5	46.7	46.7	46.8	46.9	46.9	47.1	47.2	47.2	47.4	
15000	36.1	45.1	47.4	50.2	51.6	51.8	52.6	52.7	52.7	53.0	53.2	53.2	53.3	53.3	53.4	53.5	
10000	36.1	48.6	50.0	51.4	52.2	52.4	53.1	53.3	53.7	53.5	53.6	53.6	53.8	53.9	54.0	54.2	
9000	36.1	48.8	50.1	51.9	52.4	52.6	53.3	53.5	53.5	53.7	53.8	53.8	54.0	54.1	54.2	54.4	
8000	37.0	50.4	51.7	53.2	54.0	54.2	55.0	55.2	55.2	55.4	55.5	55.5	55.7	55.8	55.8	56.0	
7000	38.1	53.2	54.7	56.3	57.1	57.3	58.2	58.3	58.3	58.6	58.7	58.7	58.9	59.0	59.0	59.2	
6000	40.2	56.8	58.5	60.2	61.1	61.4	62.3	62.6	62.6	62.9	63.0	63.0	63.3	63.4	63.5	63.7	
5000	40.6	57.6	59.3	61.1	62.1	62.3	63.3	63.6	63.6	63.9	64.0	64.0	64.3	64.4	64.4	64.7	
4000	41.6	59.6	61.6	63.6	64.6	65.0	66.1	66.4	66.4	66.8	66.9	66.9	67.2	67.3	67.4	67.6	
3000	42.4	61.0	63.1	65.2	66.3	66.6	67.9	68.2	68.2	68.7	68.8	68.8	69.1	69.2	69.3	69.5	
2500	43.6	63.1	65.3	67.4	68.7	69.1	70.3	70.7	70.7	71.1	71.2	71.2	71.5	71.6	71.7	71.9	
2000	44.4	64.5	66.9	69.2	70.4	71.0	72.3	72.6	72.6	73.1	73.2	73.2	73.6	73.6	73.7	73.9	
1500	45.1	65.6	68.0	70.5	71.9	72.4	73.8	74.1	74.1	74.6	74.7	74.7	75.1	75.1	75.2	75.4	
1000	46.5	68.1	70.7	73.4	74.8	75.4	76.9	77.3	77.3	77.8	77.9	77.9	78.3	78.4	78.4	78.7	
900	47.3	69.4	72.1	75.0	76.6	77.2	78.7	79.1	79.1	79.6	79.8	79.8	80.2	80.3	80.3	80.5	
800	48.1	71.0	74.0	77.1	78.7	79.3	81.0	81.4	81.4	82.0	82.2	82.2	82.6	82.6	82.7	82.9	
700	48.7	72.5	75.6	78.6	80.5	81.2	82.9	83.3	83.4	84.0	84.2	84.2	84.6	84.7	84.7	84.9	
600	48.9	73.4	76.7	80.0	81.7	82.4	84.2	84.7	84.7	85.4	85.5	85.5	86.0	86.0	86.1	86.3	
500	48.9	73.6	76.9	80.2	82.1	82.8	84.7	85.1	85.1	85.8	86.0	86.0	86.4	86.5	86.5	86.8	
400	49.0	74.3	77.7	81.3	83.3	84.1	86.0	86.6	86.6	87.4	87.6	87.6	88.0	88.1	88.1	88.4	
300	49.1	74.7	78.1	81.9	84.0	84.8	86.9	87.5	87.5	88.4	88.7	88.7	89.1	89.2	89.3	89.5	
200	49.1	74.9	78.6	82.5	84.8	85.6	88.0	88.7	88.8	89.8	90.0	90.0	90.5	90.6	90.7	90.9	
150	49.1	75.1	78.9	82.9	85.2	86.3	88.6	89.3	89.4	90.5	90.7	90.7	91.2	91.3	91.4	91.6	
100	49.2	75.3	79.1	83.2	85.7	86.9	89.4	90.2	90.3	91.3	91.6	91.6	92.1	92.2	92.3	92.5	
90	49.2	75.4	79.1	83.5	86.1	87.4	90.0	90.9	90.9	92.0	92.3	92.3	92.9	93.0	93.1	93.3	
80	49.2	75.6	79.5	83.9	86.6	88.0	90.8	91.7	91.8	93.0	93.3	93.3	94.0	94.0	94.2	94.5	
70	49.2	75.6	79.6	83.9	86.8	88.3	91.3	92.3	92.4	93.7	94.0	94.1	94.7	94.8	95.1	95.4	
60	49.2	75.7	79.7	84.1	87.1	88.6	91.7	92.9	93.0	94.4	94.7	94.8	95.5	95.6	95.9	96.2	
50	49.2	75.7	79.7	84.1	87.1	88.7	91.9	93.1	93.3	94.9	95.4	95.4	96.2	96.3	96.7	97.1	
40	49.2	75.7	79.7	84.1	87.1	88.7	92.0	93.2	93.4	95.2	95.8	95.8	96.7	96.9	97.4	98.1	
30	49.2	75.7	79.7	84.1	87.1	88.7	92.0	93.2	93.4	95.3	96.0	96.0	97.1	97.3	97.9	98.8	
20	49.2	75.7	79.7	84.1	87.1	88.7	92.0	93.2	93.4	95.4	96.1	96.1	97.2	97.4	98.1	100.0	

TOTAL NUMBER OF OBSERVATIONS 7248

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 47-57 (YEARS) ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) ALL

VISIBILITY STATUTE MILES

CEILING FEET	20	26	25	24	23	22	21	2	19	18	17	16	15	14	13	12
[illegible]	43.3	45.2	46.7	48.[illegible]	48.8	49.0	49.5	49.7	49.7	50.0	50.1	50.1	50.2	50.2	50.3	50.6
[illegible]	37.2	50.5	52.2	53.6	54.4	54.7	55.2	55.4	55.5	55.7	55.6	55.8	56.[illegible]	56.[illegible]	56.1	56.3
[illegible]	37.4	51.[illegible]	52.6	54.1	54.9	55.1	55.7	55.9	56.0	56.2	56.3	56.3	56.5	56.5	56.6	56.8
[illegible]	37.6	51.2	52.9	54.4	55.2	55.5	56.[illegible]	56.2	56.3	56.5	56.6	56.6	56.8	56.[illegible]	56.9	57.1
[illegible]	38.5	52.6	54.4	55.9	56.7	56.9	57.5	57.7	57.8	58.[illegible]	58.1	58.1	58.3	58.3	59.4	58.6
[illegible]	40.3	55.4	57.2	58.8	59.7	60.0	60.6	60.9	60.9	61.2	61.3	61.3	61.5	61.5	61.6	61.8
[illegible]	42.1	59.1	61.1	62.9	63.8	64.1	64.7	65.[illegible]	65.1	65.4	65.5	65.5	65.7	65.7	65.8	66.0
[illegible]	42.4	60.1	62.2	64.0	65.0	65.3	65.9	66.2	66.2	66.5	66.6	66.7	66.9	66.9	67.[illegible]	67.1
[illegible]	43.9	62.4	64.7	66.6	67.7	68.0	68.7	69.0	69.0	69.4	69.5	69.5	69.7	69.7	69.9	70.0
[illegible]	44.3	64.2	66.5	68.5	69.6	70.0	70.7	71.0	71.0	71.4	71.5	71.5	71.7	71.8	71.8	72.0
[illegible]	45.9	66.1	68.5	70.6	71.8	72.1	72.9	73.2	73.2	73.6	73.7	73.7	73.9	74.[illegible]	74.1	74.3
[illegible]	46.4	67.7	70.3	72.5	73.7	74.1	74.8	75.2	75.2	75.6	75.7	75.7	75.9	76.[illegible]	76.1	76.3
[illegible]	47.5	68.9	71.5	73.7	74.9	75.4	76.1	76.5	76.5	76.9	77.0	77.0	77.2	77.[illegible]	77.4	77.6
[illegible]	48.8	71.1	73.9	76.3	77.6	78.1	78.9	79.3	79.3	79.7	79.8	79.8	80.1	80.1	80.2	80.4
[illegible]	49.5	72.4	75.[illegible]	77.7	79.1	79.6	80.4	80.8	80.9	81.3	81.4	81.4	81.6	81.7	81.9	82.0
[illegible]	50.4	74.2	77.3	79.9	81.4	81.9	82.8	83.2	83.2	83.7	83.5	83.8	84.1	84.1	84.2	84.4
[illegible]	50.9	75.5	78.9	81.5	83.1	83.6	84.6	85.1	85.1	85.5	85.7	85.7	85.9	86.[illegible]	86.1	86.3
[illegible]	51.3	76.7	80.1	83.0	84.7	85.3	86.4	86.8	86.9	87.3	87.5	87.5	87.7	87.6	87.9	88.1
[illegible]	51.4	76.9	80.4	83.3	85.1	85.6	86.7	87.2	87.3	87.7	87.9	87.9	88.1	88.2	88.3	88.5
[illegible]	51.6	77.7	81.3	84.4	86.4	87.0	88.1	88.6	88.7	89.2	89.4	89.4	89.6	89.7	89.8	90.0
[illegible]	51.7	78.4	82.2	85.5	87.6	88.2	89.5	90.0	90.1	90.6	90.8	90.8	91.1	91.1	91.2	91.4
[illegible]	51.3	78.9	82.9	86.4	88.7	89.5	90.9	91.5	91.6	92.2	92.4	92.4	92.8	92.8	92.9	93.1
[illegible]	51.9	79.2	83.2	86.8	89.1	90.0	91.5	92.1	92.2	92.9	93.1	93.1	93.4	93.5	93.[illegible]	93.8
[illegible]	51.9	79.4	83.4	87.1	89.6	90.5	92.1	92.8	92.9	93.7	93.9	93.9	94.3	94.3	94.4	94.7
[illegible]	51.9	79.5	83.6	87.4	90.0	90.9	92.7	93.5	93.6	94.4	94.6	94.7	95.0	95.1	95.2	95.5
[illegible]	51.9	79.6	83.8	87.7	90.4	91.4	93.3	94.2	94.3	95.2	95.4	95.5	95.9	95.9	96.1	96.3
[illegible]	51.9	79.7	83.9	87.8	90.6	91.7	93.8	94.8	95.0	96.0	96.3	96.3	96.8	96.9	97.1	97.3
[illegible]	51.9	79.7	83.9	87.9	90.8	91.9	94.1	95.1	95.3	96.4	96.8	96.8	97.4	97.5	97.7	97.9
[illegible]	51.9	79.7	83.9	87.9	90.8	92.0	94.2	95.3	95.5	96.7	97.1	97.2	97.9	97.9	98.2	98.5
[illegible]	51.9	79.7	83.9	87.9	90.8	92.0	94.3	95.4	95.6	96.9	97.3	97.4	98.2	98.3	98.6	99.[illegible]
[illegible]	51.9	79.7	83.9	87.9	90.8	92.0	94.3	95.4	95.6	96.9	97.4	97.5	98.3	98.4	98.8	99.4
[illegible]	51.9	79.7	83.9	87.9	90.8	92.0	94.3	95.4	95.6	96.9	97.4	97.5	98.3	98.4	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 37256

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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

TOTAL SKY COVER

FOR ALL WAYS STATIONS [illegible] OF CLEAR, SCATTERED, BROKEN, OVERCAST, & OBSCURED WERE USED AS INPUT FOR THE TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 7/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

724257 — PHILLIPS/ABERDEEN MD — 41-57 — JAN

STATION — STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER												
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02	31.0			9.9						11.4	48.2	0.0	0.3
	03-05	27.7			11.3						10.7	50.3	0.3	0.3
	06-08	19.3			1.7						1.6	50.3	7.0	0.0
	09-11	10.5			17.8						23.0	44.6	7.5	0.3
	12-14	9.1			16.7						24.4	47.6	7.5	0.3
	15-17	11.1			23.6						21.0	43.6	7.0	0.3
	18-20	24.4			16.5						14.2	44.5	6.2	0.1
	21-23	27.0			13.7						12.7	46.5	6.2	0.4
TOTALS		19.6			16.4						16.6	47.4	6.7	3221

USAFETAC FORM JUL 64 0 9 5 OL A1 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

104257 PHILLIPS/ABERDEEN AC 42-57 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER									
		0	1	2	3	4	5	6	7	8	9
FEB	00-02	39.2			11.2				6.8	42.0	0.2	0.49
	03-05	35.[illegible]			11.7				6.9	42.[illegible]	0.5	0.49
	06-08	19.7			21.9				10.3	42.[illegible]	0.3	0.49
	09-11	15.7			25.6				11.1	42.[illegible]	0.0	0.49
	12-14	13.1			2[illegible].7				20.4	40.8	7.0	0.49
	15-17	15.6			22.3				20.4	37.7	0.0	0.49
	18-20	25.4			22.6				11.5	37.2	0.7	0.49
	21-23	37.1			13.9				10.4	38.6	0.2	0.49
TOTALS		[illegible]			17.8				16.4	41.3	[illegible]	0.291

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

AL CLIMATOLOGY BRANCH
TAC
ATHER SERVICE/MAC

SKY COVER

[illegible]-57 PHILLIPS/ABERDEEN MD 45-57 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

MONTH	HOURS	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS	TOTAL NO. OBS.
		0	1	2	3	4	5	6	7	8	9		
MAR	[illegible]-03	34.1			17.3						16.[illegible]	41.6	5.4	93[illegible]
	0[illegible]-05	36.7			12.8						9.7	40.9	[illegible].3	930
	[illegible]-08	20.[illegible]			22.6						15.6	41.1	6.2	93[illegible]
	[illegible]-11	16.3			21.9						19.7	42.0	6.6	93[illegible]
	1[illegible]-14	14.4			1[illegible].4						2[illegible].7	39.[illegible]	6.9	93[illegible]
	1[illegible]-17	15.6			20.5						24.5	39.4	6.8	930
	1[illegible]-20	24.7			22.[illegible]						15.1	38.2	5.8	93[illegible]
	[illegible]-23	37.3			12.6						9.0	41.1	5.3	930
TOTALS		2[illegible].5			17.8						16.4	40.4	6.0	7440

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

72057 PHILLIPS/ABERDEEN MD 46-57 APR
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NUMBER OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02	33.3			15.2						12.2	39.6	5.5	900
	03-05	26.4			13.1						13.7	41.8	6.0	900
	06-08	18.0			17.0						22.7	42.3	6.8	900
	09-11	14.4			20.8						23.9	40.9	6.9	900
	12-14	8.7			24.1						27.2	40.0	7.2	900
	15-17	9.8			22.9						29.6	37.8	7.1	900
	18-20	15.6			24.3						24.2	35.9	6.5	900
	21-23	33.1			17.1						11.0	38.8	5.4	900
TOTALS		19.9			19.9						20.6	39.6	6.4	7200

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

724157 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (PERIOD) MAY (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		
MAY	00-02	32.3			15.2						11.5	41.3	5.6	930
	03-05	18.9			21.0						18.0	42.2	6.5	930
	06-08	12.9			20.3						23.6	43.0	7.0	930
	09-11	11.9			21.0						30.2	36.9	7.0	930
	12-14	6.9			22.9						32.4	35.6	7.2	930
	15-17	8.6			23.9						31.8	36.8	7.2	930
	18-20	13.2			24.2						27.1	35.5	6.7	930
	21-23	28.1			20.2						18.3	37.4	5.6	930
TOTALS		16.9			21.1						23.5	38.6	6.6	7440

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

724 57 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (PERIOD) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02	43.1			17.1						11.4	28.3	4.4	900
	03-05	23.1			28.3						18.1	30.4	5.5	900
	06-08	16.1			27.3						25.7	30.9	6.2	900
	09-11	13.7			30.4						28.9	27.0	6.2	900
	12-14	5.4			34.3						36.4	23.8	6.7	900
	15-17	8.3			36.4						32.6	22.7	6.3	900
	18-20	12.4			35.9						27.2	24.4	6.0	900
	21-23	35.3			24.3						15.1	25.2	4.6	900
TOTALS		19.7			29.3						24.4	26.6	5.7	7200

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

72403 — STATION
PHILLIPS/ABERDEEN MD — STATION NAME
48-57 — PERIOD
JUL — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	39.5			21.0						15.8	23.8	4.4	930
	03-05	22.2			30.1						24.9	22.6	5.4	930
	06-08	15.3			29.1						31.2	24.4	6.1	930
	09-11	12.9			30.5						34.1	22.5	6.2	930
	12-14	5.3			34.1						40.0	20.6	6.7	930
	15-17	8.4			35.2						37.7	18.7	6.3	930
	18-20	9.9			33.3						36.3	20.4	6.3	930
	21-23	29.2			33.0						19.4	18.4	4.6	930
TOTALS		17.8			30.8						29.9	21.5	5.8	7440

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

724057 STATION — PHILLIPS/ABERDEEN MD STATION NAME — 43-57 PER CENT — AUG 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		
AUG	00-02	33.0			23.5						19.3	23.2	4.4	930
	03-05	29.8			24.0						18.6	27.6	5.2	930
	06-08	19.0			25.4						24.9	30.6	6.1	930
	09-11	15.9			27.4						30.2	26.6	6.2	930
	12-14	6.3			36.9						35.8	21.0	6.8	930
	15-17	10.8			36.5						32.3	20.5	6.1	930
	18-20	19.5			31.3						26.8	22.5	5.6	930
	21-23	35.3			26.1						15.8	22.2	4.8	930
TOTALS		21.9			28.9						25.0	24.3	5.6	7440

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

~~724057~~ STATION ~~PHILLIPS/ABERDEEN MD~~ STATION NAME ~~48-57~~ 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 OB
		0	1	2	3	4	5	6	7	8	9	10		
~~SEP~~	~~00-02~~	~~43.7~~			~~17.0~~						~~13.2~~	~~26.1~~	~~4.3~~	~~900~~
	~~03-05~~	~~36.7~~			~~17.3~~						~~14.2~~	~~31.8~~	~~5.0~~	~~900~~
	~~06-08~~	~~23.2~~			~~2[illegible].9~~						~~19.7~~	~~36.2~~	~~6.0~~	~~900~~
	~~09-11~~	~~20.1~~			~~26.8~~						~~23.9~~	~~29.6~~	~~5.9~~	~~900~~
	~~12-14~~	~~15.0~~			~~29.1~~						~~30.1~~	~~25.8~~	~~6.2~~	~~900~~
	~~15-17~~	~~16.9~~			~~30.1~~						~~28.1~~	~~24.9~~	~~5.9~~	~~900~~
	~~18-20~~	~~22.9~~			~~26.2~~						~~23.7~~	~~27.2~~	~~5.6~~	~~900~~
	~~21-23~~	~~36.3~~			~~19.1~~						~~14.1~~	~~28.4~~	~~4.7~~	~~900~~
TOTALS		~~27.1~~			~~23.3~~						~~20.9~~	~~28.8~~	~~5.5~~	~~7200~~

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (PERIOD) OCT (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		
OCT	00-02	47.3			14.5						8.9	29.2	4.2	930
	03-05	42.5			13.8						11.4	32.4	4.7	930
	06-08	24.7			25.8						14.9	34.5	5.6	930
	09-11	23.2			25.9						19.7	31.2	5.7	930
	12-14	22.6			25.3						22.8	29.4	5.7	930
	15-17	21.9			24.6						23.2	30.2	5.9	930
	18-20	33.9			20.9						17.3	28.0	5.0	930
	21-23	44.5			17.3						10.2	28.0	4.2	930
TOTALS		32.6			21.0						16.1	30.4	5.1	7440

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

724057 PHILLIPS/ABERDEEN MD 40-57 NOV
STATION STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS	TOTAL NO. OBS
		0	1	2	3	4	5	6	7	8	9	10		
NOV	00-02	40.2			15.1						10.6	33.9	4.8	900
	03-05	37.9			15.7						11.2	35.2	5.0	900
	06-08	21.0			25.0						17.3	35.9	5.9	900
	09-11	20.2			22.0						21.3	36.4	6.2	900
	12-14	16.1			21.7						25.1	37.1	6.6	900
	15-17	15.8			25.9						22.4	35.9	6.4	900
	18-20	34.1			21.2						11.0	33.7	5.0	896
	21-23	37.5			17.4						11.1	32.0	4.7	897
TOTALS		24.2			20.5						16.3	35.6	5.6	7195

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

724057 STATION — PHILLIPS/ABERDEEN MD STATION NAME — 47-56 PERIOD — DEC 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		
DEC	00-02	36.9			15.3						9.1	38.7	5.1	906
	03-05	34.8			14.2						10.5	40.5	5.4	906
	06-08	19.9			21.7						16.2	40.2	6.3	906
	09-11	16.6			20.2						22.5	40.5	6.7	906
	12-14	13.1			21.6						28.0	37.2	6.9	906
	15-17	15.2			24.6						23.2	37.2	6.5	906
	18-20	30.7			19.1						11.6	38.6	5.5	906
	21-23	34.8			15.2						11.1	38.9	5.3	906
TOTALS		25.3			19.0						16.8	39.0	6.0	7248

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

74057 — PHILLIPS/ABERDEEN MC — 47-57 — ALL

STATION — STATION NAME — YEARS — HOURS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS	TOTAL NO. OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	14.6			16.4						16.6	47.4	6.7	7221
FEB		25.5			17.8						16.4	40.3	6.0	6791
MAR		24.5			17.8						16.4	41.4	6.0	7440
APR		19.9			19.9						20.6	39.6	6.4	7200
MAY		16.9			21.1						23.5	38.6	6.6	7440
JUN		19.7			29.3						24.4	26.6	5.7	7200
JUL		17.6			30.8						29.9	21.5	5.8	7440
AUG		21.9			28.9						25.0	24.3	5.6	7440
SEP		27.1			23.3						20.9	28.8	5.5	7200
OCT		32.6			21.0						16.1	30.4	5.1	7440
NOV		28.2			20.5						16.3	35.0	5.6	7195
DEC		25.3			19.0						16.6	39.0	6.0	7246
TOTALS		23.3			22.2						20.2	38.3	5.9	87255

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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

   a. Daily maximum temperatures
   b. Daily minimum temperatures
   c. Daily mean temperatures

   NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

   a. Extreme maximum temperature
   b. Extreme minimum temperature

   NOTE: The following symbols are used in the extreme data blocks:

   (1) * indicates the extreme was selected from a month with one or more days missing.

   (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

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

Continued on Reverse

E

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

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

b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2), sums of values (ΣX), means ($\bar{X}$), and standard deviations (σx). The number of observations used in the computation for each element is also shown.

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

NOTE: Wet-bulb temperature usually was not reported prior to 1948. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
724057 PHILLIPS/ABERDEEN MD 36-57
STATION STATION NAME YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM DAILY OBSERVATIONS

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
100						.2	.3	.3					.2
95					.3	1.7	7.3	3.1	1.2	.1			.1
90				.3	2.[illegible]	14.6	25.4	18.9	4.8	.7			.6
85			.2	1.9	9.5	40.5	61.1	49.0	17.2	2.5	.2		1[illegible].1
80			1.5	6.7	24.9	63.3	86.1	76.0	41.2	7.4	.3		35.[illegible]
75	.2		3.2	14.6	47.2	82.[illegible]	97.8	94.1	64.8	20.2	1.7		35.[illegible]
70	.3	.3	6.3	25.4	68.4	92.9	99.8	98.4	83.1	38.[illegible]	6.5		43.4
65	2.0	2.7	13.8	39.2	82.9	97.8	100.0	100.0	93.6	6[illegible].2	15.6	1.2	51.2
60	4.5	5.7	22.9	59.0	94.0	99.5			98.1	78.9	32.8	6.4	58.7
55	10.6	11.0	36.7	78.3	98.5	100.0			99.7	91.7	48.5	14.0	66.[illegible]
50	20.2	24.2	53.0	91.7	100.0				100.0	98.2	67.9	25.8	73.7
45	32.4	40.0	69.7	96.7						99.4	85.4	43.2	[illegible].6
40	50.9	65.2	85.9	99.7						100.0	94.5	66.6	88.7
35	75.7	85.3	95.9	100.0							96.5	84.[illegible]	95.[illegible]
30	90.3	95.1	99.5								100.0	95.3	98.4
25	96.3	98.5	100.0									99.2	99.5
20	99.2	99.3										100.0	99.9
15	100.0	99.8											100.0
10		100.0											100.0
MEAN	41.0	43.4	51.4	62.7	73.3	81.7	86.0	83.9	77.1	66.9	54.6	43.7	63.8
	9.898	9.321	11.154	10.313	8.674	7.603	5.598	6.135	7.924	8.882	9.893	9.126	18.225
DATA PCT	642	592	651	630	651	630	645	641	622	673	650	643	7670

USAFETAC FORM 0-2[illegible] (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SECTIONAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
724057 PHILLIPS/ABERDEEN MD 36-57
STATION NAME YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN A
75						.6	3.6	4.1	.8				.8
70					.5	11.0	33.5	22.6	6.1	.6			6.2
65					4.0	37.8	64.3	54.6	22.3	2.5			15.5
60				1.0	18.3	63.0	86.8	79.3	42.0	7.0	.8		24.8
55			.5	5.7	43.2	84.4	98.0	92.5	62.7	18.3	3.2		34.0
50	.6	.2	2.9	15.1	66.7	96.0	99.8	99.2	81.3	37.9	8.0	.2	42.7
45	1.2	.6	8.1	35.9	85.4	99.7	100.0	100.0	94.9	57.7	16.2	1.7	5[illegible].3
40	4.4	3.4	19.2	61.4	96.8	100.0			98.1	79.2	30.0	6.7	58.5
35	16.0	15.7	39.9	84.4	99.4				99.8	92.0	52.9	21.0	68.7
30	23.4	23.1	50.7	90.2	99.7				100.0	94.7	61.4	28.6	72.9
25	37.9	39.7	66.7	96.0	100.0					99.0	76.8	44.9	80.3
20	60.1	66.6	85.9	99.5						99.9	92.3	66.3	89.3
15	77.3	82.9	95.5	100.0						100.0	98.3	82.4	94.8
10	87.2	92.6	98.9								100.0	93.9	97.8
5	96.0	97.6	99.8									97.7	99.3
0	98.6	99.7	100.0									99.8	99.8
-5	99.5	100.0										100.0	100.0
	100.0												100.0
MEAN	25.9	26.8	32.6	42.1	52.6	61.[illegible]	66.2	64.6	57.4	46.6	35.8	27.6	45.0
S.D.	9.077	7.879	8.025	7.447	7.293	6.59[illegible]	5.467	6.198	6.200	8.691	8.652	8.2[illegible]4	16.474
TOTAL OBS	642	592	651	630	651	630	645	641	622	673	650	643	7670

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

724057 PHILLIPS/ABERDEEN MD 36-57

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						.2							.0
85						.8	4.7	1.2	.6				.6
80					.5	11.1	27.8	20.0	4.5	.6			5.4
75					4.6	37.3	64.5	49.8	16.7	1.9			14.6
70				2.9	19.8	62.5	91.2	79.1	40.0	4.9			25.0
65			1.2	8.4	44.1	83.8	99.2	96.3	64.0	15.9	1.5		34.5
60		.2	3.5	21.1	66.5	96.7	100.0	99.8	84.1	38.8	5.7		43.1
55	1.1	1.2	9.4	37.0	86.6	99.7		100.0	95.7	59.4	14.9	.8	50.6
50	3.6	4.1	19.5	61.1	97.4	100.0			99.0	81.9	31.7	4.0	58.8
45	10.4	11.3	37.8	83.3	99.7				100.0	94.7	48.5	15.2	67.0
40	26.5	27.2	60.5	95.7	100.0					99.1	74.2	32.2	76.6
35	43.5	54.7	79.4	99.2						99.9	91.2	56.5	85.6
30	68.4	77.9	93.9	100.0						100.0	97.7	77.6	93.1
25	84.9	91.4	98.3								99.8	90.5	97.1
20	94.1	97.6	99.8								100.0	97.4	99.1
15	98.0	99.3	100.0									99.5	99.7
10	99.8	100.0										100.0	100.0
5	100.0												100.0
MEAN	33.5	35.2	42.2	52.4	63.0	71.6	76.2	74.3	67.3	56.8	45.3	35.7	54.5
S.D.	8.931	7.976	8.875	8.167	7.200	6.488	4.856	5.421	7.436	7.971	8.557	8.124	17.025
TOTAL OBS	642	592	651	630	651	630	645	641	622	673	650	643	7670

USAFETAC FORM 0215 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 36-57 (YEARS)

#WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
36										79	74	60	
37	70	56	60	84	90	92	96	92	91	79	66	62	96
38	59	68	78	85	83	90	94	95	85	83	75	57	95
39	59	71	84	86	91	95	91	94	97	88	71	61	97
40	56	54	67	76	87	89	99	90	90	78	74	59	99
41	53	53	59	91	95	93	100	94	94	95	72	62	100
42	63	54	72	92	95	93	97	92	92	80	78	53	97
43	62	67	81	79	88	94	93	94	91	81	70	62	94
44	66	63	66	78	89	93	97	97	90	84	71	54	97
45	56	55	87	84	85	98	97	93	88	76	75	55	98
46	61*	70	77	80	85	91	93	90	91	85	75	65	93
47	67	50	63	82	85	90*	95*	95*	89*	87*	71*	56	* 95
48	* 53	65	84	77	86	93	91	99	89	80	78	63	99
49	58	74	79	81	87	97	98	97	86	83	74	62	98
50	75	52	72	78	83	93	92	91	89	85	85	65	93
51	65	66	66	82	89	90	93	93	91	90	69	68	93
52	59	54	74	83	84	100	98	91	94	81	67	62	100
53	65	68	67	83	88	92	98	102	98	80	75	64	102
54	66	73	70	81	83	98	101	93	95	87	64	61	101
55	61	62	75	78	90	89	99	101	86	82	77	61	101
56	51	59	67	83	91	96	94	91	91	77	69	66	96
57	60	62	70	88	87	96	99	94	92	75	69		
MEAN	61.4	61.3	72.3	82.4	87.7	93.4	96.0	94.2	91.0	82.4	72.8	61.1	97.5
S D	5.762	7.505	7.951	4.319	3.526	3.155	3.112	3.453	3.449	4.759	4.795	3.932	2.787
TOTAL OBS	642	592	651	630	651	630	645	641	622	673	650	643	7670

NOTES * (BASED ON LESS THAN FULL MONTHS)

(AT LEAST ONE DAY LESS THAN 24 OBS)

USAF ETAC FORM 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 36-57 (YEARS)

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
36										24	15	15	
37	24	20	20	30	38	55	56	61	44	29	23	14	14
38	14	19	13	31	42	46	59	57	46	36	16	17	13
39	11	14	20	28	38	58	55	61	50	29	27	14	11
40	2	14	16	24	39	48	53	56	36	30	25	15	2
41	15	17	15	32	39	50	60	49	45	31	26	17	15
42	-2	9	28	31	45	53	60	51	42	30	23	0	-2
43	15	5	9	22	36	56	52	55	41	35	23	8	5
44	8	12	16	27	43	45	53	49	44	28	23	7	7
45	5	9	28	32	38	44	51	49	50	30	23	6	5
46	9*	12	24	28	40	48	53	49	45	37	25	13	9
47	9	6	14	28	31	45*	55*	57*	34*	37*	19*	14	6
48	* 0	0	11	29	36	45	53	55	43	28	28	7	* 0
49	19	11	19	29	40	46	58	51	39	32	20	15	11
50	18	11	13	24	35	46	55	52	38	30	20	7	7
51	12	10	23	33	35	50	57	51	35	38	17	8	8
52	10	18	14	30	40	50	49	50	44	26	22	16	10
53	23	18	20	32	45	48	56	53	42	33	24	16	16
54	5	8	23	28	39	49	57	54	46	34	25	17	5
55	9	2	21	33	42	52	64	59	48	36	15	10	2
56	16	17	20	27	35	51	54	54	37	37	18	18	16
57	-5	20	21	30	35	50	54	51	37	31	21		
MEAN	10.9	12.0	18.5	29.0	38.6	49.3	55.5	53.4	42.6	31.6	21.9	12.0	8.5
S D	7.583	5.965	5.221	3.008	3.570	3.875	3.561	3.883	4.477	3.853	3.851	4.974	5.340
TOTAL OBS	642	592	651	630	651	630	645	641	622	673	650	643	7670

NOTES * (BASED ON LESS THAN FULL MONTHS)

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

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) JAN (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
62/ 61			.1															1	1		
60/ 59		.1	.1															2	2	1	
58/ 57		1.0																9	9	3	2
56/ 55		.8	.3															10	10	11	9
54/ 53	.2	.3	.2															7	7	6	7
52/ 51	.4	.7	.1															11	11	13	8
50/ 49	.3	.8	.1															11	11	10	14
48/ 47	.2	.7	.1	.1														10	10	11	10
46/ 45	.6	.7	.2			.1												14	14	12	14
44/ 43	.4	1.4	.6	.2		.1												25	25	10	8
42/ 41	.3	2.1	.6	.2	.1													30	30	28	10
40/ 39	1.2	2.4	.8	.6														45	45	31	27
38/ 37	2.4	3.4	1.6	.8	.1													75	75	57	46
36/ 35	2.5	4.3	1.8	.8	.2													87	87	70	43
34/ 33	2.4	5.5	1.9	1.4														102	102	76	63
32/ 31	1.6	4.4	2.3	.4	.1													80	80	98	60
30/ 29	.9	4.1	3.4	1.0														85	85	66	73
28/ 27	1.0	4.0	3.4	.3														79	80	81	36
26/ 25	.2	3.2	2.0															49	49	82	56
24/ 23		2.4	1.0	.1														32	32	56	49
22/ 21	.3	2.8	.4	.2														34	34	46	48
20/ 19	.6	2.9	.4															35	35	34	36
18/ 17	.1	1.1	.8															18	18	31	67
16/ 15	.3	1.0	.1															13	13	17	60
14/ 13		2.0																18	18	16	32
12/ 11		.4																4	4	14	29
10/ 9		.6																5	5	6	28
8/ 7		.4																4	.4	6	18
6/ 5	.1	.2																3	3	3	12
4/ 3		.1																1	1	2	7
2/ 1		.1																1	1		15
0/ -1																				1	6
-2/ -3	.1																	1	1	1	2
-4/ -5	.1																	1	1	1	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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) JAN (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	Dew Point
-6/ -7																					3
-10/-11																					2
TOTAL	16.5	54.1	22.4	6.2	.6	.2												902	903	902	902

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.	5757003	70749	78.4	15.185	902							
Dry Bulb	1003815	28823	31.9	9.639	903	.2	47.8					93
Wet Bulb	896931	27055	30.0	9.737	902	.3	58.0					93
Dew Point	725098	23098	25.6	12.178	902	1.5	66.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) JAN (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
58/ 57	.3	.4	.1															8	9	3	3
56/ 55		.6	.3															8	8	4	2
54/ 53		.3	.1															4	4	7	6
52/ 51	.2	.9	.1															11	11	11	9
50/ 49	.6	1.1	.1															16	16	14	15
48/ 47	.7	.8			.2													15	15	16	14
46/ 45	.2	.7		.2														10	10	9	9
44/ 43	.7	2.1	.1	.3														29	29	16	17
42/ 41	.4	1.7	.9	.1														28	28	22	13
40/ 39	1.4	1.6	.7	.3														36	36	33	29
38/ 37	4.2	1.9	2.0	.3														76	76	62	48
36/ 35	3.0	2.5	1.3	.8	.1													70	70	53	31
34/ 33	2.7	4.5	2.1	.4														88	88	76	60
32/ 31	2.9	3.0	2.7	1.4	.1													91	91	84	63
30/ 29	1.7	3.9	3.3	.6	.1													86	86	59	62
28/ 27	1.1	4.0	2.8															71	71	94	42
26/ 25	.8	3.4	1.2	.1														50	50	80	54
24/ 23	.3	2.7	1.2															38	38	50	41
22/ 21	.7	2.9	.7															38	38	39	58
20/ 19	.2	3.3	.6															37	37	52	32
18/ 17	.4	1.9	.6															26	26	33	62
16/ 15	.2	.9	.7															16	16	17	54
14/ 13		2.1																19	19	24	45
12/ 11	.1	1.1																11	11	16	36
10/ 9	.1	.7																7	7	8	18
8/ 7		.4																4	4	6	16
6/ 5		.2																2	2	3	15
4/ 3		.4																4	4	4	14
2/ 1	.1																	1	1	3	11
0/ -1																					8
-2/ -3	.1																	1	1	1	3
-4/ -5	.1																	1	1	1	6
-6/ -7																					3
-8/ -9																					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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 46-57 (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
-10/-11																					1
-12/-13																					1
TOTAL	23.3	50.0	21.5	4.7	.6													902	903	902	902

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.	5911359	71737	79.5	15.122	902							
Dry Bulb	964838	28112	31.1	9.970	903	.2	51.8					93
Wet Bulb	869157	26501	29.4	10.025	902	.2	59.2					93
Dew Point	712018	22702	25.2	12.494	902	2.4	66.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) JAN (MONTH)

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

Temp. (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
	WET BULB TEMPERATURE DEPRESSION (F)																				
58/ 57	.1	.6																6	7	1	1
56/ 55		.7																6	7	7	2
54/ 53	.2	.3																5	5	7	11
52/ 51	.3	1.2		.1														15	15	8	7
50/ 49	.4	.9	.2															14	14	15	13
48/ 47	.3	.6	.1															9	9	10	8
46/ 45	.9	.8	.6	.1														21	21	16	16
44/ 43	.4	1.0	.6															18	18	15	14
42/ 41	1.3	1.4	.3	.1														29	29	28	16
40/ 39	2.8	2.2	.8	.6	.1													58	58	49	34
38/ 37	2.3	2.0	.7	.2														47	47	39	45
36/ 35	3.0	2.9	1.1	.2	.3													68	68	55	38
34/ 33	2.8	4.7	2.2	.3														90	90	63	60
32/ 31	2.0	3.7	2.9	1.2														88	88	80	56
30/ 29	1.7	4.4	2.2	.8														82	82	75	46
28/ 27	1.6	4.8	2.7	.1														82	82	85	46
26/ 25	.9	3.2	2.2	.1														58	58	85	51
24/ 23	.6	2.3	1.3															35	35	54	49
22/ 21	.3	3.6	.7															41	41	46	59
20/ 19	.3	3.6	.6															40	40	45	46
18/ 17	.3	1.6	.2															19	19	37	49
16/ 15	.2	1.3	.1															15	15	16	47
14/ 13		.9	.2															10	10	10	49
12/ 11		1.8	.1															17	17	15	39
10/ 9		.7																6	6	16	16
8/ 7		.7																6	6	4	13
6/ 5		.7																6	6	10	15
4/ 3		.6																5	5	3	15
2/ 1	.1	.1																2	2	3	14
0/ -1	.1																	1	1	2	8
-2/ -3																					4
-4/ -5	.1																	1	1	1	5
-6/ -7																					3
-8/ -9																					2

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) JAN (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/-11																					1
-14/-15																					1
-18/-19																					1
TOTAL	23.2	53.0	19.4	3.9	.4														902		900
																		900		900	

Element (X)	ΣX^1	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.	5943650	71862	79.8	15.127	900							
Dry Bulb	952693	27869	30.9	10.084	902	.2	53.0					93
Wet Bulb	859616	26274	29.2	10.149	900	.3	60.7					93
Dew Point	707216	22514	25.0	12.657	900	2.6	65.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) JAN (MONTH)

PAGE 1 0900-1100 (HOURS)

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			.1															1	1		
64/ 63		.1	.1															2	2	1	
62/ 61		.3																3	3	2	1
60/ 59		.3	.2		.1													6	6	4	2
58/ 57		.2	.1		.1													4	4	2	4
56/ 55	.2	.6	.2															9	9	6	4
54/ 53		.7	.1	.2	.1													10	10	6	9
52/ 51	.3	.4	.6	.2	.1													15	15	12	7
50/ 49	.1	.9	.6	.3	.3	.2	.1											23	23	13	7
48/ 47	.9	.8	.3	.4	.4	.2												28	28	21	16
46/ 45	.4	.9	1.0	.7	.3	.2												32	32	21	19
44/ 43	.8	1.6	1.8	.7	.2	.1												46	46	21	18
42/ 41	1.0	2.9	1.2	.6	.4	.1												56	56	52	21
40/ 39	1.6	1.7	1.8	1.9	.2													64	64	62	39
38/ 37	1.8	2.9	1.9	2.3	.7													86	86	49	54
36/ 35	1.9	3.7	2.8	3.0	.4													106	106	82	44
34/ 33	1.6	4.1	3.9	1.8	.1	.1												104	104	94	47
32/ 31	.7	2.3	3.3	1.7	.2													74	74	99	65
30/ 29	.4	1.6	3.7	.9	.1													60	60	84	61
28/ 27	.4	1.6	2.5	.4	.1													46	46	69	42
26/ 25	.1	.9	2.2	.6	.1													35	35	62	56
24/ 23		1.1	1.3	.2														24	24	37	52
22/ 21		1.4	1.1	.2														25	25	31	57
20/ 19		.8	.9	.1														16	16	28	48
18/ 17	.1	.8	.7															14	14	25	42
16/ 15		.2																2	2	14	38
14/ 13		.2																2	2	5	45
12/ 11		.4																4	4	2	27
10/ 9		.2																2	2	4	14
8/ 7		.1																1	1	2	14
6/ 5		.2																2	2	2	15
4/ 3		.1																1	1	1	10
2/ 1																				1	7
0/ -1																					7

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean # of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) JAN

PAGE 2 0900-1100

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	Dew Point
-2/ -3																					2
-4/ -5																					2
-6/ -7																					3
-8/ -9																					2
-10/ -11																					1
-18/ -19																					1
TOTAL	12.	33.	9	32.	3	16.	2	4.	2	1.	0	.1							903		903
																		903		903	

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.	4980392	65102	72.1	17.833	903							
Dry Bulb	1214013	32073	35.5	9.109	903		31.7					93
Wet Bulb	1036108	29440	32.6	9.197	903		48.0					93
Dew Point	786220	24168	26.8	12.431	903	1.9	62.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) JAN (MONTH)

PAGE 1 1200-1400

Temp. (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				.1														1	1		
72/ 71					.1													1	1		
70/ 69			.1															1	1		
68/ 67				.1														1.	1.	1.	
66/ 65		.1	.4	.1			.1											7	7	2	
64/ 63		.3	.1	.1	.2	.1	.1											9.	9.	1.	2
62/ 61			.1		.1	.1												3	3	8	1
60/ 59		.1	.4	.1	.2	.3	.1											12	12	2.	7
58/ 57		.3	.2	.3	.1													9	9	3	3
56/ 55		.4	.2		.6	.2	.1											14.	14.	12.	4
54/ 53	.1	.4	.3	.7	.3	.1	.1											19	19	14	12
52/ 51		.2	.8	.3	.4	.2	.2	.3										23.	23.	7.	6
50/ 49	.4	1.0	1.9	.4	.6	.3	.1											43	43	20	12
48/ 47	.1	1.1	.8	1.1	.9	.2	.1											39.	39.	35.	10
46/ 45	.4	1.3	1.1	2.1	.3	.2												50	50	40	24
44/ 43	.1	.9	1.2	1.1	1.3	.1												43.	43.	29.	26
42/ 41	.6	2.0	2.2	1.7	2.2	.2												80	80	56	44
40/ 39	.4	2.3	4.3	2.2	2.4													106.	106.	54.	24
38/ 37	.6	2.1	2.7	4.4	1.6													102	102	70	42
36/ 35	1.1	2.1	1.8	3.7	.4	.2												84.	84.	95.	50
34/ 33	1.7	2.5	2.3	2.0	.1													77	77	104	60
32/ 31	.4	.7	2.2	1.2	.4													45.	45.	100.	65
30/ 29	.1	.6	2.4	1.4	.1													42	42	69	61
28/ 27	.3	.2	1.2	.6														21.	21.	51.	49
26/ 25			1.4	1.2	.2													26	26	34	48
24/ 23		.4	1.6	.2														20.	20.	25.	50
22/ 21		.4	.4	.4														12	12	23	52
20/ 19	.3	.1																4.	4.	31.	47
18/ 17		.1	.2															3	3	5	50
16/ 15		.1	.2															3.	3.	5.	48
14/ 13		.1	.2															3	3	2	20
12/ 11																				3.	25
10/ 9																				2	8
8/ 7																					13

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 JUN 71 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
724057	PHILLIPS/ABERDEEN MO	48-57	JAN

PAGE 2 1200-1400

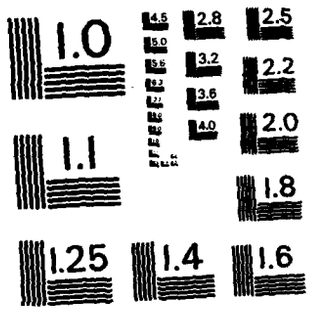
Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
6/ 5																					1
4/ 3																					1
2/ 1																					6
0/ -1																					2
-2/ -3																					2
-4/ -5																					2
-6/ -7																					1
-8/ -9																					4
-16/-17																					1
TOTAL	6.8	20.2	30.9	25.7	12.7	2.4	1.0	.3											903		903
																		903		903	

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
Rel. Hum.	4230799	59565	66.0	18.288	903						
Dry Bulb	1481577	35595	39.4	9.327	903		18.4	.4	.1		
Wet Bulb	1200754	31890	35.3	9.091	903		36.0	.1			
Dew Point	854014	25394	28.1	12.453	903	1.2	59.3				

USAFETAC FORM 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A137 577 PHILLIPS ABERDEEN MARYLAND REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBS..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 03 NOV 83 4/5

UNCLASSIFIED USAFETAC/DS-83/047 SBI-AD-E850 500 F/G 4/2 NL



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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) JAN (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
74/ 73				.1														1	1		
72/ 71					.1													1	1		
68/ 67			.2															2	2	1	
66/ 65		.1	.1	.2	.1	.2	.1											8	8	1	1
64/ 63			.4	.1	.1													6	6	3	
62/ 61		.2	.2	.1		.1												6	6	2	2
60/ 59			.2	.2		.1	.1											6	6	9	3
58/ 57		.2	.3	.1	.2		.2											10	10	3	6
56/ 55		.2	.6	.1	.2	.2		.1										13	13	10	6
54/ 53	.3	.4	1.0	1.0	.1	.2	.1	.1										30	30	9	7
52/ 51	.2	.4	.8	.3	.4	.2	.3											25	25	17	12
50/ 49	.3	.3	.6	.9	.9		.2	.1										30	30	22	15
48/ 47	.3	1.0	1.0	1.0	.2	.6												37	37	24	12
46/ 45	.4	.9	1.2	1.1	.7		.1											40	40	30	19
44/ 43	.2	1.8	1.1	1.1	.7	.1	.1											46	46	30	22
42/ 41	.4	1.3	3.1	2.3	1.1	.2												77	77	57	30
40/ 39	.8	1.2	3.0	2.1	1.1													74	74	51	36
38/ 37	.8	2.7	3.8	3.0	1.1													102	102	71	28
36/ 35	1.8	2.7	3.9	2.7	.7	.1												106	106	103	61
34/ 33	2.0	3.0	3.7	2.0	.4													100	100	114	73
32/ 31	.4	1.4	2.3	1.0	.1													48	48	91	52
30/ 29	.2	.9	1.7	.9	.1													34	34	75	71
28/ 27	.3	.4	2.1	.2														28	28	53	65
26/ 25		.3	1.7	.4														22	22	28	60
24/ 23			1.4	.6														18	18	30	58
22/ 21		.7	1.1	.1														17	17	18	51
20/ 19		.4	.2	.1														7	7	26	40
18/ 17			.2															2	2	13	30
16/ 15	.1	.2	.3															6	6	5	34
14/ 13			.1															1	1	4	25
12/ 11																				2	23
10/ 9																				1	13
8/ 7																					15
6/ 5																					12

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (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
4/ 3																					6
2/ 1																					5
-2/ -3																					2
-4/ -5																					2
-6/ -7																					3
-8/ -9																					2
-10/-11																					1
TOTAL	8.7	20.9	36.3	21.8	8.4	2.1	1.3	.3											903		903
																		903		903	

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.	4462506	61438	68.0	7.694	903							
Dry Bulb	1448140	35152	38.9	9.402	903		18.8	.9	.1			93
Wet Bulb	1187469	31711	35.1	9.049	903		35.6	.1				93
Dew Point	863892	25732	28.5	12.034	903	1.0	58.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) JAN (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
66/ 65			.1															1	1		
64/ 63		.1	.1	.2														4	4	1	
62/ 61		.1	.4															5	5	1	1
60/ 59		.1	.1				.1											3	3	4	1
58/ 57		.4																4	4	6	3
56/ 55		.9																8	8	6	7
54/ 53		.7	.6															11	11	7	9
52/ 51	.3	.4	.4		.1		.3											15	15	14	14
50/ 49	.1	.7	.6	.1	.1													14	14	7	5
48/ 47	.3	.3	.8	.8														20	20	14	11
46/ 45	.6	2.1	.9	.1	.4													37	37	17	9
44/ 43		1.4	1.1	.8	.3	.1												34	34	30	14
42/ 41	1.1	2.3	1.2	1.1	.6													57	57	38	29
40/ 39	.7	2.2	2.4	1.8		.2												66	66	43	33
38/ 37	1.3	3.7	3.2	1.3	.2													88	88	56	31
36/ 35	2.7	4.4	3.2	.8	.1													101	101	100	51
34/ 33	1.9	4.5	4.0	1.9														111	111	104	65
32/ 31	.7	2.8	4.2	.9	.2													79	79	88	72
30/ 29	.8	2.3	3.3	1.9														75	75	80	55
28/ 27	.6	2.0	1.9	.4														44	44	84	78
26/ 25		1.2	1.8	.6														32	32	56	67
24/ 23		.8	1.8															23	23	31	58
22/ 21	.1	.7	1.7															22	22	36	50
20/ 19		.9	1.4	.1														22	22	21	37
18/ 17		.8	.6															12	12	26	37
16/ 15	.3	.1	.2															6	6	20	35
14/ 13		.2	.4															6	6	3	22
12/ 11																				5	35
10/ 9			.2															2	2	2	18
8/ 7																				2	10
6/ 5		.1																1	1		22
4/ 3																				1	8
2/ 1																					5
0/ -1																					3

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) JAN (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/ -3																					2
-4/ -5																					2
-6/ -7																					3
-8/ -9																					5
TOTAL	11.4	36.3	36.7	12.7	2.1	.3	.4											903	903	903	903

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.	5103158	66174	73.3	16.773	903							
Dry Bulb	1190835	31797	35.2	8.883	903		33.4					93
Wet Bulb	1023993	29309	32.5	8.978	903		46.9					93
Dew Point	786237	24345	27.0	2.000	903	1.5	63.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) JAN (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
64/ 63			.3															3	3		
62/ 61		.1	.1															2	2		
60/ 59			.2															2	2	4	
58/ 57		1.1																10	10	3	4
56/ 55		.6	.3															8	8	11	5
54/ 53		.2	.1															3	3	6	13
52/ 51	.3	.2																5	5	8	6
50/ 49	.7	.7	.3				.2											17	17	8	11
48/ 47	.2	.7	.2			.1												11	11	9	5
46/ 45	.4	1.7	1.1															29	29	18	11
44/ 43	.3	2.0	.3	.1	.2													27	27	23	17
42/ 41	.6	1.9	.4	.8														33	33	28	21
40/ 39	1.1	3.1	2.0	.7	.1													63	63	36	33
38/ 37	2.1	4.2	2.1	1.3		.1												89	89	63	43
36/ 35	2.3	3.9	2.2	1.4	.2													91	91	77	42
34/ 33	2.4	4.2	1.2	.9	.1													80	80	97	54
32/ 31	1.3	4.4	3.4	.7														89	89	72	65
30/ 29	1.9	3.7	4.1	2.0														105	105	87	72
28/ 27	.6	3.4	2.1	1.0														64	64	79	56
26/ 25	.2	2.8	1.1	.2														39	39	83	51
24/ 23	.2	1.1	2.1	.1														32	32	53	51
22/ 21	.3	1.3	1.0	.1														25	25	33	53
20/ 19	.1	1.6	1.1	.1														26	26	28	42
18/ 17		.9	.9															16	16	26	45
16/ 15	.3	.7	.3															12	12	14	52
14/ 13	.1	.9	.1															10	10	16	23
12/ 11		.7	.2															8	8	9	38
10/ 9		.1																1	1	8	19
8/ 7																				1	18
6/ 5																					11
4/ 3																					12
2/ 1		.1																1	1	1	10
0/ -1		.1																1	1		7
-2/ -3	.1																	1	1	2	2

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 90 F	≥ 93 F	Total

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (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
-4/ -5																					4
-6/ -7																					2
-8/ -9																					2
-10/-11																					3
TOTAL	15.7	46.2	27.6	9.4	.7	.2	.2											903	903	903	903

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.	5475827	68727	76.1	16.482	903							
Dry Bulb	1073016	30010	33.2	9.159	903	.2	49.3					93
Wet Bulb	946841	28001	31.0	9.333	903	.2	52.7					93
Dew Point	749310	23510	26.0	12.339	903	2.1	65.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (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
74/ 73				.0														2	2		
72/ 71					.0													2	2		
70/ 69			.0															1	1		
68/ 67			.0	.0														3	3	2	
66/ 65		.0	.1	.0	.0	.0	.0											17	17	3	1
64/ 63		.1	.1	.1	.0	.0	.0											24	24	6	2
62/ 61		.1	.1	.0	.0	.0												20	20	13	5
60/ 59		.1	.2	.0	.0	.1	.0											31	31	24	13
58/ 57	.1	.5	.1	.1	.1		.0											60	62	24	26
56/ 55	.0	.6	.2	.0	.1	.1	.0	.0										76	77	67	39
54/ 53	.1	.4	.3	.2	.1	.0	.0	.0										89	89	64	74
52/ 51	.3	.6	.3	.1	.1	.1	.1	.0										120	120	90	69
50/ 49	.4	.8	.5	.2	.2	.1	.1	.0										168	168	106	92
48/ 47	.4	.7	.4	.4	.2	.1	.0											169	169	140	86
46/ 45	.5	1.1	.8	.5	.2	.1	.0											233	233	163	121
44/ 43	.4	1.5	.8	.5	.3	.1	.0											268	268	174	136
42/ 41	.7	2.0	1.2	.9	.6	.1												390	390	309	184
40/ 39	1.2	2.1	2.0	1.3	.5	.0												512	512	359	255
38/ 37	1.9	2.9	2.2	1.7	.5	.0												665	665	467	337
36/ 35	2.3	3.3	2.3	1.7	.3	.0												713	713	635	360
34/ 33	2.2	4.1	2.6	1.3	.1	.0												752	752	720	482
32/ 31	1.2	2.8	2.9	1.1	.2													594	594	712	498
30/ 29	1.0	2.7	3.0	1.2	.1													569	569	595	501
28/ 27	.7	2.5	2.3	.4	.0													436	436	596	414
26/ 25	.3	1.9	1.7	.4	.0													311	311	510	443
24/ 23	.1	1.4	1.4	.2														222	222	336	404
22/ 21	.2	1.7	.9	.1														214	214	274	428
20/ 19	.2	1.7	.7	.1														187	187	265	328
18/ 17	.1	.9	.5															110	110	196	382
16/ 15	.2	.6	.2															73	73	108	368
14/ 13	.0	.8	.1															69	69	80	261
12/ 11	.0	.6	.0															44	44	66	252
10/ 9	.0	.3	.0															23	23	47	134
8/ 7		.2																15	15	21	117

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) JAN (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
6/ 5	.0	.2																14	14	18	114
4/ 3		.2																11	11	11	82
2/ 1	.0	.0																5	5	8	73
0/ -1	.0	.0																2	2	3	41
-2/ -3	.0																	3	3	4	19
-4/ -5	.0																	3	3	3	25
-6/ -7																					21
-8/ -9																					18
-10/-11																					9
-12/-13																					1
-14/-15																					1
-16/-17																					1
-18/-19																					2
TOTAL	14.7	39.3	28.4	12.6	3.7	.8	.4	.1											7223		7219
																		7219		7219	

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.	41864694	535354	74.2	17.312	7219							
Dry Bulb	9328927	249431	34.5	9.953	7223	.8	299.2	.8	.2			744
Wet Bulb	8020869	230181	31.9	9.716	7219	1.0	397.1	.2				744
Dew Point	6184005	191463	26.5	12.379	7219	14.2	508.8					744

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

9477-54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) FEB (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
60/ 59		.2	.1															3	3		
58/ 57		.1																1	1	2	
56/ 55	.1	.1	.1															3	3	3	3
54/ 53			.4															3	3	2	2
52/ 51	.4		.1															4	4	4	5
50/ 49	.7	.5	.8															17	17	10	6
48/ 47	.5	1.5	.1	.2	.4													23	23	15	9
46/ 45	.5	.8		.1	.1													13	13	17	18
44/ 43	1.2	.9	1.1	.6	.5													36	36	21	26
42/ 41	1.8	3.5	2.0	.5	.4													69	69	30	19
40/ 39	.7	2.6	1.9	.2	.2	.1												49	49	54	31
38/ 37	2.8	2.7	1.2	.4	.5													64	64	65	36
36/ 35	2.8	3.7	2.2	1.3														85	85	69	49
34/ 33	1.8	3.7	4.7	.6	.1													92	92	71	65
32/ 31	2.0	4.5	2.1	.8														80	80	78	56
30/ 29	1.1	5.9	2.8	.4														86	88	90	64
28/ 27	.8	2.5	1.9															44	45	83	45
26/ 25	.9	3.8	1.2	.4														53	53	68	67
24/ 23	.2	2.2	.7	.2														29	29	38	48
22/ 21		1.7	.5															18	18	35	75
20/ 19		1.3	.5															15	15	18	43
18/ 17		1.2	.6															15	15	14	31
16/ 15		1.5	.7															19	19	14	28
14/ 13		.9	.5															12	12	20	24
12/ 11		.9																8	8	15	20
10/ 9		.5																4	4	6	8
8/ 7		.1																1	1	4	18
6/ 5																					11
4/ 3																					13
2/ 1																					11
0/ -1																					10
-2/ -3																					2
-4/ -5																					2
-6/ -7																					1

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (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
TOTAL	18.3	47.5	26.2	5.7	2.1	.1												846	849	846	846

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.	5369866	66098	78.1	15.611	846							
Dry Bulb	992523	28071	33.1	8.714	849		38.3					84
Wet Bulb	880597	26259	31	8.807	846		48.0					84
Dew Point	708056	22508	.6	11.369	846	1.5	57.3					84

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

9477-54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (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
58/ 57		.1																1	1		
56/ 55	.1	.1																2	2	2	2
54/ 53	.1																	1	1	2	1
52/ 51	.1		.2															3	3	1	2
50/ 49	.8	.8	.1															15	15	9	9
48/ 47	.9	.8		.1														16	16	18	9
46/ 45	.4	1.8	.6	.5														27	27	13	14
44/ 43	.8	1.3	1.2	.2														30	30	23	23
42/ 41	1.9	1.8	.5	.8														42	42	35	21
40/ 39	1.7	3.1	.6	.8	.4													55	55	43	27
38/ 37	2.7	3.3	1.1	.7	.2													68	68	60	38
36/ 35	3.3	3.6	1.1	.7														73	73	67	60
34/ 33	2.8	2.7	3.0	.4														75	75	72	65
32/ 31	2.0	5.8	3.0	.6														96	98	73	44
30/ 29	1.4	4.0	3.0	.4														74	74	78	69
28/ 27	.5	4.1	2.0															56	57	74	45
26/ 25	.9	3.9	1.2															51	52	75	60
24/ 23	.6	2.7	1.3	.2														41	41	41	38
22/ 21	.1	2.8	.6	.1														31	31	40	57
20/ 19	.2	.9	.8															17	18	31	51
18/ 17		1.2																10	10	18	46
16/ 15		1.5	.4															16	16	13	25
14/ 13		1.9	.6															21	21	15	29
12/ 11		.8	.2															9	9	16	22
10/ 9		.6																5	5	12	12
8/ 7		.6																5	5	6	11
6/ 5	.2	.1																3	3	5	11
4/ 3		.1																1	1	2	18
2/ 1																					15
0/ -1																					10
-2/ -3																					2
-4/ -5																					4
-6/ -7																					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 JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 STATION | PHILLIPS/ABERDEEN MD STATION NAME | 48-57 YEARS | FEB MONTH

PAGE 2 | 0300-0500 HOURS

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
TOTAL	21.8	50.7	21.3	5.6	.6													844		849	844	844

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.	5539593	67163	79.6	15.208	844							
Dry Bulb	930651	27047	31.9	9.021	849		43.6					84
Wet Bulb	836591	25413	30.1	9.203	844		49.7					84
Dew Point	684738	21896	25.9	11.765	844	2.0	57.0					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (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
60/ 59		.1																1	1		
58/ 57		.2	.1															3	3	2	1
56/ 55																				2	2
54/ 53		.4	.2	.1	.1													7	7	1	1
52/ 51	.1	.2	.1	.1														5	5	3	3
50/ 49	1.1	.5	.6	.1														19	19	14	11
48/ 47	.8	1.2	.1															18	18	15	11
46/ 45	.5	.8	.2	.1	.1													15	15	20	14
44/ 43	.2	1.4	.4	.6	.1	.1												24	24	14	13
42/ 41	1.7	1.8	1.5	.5														46	47	32	24
40/ 39	2.3	2.5	1.3	.9														59	60	39	32
38/ 37	2.1	3.3	.7	.9	.4													63	63	61	44
36/ 35	2.3	3.7	1.2	1.2														70	70	61	33
34/ 33	3.3	3.3	3.3	.6														89	89	75	67
32/ 31	3.9	3.8	3.0	.9														98	98	86	75
30/ 29	1.2	4.5	2.3	.4														70	70	79	47
28/ 27	.6	3.2	2.3															51	51	76	44
26/ 25	.7	3.4	1.2															45	45	65	46
24/ 23	.8	2.7	.6	.1														36	36	44	57
22/ 21	.1	2.1	1.1	.1														29	29	33	59
20/ 19	.4	1.9	1.5															32	32	31	48
18/ 17	.1	.6	.2															8	8	23	45
16/ 15		1.4	.2															14	16	12	35
14/ 13		1.1	.5															13	13	13	30
12/ 11		1.4																12	12	15	15
10/ 9		.5																4	4	11	5
8/ 7		.8																7	7	7	13
6/ 5		.1																1	1	4	12
4/ 3	.1	.4																4	4	3	13
2/ 1		.1																1	1	3	14
0/ -1																					12
-2/ -3																					6
-4/ -5																					4
-6/ -7																					6

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MO (STATION NAME) 48-57 (YEARS) FEB (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
-8/ -9																					1
-10/ -11																					1
TOTAL	22.3	47.5	22.6	6.8	.7	.1												844	848	844	844

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.	5435210	66402	78.7	15.821	844							
Dry Bulb	944888	27164	32.0	9.394	848		42.3					84
Wet Bulb	843300	25460	30.2	9.450	844		50.3					84
Dew Point	684582	21756	25.8	12.117	844	3.0	58.5					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) FEB (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
68/ 67			.1															1	1		
66/ 65						.1												1	1		
64/ 63					.1													1	1	1	
62/ 61		.2				.1	.1											4	4		1
60/ 59		.4	.1	.1	.1													6	6	2	
58/ 57		.2		.4	.5	.1												10	10	4	6
56/ 55	.1	.4	.2	.2	.2	.1												11	12	5	2
54/ 53	.2	.8	.2	.2	.5	.4												20	20	9	6
52/ 51	.4	.6	.6	.4	.4	.6	.1											25	25	16	8
50/ 49	.2	.7	.6	.4	.1	.5	.1											22	22	18	10
48/ 47	.2	.7	.5	1.1	.7	.4												30	30	18	13
46/ 45	.5	1.2	1.4	1.2	.1	.5												41	42	23	16
44/ 43	.9	1.9	2.1	1.4	1.3	.4												68	70	36	23
42/ 41	.9	1.7	2.6	2.4	1.2	.5												78	78	56	37
40/ 39	2.1	2.5	2.0	2.0	1.8	.2												90	90	72	37
38/ 37	2.0	2.5	1.7	2.7	.4	.2												80	80	80	46
36/ 35	1.4	1.8	3.6	3.1	.2													85	85	83	58
34/ 33	1.5	3.1	2.0	1.9	.1	.1												74	74	75	54
32/ 31	1.4	2.4	1.3	.9	.1													52	52	107	65
30/ 29	.2	1.5	1.3	1.1	.1													36	37	68	66
28/ 27	.1	.9	.5	.5	.1													18	18	46	38
26/ 25	.4	1.3	.8	.4	.1													25	25	22	52
24/ 23	.1	.8	1.8	.1														24	24	27	56
22/ 21		.1	.4															4	5	19	54
20/ 19		.2	.7	.1														9	9	16	43
18/ 17		.4	.4															6	6	9	27
16/ 15		.4	.6															8	8	5	25
14/ 13		.5	.5															8	8	9	15
12/ 11		.4																3	3	10	15
10/ 9		.4																3	3	6	9
8/ 7																				1	17
6/ 5																					14
4/ 3																					3
2/ 1																					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												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) FEB (MONTH)

PAGE ? 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																					7
-2/ -3																					6
-4/ -5																					4
-6/ -7																					3
-16/-17																					2
TOTAL	12.9	27.9	26.0	20.5	8.2	4.2	.4												849		843
																		843		843	

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.	4465132	59138	70.2	9.388	843							
Dry Bulb	1300658	32280	38.0	9.299	849		19.6	.1				84
Wet Bulb	1072295	29105	34.5	8.949	843		34.4					84
Dew Point	797146	23812	28.2	12.162	843	2.2	52.4					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) FEB (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
72/ 71				.1			.1	.1										3	3		
70/ 69			.1	.1			.2											4	4		
68/ 67							.1											1	1		
66/ 65			.2			.2	.1			.1								6	6	2	
64/ 63		.1			.5	.2		.1	.1									9	9	1	2
62/ 61		.5	.2	.4	.1		.2											12	12	3	2
60/ 59				.4	.1	.4	.1		.1									9	9	10	4
58/ 57		.1	.2	.8	.2	.1	.5											17	17	5	4
56/ 55	.4	.4	.2	.5		.9	.8	.1										28	28	12	3
54/ 53			.6	.4	.2	.5	.7											20	20	12	5
52/ 51	.1	.5	.4	.9	.4	.9	.1											28	28	13	11
50/ 49	.4	.7	1.2	1.8	1.8	.8	.1	.1										58	58	24	11
48/ 47	.1	.9	1.7	1.8	2.5	1.1												68	68	15	20
46/ 45	.5	1.2	2.1	1.3	1.1	1.5	.5											69	70	50	14
44/ 43	.2	2.1	2.0	1.4	3.4	1.1		.1										88	90	61	27
42/ 41	.8	1.2	1.7	1.8	1.9	1.7												76	76	86	33
40/ 39	1.2	1.8	2.0	1.3	1.3	.1	.1											66	66	76	44
38/ 37	1.4	2.1	1.4	2.1	.7	.2												68	68	79	56
36/ 35	.7	1.5	2.3	2.3	.5	.1												62	62	97	53
34/ 33	2.3	1.1	1.5	.5	.1													46	46	77	74
32/ 31	1.1	1.3	.7	1.[illegible]														35	35	91	63
30/ 29	.2	.9	.4	.1	.1													15	15	45	67
28/ 27		.6	1.1	.5	.1													19	19	17	50
26/ 25		.2	.4	.7														11	11	17	58
24/ 23		.2	.2	.1														5	5	13	46
22/ 21			.2	.4														5	5	11	30
20/ 19			.2	.1														3	4	6	42
18/ 17			.8															7	8	3	24
16/ 15		.5	.1															5	5	8	30
14/ 13		.1																1	1	10	13
12/ 11																					10
10/ 9																					7
8/ 7																					8
6/ 5																					8

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (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
4/ 3																					9
2/ 1																					6
0/ -1																					4
-2/ -3																					1
-4/ -5																					1
-6/ -7																					1
-10/-11																					1
-12/-13																					1
-14/-15																					1
TOTAL	9.4	18.1	22.0	20.7	15.0	10.0	3.8	.6	.2	.1									849		844
																		844		844	

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.	3838023	54253	64.3	20.393	844							
Dry Bulb	1603387	35995	42.4	9.548	849		10.7	.8				84
Wet Bulb	1255819	31741	37.6	8.583	844		22.0					84
Dew Point	874366	25294	30.0	11.747	844	1.0	47.9					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
724057	PHILLIPS/ABERDEEN MO	48-57	FEB

PAGE 1 — HOURS (L. S. T.): 1500-1700

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								.1										1	1		
72/ 71								.2										2	2		
70/ 69			.1	.1														2	2		
68/ 67					.1	.1			.1									3	3		
66/ 65			.1		.1	.1	.2			.2								7	7	2	
64/ 63				.2	.4		.1	.2										8	8	1	1
62/ 61		.1	.1	.4	.2		.2	.1	.1									11	11		2
60/ 59		.2	.1	.2	.4		.1											9	9	5	
58/ 57			.2	.4	.5		.4											12	12	8	1
56/ 55	.1	.2	.4	.1	.2	.5	.7	.4										22	22	10	6
54/ 53	.2	.4	.9	.5	.2	.7	.4	.1										29	29	12	7
52/ 51		.6	.7	1.3	.9	1.1	.1											40	40	15	6
50/ 49	.5	.4	1.8	.8	1.9	1.2												55	55	30	22
48/ 47		.8	1.4	1.4	1.7	1.4	.1											58	58	28	15
46/ 45	.4	.9	1.8	1.3	2.4	.8	.6											69	69	43	23
44/ 43	.4	1.1	1.4	2.4	2.4	1.1	.2											75	76	55	16
42/ 41	.2	1.8	1.8	2.5	.9	1.1												70	70	69	45
40/ 39	1.4	2.4	2.6	1.8	1.5	.2												84	86	84	38
38/ 37	1.7	2.2	2.1	2.0	1.1	.2												79	79	105	49
36/ 35	.7	1.1	2.5	2.1	.4	.1												58	58	80	52
34/ 33	2.1	1.4	1.4	.7														48	48	79	74
32/ 31	.6	1.3	.9	.6														29	29	85	74
30/ 29	.6	.6	.5	.5	.2													20	20	53	55
28/ 27	.4	.4	.8	.2	.1													16	17	20	63
26/ 25		.6	.2	.4														10	10	13	69
24/ 23			.6	.4														8	8	13	42
22/ 21		.1	.1	.1														3	3	8	36
20/ 19			.8	.1														8	8	7	29
18/ 17		.1	.6															6	6	3	25
16/ 15		.4																3	3	13	19
14/ 13																				4	19
12/ 11																					12
10/ 9																					12
8/ 7																					5

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) FEB (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
6/ 5																					9
4/ 3																					3
2/ 1																					9
0/ -1																					2
-8/ -9																					2
-10/-11																					1
-12/-13																					1
-14/-15																					1
TOTAL	9.2	17.0	24.1	20.5	15.6	8.6	3.2	1.2	.2	.2								845	849	845	845

Element (X)	$\Sigma_n x'$	$\Sigma_n x$	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥75 F	≥80 F	≥93 F	Total
Rel. Hum.	3895415	54761	64.8	20.264	845							
Dry Bulb	1593844	35908	42.5	9.413	849		10.3	.8	.1			84
Wet Bulb	1249224	31714	37.5	8.358	845		21.8					84
Dew Point	872069	25397	30.1	11.351	845	.7	98.5					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) FEB (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
66/ 65								.1										1	1		
64/ 63		.1																1	1		
62/ 61				.1	.2													3	3	1	
60/ 59	.2	.1	.1		.2													6	6	2	3
58/ 57		.4	.1	.1		.1	.1	.1										8	8	1	
56/ 55	.2	.2	.1		.1	.2	.1											9	9	9	3
54/ 53	.1	.5		.1	.2	.2												10	10	7	6
52/ 51	.4	.6	.2	.2	.2	.2	.1											17	17	12	7
50/ 49	.2	.4	.4	.9	.4	.5												23	23	4	11
48/ 47	.5	1.2	.7	.9	.5	.1												33	33	14	9
46/ 45	.7	1.5	1.7	1.5	.8													53	53	34	12
44/ 43	.2	2.0	1.8	2.2	.8	.1												61	61	36	16
42/ 41	1.4	2.2	2.2	3.0	.9	.1												84	84	63	42
40/ 39	1.5	1.7	2.6	1.4	.7	.5												71	71	68	33
38/ 37	1.5	2.5	3.2	2.5	.8													89	90	78	60
36/ 35	1.1	3.7	3.0	2.1	.9	.1												92	94	78	39
34/ 33	1.7	3.9	2.5	1.5	.2													83	83	105	55
32/ 31	1.3	1.9	2.0	1.3														55	55	93	83
30/ 29	1.2	2.0	1.4	.6														44	44	65	71
28/ 27	.2	1.4	1.5	.2	.1													30	30	63	77
26/ 25	.5	1.1	.5	.1	.1													19	19	29	52
24/ 23	.4	.8	.5	.1														15	15	28	54
22/ 21		.4	.4	.2														8	8	11	30
20/ 19		.4	.7	.1														10	10	12	37
18/ 17		.6	.1															6	6	5	25
16/ 15		.1	.9															9	9	12	37
14/ 13		.1	.2															3	3	6	25
12/ 11		.2																2	2	8	12
10/ 9		.1																1	1	1	5
8/ 7																				1	11
6/ 5																					7
4/ 3																					1
2/ 1																					5
0/ -1																					7

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 8 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) FEB (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/ -3																					1
-4/ -5																					4
-6/ -7																					2
-8/ -9																					2
-10/-11																					1
-12/-13																					1
TOTAL	13.4	30.0	26.8	19.5	7.4	2.2	.4	.2										846	849	846	846

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.	4621879	60543	71.6	18.500	846							
Dry Bulb	1268590	32002	37.7	8.572	849		20.0					84
Wet Bulb	1059576	29112	34.4	8.270	846		33.2					84
Dew Point	795748	24144	28.5	11.237	846	1.8	54.6					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) FEB (MONTH)

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

Temp. (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
	WET BULB TEMPERATURE DEPRESSION (F)																				
64/ 63					.1													1	1		
62/ 61				.2														2	2		
60/ 59		.1																1	1		
58/ 57		.4		.1														4	4	4	1
56/ 55		.2	.2	.2														6	6	3	3
54/ 53	.1	.2	.2			.1												6	6	3	4
52/ 51	.4	.5			.1													8	8	8	7
50/ 49	.6	.2		.4														10	10	13	9
48/ 47	.5	.5	.5	.2	.5													18	18	7	8
46/ 45	.8	2.3	.6	.8	.4													41	41	18	16
44/ 43	.7	.7	1.1	1.2	.2													33	33	28	13
42/ 41	1.3	2.5	2.6	1.2		.4												67	67	35	26
40/ 39	1.2	2.3	3.3	1.4	.1													70	70	55	24
38/ 37	2.6	3.4	2.7	1.5	.1													88	88	76	42
36/ 35	2.4	3.4	3.3	1.8	.4													95	96	92	49
34/ 33	1.8	2.8	3.8	1.2	.4													84	85	78	71
32/ 31	2.0	3.4	1.9	1.4														74	75	81	73
30/ 29	1.3	3.6	2.4	.6														66	67	84	64
28/ 27	.9	2.6	2.3	.2														51	51	79	56
26/ 25	.5	2.1	1.2	.4														35	35	54	55
24/ 23	.1	1.2	.4	.1														15	15	34	68
22/ 21		1.2	.5															14	14	22	50
20/ 19	.2	1.3	.5	.1														18	18	17	26
18/ 17	.1	.5	.7															11	11	16	33
16/ 15		1.2	.5															14	14	8	33
14/ 13		.2	.4															5	5	14	36
12/ 11		.5																4	4	9	13
10/ 9		.2																2	2	5	12
8/ 7		.1																1	1	1	14
6/ 5																					7
4/ 3																					6
2/ 1																					9
0/ -1																					5
-2/ -3																					2

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (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
-4/ -5																					2
-6/ -7																					1
-10/-11																					1
TOTAL	17.5	37.7	28.9	13.2	2.3	.5													848		844
																		844		844	

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.	5083270	64002	75.8	16.514	844							
Dry Bulb	1088368	29514	34.8	8.497	848		30.9					84
Wet Bulb	943866	27306	32.4	8.467	844		42.2					84
Dew Point	739115	23167	27.4	11.065	844	1.1	56.3					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (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
74/ 73								.0										1	1		
72/ 71				.0			.0	.0										5	5		
70/ 69			.0	.0			.0											6	6		
68/ 67			.0		.0	.0	.0		.0									5	5		
66/ 65			.0		.0	.1	.0	.0		.0								15	15	4	
64/ 63		.0		.0	.1	.0	.0	.0	.0									20	20	3	3
62/ 61		.1	.0	.1	.1	.0	.1	.0	.0									32	32	4	5
60/ 59	.0	.1	.1	.1	.1	.0	.0		.0									35	35	19	7
58/ 57		.2	.1	.2	.1	.0	.1	.0										56	56	26	13
56/ 55	.1	.2	.2	.1	.1	.2	.2	.1										81	82	46	24
54/ 53	.1	.3	.3	.2	.2	.2	.1	.0										96	96	48	32
52/ 51	.2	.4	.3	.4	.3	.4	.1											130	130	72	49
50/ 49	.6	.5	.7	.5	.5	.4	.0	.0										219	219	122	89
48/ 47	.4	1.0	.6	.7	.8	.4	.0											264	264	130	94
46/ 45	.5	1.3	1.1	.9	.6	.4	.1											328	330	218	127
44/ 43	.6	1.4	1.4	1.3	1.1	.3	.0	.0										415	420	274	162
42/ 41	1.3	2.1	1.9	1.6	.7	.5												532	533	406	247
40/ 39	1.5	2.3	2.0	1.2	.8	.1	.0											544	547	491	266
38/ 37	2.1	2.8	1.8	1.6	.5	.1												599	600	604	371
36/ 35	1.8	2.8	2.4	1.8	.3	.0												620	623	627	393
34/ 33	2.2	2.8	2.8	.9	.1	.0												591	592	632	525
32/ 31	1.8	3.0	1.9	1.0	.0													519	522	694	533
30/ 29	.9	2.9	1.7	.5	.1													411	415	562	503
28/ 27	.4	2.0	1.5	.2	.1													285	288	458	418
26/ 25	.5	2.1	.8	.3	.0													249	250	343	4.9
24/ 23	.3	1.3	.8	.2														173	173	238	409
22/ 21	.0	1.1	.5	.1														112	113	179	391
20/ 19	.1	.8	.7	.1														112	114	138	319
18/ 17	.0	.6	.4															69	70	91	256
16/ 15		.9	.4															88	90	85	232
14/ 13		.6	.3															63	63	91	191
12/ 11		.5	.0															38	38	73	119
10/ 9		.3																19	19	41	70
8/ 7		.2																14	14	20	97

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) FEB (MONTH)

PAGE 2 ALL (HOURS)

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	.0	.0																4	4	9	79
4/ 3	.0	.1																5	5	5	66
2/ 1		.0																1	1	3	74
0/ -1																					57
-2/ -3																					20
-4/ -5																					21
-6/ -7																					18
-8/ -9																					5
-10/-11																					5
-12/-13																					3
-14/-15																					2
-16/-17																					2
TOTAL	15.6	34.6	24.8	14.0	6.5	3.2	1.0	.3	.1	.0								6756	6790	6756	6756

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.	38248388	492358	72.9	18.718	6756							
Dry Bulb	9722909	247981	36.5	9.907	6790		215.7	1.7	.1			672
Wet Bulb	8141268	226110	33.5	9.217	6756		301.4					672
Dew Point	6155820	187974	27.8	11.707	6756	13.2	432.6					672

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 46-57 (YEARS) MAR (MONTH)

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

Temp. (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	Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
69/ 67			.2															2	2		
66/ 65		.1																1	1		
64/ 63		.1	.1															2	2	3	
62/ 61		.4	.1															5	5	1	3
60/ 59		.5	.1															6	6	6	4
58/ 57	.2	.8	.1	.1	.3	.1												15	15	10	8
56/ 55	.3	.5	.5	.3														[illegible]	16	[illegible]	11
54/ 53	.1	.9	.2			.1												12	12	[illegible]	8
52/ 51	.5	1.1	.8		.1													23	23	21	11
50/ 49	.6	.6	.9	.2	.2													24	24	27	14
48/ 47	.3	1.4	.8	.3	.2		.1											29	29	18	25
46/ 45	.6	2.0	1.2	.9	.4													48	48	29	21
44/ 43	.4	1.2	.8	.9	.2													32	32	30	28
42/ 41	1.6	4.1	2.9	1.2	.2													93	93	52	33
40/ 39	3.4	3.1	3.7	2.0	.3													117	117	87	53
38/ 37	2.0	2.9	2.5	1.6	.2													86	86	87	68
36/ 35	2.5	2.8	2.5	2.2	.1													93	93	101	59
34/ 33	1.1	3.1	2.4	.6														67	67	86	57
32/ 31	.6	3.0	2.2	1.5	.1													69	69	69	82
30/ 29	.2	1.8	1.7	2.6														59	59	66	50
28/ 27		2.4	1.7	.3														41	41	53	52
26/ 25	.2	2.4	1.3															36	36	58	57
24/ 23	.2	1.6	1.1	.2														29	29	48	47
22/ 21	.1	.8	.3															11	13	33	41
20/ 19		.1	.2															3	3	12	48
18/ 17	.1		.3															4	4	4	38
16/ 15	.1	.1	.1															3	3	4	24
14/ 13			.2															2	2	3	23
12/ 11																				1	29
10/ 9																				2	11
8/ 7																					7
6/ 5																					4
4/ 3																					2
2/ 1																					2

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (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
0/ -1																					3
-4/ -5																					1
-8/ -9																					1
-10/-11																					3
TOTAL	15.5	37.9	28.8	15.0	2.5	.2	.1											928	930	928	928

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.	5662781	70787	76.3	16.851	928							
Dry Bulb	1397544	35106	37.7	8.825	930		25.9	.2				93
Wet Bulb	1224282	32656	35.2	9.002	928		35.4					93
Dew Point	991706	28268	30.5	11.871	928	.8	52.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) MAR (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
66/ 65		.2	.1															3	3		
64/ 63			.2															2	2	3	
62/ 61		.1																1	1	1	3
60/ 59		.6																6	6	3	2
58/ 57	.1	.8	.1															9	9	10	8
56/ 55	.5	.4	.4		.2													15	15	10	12
54/ 53		.5	.2	.2														9	9	5	3
52/ 51	.9	1.0	.6	.2														25	25	16	16
50/ 49	.5	1.0	.1		.1													16	16	20	15
48/ 47	.2	1.0	.5	.3	.2													21	21	19	10
46/ 45	.9	2.2	1.4	.5														46	46	24	22
44/ 43	.8	1.6	1.0	.1														32	32	31	25
42/ 41	2.3	3.1	2.5	1.4														86	86	62	45
40/ 39	2.9	2.2	2.6	.3	.3													77	77	66	50
38/ 37	2.7	3.0	2.4	.9	.1													84	84	73	51
36/ 35	1.5	3.8	2.8	1.6	.4													94	94	74	54
34/ 33	1.8	5.1	2.6	.9	.1													97	97	91	49
32/ 31	.9	2.2	3.2	.5	.1													64	64	82	92
30/ 29	.6	3.0	2.8	.6														66	66	76	63
28/ 27	.2	1.2	2.4	1.0														44	44	64	46
26/ 25	.3	1.8	2.5	.3														46	46	46	51
24/ 23	.8	1.8	1.9															42	42	64	45
22/ 21	.3	1.8																20	20	37	53
20/ 19	.1	1.0	.3															13	13	34	43
18/ 17		.1	.3															4	4	6	33
16/ 15	.2	.1	.2															5	5	4	27
14/ 13			.3															3	3	5	35
12/ 11																				3	26
10/ 9																				1	16
8/ 7																					16
6/ 5																					7
4/ 3																					3
2/ 1																					1
-2/ -3																					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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) MAR (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	Dew Point
-4/ -5																					4
-6/ -7																					2
TOTAL	18.5	39.5	31.5	8.9	1.6													930	930	930	930

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.	5884291	72403	77.9	16.323	930							
Dry Bulb	1294077	33687	36.2	8.916	930		30.7					93
Wet Bulb	1150932	31582	34.0	9.189	930		42.2					93
Dew Point	944331	27459	29.5	11.991	930	.8	56.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MO (STATION NAME) 48-57 (YEARS) MAR (MONTH)

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

Temp. (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.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
66/ 65		.2	.1															3	3			
64/ 63		.1																1	1	2	1	
62/ 61		.4	.2	.1														7	7	3	1	
60/ 59		.4	.2															6	6	5	8	
58/ 57	.2	.4	.3	.1														10	10	10	4	
56/ 55	.1	.6	.1	.2														10	10	8	6	
54/ 53	.2	.6	.2	.1	.1	.1												13	13	9	14	
52/ 51	1.0	1.3	.5			.1												27	27	17	17	
50/ 49	.4	1.4	.4	.4	.1													26	26	23	12	
48/ 47	.2	1.3	.4	.8	.2													27	27	18	14	
46/ 45	1.0	1.9	1.0	1.0		.2												47	47	29	28	
44/ 43	1.0	1.3	1.2	1.3														44	44	39	33	
42/ 41	1.6	3.2	3.5	.9	.1													87	87	58	27	
40/ 39	2.9	2.3	2.7	.9	.3	.2												86	86	78	60	
38/ 37	1.8	3.3	2.0	.6	.2													75	75	78	48	
36/ 35	1.7	3.5	3.4	1.4	.9													102	102	87	57	
34/ 33	1.5	4.4	2.8	.9	.1													90	90	77	56	
32/ 31	1.7	2.0	2.4	.8	.2													66	66	90	94	
30/ 29	.4	1.7	1.7	1.2														47	47	64	75	
28/ 27	.3	2.3	2.4	.3														49	49	56	48	
26/ 25	.3	1.3	2.4	.4														41	41	54	39	
24/ 23	.2	1.3	1.2	.1														26	26	43	47	
22/ 21	.6	.9	.2															16	16	37	39	
20/ 19	.1	1.0	.1															11	11	22	35	
18/ 17		.2	.3															5	5	11	41	
16/ 15			.2															2	2	2	22	
14/ 13	.1	.1	.3															5	5	3	31	
12/ 11		.1																1	1	5	25	
10/ 9																				2	19	
8/ 7																					16	
6/ 5																					6	
4/ 3																					2	
2/ 1																					2	
0/ -1																					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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (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
-2/ -3																					2
-4/ -5																					2
-6/ -7																					1
-10/-11																					1
TOTAL	17.5	37.7	30.4	11.4	2.3	.6													930		930
																		930		930	

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.	5790365	71689	77.1	16.865	930							
Dry Bulb	1360886	34570	37.2	9.036	930		26.9					93
Wet Bulb	1201431	32301	34.7	9.253	930		38.9					93
Dew Point	981171	28033	30.1	12.107	930	.7	54.4					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) MAR (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
80/ 79					.1													1	1		
76/ 75		.1		.1														2	2		
74/ 73																				1	
72/ 71			.2	.1	.1													4	4	1	1
70/ 69																				1	
68/ 67		.1	.1		.2				.1									5	5	2	1
66/ 65		.3	.2	.2	.1	.2	.2		.1									13	13	2	4
64/ 63		.3	.1	.2	.1													7	7	5	1
62/ 61		.1	.3		.4			.1										9	9	8	5
60/ 59	.2	.8	.4	.4	.2	.1	.4	.1										25	26	6	8
58/ 57		1.1	.3	.3	.3	.1	.2											22	22	17	7
56/ 55	.3	.8	.4	.6	.4	1.1	.5											39	39	20	21
54/ 53		.2	.3	.3	1.2	.9	.3											30	30	17	12
52/ 51	.4	.4	1.0	.8	.8	1.5	.2	.1										48	49	20	11
50/ 49	1.0	.5	1.4	1.7	1.9	.6	.2											69	69	28	23
48/ 47	.5	1.2	1.1	1.7	1.4	1.1	.3											68	68	39	22
46/ 45	.5	1.7	1.4	2.0	2.3	.2	.2											78	78	61	27
44/ 43	.4	2.3	.8	2.3	1.7	.3	.2											74	74	68	31
42/ 41	.6	2.0	1.5	1.8	1.4	.3												72	72	91	38
40/ 39	1.8	1.8	1.4	2.0	1.4	.2												81	81	92	54
38/ 37	.5	1.4	1.8	1.5	.9	.1												58	58	77	56
36/ 35	1.0	1.0	1.4	1.7	1.0													56	56	83	55
34/ 33	1.8	.9	2.3	1.3	.5													63	63	81	78
32/ 31	.4	.9	1.4	.6	.3													34	34	47	77
30/ 29	.1	1.0	1.3	.5	.1													28	28	51	50
28/ 27	.2	.8	.8	.2														18	18	50	49
26/ 25		.4	.5	.1														10	10	25	60
24/ 23	.1	.2	.2	.1														6	6	15	45
22/ 21			.3	.1														4	4	10	36
20/ 19			.4															4	4	2	43
18/ 17																				5	27
16/ 15																				3	21
14/ 13																					24
12/ 11																					9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) MAR (MONTH)

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

Temp. (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
WET BULB TEMPERATURE DEPRESSION (F)																					
10/ 9																					13
8/ 7																					6
6/ 5																					3
4/ 3																					4
2/ 1																					1
0/ -1																					4
-2/ -3																					1
TOTAL	10.1	20.3	21.4	21.0	16.9	6.8	2.9	.3	.2									928	930	928	928

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.	4531623	62147	67.0	19.971	928							
Dry Bulb	1862884	40648	43.7	9.636	930		10.4	1.2	.3			93
Wet Bulb	1501132	36342	39.2	9.168	928		20.8	.5	.1			93
Dew Point	1109321	30029	32.4	12.184	928	.5	47.4	.2				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) MAR (MONTH)

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

Temp. (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
	WET BULB TEMPERATURE DEPRESSION (F)																				
84/ 83						.1												1	1		
82/ 81				.1		.1												2	2		
80/ 79				.1	.1													2	2		
78/ 77			.1			.1	.2											4	4		
76/ 75				.1		.3												4	4	2	
74/ 73			.1		.1	.1			.1	.1								5	5	2	1
72/ 71				.1		.1				.2								4	4	3	3
70/ 69				.3	.3	.3												9	9	2	1
68/ 67			.3	.3	.4	.2			.2									14	14	1	2
66/ 65		.1	.1	.2	.5	.4	.2		.2									17	17	7	1
64/ 63		.6	.4	.1	.4	.4		.4	.1									24	25	10	2
62/ 61		.4	.1	.6	.3	.4	.9	.5	.1									32	33	17	12
60/ 59			.2	.4	.5	.5	1.1	.4	.2									32	32	14	14
58/ 57		.3	.6	.3	1.0	1.3	1.2	.8										51	52	11	13
56/ 55		.9	.5	.6	.6	1.6	1.1	.3										53	53	21	4
54/ 53	.1	.9	1.0	.5	.9	1.3	1.7	.2										61	61	30	17
52/ 51	.5	.3	.2	.9	1.0	1.2	1.2	.3										52	52	32	30
50/ 49	.5	.9	.3	1.3	1.1	1.7	.9	.1										63	63	56	26
48/ 47	.2	1.0	1.4	1.5	1.3	1.1	.6											66	66	51	22
46/ 45	.6	1.2	1.3	1.8	1.0	1.1												65	65	82	28
44/ 43	.3	1.8	.9	1.4	1.8	.5	.4											67	67	70	31
42/ 41	1.5	1.5	1.0	.6	.9	.4	.1											56	56	103	45
40/ 39	1.0	1.4	1.7	1.0	1.4	.5												65	65	82	51
38/ 37	.4	1.1	1.4	1.7	1.2	.4												58	58	71	68
36/ 35	1.1	.4	1.8	1.7	.5	.1												53	53	65	63
34/ 33	.6	.8	.5	.2	.1													21	21	53	65
32/ 31	.2	.4	1.1	.1	.3													20	20	61	63
30/ 29	.5	.5	.1	.1														12	12	43	65
28/ 27		.1	.3	.4														8	8	18	43
26/ 25			.3															3	3	5	54
24/ 23				.2														2	2	7	50
22/ 21			.1															1	1	5	35
20/ 19																				1	31
18/ 17																				2	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												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) MAR (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
16/ 15																					19
14/ 13																					13
12/ 11																					12
10/ 9																					9
8/ 7																					3
6/ 5																					3
4/ 3																					5
2/ 1																					1
-2/ -3																					1
TOTAL	7.8	14.7	16.1	17.0	15.9	14.6	9.6	3.1	1.0	.3									930		927
																		927		927	

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.	3925381	56991	61.5	21.338	927							
Dry Bulb	2267174	44870	48.2	10.495	930		4.6	4.5	1.8	.4		93
Wet Bulb	1731167	39115	42.2	9.335	927		14.2	1.0	.4			93
Dew Point	1218701	31585	34.1	12.406	927	.1	42.9	.7	.1			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) MAR (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
84/ 81						.2												2	2		
80/ 79				.1	.2													3	3		
78/ 77				.1		.1												2	2		
76/ 75				.1	.3	.2												6	6	1	
74/ 73				.2				.1										3	3	2	
72/ 71					.1													1	1	3	1
70/ 69			.2	.2	.1	.4	.3	.1	.1									14	14	1	4
68/ 67			.1		.8	.1	.4		.3									16	16	7	1
66/ 65		.1	.2	.6	.9	.4	.2	.2										25	25	4	4
64/ 63		.3	.9	.5	.1	.2	.1	.5										25	25	6	6
62/ 61		.3	.2	.6	.5	.4	1.2	.5	.1									37	37	10	3
60/ 59		.8	.5	.6	.5	1.0	.9	.6	.1									47	47	29	12
58/ 57		.1	.2	.4	.4	1.2	1.5	.4	.1									41	41	25	17
56/ 55	.1	.2	.3	.4	.5	1.6	1.1	.5										45	45	21	13
54/ 53	.3	.3	.5	.8	1.0	1.1	1.2	.3										51	51	22	21
52/ 51	.2	.5	.6	.6	1.1	1.6	1.5	.6										64	64	37	20
50/ 49	.3	1.0	.6	1.6	1.2	.8		.3										54	54	48	21
48/ 47	.1	.8	.9	.9	2.2	.9	.1											53	53	55	24
46/ 45	.2	1.4	1.2	2.0	1.5	1.0	.2	.2										72	72	70	29
44/ 43	.3	1.6	1.9	1.8	1.4	1.1	.3											79	79	79	30
42/ 41	1.3	2.3	1.2	.6	1.1	.2	.1											63	63	90	43
40/ 39	1.6	1.4	1.5	1.7	1.2	.5	.1											75	75	113	69
38/ 37	.6	1.6	.9	1.6	1.0	.3												56	56	68	75
36/ 35	.8	1.1	.4	1.6	.6													42	42	65	60
34/ 33	.3	.9	.9	.5	.3													27	27	57	82
32/ 31		.3	.2	.2	.1													8	8	44	60
30/ 29	.2	.3	.4	.3	.3													15	15	39	58
28/ 27				.1														1	1	17	36
26/ 25			.1															1	1	7	52
24/ 23				.1														1	1	5	36
22/ 21			.1															1	1	3	32
20/ 19																					30
18/ 17																				2	22
16/ 15																					24

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (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	Dew Point
14/ 13																					14
12/ 11																					10
10/ 9																					5
8/ 7																					5
6/ 5																					5
4/ 3																					1
2/ 1																					2
0/ -1																					1
-2/ -3																					2
TOTAL	6.5	15.3	14.2	18.7	17.4	13.3	9.2	4.6	.8										930		930
																		930		930	

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.	3881222	56834	61.1	20.956	930							
Dry Bulb	2308734	45326	48.7	10.357	930		2.7	4.7	1.6	.3		93
Wet Bulb	1767987	39633	42.6	9.221	930		11.7	1.4	.3			93
Dew Point	1245056	32026	34.4	12.372	930	.3	39.5	.6				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) MAR (MONTH)

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

Temp. (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	1		
74/ 73				.1														1	1		
72/ 71			.2		.3													5	5		
70/ 69			.1	.1	.1	.1												4	4	1	
68/ 67																				3	
66/ 65			.1	.1		.1												3	3	3	4
64/ 63			.2	.3		.2												7	7	2	1
62/ 61		.1	.2	.4	.4	.3												14	14	3	2
60/ 59	.2	.9	1.0	.6	.5	.8	.1											38	38	9	6
58/ 57	.1	.8	1.0	.2	.2	.5	.2	.2										30	30	21	12
56/ 55		.6	.5	.8	.8	.5	.2											32	32	20	10
54/ 53	.2	.4	1.1	.3	.9	.2	.9											37	37	26	18
52/ 51	.6	.2	.4	.8	1.4	.4	.2											38	38	26	26
50/ 49	.2	.4	1.0	1.4	1.3	1.1												50	50	25	11
48/ 47	.4	1.2	.8	2.3	1.5	1.3	.2											71	71	37	27
46/ 45	.3	1.3	1.6	2.6	1.0	.8												70	70	46	24
44/ 43	.3	1.9	1.4	2.7	1.5	.3												76	76	60	25
42/ 41	1.5	2.4	2.8	1.7	.9	.2												88	88	94	44
40/ 39	1.9	1.8	2.2	2.4	.8	.5	.1											90	90	108	67
38/ 37	1.6	1.8	1.0	1.7	.4	.1												62	62	100	62
36/ 35	.9	1.3	1.7	2.6	.6													66	66	80	73
34/ 33	.4	1.9	2.5	1.6	.4													64	64	57	70
32/ 31		1.0	1.2	.4	.5													29	29	58	65
30/ 29	.4	.5	1.0	1.0														27	29	62	64
28/ 27	.1	.6	.2	.6														15	15	45	51
26/ 25		.1	.4															5	5	19	48
24/ 23		.1																1	1	12	52
22/ 21																				7	48
20/ 19			.3															3	3		33
18/ 17			.1															1	1	1	16
16/ 15																				2	14
14/ 13																				1	13
12/ 11																					10
10/ 9																					11

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) MAR (MONTH)

PAGE 2 1600-2000

Temp. (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																					14
6/ 5																					3
2/ 1																					1
0/ -1																					2
-8/ -9																					1
TOTAL	9.4	19.5	23.0	24.8	13.7	7.5	1.9	.2											930		928
																		928		928	

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.	4597159	62873	67.8	19.079	928							
Dry Bulb	1863940	40736	43.8	9.257	930		8.3	1.1	.2			93
Wet Bulb	1513992	36592	39.4	8.760	928		20.7	.4				93
Dew Point	1129706	30540	32.9	11.596	928	.3	44.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) MAR (MONTH)

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

Temp. (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
	WET BULB TEMPERATURE DEPRESSION (F)																				
68/ 67			.1	.1														2	2		
66/ 65		.2	.3	.2														7	7	1	
64/ 63			.2															2	2	2	1
62/ 61		.1	.1		.2													4	4	5	2
60/ 59		.3	.1	.2	.3	.2												11	11	5	4
58/ 57	.4	1.2	.5	.2	.1	.2												25	25	11	14
56/ 55	.3	.9	.2	.6														18	18	14	10
54/ 53	.2	1.2	1.0	.3	.2		.2											29	29	21	15
52/ 51	.6	.4	.6	.4	.1	.1												22	22	20	13
50/ 49	.1	.8	1.0	.8	.6	.5												35	35	26	12
48/ 47	.5	1.4	.8	.6	1.0	.3												43	43	27	28
46/ 45	.6	.9	1.7	2.2	.9	.2	.1											61	61	31	24
44/ 43	.1	.9	2.3	1.7	.2	.1	.1											50	50	23	21
42/ 41	.8	4.1	3.5	2.4	.5	.2												106	106	73	31
40/ 39	3.6	2.5	2.7	3.0	1.1													119	119	123	60
38/ 37	1.6	1.7	2.2	1.8	.4													72	72	93	72
36/ 35	2.2	3.6	2.7	1.2	.3													92	92	85	66
34/ 33	.4	1.2	2.8	1.7	.2													59	59	79	79
32/ 31	.4	2.0	1.6	1.8	.4													59	59	78	57
30/ 29		2.2	1.2	.9														39	39	53	53
28/ 27	.1	1.8	.9	.8														33	35	56	53
26/ 25	.3	1.0	.9	.1														21	22	43	65
24/ 23	.1	.5	.3	.1														10	10	33	48
22/ 21	.1																	1	1	13	53
20/ 19		.2		.1														3	3	6	30
18/ 17	.1		.1	.1														3	3	2	35
16/ 15			.1															1	1	1	20
14/ 13																				2	14
12/ 11																				1	12
10/ 9																					15
8/ 7																					10
6/ 5																					4
4/ 3																					2
-4/ -5																					1

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (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
-8/ -9																					3
TOTAL	12.7	28.9	27.8	21.5	6.7	1.9	.4												930		927
																		927		927	

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.	5245396	67726	73.1	17.921	927							
Dry Bulb	1578657	37433	40.3	8.801	930		17.3	.2				93
Wet Bulb	1340722	34308	37.0	8.756	927		28.9					93
Dew Point	1052915	29341	31.7	11.582	927	.4	47.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) MAR (MONTH)

PAGE 1 ALL (HOURS)

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												3	3		
82/ 81				.0		.0												2	2		
80/ 79				.0	.1													6	6		
78/ 77			.0	.0		.0	.0											6	6		
76/ 75		.0		.0	.1	.1												13	13	3	
74/ 73			.0	.0	.0	.0		.0	.0	.0								9	9	5	1
72/ 71			.1	.0	.1	.0				.0								14	14	7	5
70/ 69			.0	.1	.1	.1	.0	.0	.0									27	27	5	5
68/ 67		.0	.1	.1	.2	.0	.1		.1									39	39	13	4
66/ 65		.2	.1	.2	.2	.1	.1	.0	.0									72	72	17	13
64/ 63		.2	.3	.1	.1	.1	.0	.1	.0									70	71	33	12
62/ 61		.3	.2	.2	.2	.1	.3	.1	.0									109	110	48	31
60/ 59	.1	.5	.3	.3	.3	.3	.3	.1	.0									171	172	77	58
58/ 57	.1	.7	.4	.2	.3	.4	.4	.2	.0									203	204	115	83
56/ 55	.2	.6	.4	.5	.3	.6	.4	.1										228	228	122	67
54/ 53	.1	.6	.6	.3	.5	.5	.5	.1										242	242	139	108
52/ 51	.6	.7	.6	.5	.6	.6	.4	.1										299	300	189	144
50/ 49	.5	.8	.7	.9	.8	.6	.1	.1										337	337	253	134
48/ 47	.3	1.1	.8	1.1	1.0	.6	.2											378	378	264	172
46/ 45	.6	1.6	1.3	1.6	.9	.4	.1	.0										487	487	372	203
44/ 43	.5	1.6	1.3	1.5	.9	.3	.1											454	454	400	224
42/ 41	1.4	2.8	2.4	1.3	.6	.2	.0											651	651	623	306
40/ 39	2.4	2.1	2.3	1.7	.8	.3	.0											710	710	749	464
38/ 37	1.4	2.1	1.8	1.4	.6	.1												551	551	647	500
36/ 35	1.4	2.2	2.1	1.8	.6	.0												598	598	640	487
34/ 33	1.0	2.3	2.1	1.0	.2													488	488	581	536
32/ 31	.5	1.5	1.7	.8	.3													349	349	529	590
30/ 29	.3	1.4	1.3	.9	.1													293	295	454	478
28/ 27	.1	1.1	1.1	.5														209	211	359	374
26/ 25	.1	.9	1.1	.1														163	164	257	426
24/ 23	.2	.7	.6	.1														117	117	227	370
22/ 21	.1	.4	.1	.0														54	56	145	337
20/ 19	.0	.3	.2	.0														37	37	77	293
18/ 17	.0	.0	.1	.0														17	17	33	233

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 46-57 (YEARS) MAR (MONTH)

PAGE 2 ALL (HOURS G.M.T.)

Temp. (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	.0	.1															11	11	16	171
14/ 13	.0	.0	.1															10	10	14	167
12/ 11		.0																1	1	10	133
10/ 9																				5	99
8/ 7																					77
6/ 5																					35
4/ 3																					19
2/ 1																					10
0/ -1																					11
-2/ -3																					8
-4/ -5																					8
-6/ -7																					3
-8/ -9																					5
-10/ -11																					4
TOTAL	12.3	26.7	24.2	17.3	9.6	5.6	3.0	1.0	.2	.0								7428	7440	7428	7428

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.	39518218	521450	70.2	19.801	7428							
Dry Bulb	13933896	312376	42.0	10.489	7440		126.8	11.9	3.9	.7		744
Wet Bulb	11431645	282529	38.0	9.607	7428		212.9	3.3	.8			744
Dew Point	8672907	237281	31.9	12.132	7428	3.9	385.7	1.5	.1			744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) APR (MONTH)

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

Temp. (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
	WET BULB TEMPERATURE DEPRESSION (F)																				
70/ 69				.1														1	1		
68/ 67		.2	.8	.2														11	11		
66/ 65		.2	.7	.3														11	11	3	
64/ 63		.2	.6	.2		.2												11	11	10	5
62/ 61		1.4	1.1	.3	.3		.1											30	30	12	7
60/ 59	.1	2.6	1.0	.2	.2	.3												40	40	27	21
58/ 57	.3	2.9	1.0	.7	.3	.2												49	49	42	31
56/ 55	.9	2.7	.9	.9	.4	.1												53	53	44	42
54/ 53	.2	1.7	1.7	.9	.6													45	45	39	38
52/ 51	.2	4.1	2.3	.2	.3	.1												66	66	48	32
50/ 49	1.3	3.8	2.8	1.6	.6		.1											91	91	73	50
48/ 47	1.0	3.9	1.6	1.3	.4	.2	.3											79	79	77	61
46/ 45	.3	4.3	2.8	2.2	.1	.2												90	90	81	58
44/ 43	.1	3.1	2.3	1.2	.1													62	62	63	62
42/ 41	.9	1.8	3.0	.4	.1													56	56	78	78
40/ 39	.2	3.0	2.8	.8														61	61	66	44
38/ 37	.3	1.9	2.1	.6														44	44	62	64
36/ 35	1.2	2.1	2.3	.3	.1													55	55	61	58
34/ 33	.3	.6	1.4		.1													22	22	46	69
32/ 31		.4	.3		.2													9	9	30	50
30/ 29		.1	.7															7	7	19	32
28/ 27		.2	.3															5	5	4	24
26/ 25			.2															2	2	6	21
24/ 23																				5	20
22/ 21																				2	12
20/ 19																					6
18/ 17																					2
16/ 15																					6
14/ 13																					4
8/ 7																					1
6/ 5																					1
4/ 3																					1
TOTAL	7.6	41.2	32.7	12.6	4.0	1.4	.6											900	900	900	900

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.	5828492	71534	79.3	13.935	900							
Dry Bulb	2103820	42828	47.6	8.554	900		2.3	1.2				90
Wet Bulb	1861777	40197	44.7	8.597	900		6.6					90
Dew Point	1620369	37025	41.1	10.398	900		18.0					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) APR (MONTH)

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

Temp. (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
	WET BULB TEMPERATURE DEPRESSION (F)																				
68/ 67				.1	.1													2	2		
66/ 65			.3	.2	.1													6	6		
64/ 63		.4	.6	.3	.1													13	13	1	
62/ 61		1.2	.2	.1	.1	.1												16	16	10	3
60/ 59	.3	1.4	.9															24	24	22	15
58/ 57	.4	2.8	.4	.6	.3		.1											42	42	31	29
56/ 55	1.1	2.3	1.3	.6		.1	.2											51	51	45	39
54/ 53	1.1	3.0	.7	1.1	.2	.1												56	56	43	42
52/ 51	1.4	2.9	1.6	.9	.4													65	65	54	46
50/ 49	.6	4.1	1.9	.7	.2	.3												70	70	46	35
48/ 47	1.1	4.6	1.9	1.1	.3													81	81	73	44
46/ 45	.7	4.8	2.4	1.6	.2													87	87	78	56
44/ 43	.3	4.2	2.6	.9		.1												73	73	75	64
42/ 41	.3	2.7	1.8	1.0	.1													53	53	81	76
40/ 39	1.1	2.7	2.7	.6	.2													65	65	67	61
38/ 37	.7	2.1	1.7	.7														46	46	60	63
36/ 35	1.2	3.7	1.9	.3	.1													65	65	65	52
34/ 33	.3	1.7	1.1	.1	.1													30	30	53	54
32/ 31	.4	1.2	1.4															28	28	38	61
30/ 29	.1	.6	.9		.2													16	16	23	51
28/ 27		.3	.1	.1	.1													6	6	16	32
26/ 25		.1	.3															4	4	10	15
24/ 23			.1															1	1	2	18
22/ 21																				7	21
20/ 19																					7
18/ 17																					3
16/ 15																					2
14/ 13																					3
12/ 11																					2
10/ 9																					3
2/ 1																					1
-2/ -3																					2
TOTAL	11.3	46.8	26.8	10.9	3.1	.8	.3											900	900	900	900

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.	6125642	73206	81.3	13.794	900							
Dry Bulb	1957392	41264	45.8	8.535	900		5.5	.2				90
Wet Bulb	1758512	39016	43.4	8.641	900		9.6					90
Dew Point	1549717	36141	40.2	10.463	900	.2	22.1					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) APR (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
74/ 73							.1			.1								2	2		
72/ 71			.2			.1			.1									4	4		
70/ 69			.2	.2	.2													6	6		
68/ 67			.1	.2	.2	.1	.1											7	7	2	
66/ 65		.6	.6	.3	.1	.3	.1											18	18	2	1
64/ 63		.7	.4	.6	.3	.2												20	20	12	3
62/ 61		.9	.6	.4	.4	.2												23	23	18	12
60/ 59	.3	.9	1.0	.7	.6	.2		.1										34	34	22	18
58/ 57	.3	1.9	.8	.6	.4	.2	.1											39	39	27	21
56/ 55	1.3	2.1	1.4	.8	.3	.1	.1											56	56	56	38
54/ 53	1.2	2.3	1.6	1.6	.8	.3												70	70	49	46
52/ 51	1.1	1.8	3.0	1.2	.7	.1												71	71	54	40
50/ 49	.4	3.8	2.4	1.2	1.1													81	81	47	35
48/ 47	.7	5.0	2.2	1.8	.6	.1												93	93	97	64
46/ 45	1.0	3.9	1.8	2.9		.2												88	88	98	66
44/ 43	.3	3.0	2.4	1.4	.3													68	68	71	88
42/ 41	.2	2.7	3.0	1.2	.4													68	68	77	69
40/ 39	.7	1.3	1.9	1.3	.2	.1												50	50	77	60
38/ 37	.1	.9	2.0	.4	.1													32	32	50	55
36/ 35	.3	1.7	1.0	.4														31	31	45	44
34/ 33	.2	.4	1.1	.1														17	17	46	53
32/ 31	.2	.3	.4	.2														11	11	20	58
30/ 29		.1	.3		.1													5	5	13	30
28/ 27		.1	.2	.1														4	4	7	35
26/ 25			.2															2	2	5	19
24/ 23																				3	14
22/ 21																				2	17
20/ 19																					2
18/ 17																					3
16/ 15																					1
14/ 13																					4
12/ 11																					2
4/ 3																					1
2/ 1																					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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (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
TOTAL	8.6	34.3	29.0	17.8	7.0	2.4	.6	.1	.1	.1								900	900	900	900

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.	5576506	69512	77.2	15.200	900							
Dry Bulb	2188020	43710	48.6	8.514	900		2.2	1.9	.2			90
Wet Bulb	1902488	40696	45.2	8.325	900		5.0	.2				90
Dew Point	1628524	37180	41.3	10.148	900		18.7					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 46-57 (YEARS) APR (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.	Dry Bulb	TOTAL Wet Bulb	Dew Point
86/ 85							.1											1	1		
82/ 81						.1	.1											2	2		
80/ 79					.1	.3		.1	.1									6	6		
78/ 77					.2	.2		.2			.1							7	7		
76/ 75				.6	.7		.1	.1		.1								14	14		
74/ 73				.1	.2	.3	.3	.3	.7		.2							20	20	1	
72/ 71			.3	.4	.4	.6		.2	.4	.1								23	23	4	
70/ 69		.1	.8	.6	.4	.6	.3	.3	.2	.1								31	32	12	
68/ 67		.3	.2	.4	.7	.6	.3	.3	.1									27	27	12	6
66/ 65		.3	.4	.6	.4	.4	.6	.3	.1									29	29	18	14
64/ 63		.3	.8	.9	.7	.7	.2	.4		.2								38	38	24	18
62/ 61	.1	.4	.2	1.0	1.1	.6	.6	.2	.1									39	39	24	16
60/ 59		.4	.9	1.0	.9	1.0	.9	.1										47	47	33	17
58/ 57	.4	1.[illegible]	.7	1.4	1.6	1.0	.4	.2										67	67	49	28
56/ 55	.4	2.0	1.3	2.6	1.7	1.0	.3	.1										85	85	56	39
54/ 53	.1	1.9	2.1	1.2	1.6	.9	.6											75	75	59	38
52/ 51	.2	1.9	2.4	1.4	1.9	1.2	.3											85	85	65	46
50/ 49	.3	2.1	2.8	2.4	2.3	.8												97	97	108	44
48/ 47	.7	3.0	1.0	1.8	1.8	.2		.1										77	77	90	77
46/ 45		.8	.6	2.2	1.3		.1											45	45	96	72
44/ 43		.7	.8	1.0	.8	.2												31	31	56	72
42/ 41	.2	.2	.6	1.6	.2													25	25	65	56
40/ 39	.1	.1	.3	.7	.2													13	13	53	47
38/ 37	.1	.3	.2	.2	.1	.1												10	10	30	52
36/ 35	.1			.1	.1													3	3	30	50
34/ 33			.1		.1													2	2	4	52
32/ 31																				4	41
30/ 29																				3	42
28/ 27																				2	32
26/ 25																				1	19
24/ 23																					8
22/ 21																					2
20/ 19																					2
18/ 17																					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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 — STATION
PHILLIPS/ABERDEEN MD — STATION NAME
48-57 — YEARS
APR — 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. Dry Bulb	TOTAL Wet Bulb	Dew Point
16/ 15																				1
14/ 13																				1
12/ 11																				4
10/ 9																				1
TOTAL	2.9	16.7	16.6	22.2	19.6	10.8	5.3	3.2	1.8	.6	.3							900		899
																		899	899	

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.	4173431	59071	65.7	18.033	899							
Dry Bulb	2845194	49912	55.5	9.266	900			13.2	5.0	.6		90
Wet Bulb	2257639	44433	49.4	8.278	899		1.0	2.9	.1			90
Dew Point	1776159	38811	43.2	10.586	899		15.5	.6				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) APR (MONTH)

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

Temp. (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
	WET BULB TEMPERATURE DEPRESSION (F)																				
88/ 87									.3									3	3		
86/ 85							.4	.2										6	6		
84/ 83							.1	.2		.1		.2						6	6		
82/ 81						.1	.3	.1	.1	.1		.2						9	9		
80/ 79			.1			.2	.1		.3		.1							8	8		
78/ 77				.1	.1	.1	.9	.8		.2	.1	.1						22	22		
76/ 75			.3	.2	.1	.8	.9	.3	.4	.9		.2						37	37	1	
74/ 73			.1	.3	.1	.1	.8	.4	.8	.3	.1							28	28	7	1
72/ 71				.7	.2	.7	.4	.4	.2	.2	.3							29	29	10	2
70/ 69		.1	.1	.4	.8	1.1	.4	.2	.3	.3								35	35	8	2
68/ 67	.1	.1	.2	.8	.6	.4	.4	.4	.2	.1								31	31	10	9
66/ 65		.7	.7	.6	.4	.6	.8	.7	.6	.1								45	45	34	9
64/ 63		.4	.3	.8	1.0	1.1	.8	.9	.4									52	52	35	14
62/ 61		.3	.3	1.6	.8	1.2	.9	.4	.2									52	52	41	20
60/ 59	.4	.9	1.1	1.2	.9	.9	1.1	.7	.1									66	66	48	37
58/ 57	.4	1.2	1.1	1.7	1.1	2.3	1.1	.6										86	86	57	2
56/ 55	.2	1.0	1.3	1.2	1.7	1.3	1.4	.7										80	80	70	46
54/ 53	.4	1.1	.8	1.7	1.0	1.0	.6											59	59	69	53
52/ 51	.2	3.0	.6	1.1	2.0	1.2	.6											78	78	78	46
50/ 49	.4	1.1	2.0	1.1	1.7	.6												62	62	87	66
48/ 47		.8	.8	1.2	1.6													39	39	98	50
46/ 45		.7	.7	1.1	.4	.1												27	27	62	55
44/ 43	.1	1.0		.7														16	16	71	59
42/ 41		.2	.2	.2	.1	.2	.1											10	10	56	72
40/ 39		.3		.3		.3												9	9	29	40
38/ 37	.1	.2	.2															5	5	13	55
36/ 35																				8	59
34/ 33																				2	40
32/ 31																				4	47
30/ 29																				2	40
28/ 27																					22
26/ 25																					14
24/ 23																					4
22/ 21																					3

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) APR (MONTH)

PAGE 2 1200-1400 (HOURS)

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	Dew Point
18/ 17																					1
16/ 15																					1
12/ 11																					3
8/ 7																					2
TOTAL	2.6	13.2	10.9	17.0	14.6	14.4	12.2	7.1	4.1	2.4	.7	.8							900		900
																		900		900	

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.	3616447	54251	60.3	19.625	900							
Dry Bulb	3276383	53545	59.5	10.047	900			21.4	11.9	2.9		90
Wet Bulb	2475942	46614	51.8	8.281	900		.6	3.6	.8			90
Dew Point	1870335	39875	44.3	10.738	900		13.7	1.4	.1			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 46-57 (YEARS) APR (MONTH)

PAGE 1 1500-1700 (HOURS)

Temp. (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.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87								.1	.4	.1								6	6			
86/ 85								.1	.1									2	2			
84/ 83								.1				.1	.1					3	3			
82/ 81						.1	.3	.2	.1	.1								8	8			
80/ 79				.2		.1	.1	.2	.2	.2								10	10			
78/ 77						.2	.9	.6	.3	.2	.1	.3						24	24			
76/ 75				.2	.6	.7	.3	.8	.3	.7	.1	.1						34	34			
74/ 73			.4	.1	.7	.4	.3	.4	.2		.2							26	26	4		
72/ 71			.1	.6	.9	.4	1.1	.1	.2	.7	.6							42	42	7	1	
70/ 69			.2	.7	.6	1.1	.4	.1	.2									30	30	15	2	
68/ 67			.2	.4	1.1	1.1	.4	.4	.2	.1								37	37	13	7	
66/ 65		.1	.2	.2	.4	.6	.4	1.2	.8	.1								37	37	32	6	
64/ 63		.4	.6	1.8	.8	2.0	1.1	.4	.8									71	71	36	18	
62/ 61	.1	.3	.7	2.1	1.4	.6	1.1	.9	.3	.2								70	70	37	24	
60/ 59	.3	.3	.7	1.0	.9	1.1	1.0	.6										53	53	54	36	
58/ 57	.6	.8	.8	1.1	1.8	1.7	1.7	.9	.1									84	84	61	33	
56/ 55	.3	1.6	1.9	1.8	2.2	1.4	.7											89	89	64	33	
54/ 53	.1	.9	.9	1.2	.4	.7	.9	.1										51	51	80	63	
52/ 51	.3	2.4	.9	.2	2.4	1.0	.4											70	70	82	56	
50/ 49		1.1	1.1	1.6	1.0	.7	.1											50	50	95	56	
48/ 47		.7	.7	1.3	1.2	.3												38	38	85	60	
46/ 45		.6	.9	.8	.2	.1												23	23	58	47	
44/ 43		1.3		.4	.1	.1												18	18	72	61	
42/ 41	.1	.6	.2	.1		.1	.1											11	11	51	66	
40/ 39		.2	.3		.1	.2	.1											9	9	30	43	
38/ 37	.1	.2	.1															4	4	10	57	
36/ 35																				7	50	
34/ 33																				1	57	
32/ 31																				5	33	
30/ 29																				1	43	
28/ 27																					17	
26/ 25																					10	
24/ 23																					11	
22/ 21																					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 0-26-3 (OL A) (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) APR (MONTH)

PAGE 2 1500-1700 (HOUR)

Temp. (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
18/ 17																					2
16/ 15																					2
10/ 9																					1
6/ 5																					1
4/ 3																					1
TOTAL	2.0	11.6	10.9	15.9	17.3	14.8	11.7	7.3	4.4	2.4	1.0	.6	.1						900		900
																		900		900	

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.	3527189	53585	59.5	19.356	900							
Dry Bulb	3318136	53916	59.9	9.905	900			22.2	11.3	2.2		90
Wet Bulb	2493166	46800	52.0	8.140	900		.6	3.9	.4			90
Dew Point	1873457	39925	44.4	10.669	900		12.4	1.0				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 46-57 (YEARS) APR (MONTH)

PAGE 1 1[illegible]-2000

Temp. (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.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																					
84/ 83									.1									1	1			
82/ 79						.2	.1											3	3			
78/ 77					.1	.2	.1				.1							5	5			
76/ 75					.2	.4	.4						.1					11	11			
74/ 73					.2	.3	.1	.1	.2									9	9			
72/ 71			.1	.2	.4	.3	.2	.1	.1	.2	.1							17	17			
70/ 69			.3	.4	.6	.9		.2	.1	.1								24	24	4		
68/ 67			.4	.4	1.0	.2	.2	.4		.1								26	26	6		
66/ 65		.2	.9	1.2	1.0	.2	.3	.3	.1									39	39	17	2	
64/ 63		.3	.6	.7	1.2	.3	.4	.1	.1									34	34	21	8	
62/ 61		1.4	.3	1.0	.6	1.2	.8	.4										52	52	31	19	
60/ 59	.2	1.6	1.4	1.0	1.1	1.2	1.1	.2										71	71	53	33	
58/ 57	.7	2.0	.6	1.1	1.3	.8	.2	.3										63	63	58	40	
56/ 55	.3	2.1	1.2	1.3	1.6	1.1		.1	.1									71	71	46	44	
54/ 53	.3	1.1	1.7	1.9	1.7	1.1	.2		.1									73	73	59	6[illegible]	
52/ 51	.1	1.6	2.3	1.9	1.7	1.0	.1											78	78	61	3[illegible]	
50/ 49	.3	3.2	1.7	2.1	2.2	.9												94	94	90	47	
48/ 47	.3	2.2	1.2	2.1	1.4	.1												67	67	93	49	
46/ 45	.1	1.7	1.3	1.8	1.6	.3												61	61	87	62	
44/ 43		.9	1.7	1.2	.6													39	39	75	71	
42/ 41		.9	.8	.7	.3	.1												25	25	68	62	
40/ 39	.9	.3	.2	.2	.1													16	16	65	60	
38/ 37		.4	.3	.3	.3	.1												14	14	31	67	
36/ 35		.1	.2			.2												5	5	18	57	
34/ 33			.1															1	1	5	57	
32/ 31			.1															1	1	6	36	
30/ 29																				3	35	
28/ 27																				2	26	
26/ 25																				1	10	
24/ 23																					7	
22/ 21																					4	
20/ 19																					2	
18/ 17																					2	
16/ 15																					3	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature

≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) APR (MONTH)

PAGE 2 1800-2000 (HOURS)

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. Dry Bulb	TOTAL Wet Bulb Dew Point
14/ 13																			2
6/ 5																			2
2/ 1																			1
TOTAL	3.3	20.1	17.6	19.7	19.2	11.4	4.4	2.4	1.0	.4	.2		.1					900	900
																		900	900

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.
Rel. Hum.	4381858	60698	67.4	17.906	900
Dry Bulb	2765340	49244	54.7	8.882	900
Wet Bulb	2226238	44182	49.1	7.983	900
Dew Point	1774549	38887	43.2	10.243	900

Mean No. of Hours with Temperature	≤0 F	≥32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Dry Bulb		.1	9.6	2.9	.2		90
Wet Bulb		1.2	1.0				90
Dew Point		13.0					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (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
74/ 73				.1		.2												3	3		
72/ 71				.2	.3			.1										6	6		
70/ 69				.1	.6													6	6		
68/ 67			.7	.4	.1				.1									12	12	1	
66/ 65		.2	.3	.3	.3	.1	.2											14	14	5	
64/ 63		1.0	.9	1.3	.1	.1	.3											33	33	15	5
62/ 61		1.6	.7	.9	.6	.2	.1	.1										37	37	21	11
60/ 59		1.6	1.3	.9	.9	.6	.2	.1	.1									50	50	31	26
58/ 57	.6	2.9	1.1	.7	.3	.2	.1											53	53	49	37
56/ 55	.4	2.4	1.1	1.4	1.1	.4												63	63	47	41
54/ 53	.3	1.7	2.6	1.1	.8	.1												59	59	52	48
52/ 51	.2	3.2	1.9	1.4	1.1	.2	.1	.2										76	76	52	33
50/ 49	.4	3.8	3.7	2.8	.7	.7												108	108	76	45
48/ 47	.6	2.7	1.6	2.2	.7	.1												70	70	82	63
46/ 45	.4	2.1	3.6	2.8	.4		.1											85	85	93	58
44/ 43		2.4	2.0	1.6														54	54	62	67
42/ 41	.6	1.3	2.8	1.6														56	56	94	70
40/ 39	.8	1.6	2.1	1.0	.3													52	52	70	54
38/ 37	.3	1.1	1.7	.6	.1													34	34	56	58
36/ 35		.6	.9	.4														17	17	42	87
34/ 33	.1	.1		.1	.3													6	6	25	50
32/ 31			.2	.1														3	3	12	47
30/ 29			.1	.1														2	2	7	25
28/ 27			.1															1	1	1	29
26/ 25																				6	14
24/ 23																				1	5
22/ 21																					7
20/ 19																					5
18/ 17																					6
16/ 15																					4
14/ 13																					2
8/ 7																					2
4/ 3																					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 0-26-3 (OL A) (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) APR (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
TOTAL	4.9	30.2	29.2	22.1	8.8	3.0	1.1	.6	.2									900	900	900	900

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.	5255177	67367	74.9	15.378	900							
Dry Bulb	2341819	45299	50.3	8.292	900		.6	2.7	.3			90
Wet Bulb	2004054	41838	46.5	8.111	900		2.7	.1				90
Dew Point	1691167	37935	42.2	10.127	900		14.7					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) APR (MONTH)

PAGE 1 ALL (HOURS L.S.)

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
88/ 87								.0	.1	.0								9	9		
86/ 85							.1	.0	.0									9	9		
84/ 83							.0	.0	.0	.0		.0	.0					10	10		
82/ 81						.0	.1	.0	.0	.0		.0						19	19		
80/ 79			.0	.0	.0	.1	.0	.0	.1	.0	.0							27	27		
78/ 77				.0	.1	.1	.2	.2	.0	.1	.1	.1						58	58		
76/ 75			.0	.1	.2	.2	.2	.2	.1	.2	.0	.0	.0					96	96	1	
74/ 73			.1	.1	.2	.2	.2	.2	.2	.1	.1							88	88	12	1
72/ 71			.1	.3	.3	.3	.2	.1	.1	.2	.1							121	121	21	3
70/ 69		.0	.2	.3	.4	.5	.2	.1	.1	.1								133	134	39	4
68/ 67	.0	.1	.3	.4	.5	.3	.2	.2	.1	.0								153	153	44	22
66/ 65		.3	.5	.5	.4	.3	.3	.3	.2	.0								199	199	111	32
64/ 63		.5	.6	.8	.5	.6	.3	.2	.2	.0								272	272	154	71
62/ 61	.0	1.0	.5	.9	.7	.5	.4	.3	.1	.0								319	319	194	112
60/ 59	.2	1.2	1.0	.7	.7	.7	.5	.2	.0									385	385	290	203
58/ 57	.5	2.0	.8	1.0	.9	.8	.5	.3	.0									483	483	374	247
56/ 55	.6	2.0	1.3	1.3	1.1	.7	.3	.1	.0									548	548	428	322
54/ 53	.5	1.7	1.5	1.3	.9	.5	.3	.0	.0									488	488	450	388
52/ 51	.5	2.6	1.9	1.1	1.3	.6	.2	.0										589	589	494	331
50/ 49	.5	2.9	2.3	1.7	1.2	.5	.0											653	653	622	378
48/ 47	.5	2.8	1.4	1.6	1.0	.1	.0	.0										544	544	695	468
46/ 45	.3	2.3	1.8	1.9	.5	.1	.0											506	506	653	474
44/ 43	.1	2.1	1.5	1.1	.2	.1												361	361	545	544
42/ 41	.3	1.3	1.5	.8	.2	.1	.0											304	304	570	549
40/ 39	.5	1.2	1.3	.6	.2	.1	.0											275	275	459	409
38/ 37	.2	.9	1.0	.3	.1	.0												189	189	312	471
36/ 35	.4	1.0	.8	.2	.0	.0												176	176	276	457
34/ 33	.1	.3	.5	.0	.1													78	78	182	432
32/ 31	.1	.3	.3	.0	.0													52	52	119	373
30/ 29	.0	.1	.3	.0	.0													30	30	71	298
28/ 27		.1	.1	.0	.0													16	16	32	217
26/ 25		.0	.1															8	8	29	122
24/ 23			.0															1	1	11	87
22/ 21																				11	69

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (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
20/ 19																					24
18/ 17																					21
16/ 15																					20
14/ 13																					16
12/ 11																					11
10/ 9																					5
8/ 7																					5
6/ 5																					4
4/ 3																					4
2/ 1																					3
-2/ -3																					2
TOTAL	5.4	26.8	21.7	17.3	11.7	7.4	4.5	2.6	1.5	.8	.3	.2	.0					7199	7200	7199	7199

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.	38484742	509024	70.7	18.610	7199							
Dry Bulb	20796104	379718	52.7	10.344	7200		10.7	72.4	31.6	5.9		720
Wet Bulb	16979816	343776	47.8	8.847	7199		27.3	11.7	1.3			720
Dew Point	13784277	305779	42.5	10.518	7199	.2	128.1	3.0	.1			720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) MAY (MONTH)

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

Temp. (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	2	1	1
74/ 73			.3															3	3		
72/ 71		.2	.4	.1	.2													9	9	3	
70/ 69		.8	.6	.4	.3													20	20	4	3
68/ 67		1.7	1.6	.4		.1	.1											37	37	15	10
66/ 65		3.9	.4	.5	.2	.2	.1											50	50	41	30
64/ 63	.4	3.4	.8	.6	.6	.3	.1											59	59	51	46
62/ 61	1.0	3.3	1.7	1.1	.4	.1	.1	.1										73	73	54	54
60/ 59	1.8	4.3	2.0	1.8	.2	.4												99	99	65	53
58/ 57	1.5	4.2	2.4	1.1	.2													87	87	73	63
56/ 55	1.2	5.5	3.2	1.1	.4													106	106	101	61
54/ 53	.2	4.8	2.2	1.2	.3	.1												82	82	111	78
52/ 51	1.6	4.6	2.6	1.5	.8	.1												104	104	97	111
50/ 49	.5	3.1	1.2	1.1	.4													59	59	71	90
48/ 47	.3	2.9	.9	1.1	.5													53	53	77	62
46/ 45	.2	2.0	1.2	.5	.4													41	41	52	63
44/ 43		1.0	.6	.3	.1													19	19	39	44
42/ 41	.4	.3	.3	.1														11	11	34	47
40/ 39	.1	.3	.6															10	10	17	19
38/ 37		.5	.1															6	6	15	29
36/ 35																				9	20
34/ 33																					20
32/ 31																					12
30/ 29																					7
28/ 27																					6
26/ 25																					1
TOTAL	9.5	47.0	23.3	13.0	5.3	1.4	.4	.1										930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	6657380	77740	83.6	13.082	930
Dry Bulb	2972741	52163	56.1	7.110	930
Wet Bulb	2698747	49631	53.4	7.344	930
Dew Point	2485016	47374	50.9	8.791	930

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb			7.1	.5			93
Wet Bulb			2.3	.1			93
Dew Point		2.6	1.4	.1			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) MAY (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	2	1	1
74/ 73	.2		.3															5	5	2	2
72/ 71		.1		.2														3	3	3	
70/ 69		1.0	.3	.1														13	13	2	3
68/ 67		1.2	.3	.3	.2													19	19	12	6
66/ 65	1.1	3.7	.8		.1													52	52	33	26
64/ 63	1.0	2.9	.1	.6	.1	.1	.1											46	46	52	55
62/ 61	1.7	2.4	.5	.6	.4													53	53	50	51
60/ 59	2.4	4.2	1.1	.5	.2	.2												80	80	59	50
58/ 57	1.9	5.3	1.3	1.2	.6	.2												98	98	64	49
56/ 55	.9	5.1	2.0	1.3	.8	.2												95	95	73	59
54/ 53	1.6	5.4	2.0	.5	.3													92	92	87	79
52/ 51	2.3	4.9	1.6	.3		.1												86	86	117	79
50/ 49	.9	3.3	2.3	1.0	.1		.1											71	71	75	91
48/ 47	1.2	3.4	2.4	.5	.1													71	71	73	62
46/ 45	.4	2.9	1.7	.4	.1													52	52	73	67
44/ 43	.3	2.0	2.0	.4	.1													46	46	47	63
42/ 41	.2	.9	.8	.4														21	21	45	50
40/ 39	.1	.4	.6	.1														12	12	26	30
38/ 37	.1	.2	.2															5	5	17	34
36/ 35	.1	.6	.1															8	8	13	32
34/ 33																				5	15
32/ 31																				1	10
30/ 29																					7
28/ 27																					4
26/ 25																					4
22/ 21																					1
TOTAL	16.5	49.9	20.6	8.7	3.2	.9	.2												930		930
																		930		930	

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.	7063202	80246	86.3	12.236	930							
Dry Bulb	2807402	50626	54.4	7.445	930			4.2	.7			93
Wet Bulb	2593803	48579	52.2	7.782	930		.1	2.0	.3			93
Dew Point	2423786	46724	50.2	9.065	930		2.6	1.2	.3			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) MAY (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	.1												4	4		
76/ 75	.1		.1	.6	.1		.2											11	11	1	1
74/ 73		.1	.1	.6	.3			.1										12	12		
72/ 71		.2	1.4	.3	.4	.1												23	23	6	1
70/ 69		.6	1.5	.4	.6	.5	.2											37	37	16	3
68/ 67	.1	1.7	1.2	.4	.5	.1	.3	.3										44	44	30	29
66/ 65	.9	3.0	1.8	1.0	1.2	.5	.2	.1										81	81	51	34
64/ 63	.6	3.2	1.0	1.4	.8	.6	.3											74	74	49	49
62/ 61	1.3	3.1	1.8	1.4	.6	.3		.2										82	82	74	53
60/ 59	1.2	4.1	2.7	1.5	1.1	.9												106	106	78	65
58/ 57	1.1	4.3	1.9	1.9	1.1	.6	.2											104	104	83	68
56/ 55	.1	3.2	1.6	1.1	1.4	.2		.1										72	72	107	60
54/ 53	1.2	3.3	2.3	1.0	1.6	.3												90	90	76	94
52/ 51	.6	2.4	2.5	1.3	.6	.4												73	73	91	87
50/ 49	.2	2.0	1.7	.9	.5	.1												51	51	77	56
48/ 47	.5	1.3	.5	1.0	.2													33	33	70	64
46/ 45	.1	.4	.9	.3	.3	.1												20	20	53	59
44/ 43		.1	.2	.2	.2													7	7	26	59
42/ 41		.2	.2															4	4	22	26
40/ 39		.1	.1															2	2	10	31
38/ 37																				8	34
36/ 35																				2	21
34/ 33																					10
32/ 31																					12
30/ 29																					5
28/ 27																					5
26/ 25																					3
24/ 23																					1
TOTAL	8.1	33.5	23.5	15.5	11.9	5.1	1.5	.9										930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	5959528	73036	78.5	15.520	930
Dry Bulb	3259420	54658	58.8	7.117	930
Wet Bulb	2860347	51129	55.0	7.293	930
Dew Point	2559074	48032	51.6	9.184	930

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb			13.1	2.7			93
Wet Bulb			5.3	.1			93
Dew Point		2.6	3.4	.1			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) MAY (MONTH)

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

Temp. (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										.1								1	1		
88/ 87							.1											1	1		
86/ 85							.3	.2		.2								7	7		
84/ 83					.1	.2	.1	.3	.1	.1	.1							10	10		
82/ 81					.5	.2	.1	.3	.1									12	12		
80/ 79					.5	.6		.4	.2		.1							18	18		
78/ 77			.2	.5	.8	.6	.3	.6	.4		.2							35	35		
76/ 75			.3	1.7	.8	1.3	.3	.3		.4								46	48	5	
74/ 73			.2	1.3	1.3	.9	.8	.6	.3	.3								53	53	14	1
72/ 71		.4	1.2	1.5	1.6	1.0	.8	.8	.9	.1								76	76	22	6
70/ 69	.1	1.3	1.6	.8	1.5	.6	1.5	.6	.2	.2	.1							80	80	44	24
68/ 67	.2	.6	2.8	1.4	.8	1.7	1.1	1.3	.4	.2								95	95	61	40
66/ 65		1.1	1.0	1.6	1.0	1.5	.6	.4	.3									70	70	75	46
64/ 63	.1	1.2	1.5	1.1	1.4	1.1	.9	.3										70	70	71	46
62/ 61		1.5	1.3	1.7	1.4	1.1	.6	.4	.1									76	76	74	62
60/ 59	.4	1.3	2.0	1.5	1.5	1.3	1.2	.2	.2									90	90	85	68
58/ 57	.2	1.6	.9	1.0	1.2	1.5	.3	.1										63	63	87	65
56/ 55	.1	1.2	1.1	.6	.6	.6	.3											43	43	106	63
54/ 53	.1	1.8	.6	.6	.5	.5	.2											42	42	63	61
52/ 51	.1	1.1	.6	.3	.1	.1	.1											23	23	84	75
50/ 49		.3	.1	.2	.3	.3	.1											13	13	47	71
48/ 47			.1	.1		.1												3	3	50	52
46/ 45			.1															1	1	19	43
44/ 43																				11	51
42/ 41																				8	31
40/ 39																				3	34
38/ 37																				1	27
36/ 35																					19
34/ 33																					15
32/ 31																					8
30/ 29																					10
28/ 27																					4
26/ 25																					4
24/ 23																					1

WET BULB TEMPERATURE DEPRESSION (F)

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

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 3 (JUN 71) OLA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (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	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
22/ 21																					1
20/ 19																					2
TOTAL	1.4	13.4	15.7	16.0	15.9	15.4	9.8	6.9	3.7	1.7	.5							930	930	930	930

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.	4252990	60574	65.1	18.196	930							
Dry Bulb	4063154	61020	65.6	8.000	930			43.6	18.5	4.0		93
Wet Bulb	3222581	54311	58.4	7.400	930			14.6	1.9			93
Dew Point	2662964	48870	52.5	10.108	930		3.0	7.1	.1			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 46-57 (YEARS) MAY (MONTH)

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

Temp. (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.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																					
92/ 91										.1									1	1		
90/ 89									.5	.2									7	7		
88/ 87							.2	.3	.2	.1	.2	.2	.1						13	13		
86/ 85				.1		.3	.5	.4	.2	.5	.2	.1							23	23		
84/ 83					.1	1.0	.8	.3	.2	.1	.6	.3							32	32		
82/ 81				.1		1.2	.8	.5	.4	.2	.1	.4							35	35		
80/ 79			.2	.1	.4	.9	1.0	.5	.3	.3	.8	.1							43	43	1	
78/ 77		.1	.1	.1	.9	1.5	.9	.4	.9	.2	.5	.1							53	53	1	
76/ 75			.2	1.3	1.5	1.1	.6	.4	1.4	.4	.6	.1							72	72	18	2
74/ 73			.3	1.3	1.7	.8	1.2	.9	1.2	.6		.1							75	75	19	5
72/ 71		.3	1.6	2.2	1.8	.4	1.6	.6	1.0	.3	.1								93	93	42	8
70/ 69		.8	1.2	1.2	.6	1.1	1.2	1.4	.4	.3	.1								77	77	58	25
68/ 67		.3	1.3	1.0	1.2	1.5	1.2	.9		.2									70	70	88	50
66/ 65		.3	1.4	1.3	2.0	.9	.6	.5	.3	.3									72	72	75	41
64/ 63		.3	.8	1.1	1.3	1.3	.4	1.1		.2									60	60	69	67
62/ 61	.3	.8	.6	1.1	.5	1.3	1.0	1.1		.1									63	63	69	71
60/ 59	.1	1.3	.4	1.0	.3	.6	.4	.4											43	43	103	64
58/ 57		.5	.2	.6	.6	.3	.8	.1											30	30	113	44
56/ 55		1.2	.5	.5	.3	.3	.4	.1											32	32	68	67
54/ 53		1.5	.3	.1	.4	.3													25	25	55	45
52/ 51		.9				.1													9	9	59	83
50/ 49		.2																	2	2	44	63
48/ 47																					19	50
46/ 45																					22	50
44/ 43																					6	48
42/ 41																					1	37
40/ 39																						30
38/ 37																						15
36/ 35																						19
34/ 33																						18
32/ 31																						11
30/ 29																						9
28/ 27																						2
26/ 25																						2

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) MAY

PAGE 2 1200-1400

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																					1
20/ 19																					3
TOTAL	.4	8.5	9.2	13.0	13.9	14.8	13.5	10.1	7.1	4.4	3.3	1.5	.1						930		930
																		930		930	

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.	3508759	54399	58.5	18.755	930							
Dry Bulb	4599443	64909	69.8	8.627	930			59.4	35.4	13.7		93
Wet Bulb	3443740	56178	60.4	7.353	930			22.7	3.9			93
Dew Point	2731530	49476	53.2	10.344	930		2.8	9.0	.7			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) MAY

PAGE 1 10 0-1700

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	31-32	TOTAL DB	TOTAL WB	TOTAL DP	
90/ 89								.1	.3	.2								6	6		
88/ 87							.3	.1	.1	.2		.1						8	8		
86/ 85					.1	.4	.6	.6	.4	.2	.1	.1						25	24		
84/ 83					.2	.3	.4	.3	.4	.4	.3	.4	.3					30	30		
82/ 81				.3		.9	.3	1.0	.1	.5	.4	.2						35	35		
80/ 79				.3		1.7	1.2	.8	.9	.4	.1							50	50		
78/ 77			.2	.8	1.3	1.4	1.2	.9	.6	.6	.5							69	69		
76/ 75			.4	1.7	1.4	1.3	.5	.5	1.4	.4	.2	.1						75	75	[illegible]	
74/ 73			.5	.9	1.0	.8	1.2	1.0	.5	.3	.3							[illegible]	[illegible]	[illegible]	
72/ 71		.5	1.8	1.1	1.0	.5	.3	.8	1.3	.4	.2							74	79	[illegible]	[illegible]
70/ 69		.3	1.5	1.3	1.1	1.3	1.4	1.2	.3	.3	.1							82	82	[illegible]	
68/ 67		.5	1.2	.4	2.0	.9	1.4	.6	.4	.2								72	72	[illegible]	[illegible]
66/ 65	.1	.8	.5	1.3	1.1	.9	.6	.5	1.3	.2	.1							69	69	[illegible]	
64/ 63	.2	.5	1.0	1.3	1.2	.9	1.2	.5	.1	.2								67	67	[illegible]	
62/ 61	.1	.5	1.1	1.5	.3	.8	1.0											46	48	[illegible]	[illegible]
60/ 59		1.3	.8	.9	.5	1.0	.4	.3	.1									49	49	.6	
58/ 57		1.8	.4	.8	.9	.4	.8	.3										52	52	[illegible]	
56/ 55		.9	.8	.5	.1	.2	.2											25	25	[illegible]	[illegible]
54/ 53		1.3	.1	.1														14	14	[illegible]	[illegible]
52/ 51	.1	.6	.1	.2														10	10	[illegible]	[illegible]
50/ 49		.3	.1	.2														6	6	43	[illegible]
48/ 47																				16	[illegible]
46/ 45																				16	[illegible]
44/ 43																				3	[illegible]
42/ 41																					[illegible]
40/ 39																					[illegible]
38/ 37																					[illegible]
36/ 35																					17
34/ 33																					[illegible]
32/ 31																					[illegible]
30/ 29																					[illegible]
28/ 27																					3
26/ 25																					4
24/ 23																					

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	≥ 8[illegible]	≥ [illegible]	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 46-57 (YEARS) MAY (MONTH)

PAGE 7 1500-1700

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																					1
19/ 17																					1
TOTAL	.5	9.5	10.9	13.6	12.2	13.6	13.6	9.6	8.4	4.8	2.5	1.0	.3					929	930	929	929

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.	3617859	55209	59.4	19.053	929							
Dry Bulb	4595248	64882	69.8	8.601	930			59.1	35.8	13.3		93
Wet Bulb	3458500	56278	60.6	7.283	929			23.2	3.7			93
Dew Point	2764486	49770	53.6	10.283	929		2.6	9.3	.7			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 46-57 (YEARS) MAY (MONTH)

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

Temp. (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.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																					
86/ 85							.1											1	1			
84/ 83						.1	.1											2	2			
82/ 81					.1	.3	.3		.1			.1						9	9			
80/ 79					.3	.4	.2	.1	.1		.1							12	12			
78/ 77				.2	.4	.5	.3	.4	.6	.2		.1						27	27			
76/ 75			.2	1.4	.6	1.0	.1	.2	.2									35	35			
74/ 73		.1	.6	2.0	.9	.9	.6	.4	.1	.1								54	54	6		
72/ 71	.1	.2	1.9	1.6	1.3	1.1	1.2	.4	.2	.2	.1							78	78	17	2	
70/ 69	.2	.8	2.0	1.2	1.2	.9	.9	.2	.2									70	70	42	14	
68/ 67	.2	.6	2.5	1.7	1.0	1.3	.2	.6	.3	.1								80	80	60	45	
66/ 65	1.2	1.3	.9	1.6	1.6	1.5	.9		.1									84	84	77	54	
64/ 63		1.5	1.0	1.2	1.5	1.9	.5	1.0										80	80	72	53	
62/ 61	.5	1.9	1.8	1.9	1.2	1.4	.3	.2	.1									88	88	73	63	
60/ 59	.2	1.9	1.5	1.5	1.2	1.3	.2	.2										75	75	89	52	
58/ 57	.3	2.0	2.2	.9	1.5	.5	.2	.1										72	72	91	70	
56/ 55	.3	2.5	1.7	1.5	1.1	.5	.2											73	73	98	69	
54/ 53	.2	1.7	1.1	.8	.6	.3	.2											46	46	94	79	
52/ 51	.3	.8	.4	.3	.5	.1												23	23	74	87	
50/ 49		1.0	.1	.1	.4													15	15	73	72	
48/ 47		.2	.1															3	3	28	58	
46/ 45			.2															2	2	17	39	
44/ 43			.1															1	1	12	54	
42/ 41																				6	32	
40/ 39																				1	25	
38/ 37																					13	
36/ 35																					20	
34/ 33																					14	
32/ 31																					8	
30/ 29																					6	
28/ 27																					1	
TOTAL	3.7	16.6	18.4	18.0	15.5	14.1	6.7	4.0	2.2	.6	.2	.2						930	930		930	

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.	4746422	64414	69.3	17.514	930							
Dry Bulb	3900468	59820	64.3	7.531	930			36.8	14.0	1.6		93
Wet Bulb	3187063	54063	58.1	6.902	930			12.5	.6			93
Dew Point	2707526	49458	53.2	9.123	930		1.5	6.1				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) MAY (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
82/ 81								.1										1	1		
76/ 75			.1	.2		.2		.1										6	6		
74/ 73		.1	.2	.4	.2													9	9		
72/ 71	.1	.4	1.5	.5	.4		.1											29	29	4	1
70/ 69		1.1	1.5	.9	.9	.1	.1	.1										43	43	12	3
68/ 67	.1	2.5	2.0	.6	.4	.5			.1	.1								60	60	40	31
66/ 65	.6	2.8	1.8	1.8	.9	.9												82	82	51	38
64/ 63	.3	3.4	1.5	1.2	.5	.5		.1										71	71	59	45
62/ 61	1.1	3.3	2.3	1.4	.9	.3	.1	.1										88	88	80	60
60/ 59	.5	3.7	3.0	1.9	.9	.4	.2	.1										100	100	73	71
58/ 57	.8	3.9	2.2	1.4	1.3	.4	.3											95	95	90	62
56/ 55	.5	3.9	2.5	1.2	1.2	.6												92	92	93	76
54/ 53	.2	4.2	2.9	1.4	.5	.4												89	89	101	74
52/ 51	.8	3.3	1.8	1.4	.8													75	75	81	101
50/ 49	.4	1.9	.9	.6	.2	.1												39	39	87	93
48/ 47	.1	.9	.1	.8	.5													22	22	67	52
46/ 45	.2	.1	.5	.3	.2													13	14	37	48
44/ 43	.1	.3	.5	.1														10	10	19	49
42/ 41	.1	.1	.1	.2														5	5	19	27
40/ 39																				11	14
38/ 37																				4	34
36/ 35																				1	18
34/ 33																					15
32/ 31																					8
30/ 29																					4
28/ 27																					5
TOTAL	6.0	36.0	25.4	16.5	9.8	4.6	.9	.6	.1	.1								929	930	929	929

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.	6025225	73551	79.2	14.755	929							
Dry Bulb	3294695	54983	59.1	6.883	930			14.8	1.6	.1		93
Wet Bulb	2901396	51506	55.4	7.024	929			5.6				93
Dew Point	2610518	48566	52.3	8.784	929		1.7	3.5				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 — STATION
PHILLIPS/ABERDEEN MD — STATION NAME
46-57 — YEARS
MAY — MONTH

PAGE 1
ALL — HOURS (L.S.T.)

Temp. (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
	WET BULB TEMPERATURE DEPRESSION (F)																				
92/ 91										.0								1	1		
90/ 89								.0	.1	.1								14	14		
88/ 87							.1	.1	.0	.0	.0	.0	.0					22	22		
86/ 85				.0	.0	.1	.2	.2	.1	.1	.0	.0						56	56		
84/ 83					.1	.2	.2	.1	.1	.1	.1	.1	.0					74	74		
82/ 81				.1	.1	.3	.2	.2	.1	.1	.1	.1						92	92		
80/ 79			.0	.1	.2	.5	.3	.2	.2	.1	.1	.0						123	123	1	
78/ 77		.0	.1	.2	.4	.5	.3	.3	.3	.1	.2	.0						188	188	4	
76/ 75	.0		.2	.9	.6	.6	.2	.2	.4	.2	.1	.0						251	251	41	7
74/ 73	.0	.0	.3	.8	.7	.4	.5	.4	.3	.2	.0	.0						271	271	60	13
72/ 71	.0	.3	1.2	.9	.8	.4	.6	.3	.4	.1	.1							389	390	145	29
70/ 69	.0	.8	1.3	.8	.8	.6	.7	.4	.1	.1	.0							422	422	237	102
68/ 67	.1	1.2	1.6	.8	.8	.8	.5	.4	.2	.1								477	477	394	259
66/ 65	.5	2.1	1.1	1.1	1.0	.8	.4	.2	.3	.1	.0							560	560	482	323
64/ 63	.3	2.1	.9	1.1	.9	.8	.4	.4	.0	.1								527	527	487	420
62/ 61	.8	2.1	1.4	1.3	.7	.7	.4	.3	.0	.0								572	572	554	481
60/ 59	.8	2.8	1.7	1.3	.7	.8	.3	.2	.0									642	642	650	476
58/ 57	.7	3.0	1.4	1.1	.9	.5	.3	.1										599	599	696	481
56/ 55	.4	2.9	1.7	1.0	.7	.3	.1	.0										538	538	721	517
54/ 53	.4	3.0	1.4	.7	.6	.3	.1											480	480	642	580
52/ 51	.7	2.3	1.2	.7	.3	.1	.0											403	403	672	689
50/ 49	.3	1.5	.8	.5	.3	.1	.0											256	256	517	598
48/ 47	.3	1.1	.5	.4	.2	.0												185	185	402	458
46/ 45	.1	.7	.6	.2	.1	.0												129	130	291	412
44/ 43	.1	.4	.4	.1	.1													83	83	163	418
42/ 41	.1	.2	.2	.1														41	41	135	272
40/ 39	.0	.1	.2	.0														24	24	68	215
38/ 37	.0	.1	.0															11	11	45	209
36/ 35	.0	.1	.0															8	8	25	162
34/ 33																				5	123
32/ 31																				1	82
30/ 29																					50
28/ 27																					30
26/ 25																					18

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (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	Dew Point
24/ 23																					5
22/ 21																					2
20/ 19																					6
18/ 17																					1
TOTAL	5.8	26.8	18.4	14.3	11.0	8.7	5.8	4.0	2.6	1.5	.8	.3	.1						7440		7438
																		7438		7438	

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.	41831365	539169	72.5	19.222	7438							
Dry Bulb	29492571	463061	62.2	9.504	7440			238.1	109.2	32.7		744
Wet Bulb	24366177	421675	56.7	7.870	7438		.1	88.2	10.6			744
Dew Point	20944900	388270	52.2	9.540	7438		19.4	41.0	2.0			744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) JUN (MONTH)

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

Temp. (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
	WET BULB TEMPERATURE DEPRESSION (F)																				
84/ 83						.2												2	2		
82/ 81					.4													4	4		
80/ 79				.1		.1												2	2		
78/ 77		.2	.3	.2	.1	.1												9	9		
76/ 75		1.9	2.0	.7	.1	.1	.1	.1										45	45	8	2
74/ 73	.1	1.9	2.1	.4	.3	.1												45	45	29	14
72/ 71		6.1	1.4	.2	.1													71	71	55	45
70/ 69	.3	4.3	3.6	.8	.3	.2												85	85	95	91
68/ 67	.1	6.2	3.9	.9	1.0	.1	.3											113	113	62	59
66/ 65	1.7	5.3	1.3	1.2	1.0	.3												98	98	102	86
64/ 63	1.1	6.6	2.2	.7	.4		.1											100	100	95	87
62/ 61	1.0	5.1	1.4	.8	.8		.1											83	83	91	89
60/ 59	.6	4.1	1.8	1.1	.3													71	71	87	73
58/ 57	.2	4.9	1.0	.7														61	61	74	69
56/ 55	.6	3.0	.7	.7														44	44	71	81
54/ 53	.1	2.4	1.1	.3														36	36	52	55
52/ 51	.9	.9	.4	.1														21	21	50	55
50/ 49	.1	.1	.6															7	7	16	40
48/ 47	.2	.1																3	3	13	21
46/ 45																					24
44/ 43																					6
42/ 41																					2
40/ 39																					1
TOTAL	7.0	53.2	23.9	8.9	4.9	1.3	.7	.1											900		900
																		900		900	

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.	6810105	77711	86.3	10.552	900							
Dry Bulb	3806856	58232	64.7	6.596	900			37.6	10.7	.7		90
Wet Bulb	3511049	55905	62.1	6.537	900			24.9	3.7			90
Dew Point	3332718	54374	60.4	7.283	900			21.1	1.6			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) JUN (MONTH)

PAGE 1 0300-0500 (HOURS)

Temp. (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
	WET BULB TEMPERATURE DEPRESSION (F)																				
82/ 81				.1	.4													5	5		
80/ 79				.1		.1												2	2		
78/ 77				.1		.2												3	3		
76/ 75		.8	.6	.3	.2		.1	.1										19	19	2	
74/ 73	.3	2.3	2.3	.7														51	51	17	9
72/ 71	.7	4.2	1.2		.3													56	58	49	39
70/ 69	.6	5.8	1.9	.7	.2													82	82	77	69
68/ 67	1.0	6.0	3.9	.1	.3													102	102	77	72
66/ 65	2.9	6.4	1.4	.6	.1													103	103	103	87
64/ 63	.8	4.8	1.9	1.6	.1													82	82	92	76
62/ 61	1.4	5.2	1.4	.4	.6	.1												83	83	80	99
60/ 59	1.7	3.9	1.1	.7	1.1													76	76	91	89
58/ 57	.8	4.8	1.9	.4	.1													72	72	68	58
56/ 55	.3	3.9	1.4	.4	.1													56	56	59	63
54/ 53	.3	2.8	.6	.3														36	36	67	59
52/ 51	.8	3.0	1.1	.1														45	45	54	63
50/ 49	.1	.8	.6	.2														15	15	30	42
48/ 47		1.0																9	9	21	24
46/ 45		.1																1	1	11	24
44/ 43																				2	20
42/ 41																					3
40/ 39																					3
36/ 35																					1
TOTAL	11.7	55.8	21.3	6.9	3.7	.4	.1	.1											900		900
																		900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	7079626	79318	88.1	9.963	900
Dry Bulb	3651280	56994	63.3	6.838	900
Wet Bulb	3406482	55024	61.1	6.871	900
Dew Point	3255765	53703	59.7	7.555	900

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb			32.2	8.0	.5		90
Wet Bulb			22.2	1.9			90
Dew Point			18.9	.9			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 46-57 (YEARS) JUN (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 Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
90/ 89							.1											1	1	
88/ 87						.3												3	3	
86/ 85					.3	.1												4	4	
84/ 83				.1	.4	.1	.3	.4										13	13	
82/ 81			.1	.6	.3	.1	.2		.1									13	13	
80/ 79			.8	1.6	.8	.4	.1	.1										34	34	
78/ 77		.3	1.8	1.1	1.4	.8	.6											54	54	13
76/ 75		1.4	2.2	1.9	1.1	1.0	.2	.2	.1									74	74	27	9
74/ 73	.2	2.3	2.2	1.0	1.6	.8	.1											74	74	51	45
72/ 71		2.7	3.6	1.2	2.1	.8	.3											96	96	78	55
70/ 69	.6	2.2	3.1	1.4	.3	1.1	.3	.1										83	83	80	69
68/ 67	.6	3.0	2.7	1.7	1.3	.2	.3	.1										89	89	90	74
66/ 65	.7	4.7	1.7	2.7	1.0	.9	.2	.1										107	107	106	83
64/ 63	.4	2.6	2.3	1.3	.8	.7	.1											74	74	95	80
62/ 61	.4	2.8	1.4	1.3	1.0													63	63	83	89
60/ 59	.6	1.8	1.6	.8	[illegible]													46	46	92	90
58/ 57	.3	2.0	1.1	.6	.2	.1												39	39	60	69
56/ 55		1.2	.6	.2														18	18	60	60
54/ 53		1.0	.4															13	13	33	64
52/ 51	.1		.1															2	2	25	34
50/ 49																				6	24
48/ 47																				1	30
46/ 45																					16
44/ 43																					5
42/ 41																					2
40/ 39																					2
TOTAL	3.9	28.0	25.7	17.4	13.2	7.4	3.0	1.1	.2									900	900		900

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.	5737454	70828	78.7	13.484	900							
Dry Bulb	4279851	61747	68.6	6.958	900			53.8	27.0	5.3		90
Wet Bulb	3742872	57752	64.2	6.415	900			33.9	9.1			90
Dew Point	3440037	55237	61.4	7.450	900			25.2	5.4			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) JUN (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
96/ 95										.1								1	1		
94/ 93								.1	.1									2	2		
92/ 91							.6	.7	.1	.1	.1	.1						15	15		
90/ 89						.3	.6	.2	.2	.2	.2							16	16		
88/ 87					.2	.9	.8	.7	.8	.1	.1							32	32		
86/ 85					1.2	2.0	.9	1.0	.4	.3	.3							56	56		
84/ 83				.8	1.3	2.2	2.0	.4	.8	.3		.1						72	72		
82/ 81			.1	1.7	2.7	1.6	1.1	.7	.3	.2								75	75		
80/ 79			.6	1.6	1.6	1.6	1.3	.9	1.0	.1	.1							78	78	20	
78/ 77			1.2	1.4	1.4	.9	2.6	.6	.3									76	76	39	4
76/ 75		.2	1.3	1.3	.9	2.3	.9	.9	.7		.1							77	77	70	20
74/ 73	.2	.3	1.4	1.4	.8	1.6	1.0	.6	.4		.1							71	71	103	66
72/ 71		.6	1.8	1.6	1.9	1.6	1.4	.6	.1									85	85	91	67
70/ 69		.3	1.9	1.1	1.1	.8	1.3	.9	.1									68	68	74	86
68/ 67		1.2	1.6	.8	.9	.7	.9	.3										57	57	81	76
66/ 65	.1	1.0	1.1	1.3	.2	.6	.2											41	41	108	73
64/ 63	.1	1.1	.7	.3	.4	.3	.1											28	28	81	60
62/ 61	.3	.9	.6	.1	.3	.1												21	21	84	82
60/ 59		.1	.2	.2														5	5	48	79
58/ 57	.2	.2	.4	.1														9	9	45	67
56/ 55	.2	.7																8	8	32	56
54/ 53	.1	.3																4	4	18	41
52/ 51	.2	.1																3	3	5	39
50/ 49																				1	25
48/ 47																					28
46/ 45																					15
44/ 43																					11
42/ 41																					4
36/ 35																					1
TOTAL	1.6	7.1	12.7	13.8	15.0	17.3	15.6	8.4	5.4	1.6	1.1	.2							900		900
																		900		900	

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.	4027732	58552	65.1	15.589	900							
Dry Bulb	5191297	67969	75.5	8.046	900			78.1	57.1	31.3	.3	90
Wet Bulb	4097823	60441	67.2	6.570	900			47.8	23.2	.7		90
Dew Point	3541967	55991	62.2	8.077	900			31.9	9.0			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) JUN (MONTH)

PAGE 1 1200-1400 (HOURS)

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							1	1		
98/ 97										.2								2	2		
96/ 95									.2	.4	.4	.1						11	11		
94/ 93							.2	.7	.2	.2	.3		.2					17	17		
92/ 91					.1	.4	.7	.3	.9	.6	.4	.2			.1			34	34		
90/ 89					.2	.6	1.0	2.7	.8	.6	.1		.1	.2	.1			51	51		
88/ 87						2.4	2.2	2.4	1.2	.6	.4	.2						86	86		
86/ 85				.1	.8	2.9	2.7	1.7	1.2	.4	.2	.4	.2					96	96		
84/ 83				.2	1.1	.9	1.9	1.6	.8	.4	.2	.2	.1					67	67	1	
82/ 81			.1	.7	.7	.8	.8	1.1	1.4	.4	.2	.2						58	58	8	
80/ 79			.3	1.1	.7	.9	1.3	1.6	1.2	.7	.1							71	72	32	5
78/ 77			1.1	1.1	1.0	1.8	1.3	1.9	1.0	.6	.2							90	90	56	7
76/ 75		.1	.4	1.2	.7	2.4	1.0	.4	.9	.7								71	71	108	30
74/ 73		.1	.7	1.1	1.3	1.7	.1	.4	.4	.1	.1							55	55	90	49
72/ 71		.4	.7	.6	.8	1.1	1.1	.4	.6									51	51	88	82
70/ 69		.2	.9	.6	1.1	.3	.4	.6	.1									38	38	74	80
68/ 67		.4	.3	.9	.8	1.0	.1											32	32	70	72
66/ 65		.8	.8	.2	.2	.1												19	19	112	74
64/ 63	.2	1.1	.2	.4	.1													19	19	77	74
62/ 61	.1	.4	.6															10	10	73	70
60/ 59		.2	.1															3	3	49	66
58/ 57	.1	.2	.1															4	4	38	73
56/ 55	.2	.3																5	5	12	50
54/ 53		.6	.1															6	6	6	43
52/ 51		.1																1	1	4	38
50/ 49		.1																1	1	1	21
48/ 47																					21
46/ 45																					22
44/ 43																					14
42/ 41																					4
40/ 39																					3
38/ 35																					1
TOTAL	.7	5.2	6.5	8.2	9.6	17.4	14.9	15.1	11.0	5.9	3.0	1.4	.7	.2	.2			899	900	899	899

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_X	No. Obs.
Rel. Hum.	3278847	52335	58.2	16.080	899
Dry Bulb	5729121	71393	79.3	8.557	900
Wet Bulb	4264211	61633	68.6	6.575	899
Dew Point	3561444	56078	62.4	8.402	899

Mean No. of Hours with Temperature	≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb			83.2	71.1	46.1	3.1	90
Wet Bulb			52.8	29.5	2.6		90
Dew Point			32.5	9.1	.1		90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) JUN (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
100/ 99											.1	.1						2	2		
98/ 97										.1	.1							2	2		
96/ 95									.3	.6	.1							9	9		
94/ 93							.1	1.0		.3	.2							15	15		
92/ 91						.2	.4		.1	.3	.2	.1	.1	.1				15	15		
90/ 89					.2	.4	1.4	1.9	.6	.3	.6	.3	.2					54	54		
88/ 87					.2	1.1	2.1	1.7	.7	.9	.6	.1		.1				67	67		
86/ 85					.9	2.2	2.6	2.0	1.3	.8	.6	.2	.1					96	96		
84/ 83			.1	.1	1.8	1.7	2.2	1.1	.8	.8	.3	.1	.1					82	82		
82/ 81			.2	1.2	1.0	1.0	1.2	1.0	.9	.8	.2	.2		.1				71	71	8	
80/ 79		.1	.3	.7	.7	.8	2.1	1.0	1.4	.6	.1	.1						71	71	28	2
78/ 77		.2	.4	.9	1.6	2.3	1.8	1.2	.8	.9								91	91	56	8
76/ 75		.3	.8	1.6	1.0	1.4	1.8	1.1	.8	.2								81	81	95	25
74/ 73	.1	.6	1.2	1.1	1.1	.9	1.1	.2	.4	.2								63	63	84	72
72/ 71		.9	.6	.1	.8	1.2	.2	.8	.2									43	43	85	62
70/ 69		.9	.4	.6	.6	.3	1.1	.4	.1									40	40	107	94
68/ 67		.7	1.0	.4	.8	.3												29	29	87	69
66/ 65		1.2	.4	.9	.4													27	27	103	68
64/ 63		.8	.3	.2														12	12	74	79
62/ 61		.7	.1															7	7	68	72
60/ 59		.4	.2	.2														8	8	47	59
58/ 57	.1	.3	.2															6	6	33	65
56/ 55	.1	.1																2	2	12	67
54/ 53	.3		.1															4	4	7	48
52/ 51	.1	.1																2	2	2	33
50/ 49	.1																	1	1	2	19
48/ 47																					30
46/ 45																					12
44/ 43																					7
42/ 41																					3
40/ 39																					5
28/ 27																					1
TOTAL	.9	7.3	6.6	8.0	11.0	14.0	18.2	13.4	8.4	6.8	3.1	1.3	.6	.3				900	900	900	900

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	3430037	53441	59.4	16.900	900
Dry Bulb	5676953	71093	79.0	8.248	900
Wet Bulb	4265974	61702	68.6	6.312	900
Dew Point	3583921	56305	62.6	8.265	900

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb			83.1	71.9	45.7	2.8	90
Wet Bulb			55.2	27.3	2.0		90
Dew Point		.1	33.2	10.7			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) JUN (MONTH)

PAGE 1 1800-2000 (HOURS)

Temp. (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
	WET BULB TEMPERATURE DEPRESSION (F)																				
96/ 95									.1									1	1		
92/ 91						.1	.1	.2										4	4		
90/ 89						.1	.1	.1										3	3		
88/ 87				.1	.3	.1	.4		.1	.1								11	11		
86/ 85				.3	.7	.9	.3	.2	.3	.1	.1							27	27		
84/ 83			.1	.6	1.1	1.8	.2	.3		.1								38	38		
82/ 81			.4	1.4	1.8	.7	1.1	.4	.6	.1			.1					60	60	2	
80/ 79		.1	.8	2.2	2.1	1.7	.8	1.1	.1									80	80	14	1
78/ 77		.1	1.1	2.0	1.9	1.4	1.2	1.1	.1		.1							82	82	26	10
76/ 75		.7	1.7	2.2	2.0	2.7	1.4	.2	.6	.1	.1							105	105	39	20
74/ 73	.2	1.0	2.2	2.7	1.9	1.8	1.0	.3										100	100	89	38
72/ 71	.2	1.6	2.3	1.4	1.1	1.3	.8	.1										80	80	85	74
70/ 69	.2	1.7	2.0	2.2	1.4	1.2	.7											85	85	101	90
68/ 67	.2	1.1	1.3	1.4	1.4	1.0	.3											62	62	105	82
66/ 65	.2	1.6	1.7	1.8	1.7	.6	.2											69	69	97	76
64/ 63		1.4	1.4	1.3	.3	.2	.1											44	44	98	70
62/ 61		.7	.7	.3														15	15	80	78
60/ 59	.1	.9	.2			.1												12	12	75	80
58/ 57	.2	.7	.4	.1														13	13	54	84
56/ 55		.1																1	1	18	66
54/ 53	.2	.2																4	4	7	60
52/ 51	.1	.3																4	4	7	24
50/ 49																				1	24
48/ 47																					12
46/ 45																					5
42/ 41																					2
40/ 39																					3
34/ 33																					1
TOTAL	1.8	12.1	16.4	20.2	17.8	15.7	8.9	4.2	1.9	.6	.3		.1					900	900		900
																		900		900	

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.	4669682	63452	70.5	14.772	900							
Dry Bulb	4893141	66055	73.4	7.081	900			73.8	51.1	18.7	.1	90
Wet Bulb	4031561	59989	66.7	6.061	900			46.3	17.2	.7		90
Dew Point	3581787	56389	62.7	7.365	900			31.5	6.9	.1		90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) JUN (MONTH)

PAGE 1 2100-2300 (HOURS)

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
86/ 85						.1	.1											2	2		
84/ 83			.1	.1		.1												3	3		
82/ 81			.4	.2	.3													9	9		
80/ 79		.3	.2	.8	.2													14	14	1	
78/ 77		.8	2.0	1.6	.1		.2											42	42	9	3
76/ 75		1.3	2.9	1.9	.3	.1	.4											63	63	22	10
74/ 73		1.3	4.1	1.3	.6	.6	.3											74	74	43	22
72/ 71	.4	3.6	3.7	2.3	.7	1.1	.3	.1	.1									111	111	80	66
70/ 69	.3	3.4	4.0	1.6	.9	.4	.1											96	96	79	80
68/ 67	.1	5.2	3.0	1.0	1.4		.1											98	98	96	83
66/ 65	.7	3.8	2.9	2.4	.7	.1	.2											97	97	108	73
64/ 63	.3	3.6	2.6	1.2	.9	.3												80	80	84	102
62/ 61	.3	3.7	2.8	1.6	.3	.1												79	80	97	67
60/ 59		3.7	2.9	.1	.2	.2												64	64	92	80
58/ 57	.1	1.4	1.6	.6														33	33	79	87
56/ 55		1.4	.7	.1	.1													21	21	53	76
54/ 53		.3	.2	.1														6	6	32	61
52/ 51	.3	.3																6	6	18	47
50/ 49	.1																	1	1	5	16
48/ 47																				1	11
46/ 45																					8
44/ 43																					4
42/ 41																					2
40/ 39																					1
TOTAL	2.8	34.3	34.0	16.9	6.7	3.2	1.9	.1	.1									899	900	899	899

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.	6149580	73642	81.9	11.422	899							
Dry Bulb	4152019	60865	67.6	6.315	900			51.2	20.7	2.1		90
Wet Bulb	3715894	57534	64.0	6.139	899			33.0	7.5			90
Dew Point	3468634	55484	61.7	7.024	899			26.4	3.5			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 — STATION
PHILLIPS/ABERDEEN MD — STATION NAME
48-57 — YEARS

Temp. (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	31-32	TOTAL OBS	%	Σ%
100/ 99											.0	.0								
98/ 97										.0	.0									
96/ 95									.1	.1	.1	.0								
94/ 93							.1	.2	.0	.1	.1		.0							
92/ 91					.0	.1	.2	.2	.1	.1	.1	.1	.0	.0	.0					
90/ 89					.1	.2	.4	.5	.2	.1	.1	.0	.0	.0	.0					
88/ 87				.0	.1	.6	.7	.6	.3	.2	.1	.0		.0						
86/ 85				.1	.5	1.0	.8	.6	.4	.2	.2	.1	.0							
84/ 83			.0	.2	.7	.9	.8	.5	.3	.2	.1	.1	.0							
82/ 81			.2	.7	1.0	.5	.6	.4	.4	.2	.1	.1	.0	.0						
80/ 79		.1	.4	1.0	.8	.7	.7	.6	.5	.3	.0	.0								
78/ 77		.2	1.0	1.1	.9	.9	1.0	.6	.3	.2	.0									
76/ 75		.8	1.5	1.4	.8	1.3	.7	.4	.4	.1	.0									
74/ 73	.2	1.2	2.0	1.2	.9	.9	.5	.2	.2	.0	.0									
72/ 71	.2	2.5	1.9	.9	1.0	.9	.5	.3	.1											
70/ 69	.3	2.4	2.2	1.1	.7	.6	.5	.3	.0											
68/ 67	.3	3.0	2.2	.9	1.0	.4	.3	.1												
66/ 65	.8	3.1	1.4	1.4	.7	.3	.1	.0												
64/ 63	.4	2.7	1.5	.9	.4	.2	.1													
62/ 61	.5	2.4	1.1	.6	.4	.0	.0													
60/ 59	.4	1.9	1.0	.4	.3	.0														
58/ 57	.3	1.8	.8	.3	.0	.0														
56/ 55	.2	1.3	.4	.2	.0															
54/ 53	.1	1.0	.3	.1																
52/ 51	.3	.6	.2	.0																
50/ 49	.1	.1	.1	.0																
48/ 47	.0	.1																		
46/ 45		.0																		
44/ 43																				
42/ 41																				
40/ 39																				
38/ 35																				
34/ 33																				
28/ 27																				

Element (X)	Σx'	Σx	x̄	σx	No. Obs.	Mean No. of Hours			
Rel. Hum.							≥0 F	≥32 F	
Dry Bulb									
Wet Bulb									
Dew Point									

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) JUN (MONTH)

PAGE 2 ALL (HOURS)

Temp. (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.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																					
TOTAL	3.8	25.4	18.4	12.5	10.2	8.6	7.3	5.3	3.4	1.9	.9	.4	.2	.1	.0			7198		7200	7198	7198

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	41183063	529279	73.5	17.738	7198							
Dry Bulb	37380518	514348	71.4	9.406	7200			493.0	317.6	150.4	6.3	720
Wet Bulb	31035866	469980	65.3	6.968	7198			316.1	119.4	6.0		720
Dew Point	27766273	443561	61.6	7.755	7198		.1	220.8	47.1	.2		720

USAFETAC FORM 0-26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 — STATION
PHILLIPS/ABERDEEN MD — STATION NAME
48-57 — YEARS
JUL — MONTH

PAGE 1 — 0000-0200 HOURS

Temp. (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.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81			.3	.6	.1	.2												12	12			
80/ 79		.8	1.9	.9	.3	.1												37	37			
78/ 77		2.3	1.8	.9	.2	.1												49	49	22	10	
76/ 75	.5	3.5	4.3	2.3	.6	.1	.1											107	107	52	32	
74/ 73	.8	5.6	4.4	1.7	.6	.1	.1											124	124	82	69	
72/ 71	1.2	9.6	3.5	1.0	.4	.3												149	149	142	119	
70/ 69	1.2	5.3	3.8	1.0	.8	.3	.1											115	115	149	136	
68/ 67	.9	3.3	3.3	.4	.5	.1												80	80	97	121	
66/ 65	.3	4.5	2.8	1.4	.4	.3												91	91	78	75	
64/ 63	.2	3.9	1.7	1.0	.1													64	64	94	65	
62/ 61	.1	3.3	1.8	.5														54	54	72	93	
60/ 59	.4	2.0	.4	.3														30	30	69	74	
58/ 57	.1	.8	.2	.1														11	11	47	48	
56/ 55		.3	.1															4	4	15	40	
54/ 53		.1																1	1	7	25	
52/ 51																				2	10	
50/ 49		.2																2	2	2	10	
48/ 47																					3	
TOTAL	5.7	45.5	31.5	12.0	4.2	1.7	.3												930			930
																		930		930		

Element (X)	Σx^2	$\bar{x}$	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	6994838	80148	86.2	9.712	930							
Dry Bulb	4583827	65087	70.0	5.551	930			67.3	32.9	3.4		93
Wet Bulb	4224714	62468	67.2	5.563	930			54.4	15.6			93
Dew Point	4038561	61007	65.6	6.274	930			48.7	11.1			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) JUL (MONTH)

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

Temp. (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
	WET BULB TEMPERATURE DEPRESSION (F)																				
82/ 81			.3															3	3		
80/ 79			.9	.2	.4	.1												15	15		
78/ 77		.8	1.0	.6	.5													27	27	5	
76/ 75	.3	4.2	2.8	1.4	.2													83	83	27	22
74/ 73	1.1	6.3	3.7	.9	.3													114	114	93	55
72/ 71	1.2	9.0	3.5	.8	.2													137	137	124	105
70/ 69	1.8	6.3	3.5	.5	.2	.1												117	117	147	146
68/ 67	1.8	5.9	2.4	.9	.3	.1												106	106	118	118
66/ 65	.6	4.7	1.1	.8	.3													70	70	87	83
64/ 63	.2	5.2	3.2	1.1	.4	.1												95	95	61	81
62/ 61	.4	3.4	1.5	1.0	.2													61	61	80	69
60/ 59	.3	4.8	1.0	.2														59	59	77	61
58/ 57	.3	1.6	.5	.1	.1													25	25	68	76
56/ 55	.1	1.0	.2															12	12	30	53
54/ 53		.3																3	3	17	24
52/ 51																				2	21
50/ 49		.3																3	3	2	9
48/ 47																				2	6
44/ 43																					1
TOTAL	8.3	54.0	25.6	8.4	3.3	.4													930		930
																		930		930	

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.	7328464	82156	88.3	8.731	930							
Dry Bulb	4376323	63575	68.4	5.713	930			60.2	24.2	.9		93
Wet Bulb	4089073	61433	66.1	5.776	930			50.4	11.5			93
Dew Point	3937998	60226	64.8	6.380	930			44.6	7.7			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 46-57 (YEARS) JUL (MONTH)

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

Temp. (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.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																					
90/ 89				.1				.1											2	2		
88/ 87			.1			.1	.1				.1								4	4		
86/ 85			.1	.3	.3	1.0	.2												18	18	1	
84/ 83			.2	.3	.4	.5	.4	.2	.1										21	21	2	1
82/ 81			.5	1.1	1.4	.5	.1												34	34	1	2
80/ 79		.6	2.0	1.9	2.5	.6	.3	.1											76	76	7	3
78/ 77		1.6	3.4	4.2	1.6	1.0	.1	.1	.1										113	113	24	9
76/ 75	.3	2.5	5.2	3.7	.8	.8	.1	.2	.1										126	126	75	33
74/ 73	.5	4.0	3.3	3.7	1.4	1.3	.3	.3											138	138	127	76
72/ 71	.3	3.8	3.2	2.4	2.2	.8	.2	.1											120	120	148	121
70/ 69	.5	3.7	3.1	2.5	1.1	.5	.1												107	107	131	144
68/ 67		2.0	3.0	1.1	.9	.3													68	68	102	121
66/ 65	.2	1.5	1.6	.9	.5														44	44	92	87
64/ 63		1.4	1.1	.8	.2														32	32	90	66
62/ 61	.1	.9	.4	.4															17	17	57	78
60/ 59		.4	.2	.2															8	8	48	71
58/ 57		.2																	2	2	15	45
56/ 55																					9	30
54/ 53																					1	17
52/ 51																						17
50/ 49																						7
48/ 47																						2
TOTAL	2.0	22.6	27.6	23.4	13.2	7.4	2.0	1.2	.3		.1									930		930
																		930			930	

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.	5909995	73291	78.8	12.015	930							
Dry Bulb	5030175	68203	73.3	5.529	930			82.7	53.2	12.1		93
Wet Bulb	4408942	63852	68.7	5.186	930			61.8	23.7	.5		93
Dew Point	4101180	61490	66.1	6.188	930			51.0	12.4	.3		93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) JUL (MONTH)

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

Temp. (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. Dry Bulb	TOTAL Wet Bulb	Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																			
96/ 95									.2	.1	.2	.1						6	6	
94/ 93					.4	.2	.2	.3	.2	.3	.3	.1	.1					21	21	
92/ 91				.2	.1	.2	.4	.4	.9	.4	.2	.4						31	32	
90/ 89				.3	.1	.4	1.2	1.2	.4	.4	.3	.1						42	42	
88/ 87					.6	2.2	1.0	1.5	.9	.1	.2							60	60	
86/ 85				.2	1.4	3.7	1.9	1.2	.8	.1		.1						87	87	6	1
84/ 83			.1	1.4	2.5	1.9	2.4	1.4	.8	.2	.1							100	100	8	4
82/ 81		.2	.8	1.7	3.2	2.7	1.8	1.1	.5	.1		.1						114	114	5	7
80/ 79		.3	1.0	3.7	2.6	1.9	1.6	1.7	.6	.6	.1							132	132	35	5
78/ 77		.4	1.5	1.8	1.8	1.6	1.9	1.1	.6	.1								102	102	80	15
76/ 75	.1	.4	2.0	2.0	1.5	2.0	1.7	1.8	.3									112	112	127	55
74/ 73	.4	.6	.8	1.4	1.2	1.0	1.2	.3										64	64	157	73
72/ 71		.2	.8	.1	.8	.3	.5	.1										26	26	141	132
70/ 69	.1	.8	.6		.2	.2	.2											20	20	99	118
68/ 67	.1	.4	.1				.1											7	7	94	108
66/ 65		.1	.2															3	3	67	88
64/ 63		.2																2	2	57	68
62/ 61																				40	58
60/ 59																				10	56
58/ 57																				3	42
56/ 55																					35
54/ 53																					25
52/ 51																					17
50/ 49																					15
48/ 47																					4
46/ 45																					2
40/ 39																					1
TOTAL	.8	3.8	7.9	12.9	16.5	18.4	16.3	12.2	6.2	2.6	1.5	1.0	.1						930		929
																		929		929	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.
Rel. Hum.	3856265	58357	62.8	14.326	929
Dry Bulb	6108116	75174	80.8	5.835	930
Wet Bulb	4751557	66269	71.3	5.122	929
Dew Point	4134221	61627	66.3	7.046	929

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb			92.5	87.2	53.9	2.7	93
Wet Bulb			75.3	41.8	3.2		93
Dew Point			51.9	16.0	1.4		93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) JUL (MONTH)

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

Temp. (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
	WET BULB TEMPERATURE DEPRESSION (F)																				
102/101													.1					1	1		
100/ 99												.2	.1		.1			4	4		
98/ 97						.1			.1		.2		.4	.5				13	13		
96/ 95					.4	.5		.5	.3	.8	.5	.8	.6	.2				44	44		
94/ 93					.1	.3	.1	.5	.9	.5	1.1	.3	.3					39	39		
92/ 91					.2	.3	.3	.5	.9	1.3	.2	.4						39	39		
90/ 89				.1	.2	.8	1.9	2.9	1.4	.9	.8	.1						84	84	3	
88/ 87			.2	.3	1.2	2.5	3.3	1.8	2.3	1.0	.9	.2						127	127	3	3
86/ 85				.9	1.1	3.1	2.6	1.8	2.3	1.5	.3	.2						128	128	5	2
84/ 83				.5	1.5	2.7	1.4	1.1	2.2	1.4	.1	.2						103	103	10	7
82/ 81			.1	1.7	1.6	1.7	1.6	1.2	1.7	1.0	.3	.3						105	105	17	5
80/ 79		.1	.8	1.2	1.8	.8	1.8	1.5	1.6	.6	.2							97	97	46	9
78/ 77		.3	1.0	.3	.4	.2	.6	1.5	.9	.4								53	53	105	20
76/ 75		.3	.8	.5	.4	1.0	.6	.6	.2									42	42	146	48
74/ 73	.3	.8	.4	.4	.1	.2		.2										23	23	160	105
72/ 71	.1	.2	.4	.1	.1			.1										10	10	102	93
70/ 69		.4	.4															8	8	102	103
68/ 67	.1		.4															5	5	90	104
66/ 65		.5																5	5	59	72
64/ 63																				52	65
62/ 61																				19	56
60/ 59																				9	74
58/ 57																					55
56/ 55																					37
54/ 53																					29
52/ 51																					18
50/ 49																					14
48/ 47																					6
46/ 45																					6
44/ 43																					2
TOTAL	.5	2.7	4.5	6.1	9.2	14.2	14.4	14.4	14.6	9.4	4.6	2.8	1.6	.8	.1			930	930	930	930

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.	3112213	51803	55.7	15.620	930							
Dry Bulb	6670673	78553	84.5	6.194	930			92.5	90.2	75.0	10.1	93
Wet Bulb	4885573	67231	72.3	5.224	930			79.1	49.7	5.4		93
Dew Point	4101646	61348	66.0	7.680	930			49.6	19.9	2.3		93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) JUL (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
102/101													.1					1	1		
100/ 99												.1	.2	.1	.1			5	5		
98/ 97						.1				.1	.1	.2	.2	.1	.1			9	9		
96/ 95					.1	.2	.1	.1	.5	.2	.4	.5	.2	.2				25	25		
94/ 93					.3		.3	.6	.9	1.0	.8	.5	.3					44	44		
92/ 91					.2	.4	.3	1.0	.8	1.2	.4	.5						45	45		
90/ 89					.2	.6	2.0	2.7	1.1	.8	.9	.3						80	80	1	
88/ 87		.1		.6	.4	3.1	2.8	1.5	.6	.8	1.0	.1						103	103	1	1
86/ 85		.1	.2	.4	.9	2.9	3.2	2.0	1.7	1.3	.6	.1						126	126	6	1
84/ 83			.2	.6	2.2	2.4	1.7	1.1	1.5	2.3	.5							116	116	6	7
82/ 81		.1	.5	1.4	1.8	2.4	1.8	1.1	1.2	.9	.5							109	109	20	2
80/ 79		.2	.5	1.8	.8	1.1	2.4	1.9	1.6	1.0	.1							106	106	46	17
78/ 77		.2	1.1	.6	.6	.6	.5	1.2	.6	.2								54	54	100	21
76/ 75	.2	.5	.8	.8		.4	.4	.5	.1									35	35	156	41
74/ 73		1.0	.3	.3	.2	.4	.2											23	23	147	91
72/ 71	.2	1.3	.4															18	18	105	118
70/ 69		1.0	.6	.1		.1												17	17	114	114
68/ 67	.1	.5	.5		.1													13	13	79	94
66/ 65	.1																	1	1	75	77
64/ 63																				49	66
62/ 61																				22	57
60/ 59																				3	51
58/ 57																					55
56/ 55																					35
54/ 53																					41
52/ 51																					17
50/ 49																					13
48/ 47																					10
46/ 45																					1
TOTAL	.6	5.2	5.3	6.8	7.8	14.8	15.9	13.8	10.6	9.6	5.4	2.5	1.1	.4	.2				930		930
																		930		930	

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.	3326613	53403	57.4	16.732	930							
Dry Bulb	6574434	77974	83.8	6.299	930			92.9	88.1	73.6	8.4	93
Wet Bulb	4871482	67144	72.2	5.065	930			78.1	48.3	5.2		93
Dew Point	4122014	61520	66.2	7.513	930			50.7	18.1	1.9		93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) JUL (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
94/ 93								.2	.1	.1								4	4		
92/ 91						.1		.2	.1	.1	.1							6	6		
90/ 89					.3	.3	.5	.9		.3	.1							23	23		
88/ 87				.1	.3	1.2	.3	.6	.9									32	32		
86/ 85			.1	.5	1.1	2.6	1.1	.5	.4	.1	.2							62	62		
84/ 83			.8	1.1	2.2	1.6	1.4	.9	.5		.1							79	79		
82/ 81		.3	.9	3.1	2.3	1.9	1.0	1.1	.4	.1								103	103	10	
80/ 79		.6	2.4	4.2	2.9	2.9	1.5	.6	.5	.2								148	148	25	13
78/ 77		1.7	1.8	2.6	2.5	2.3	1.8	.9	.2	.1								129	129	72	16
76/ 75	.1	1.8	1.9	1.7	2.6	1.9	1.4	.2	.1									110	110	125	57
74/ 73	.1	1.6	1.6	1.9	1.3	1.1	.8		.1									79	79	143	100
72/ 71	.5	2.5	2.3	.8	1.5	.5	.2											75	75	141	138
70/ 69		1.3	1.2	1.2	1.1	.3	.1											48	48	122	106
68/ 67	.2	.6	.4	.3	.6													21	21	108	106
66/ 65		.5	.1		.1	.1												8	8	82	81
64/ 63		.2																2	2	66	87
62/ 61			.1															1	1	24	64
60/ 59																				9	59
58/ 57																				2	44
56/ 55																				1	30
54/ 53																					15
52/ 51																					4
50/ 49																					7
48/ 47																					3
TOTAL	1.0	11.3	13.3	17.5	18.7	16.9	10.1	6.1	3.4	1.1	.5							930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	4710988	64782	69.7	14.614	930
Dry Bulb	5724111	72783	78.3	5.492	930
Wet Bulb	4692151	65911	70.9	4.744	930
Dew Point	4210707	62303	67.0	6.300	930

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb			91.9	77.5	39.1	.4	93
Wet Bulb			74.6	37.5	2.3		93
Dew Point			53.6	18.6	.5		93

USAFETAC FORM 0-26-3 JUL A JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) JUL (MONTH)

PAGE 1 2100-2300 (HOURS)

Temp. (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.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																					
88/ 87						.1													1	1		
86/ 85					.1														1	1		
84/ 83			.2	.3	.9	.1		.1											14	14		
82/ 81		.3	1.3	1.2	1.2	.2	.1												40	40	1	
80/ 79		.3	3.2	2.9	1.6	1.1	.1	.1											83	83	5	2
78/ 77	.1	2.2	3.9	3.1	1.0	.1	.1												94	94	35	14
76/ 75	.1	2.8	4.3	4.1	1.0	.9	.2												121	121	67	43
74/ 73	.5	5.4	3.5	3.3	.2	.8	.2												130	130	137	72
72/ 71	.5	6.8	3.9	2.4	1.3	.5													140	140	148	149
70/ 69	.4	3.5	2.7	2.8	1.5	.5													107	107	131	131
68/ 67	.5	2.8	2.0	2.5	.6	.1													80	80	111	125
66/ 65	.1	2.4	2.0	1.8															59	59	70	73
64/ 63	.1	1.9	1.2	.2	.2														34	34	96	75
62/ 61		1.0	.8	.1															17	17	75	70
60/ 59	.2	.3																	5	5	37	77
58/ 57		.2		.1															3	3	12	47
56/ 55			.1																1	1	3	36
54/ 53																					1	7
52/ 51																					1	5
50/ 49																						4
TOTAL	2.7	29.9	28.5	24.4	9.5	4.1	.8	.2										930		930		930
																			930		930	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	6315158	75976	81.7	10.798	930
Dry Bulb	4940647	67611	72.7	5.221	930
Wet Bulb	4422317	63959	68.8	5.046	930
Dew Point	4161587	61973	66.6	5.856	930

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.			81.1	48.4	9.5		93
Dry Bulb			63.5	24.5	.2		93
Wet Bulb			53.6	13.1	.1		93
Dew Point							

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) JUL (MONTH)

PAGE 1 ALL (HOURS)

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					2	2		
100/ 99												.0	.0	.0	.0			9	9		
98/ 97						.0			.0	.0	.0	.0	.1	.1	.0			22	22		
96/ 95					.1	.1	.0	.1	.1	.1	.1	.2	.1	.1				75	75		
94/ 93					.1	.1	.1	.2	.3	.2	.3	.1	.1					108	108		
92/ 91				.0	.1	.1	.1	.3	.3	.4	.1	.2						121	122		
90/ 89				.1	.1	.3	.7	1.0	.4	.3	.3	.1						231	231	4	
88/ 87		.0	.0	.1	.3	1.1	.9	.7	.6	.2	.3	.0						327	327	4	4
86/ 85		.0	.1	.3	.6	1.7	1.1	.7	.6	.4	.1	.1						422	422	18	4
84/ 83			.2	.5	1.2	1.2	.9	.6	.6	.5	.1	.0						433	433	26	19
82/ 81		.1	.6	1.4	1.5	1.2	.8	.6	.5	.3	.1	.1						520	520	54	16
80/ 79		.4	1.6	2.0	1.6	1.1	1.0	.8	.6	.3	.1							694	694	164	49
78/ 77	.0	1.2	1.9	1.8	1.1	.7	.6	.6	.3	.1								621	621	443	105
76/ 75	.2	2.0	2.8	2.1	.9	.8	.6	.4	.1									736	736	77[illegible]	[illegible]31
74/ 73	.5	3.2	2.3	1.7	.7	.6	.3	.1	.0									695	695	1036	[illegible]41
72/ 71	.5	4.2	2.2	.9	.8	.3	.1	.0										675	675	1051	972
70/ 69	.5	2.8	2.0	1.0	.6	.3	.1											539	539	995	998
68/ 67	.5	2.0	1.5	.6	.4	.1	.0											380	380	799	897
66/ 65	.2	1.8	1.0	.6	.2	.1												281	281	610	636
64/ 63	.1	1.6	.9	.4	.1	.0												229	229	565	573
62/ 61	.1	1.1	.6	.3	.0													150	150	389	545
60/ 59	.1	1.0	.2	.1														102	102	262	523
58/ 57	.1	.3	.1	.0	.0													41	41	147	412
56/ 55	.0	.2	.1															17	17	58	296
54/ 53		.1																4	4	26	183
52/ 51																				5	109
50/ 49		.1																5	5	4	79
48/ 47																				2	34
46/ 45																					9
44/ 43																					3
40/ 39																					1
TOTAL	2.7	21.9	17.9	14.0	10.3	9.7	7.5	6.0	4.4	2.8	1.5	.8	.3	.1	.0				7440		7439
																		7439		7439	

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.	41554534	539916	72.6	17.842	7439							
Dry Bulb	44008286	568960	76.5	8.183	7440			661.1	501.7	267.5	21.6	744
Wet Bulb	36345809	518267	69.7	5.665	7439			537.2	252.6	16.8		744
Dew Point	32807914	491494	66.1	6.711	7439			403.7	116.9	6.5		744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) AUG (MONTH)

PAGE 1 0000-0200 (HOURS)

Temp. (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
	WET BULB TEMPERATURE DEPRESSION (F)																				
82/ 81			.1	.1														2	2		
80/ 79		.3	.4	.3		.2												12	13		
78/ 77		1.5	.5	.3	.1	.1	.2											28	32	5	1
76/ 75	.4	2.9	1.5	.3		.1												49	50	33	25
74/ 73	1.4	5.1	3.1	.7	.1	.2	.1											98	99	57	46
72/ 71	1.7	6.9	1.5	.2	.3	.3												101	105	102	86
70/ 69	1.4	6.8	5.1	1.0	.3													134	135	95	105
68/ 67	1.4	8.3	3.9	1.7	.3													144	144	112	86
66/ 65	1.6	6.2	2.8	.7	.1													105	105	143	124
64/ 63	.7	3.9	1.9	.2														61	61	98	98
62/ 61	.4	3.9	.8	.2	.1													50	50	88	71
60/ 59	.3	4.7	1.3	.7														64	64	59	96
58/ 57		2.2	1.5	.1														35	35	49	66
56/ 55	.4	.9	1.2	.1														24	24	37	45
54/ 53		.4	.5															9	9	21	25
52/ 51		.1																1	1	11	21
50/ 49		.1																1	1	7	11
48/ 47																				1	7
46/ 45																					5
TOTAL	9.9	54.2	26.5	6.6	1.4	1.0	.3											918	930	918	918

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	7290028	81418	88.7	8.675	918
Dry Bulb	4285074	62902	67.6	5.739	930
Wet Bulb	3950609	59985	65.3	5.814	918
Dew Point	3805261	58815	64.1	6.358	918

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb			58.0	19.6	.5		93
Wet Bulb			40.9	9.6			93
Dew Point			35.4	7.3			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 — STATION
PHILLIPS/ABERDEEN MD — STATION NAME
48-57 — YEARS
AUG — MONTH

PAGE 1 — 0300-0500 HOURS

Temp. (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
	WET BULB TEMPERATURE DEPRESSION (F)																				
80/ 79			.2	.1														3	3		
78/ 77		1.0	.9			.1	.2											20	20		
76/ 75	.5	2.8	1.5	.2	.4	.1												52	57	20	14
74/ 73	.7	4.1	1.2	.4	.1	.2	.1											63	64	56	45
72/ 71	1.9	5.4	2.1	.2														86	88	75	63
70/ 69	3.8	6.8	3.5	.9	.1													138	143	104	106
68/ 67	2.3	5.1	4.8	.4	.1													117	118	99	87
66/ 65	2.2	8.2	2.0	.5	.2													120	120	136	90
64/ 63	.9	4.7	2.2	.5	.2													78	78	111	122
62/ 61	.9	4.7	1.2	.2	.1													65	65	71	65
60/ 59	.5	4.1	1.9	.1														61	61	69	74
58/ 57	.3	3.1	.9	.3	.1													43	43	62	59
56/ 55	.3	2.0	1.3															33	33	46	58
54/ 53	.4	1.3	.7	.1														23	23	28	41
52/ 51	.2	.4	.5	.1														12	12	26	26
50/ 49		.1	.1															2	2	9	27
48/ 47																				6	4
46/ 45																					7
44/ 43																					4
42/ 41																					1
TOTAL	14.9	53.8	24.8	4.2	1.4	.4	.3												930		918
																		918		918	

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.	7457061	82379	89.7	8.392	919							
Dry Bulb	4124095	61677	66.3	6.024	930			49.3	14.4			93
Wet Bulb	3829105	59019	64.3	6.154	918			35.9	7.7			93
Dew Point	3699283	57947	63.1	6.726	918			32.4	6.0			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) AUG (MONTH)

PAGE 1 0600-0800 (TIME)

Temp. (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.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88/ 87							.1		.1										2		2		
86/ 85				.1															1		1		
84/ 83			.2		.4		.1	.3	.1										11		12		
82/ 81			.2	.7	.5	.2	.1		.1										17		19		
80/ 79		.5	.7	1.1	.2	.5													28		29	3	
78/ 77		1.6	2.0	1.3	.7	.4		.1											56		57	11	6
76/ 75	.3	3.1	1.5	2.2	.5	.8													77		81	47	24
74/ 73	1.6	4.2	4.1	2.2	.4	.2	.2												120		121	84	67
72/ 71	1.3	4.8	3.8	1.9	1.2	.3	.3												125		126	88	92
70/ 69	1.3	6.9	3.3	2.6	.9	1.0	.1												146		146	144	99
68/ 67	.5	4.7	4.1	1.0	2.0		.1												114		115	116	125
66/ 65	.5	3.9	2.2	1.6	.3	.2													81		81	121	90
64/ 63	.3	2.5	1.0	1.2	.1	.1													48		48	94	91
62/ 61	.2	2.2	.7	.7	.3														37		37	66	87
60/ 59	.1	1.5	.7	.3		.1													25		25	69	69
58/ 57		1.1	.3	.1															14		14	31	50
56/ 55		.4	.5																9		9	23	49
54/ 53		.2	.2	.2															6		6	12	31
52/ 51		.1																	1		1	5	14
50/ 49																						3	12
48/ 47																						1	8
46/ 45																							1
44/ 43																							1
42/ 41																							2
TOTAL	6.3	37.8	25.9	17.1	7.9	3.9	1.1	.4	.3										918		930	918	918

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.	6517716	76566	83.4	11.965	918							
Dry Bulb	4611428	65264	70.2	5.817	930			70.9	32.2	5.2		93
Wet Bulb	4105543	61173	66.6	5.637	918			49.9	14.7	.2		93
Dew Point	3873867	59331	64.6	6.543	918			41.8	9.8			93

USAFETAC FORM 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57

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						
100/ 99															.1					
98/ 97														.1						
96/ 95									.1		.1	.1								
94/ 93							.1				.1	.2	.1							
92/ 91					.1	.2	.2	.7	.2		.2	.2	.1							
90/ 89						.3	.7	.2	.1	.3	.1		.1							
88/ 87					.5	1.1	1.0	.2	.2	.1	.1									
86/ 85				.4	1.3	2.2	.5	1.2	.4	.3										
84/ 83			.2	1.1	1.6	1.7	1.5	.1	.4			.1								
82/ 81			.4	2.0	1.2	2.0	1.1	1.1	.5											
80/ 79		.5	1.8	2.2	2.1	2.7	.9	.7	.5											
78/ 77		1.7	2.3	2.1	2.6	2.5	1.5	1.2	.3	.1										
76/ 75	.1	.8	2.3	2.9	1.8	1.6	1.3	1.5	.4											
74/ 73	.1	1.8	2.2	2.2	1.2	1.5	1.7	1.3	.1											
72/ 71	.2	2.4	1.7	1.1	1.2	1.4	.2	.2												
70/ 69	.3	1.1	.9	.9	1.2	.7	.3													
68/ 67	.3	.8	1.0	.3	.3	.7	.4													
66/ 65	.2	.1	.3	.1	.1	.1	.2													
64/ 63		.1			.2															
62/ 61		.2																		
60/ 59																				
58/ 57																				
56/ 55																				
54/ 53																				
52/ 51																				
50/ 49																				
48/ 47																				
46/ 45																				
TOTAL	1.3	9.5	13.1	15.2	15.5	17.9	12.4	8.4	3.9	.9	.8	.7	.4	.1						

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature: <32 F	<67 F	>73 F	>80 F	>93 F	Tots
Rel. Hum.	4405213	62055	67.3	15.755	922						
Dry Bulb	5673564	72414	77.9	6.145	930		91.4	74.9	37.4	1.2	93
Wet Bulb	4516857	64364	69.8	5.278	922		67.9	30.4	1.4		93
Dew Point	3990756	60298	65.4	7.168	922		49.2	15.3	.2		93

USAFETAC FORM 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A137 577 PHILLIPS ABERDEEN MARYLAND REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBS..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 03 NOV 83 5/5

UNCLASSIFIED USAFETAC/DS-83/047 SBI-AD-E850 500 F/G 4/2 NL

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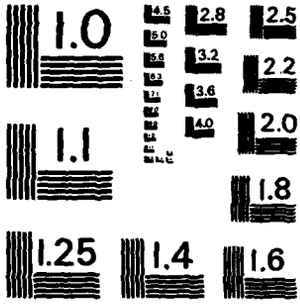

MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) AUG (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
102/101															.3	.1		4	4		
98/ 97								.3		.1			.3	.3				10	12		
96/ 95					.1	.1	.1	.1	.4	.1	.1	.4	.1					15	18		
94/ 93						.1	.2	.6	.5	.1	.2	.2						19	20		
92/ 91						.4	.8	.2	.6	.1	.4	.5						29	29		
90/ 89				.2		.3	1.4	1.6	.3	.8	.4	.1						48	48		
88/ 87				.1	.3	1.5	2.3	1.6	.8	.8	.5							73	73	1	
86/ 85				.8	1.2	3.0	1.9	1.6	1.4	.4	.3							99	99	1	1
84/ 83			.4	1.3	1.8	1.8	2.3	1.8	1.4	.2	.2							105	105	8	1
82/ 81			.8	1.8	1.6	2.2	1.2	1.5	.6	.8	.2							99	99	11	3
80/ 79		.2	1.7	1.7	2.1	1.9	2.3	1.6	1.2	1.1	.3							131	131	41	7
78/ 77		.8	1.2	2.2	2.6	.5	1.7	1.9	1.6	.9								124	124	90	25
76/ 75		.3	1.1	1.3	.5	1.2	.9	1.6	.4									68	68	121	57
74/ 73		.1	1.1	1.1	.6	1.0	.4	.3	.1									44	44	125	81
72/ 71		1.3	.6	.2			.4	.1										25	25	132	97
70/ 69	.1	.8	.5	.2		.1	.1	.1										18	18	120	105
68/ 67	.2	.2	.2															6	6	86	100
66/ 65		.1	.1	.3														5	5	64	79
64/ 63		.1	.1															2	2	57	66
62/ 61																				46	59
60/ 59																				17	68
58/ 57																				4	43
56/ 55																					32
54/ 53																					33
52/ 51																					28
50/ 49																					23
48/ 47																					7
46/ 45																					7
44/ 43																					2
TOTAL	.3	3.9	7.9	11.3	10.9	14.3	16.0	15.3	9.5	5.3	2.8	1.3	.4	.3	.3	.1			930		929
																		924		924	

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.	3530411	55193	59.7	15.908	924							
Dry Bulb	6266257	76113	81.8	6.313	930			92.3	87.4	58.1	5.4	93
Wet Bulb	4707569	65769	71.2	5.330	924			74.1	40.1	3.8		93
Dew Point	4018698	60520	65.5	7.703	924			48.0	17.6	.8		93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) AUG (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
98/ 97						.1		.1	.2			.1	.3					8	8		
96/ 95							.3	.2	.3	.1		.1	.2	.2				14	16		
94/ 93							.3	.4	.2	.3	.4	.1						17	18		
92/ 91						.2	.3	.4	.4	.2	.2	.3						20	20		
90/ 89					.3	.2	.6	1.0	.3	.5	.1	.4						33	34		
88/ 87				.1	1.2	1.4	2.2	1.5	1.6	.5	.2							81	81	1	
86/ 85			.2	.4	2.1	2.9	1.8	1.8	1.0	.2								97	97		
84/ 83				1.3	1.7	2.3	1.9	1.4	.5	.5	.1							91	93	5	1
82/ 81		.1	.6	1.3	2.1	2.9	2.1	1.8	.9	.3								112	112	18	1
80/ 79		.3	1.3	2.1	1.9	3.2	1.9	2.8	1.0	.6	.4							145	145	34	12
78/ 77		.8	3.1	1.8	2.9	1.4	1.6	.8	1.7	.6	.1							138	138	80	25
76/ 75		.9	.9	.9	1.2	1.9	1.5	1.1	.5									82	82	116	49
74/ 73		.3	.1	.4	.1	.6	.4	.8	.3	.1								30	30	158	87
72/ 71		1.2	1.0	.2	.1		.2											25	25	124	108
70/ 69	.2	.9	.2															12	12	125	110
68/ 67	.2	.3	.3	.2														10	10	91	102
66/ 65	.1	.1																2	2	66	74
64/ 63	.1	.4																5	5	53	78
62/ 61		.2																2	2	35	66
60/ 59																				16	52
58/ 57																				2	50
56/ 55																					35
54/ 53																					16
52/ 51																					25
50/ 49																					14
48/ 47																					11
46/ 45																					5
44/ 43																					3
TOTAL	.6	5.5	7.8	8.8	13.6	17.3	15.4	14.2	9.1	4.2	1.6	1.1	.5	.2				924	930	924	924

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.	3708072	56696	61.4	15.760	924							
Dry Bulb	6183328	75630	81.3	5.951	930			92.1	87.4	55.6	4.2	93
Wet Bulb	4713701	65827	71.2	5.110	924			75.7	41.5	3.9		93
Dew Point	4063004	60892	65.9	7.374	924			49.8	17.6	.8		93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) AUG (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
92/ 91							.1											1	2		
90/ 89						.1	.1			.1								3	3		
88/ 87					.4	.2	.4	.1		.1	.1							13	14		
86/ 85				.2	.4	.7	.2	.3	.1	.2								20	20		
84/ 83			.2	.7	1.1	.7	1.0	.1		.1								35	37		
82/ 81			.7	1.7	.8	1.5	.3	.3	.2									51	54		
80/ 79		.8	2.8	2.6	2.1	1.6	.2	.4										97	98	18	1
78/ 77		2.3	2.6	3.9	2.7	.7	.5	.2										119	120	32	20
76/ 75	.1	1.7	4.1	4.1	2.3	1.6	.8	.3										139	139	92	37
74/ 73	.1	2.9	4.0	3.8	2.3	.7	.4	.8										138	138	105	89
72/ 71	.1	2.8	3.1	2.1	1.6	1.3	.3	.1										106	106	145	81
70/ 69	.4	2.6	2.2	2.4	1.2	.5	.1											87	87	142	140
68/ 67	.4	1.5	.8	1.0	.8	.2	.1											44	44	125	126
66/ 65	.1	.4	1.1	1.2	.4													30	30	90	107
64/ 63		1.1	.5		.1	.2												18	18	58	67
62/ 61	.5	.5	.5	.1														16	16	61	73
60/ 59	.1		.1															2	2	38	55
58/ 57		.1	.1															2	2	10	50
56/ 55																				4	34
54/ 53																				1	18
52/ 51																					9
50/ 49																					11
48/ 47																					1
46/ 45																					2
TOTAL	2.0	16.8	22.9	23.8	16.2	10.0	4.7	2.7	.3	.5	.1							921	930	921	921

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.	5930774	69658	75.6	13.283	921							
Dry Bulb	5228589	69539	74.8	5.578	930			86.2	62.5	18.1		93
Wet Bulb	4426536	63682	69.1	5.031	921			66.5	28.9	.8		93
Dew Point	4062654	60898	66.1	6.258	921			69.9	18.8			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) AUG (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
84/ 83			.1	.3														4	4		
82/ 81			.2	.5		.3												10	13		
80/ 79		.4	.7	.2	.4	.1	.1	.1										19	19	2	
78/ 77	.1	1.5	2.2	.8	.4	.2	.1	.1										50	52	14	6
76/ 75	1.2	4.5	3.5	2.0	.2	.1												105	107	48	38
74/ 73	.2	4.7	3.4	2.8	1.0	.2												113	115	79	51
72/ 71	.3	6.7	4.3	1.2	1.0	.1												126	126	96	89
70/ 69	.9	7.4	5.1	1.1	1.1													143	143	133	112
68/ 67	.7	5.3	4.5	1.5	.3													113	113	154	132
66/ 65	.8	3.6	2.4	.8	.1	.1												71	71	112	114
64/ 63	.3	3.1	2.1	1.1	.4													65	65	79	88
62/ 61	.1	3.0	1.2	.3	.1													44	44	74	74
60/ 59	.1	2.3	.9	.1	.1													32	32	49	78
58/ 57	.2	.9	.2	.1														13	13	49	47
56/ 55	.2	.8	.1															10	10	18	55
54/ 53		.2	.1															3	3	9	17
52/ 51																				5	9
50/ 49																					8
46/ 45																					3
TOTAL	5.1	44.4	30.8	12.8	5.2	1.2	.2	.2											930		921
																		921		921	

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	≥ 92 F	Total
Rel. Hum.	6872934	79060	85.8	9.686	921							
Dry Bulb	4557788	64904	69.8	5.508	930			69.2	31.0	2.3		93
Wet Bulb	4141232	61556	66.8	5.425	921			53.1	14.4			93
Dew Point	3950995	60065	65.2	6.055	921			43.2	9.6			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) AUG (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		4	4		
100/ 99														.0				1	1		
98/ 97						.0		.1	.0	.0		.0	.1	.0				19	21		
96/ 95					.0	.0	.1	.0	.1	.0	.0	.1	.0	.0				32	37		
94/ 93						.0	.1	.1	.1	.1	.1	.1	.0					41	45		
92/ 91					.0	.1	.2	.2	.2	.0	.1	.1	.0					69	72		
90/ 89				.0	.0	.1	.4	.4	.1	.2	.1	.1	.0					101	102		
88/ 87				.0	.3	.5	.7	.4	.4	.2	.1							203	205	2	
86/ 85			.0	.2	.6	1.1	.6	.6	.4	.1	.0							276	277	1	1
84/ 83			.1	.6	.8	.8	.9	.5	.3	.1	.0	.0						309	314	15	2
82/ 81		.0	.4	1.0	.8	1.1	.6	.6	.3	.1	.0							367	375	31	4
80/ 79		.4	1.2	1.3	1.1	1.2	.7	.7	.3	.2	.1							536	539	121	22
78/ 77	.0	1.4	1.9	1.5	1.5	.7	.7	.5	.5	.2	.0							667	675	298	102
76/ 75	.3	2.1	2.0	1.7	.9	.9	.6	.6	.2									690	704	579	292
74/ 73	.5	2.9	2.4	1.7	.7	.6	.4	.4	.1	.0								718	723	770	549
72/ 71	.7	3.9	2.3	.9	.3	.4	.3	.1										680	685	900	725
70/ 69	1.1	4.1	2.6	1.1	.6	.3	.1	.0										727	733	1003	877
68/ 67	.8	3.3	2.4	.8	.5	.1	.1											580	582	876	880
66/ 65	.7	2.8	1.4	.7	.2	.1	.0											425	425	812	751
64/ 63	.3	2.0	1.0	.4	.1	.0												280	280	624	689
62/ 61	.3	1.8	.5	.2	.1													216	216	496	580
60/ 59	.1	1.6	.6	.1	.0	.0												184	184	342	549
58/ 57	.1	.9	.4	.1	.0													107	107	220	409
56/ 55	.1	.5	.4	.0														76	76	130	350
54/ 53	.1	.3	.2	.0														41	41	72	212
52/ 51	.0	.1	.1	.0														14	14	47	156
50/ 49		.0	.0															3	3	19	123
48/ 47																				8	45
46/ 45																					35
44/ 43																					10
42/ 41																					3
TOTAL	5.1	28.2	19.9	12.5	9.0	8.3	6.3	5.2	2.9	1.4	.7	.4	.2	.1	.0	.0			7440		7366
																		7366		7366	

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	≥ 92 F	Total
Rel. Hum.	45212209	563029	76.4	17.193	7366							
Dry Bulb	40930083	548443	73.7	8.209	7440			609.4	409.4	173.2	10.8	744
Wet Bulb	34393149	501375	68.1	6.015	7366			464.2	183.5	10.2		744
Dew Point	31868518	478766	65.0	6.857	7366			398.9	98.2	1.8		744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) SEP (MONTH)

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

Temp. (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
	WET BULB TEMPERATURE DEPRESSION (F)																				
80/ 79		.1	.1	.1														3	3		
78/ 77		.3	.8		.1													11	11	1	
76/ 75	.1	1.3	1.2			.2												26	26	14	9
74/ 73	.1	1.6	.9	.3	.1													27	27	19	12
72/ 71	.2	1.9	.7	.2														27	27	27	31
70/ 69	1.8	4.3	1.3	.4	.1	.1												73	73	59	47
68/ 67	1.2	4.4	1.3	.3	.1		.1											68	68	58	64
66/ 65	1.8	6.1	.8	.8	.4	.1	.1											91	91	72	61
64/ 63	1.0	5.3	1.1	.7	.1	.1												75	75	79	68
62/ 61	2.0	4.4	1.8	.2	.2													78	78	70	78
60/ 59	.8	5.3	1.2	1.0	.2													77	77	76	61
58/ 57	.4	4.6	2.1	.9	.1	.1												74	74	73	66
56/ 55	.4	3.1	1.4	.1	.1													47	47	64	69
54/ 53	.7	4.2	2.0	.9	.1													71	71	61	48
52/ 51	.2	3.9	.9	.1														46	46	60	51
50/ 49	.1	3.8	1.2	.3	.1													50	50	63	71
48/ 47	.1	1.4	.1	.1	.1													17	17	42	54
46/ 45	.8	1.1		.1														18	18	29	43
44/ 43	.1	.2	.6															8	8	9	30
42/ 41		.6	.2															7	7	4	9
40/ 39		.4	.1															5	5	14	7
38/ 37		.1																1	1	5	4
36/ 35																				1	9
34/ 33																					4
32/ 31																					3
30/ 29																					1
TOTAL	11.9	58.7	19.9	6.7	2.0	.7	.2											900	900	900	900

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.	7150598	79744	88.6	9.719	900							
Dry Bulb	3386635	54719	60.8	8.155	900			23.5	6.7			90
Wet Bulb	3173126	52918	58.8	8.282	900			17.8	3.4			90
Dew Point	3033566	51618	57.4	9.017	900		.4	16.3	2.1			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) SEP (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
80/ 79			.2															2	2		
78/ 77		.1	.4		.1													6	6		
76/ 75		1.3	.7			.2												20	20	7	3
74/ 73	.1	1.9	.1		.2													21	21	20	17
72/ 71	.8	2.0	.7															31	31	32	29
70/ 69	1.2	3.0	.9	.1														47	49	34	37
68/ 67	3.0	3.7	1.3	.4														76	76	65	59
66/ 65	1.6	5.1	.8	.3	.1	.1												72	73	61	54
64/ 63	1.6	5.4	1.3	.9	.1	.1												84	84	79	62
62/ 61	1.6	4.0	1.1	.8	.1													68	68	66	76
60/ 59	1.2	4.5	1.0		.1	.1												62	62	65	52
58/ 57	1.0	4.3	1.4	.2	.2													65	65	67	73
56/ 55	.7	4.7	1.8	.7	.1													71	71	63	45
54/ 53	1.1	4.0	1.9	.3														66	66	61	75
52/ 51	.7	3.8	1.7		.3													58	58	67	52
50/ 49	.6	4.5	.9															53	53	64	62
48/ 47	.2	3.5	.6															38	38	54	57
46/ 45	1.2	1.1																21	21	49	57
44/ 43	.4	.9	.2															14	14	16	44
42/ 41		.4	.2	.1														7	7	4	15
40/ 39	.3	.2	.2															7	7	8	7
38/ 37	.2	.4	.1															7	7	6	3
36/ 35	.1																	1	1	9	6
34/ 33																					8
32/ 31																					2
30/ 29																					2
TOTAL	17.6	58.9	17.6	3.9	1.4	.6												897	900	897	897

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.	7339180	80744	90.0	8.899	897							
Dry Bulb	3244147	53489	59.4	8.515	900			20.5	4.9			90
Wet Bulb	3049666	51730	57.7	8.608	897			15.9	2.7			90
Dew Point	2933898	50630	56.4	9.216	897		.8	18.5	2.0			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (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				.1				.1										2	2		
82/ 81				.4	.1		.1											6	6		
80/ 79			.4		.1													5	5		
78/ 77		.3	.8	.1	.1													12	12	1	
76/ 75		1.2	.7	.8	.1													25	25	16	5
74/ 73	.3	1.8	1.3	.4	.4	.2												41	41	24	21
72/ 71	.6	2.9	1.3	.3	.6	.1												52	52	42	35
70/ 69	.7	3.3	1.8	1.3	.3													67	67	54	57
68/ 67	2.1	3.7	2.6	1.0	.4	.1												89	90	70	51
66/ 65	.6	5.1	1.6	1.9	.3	.1			.1									87	87	62	54
64/ 63	.8	4.0	2.6	2.1	.3	.7		.1										95	95	89	69
62/ 61	.4	3.4	2.3	1.6	.7	.2												78	78	71	72
60/ 59	.4	3.1	1.9	.7	.8		.1											63	63	78	75
58/ 57	.6	3.3	1.9	.4	1.0													65	65	68	60
56/ 55	.3	3.1	2.2	1.1	.1													62	62	75	61
54/ 53	.7	1.9	1.6	.8	.2													46	46	56	73
52/ 51	.1	1.9	.8	.2	.1													28	28	55	51
50/ 49	.2	1.7	.8	.2														26	26	51	48
48/ 47	.3	1.3	.3		.1													19	19	36	43
46/ 45	.2	.9	.1															11	11	22	43
44/ 43	.1	.6	.1															7	7	11	33
42/ 41		.4																4	4	5	21
40/ 39		.3	.1															4	4	4	6
38/ 37		.4																4	4	3	6
36/ 35	.1																	1	1	6	9
34/ 33																					3
32/ 31																					3
TOTAL	8.6	44.8	25.1	13.6	5.9	1.4	.2	.2	.1										900		899
																		899		899	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.
Rel. Hum.	6505246	75752	84.3	11.665	899
Dry Bulb	3572347	56215	62.5	8.244	900
Wet Bulb	3250351	53547	59.6	8.238	899
Dew Point	3043526	51658	57.5	9.149	899

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb			30.0	9.1	1.0		90
Wet Bulb			20.7	4.1			90
Dew Point		.3	16.9	2.6			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) SEP (MONTH)

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

Temp. (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
	WET BULB TEMPERATURE DEPRESSION (F)																				
94/ 93								.1										1	1		
92/ 91							.1	.1										2	2		
90/ 89							.2	.2	.1		.1							6	6		
88/ 87					.1	.4	.1			.1								7	7		
86/ 85				.2	.4	.6		.3										14	14		
84/ 83				.1	1.0	.6	.6	.1	.1									22	22		
82/ 81			.2	1.1	1.1	.2	.1	.7		.1								32	32		
80/ 79			.2	1.4	.6	.9	.9	.7	.1									43	43	8	
78/ 77			1.6	1.9	1.7	1.1	1.2	.6	.1	.1								74	74	15	2
76/ 75	.1	.7	1.4	2.2	2.1	1.7	.9	.6	.3									90	90	34	8
74/ 73	.2	1.0	1.0	2.7	1.7	1.6	1.1	.8	.1									91	91	61	44
72/ 71	.1	1.0	2.7	1.4	1.6	1.0	1.1	.7										86	86	54	52
70/ 69	.7	.7	2.3	1.8	1.7	1.3	1.3	.1	.1		.2							92	92	79	55
68/ 67		1.0	1.3	1.7	2.6	1.6	1.0	.3		.1								86	86	100	43
66/ 65		1.3	1.0	2.3	1.9	.9	1.3	.1										80	80	79	84
64/ 63		.9	.8	1.3	.9	1.7	.8	.1										58	58	78	60
62/ 61		.6	.7	1.0	.7	.4	.7											36	36	86	68
60/ 59		1.1	.7	1.1	.2	.6	.3											36	36	80	74
58/ 57		.3	.1	.6	.3	.3												15	15	76	70
56/ 55		.2	.2	.2	.3	.1												10	10	38	57
54/ 53		.2	.1	.1	.2	.1	.1											8	8	49	65
52/ 51		.2	.1	.1	.1													5	5	28	46
50/ 49		.1	.1	.1	.1													4	4	15	41
48/ 47			.1															1	1	8	36
46/ 45			.1															1	1	7	19
44/ 43																				3	24
42/ 41																				2	17
40/ 39																					13
38/ 37																					9
36/ 35																					5
34/ 33																					1
32/ 31																					3
30/ 29																					1
28/ 27																					2

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) SEP (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
26/ 25																					1
TOTAL	1.1	9.3	14.8	21.4	19.2	15.0	11.9	5.4	1.0	.4	.3								900		900
																		900		900	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_n	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4281832	60588	67.3	15.029	900							
Dry Bulb	4564520	63736	70.8	7.523	900			64.6	38.2	10.6	.1	90
Wet Bulb	3703048	57346	63.7	7.389	900			35.1	11.8	.1		90
Dew Point	3199476	52974	58.9	9.517	900		.7	20.4	5.4			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) SEP (MONTH)

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

Temp. (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
	WET BULB TEMPERATURE DEPRESSION (F)																				
98/ 97											.1	.1						2	2		
96/ 95									.1	.2	.1	.1						5	5		
94/ 93									.1	.1	.1	.2						5	5		
92/ 91							.1	.1	.3		.1	.1		.1				8	8		
90/ 89						.1	.4	.7										11	11		
88/ 87					.1	1.6	.3	.3	.3			.2						26	26		
86/ 85					.6	1.2	.8	1.1	.4	.2		.1						40	40		
84/ 83					1.3	1.3	.8	.4	1.2	.3								49	49		
82/ 81				1.2	1.1	1.9	1.0	2.2	1.0	.3	.3	.1						83	83		
80/ 79			.8	.8	.6	2.4	1.6	1.7	1.3	.8	.2							91	91	10	
78/ 77			.8	1.4	2.0	1.1	.8	1.4	.7	.3	.1		.1					79	79	32	1
76/ 75	.1	.2	.7	1.4	2.0	1.7	1.9	1.4	1.7	.3	.1		.1					105	105	56	12
74/ 73		.3	.1	1.1	1.2	1.6	1.4	1.2	.8			.1						71	71	54	48
72/ 71	.2	.6	.4	.3	.8	1.2	1.4	1.0	.6									59	59	77	50
70/ 69	.1	.3	1.3	.2	1.7	1.6	1.7	1.2	.6									78	78	84	49
68/ 67		.2	.9	1.6	1.3	.4	.4	1.1	.1									55	55	81	46
66/ 65	.1	.4	.9	.8	.7	.9	1.0	.7										49	49	85	70
64/ 63	.1	.4	.8	.7	.3	.1	.3	.4										29	29	83	70
62/ 61		.7		.7	.1	.2	.2	.2										19	19	93	52
60/ 59			.3	.6	.1		.6	.1										15	15	80	70
58/ 57		.2	.3			.2												7	7	56	77
56/ 55		.4	.2		.1													7	7	39	65
54/ 53		.1		.2														3	3	36	64
52/ 51				.1	.2	.1												4	4	13	37
50/ 49																				6	52
48/ 47																				11	35
46/ 45																				1	26
44/ 43																				2	20
42/ 41																				1	23
40/ 39																					9
38/ 37																					7
36/ 35																					7
34/ 33																					5
32/ 31																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature

≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) SEP

PAGE 2 1200-1400

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
30/ 29																					1
28/ 27																					2
26/ 25																					1
TOTAL	.7	4.0	7.6	11.1	14.2	17.7	14.8	15.4	9.2	2.7	1.2	1.1	.2	.1				900	900	900	900

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.	3319678	52758	58.6	15.890	900							
Dry Bulb	5122555	67519	75.0	7.077	900			76.7	57.5	28.7	1.2	90
Wet Bulb	3862179	58601	65.1	7.195	900			39.4	15.2	.2		90
Dew Point	3178695	52773	58.6	9.681	900		.5	20.6	6.1			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MO (STATION NAME) 48-57 (YEARS) SEP (MONTH)

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

Temp. (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
	WET BULB TEMPERATURE DEPRESSION (F)																				
96/ 95										.2								2	2		
94/ 93									.1		.2							3	3		
92/ 91							.1		.4	.1	.2			.1				9	9		
90/ 89						.2	.2	.4	.1			.2						11	11		
88/ 87					.1	.8	.3		.2									13	13		
86/ 85					.7	1.3	.7	.8	.1			.1						33	33		
84/ 83				.3	1.2	.6	1.0	.6	.6	.2	.1							41	41		
82/ 81			.2	.9	1.3	1.4	1.0	1.0	.8	.3	.1							64	64		
80/ 79			.3	1.2	1.1	1.8	1.2	1.6	1.1		.1			.3				79	79	7	
78/ 77		.2	.7	1.3	2.0	2.0	1.7	1.1	.8	.3								91	91	32	2
76/ 75		.3	.8	2.0	2.1	1.8	1.9	1.0	.9	.1								98	98	45	15
74/ 73		.7	.7	2.4	.9	1.4	1.6	1.3	.7									87	87	54	39
72/ 71	.2	.7	.7	.9	1.7	1.3	1.4	.9	.4	.1								75	75	78	44
70/ 69	.2	.2	1.1	.3	1.8	1.4	1.3	1.0	.2									69	69	90	58
68/ 67		.4	1.0	.9	1.8	1.6	.8	.7										64	64	79	59
66/ 65	.3	.7	1.1	1.0	.7	1.0	1.0	.2										54	54	93	68
64/ 63	.2	.8	1.1	.8	.2	.3	.3	.3										37	37	84	81
62/ 61	.1	.7	.8	.6	.2	.2	.4	.2										29	29	90	52
60/ 59		.3	.6	.3	.1	.2	.7											20	20	84	72
58/ 57	.1	.2	.1		.1	.2	.1											8	8	62	74
56/ 55		.2																2	2	40	64
54/ 53	.3	.2		.1														6	6	27	65
52/ 51			.2		.1	.1												4	4	14	43
50/ 49																				8	42
48/ 47				.1														1	1	10	36
46/ 45																					23
44/ 43																				1	24
42/ 41																				2	13
40/ 39																					5
38/ 37																					6
36/ 35																					7
34/ 33																					2
32/ 31																					2
28/ 27																					4

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) SEP (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
TOTAL	1.6	5.7	9.3	13.2	16.1	17.8	15.8	11.1	6.4	1.4	.8	.3		.4				900	900	900	900

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.	3676645	55661	61.8	16.142	900							
Dry Bulb	4970890	66520	73.9	7.773	900			73.9	53.1	22.4	.5	90
Wet Bulb	3843726	58478	65.0	7.003	900			38.5	13.8	.1		90
Dew Point	3225820	53224	59.1	9.331	900		.6	21.7	5.6			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MO (STATION NAME) 48-57 (YEARS) SEP (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
88/ 87						.1	.1	.1										3	3		
86/ 85					.1													1	1		
84/ 83				.2	.3	.2												7	7		
82/ 81			.1	.9	.2	.4	.1	.2										18	18		
80/ 79			.7	1.0	.2	.3	.2											22	22		
78/ 77		.1	1.3	1.0	.7	.3			.1									32	32	7	
76/ 75		1.1	1.9	1.6	1.3	.2	.3					.1						59	59	29	4
74/ 73	.1	1.9	2.0	2.1	.7	.7	.1											68	68	39	36
72/ 71	.6	1.6	3.7	1.4	1.2	.4	.2	.1										83	83	53	50
70/ 69	.7	2.4	2.4	3.0	1.2	.8	.3		.2									100	100	80	50
68/ 67	.2	2.1	2.8	1.8	1.3	.1	.1	.1										77	77	83	71
66/ 65	.2	3.4	2.7	2.0	1.2	.7												92	92	75	68
64/ 63	.2	1.9	3.4	1.3	.7	.6		.1										74	74	90	72
62/ 61	.6	2.6	1.9	1.6	.9	.1												68	68	80	69
60/ 59	.3	1.9	2.1	1.8	.7	.1												62	62	106	87
58/ 57	.1	1.8	1.8	1.0	.4	.1												47	47	54	77
56/ 55	.2	1.7	1.1	.7	.4	.1												38	38	66	61
54/ 53		.4	1.0	.4	.1													18	18	56	71
52/ 51	.2	.8	.2	.2	.1													14	14	34	48
50/ 49		.3	.1	.2														6	6	20	39
48/ 47		.3	.1															4	4	11	41
46/ 45		.2	.4	.1														7	7	10	16
44/ 43																				3	10
42/ 41																				4	11
40/ 39																					6
38/ 37																					9
36/ 35																					3
32/ 31																					1
TOTAL	3.4	24.6	29.8	22.3	11.9	5.3	1.6	.7	.3			.1						900	900		900
																				900	

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.	5651792	70410	78.2	12.629	900							
Dry Bulb	4062192	60074	66.7	7.629	900			47.0	21.0	4.1		90
Wet Bulb	3553208	56166	62.4	7.313	900			29.1	7.5			90
Dew Point	3245305	53511	59.5	8.919	900		.1	21.1	4.0			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) SEP (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
82/ 81			.1															1	1		
80/ 79			.2	.3			.1											6	6		
78/ 77		.6	1.2	.1	.3													20	20	2	1
76/ 75		.8	.9	1.6	.1			.1										31	31	12	1
74/ 73	.1	1.2	1.1	.7	.1													29	29	19	20
72/ 71	.4	2.0	2.4	.9	.2	.1		.1										56	56	35	28
70/ 69	1.1	4.8	1.8	.6		.2	.1											77	77	76	53
68/ 67	.9	5.4	2.2	.6	.1	.1	.1											85	85	74	73
66/ 65	.2	5.9	1.6	1.4	.1	.1												84	84	73	69
64/ 63	.7	4.8	2.2	1.3	.8	.1												89	89	77	72
62/ 61	.4	4.6	1.9	1.0	.2													73	73	68	72
60/ 59	1.1	4.7	1.4	1.0	.4	.2												80	80	94	67
58/ 57	.6	2.4	2.1	.7	.2													54	54	74	79
56/ 55	.3	4.3	2.0	1.1	.1	.1												72	72	64	58
54/ 53	.1	3.3	2.1	.1	.2													53	53	64	64
52/ 51	.2	1.6	.9	.1														25	25	54	62
50/ 49	.2	2.6	.4		.1													30	30	40	49
48/ 47	.2	1.2	.2	.1														16	16	39	45
46/ 45		.4	.2															6	6	13	38
44/ 43		.2	.7															8	8	6	14
42/ 41		.2	.1															3	3	11	11
40/ 39																				3	7
38/ 37		.2																2	2		8
36/ 35																				2	5
34/ 33																					3
32/ 31																					1
TOTAL	6.7	51.2	25.9	11.6	3.1	1.0	.3	.2										900	900	900	900

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.	6701543	77101	85.7	10.359	900							
Dry Bulb	3586946	56378	62.6	7.843	900			30.5	8.7	.4		90
Wet Bulb	3298849	54031	60.0	7.831	900			21.8	3.3			90
Dew Point	3112937	52361	58.2	8.609	900		.1	17.6	2.2			90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) SEP (MONTH)

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

Temp. (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
	WET BULB TEMPERATURE DEPRESSION (F)																				
98/ 97											.0	.0						2	2		
96/ 95									.0	.1	.0	.0						7	7		
94/ 93								.0	.0	.0	.0	.0						9	9		
92/ 91							.0	.0	.1	.0	.0	.0		.0				19	19		
90/ 89						.0	.1	.2	.0		.0	.0						28	28		
88/ 87					.0	.4	.1	.1	.1	.0		.0						49	49		
86/ 85				.0	.2	.4	.2	.3	.1	.0		.0						88	88		
84/ 83				.1	.5	.3	.3	.2	.2	.1	.0							121	121		
82/ 81			.1	.6	.5	.5	.1	.5	.2	.1	.1	.0						204	204		
80/ 79		.0	.4	.6	.3	.7	.5	.5	.3	.1	.0			.0				251	251	25	
78/ 77		.2	.9	.7	.9	.6	.5	.4	.2	.1	.0		.0					325	325	90	6
76/ 75	.0	.9	1.0	1.2	1.0	.7	.6	.4	.4	.1	.0	.0	.0					454	454	213	57
74/ 73	.1	1.3	.9	1.2	.7	.7	.5	.4	.2			.0						435	435	290	237
72/ 71	.4	1.6	1.6	.7	.8	.5	.5	.3	.1	.0								469	469	398	319
70/ 69	.8	2.4	1.6	1.0	.8	.7	.6	.3	.1		.0							603	605	556	406
68/ 67	.9	2.6	1.7	1.0	1.0	.5	.3	.3	.0	.0								600	601	610	466
66/ 65	.6	3.5	1.3	1.3	.7	.5	.4	.1	.0									609	610	600	528
64/ 63	.6	2.9	1.7	1.1	.4	.5	.2	.1										541	541	659	554
62/ 61	.6	2.6	1.3	.9	.4	.2	.2	.1										449	449	624	539
60/ 59	.5	2.6	1.2	.8	.3	.2	.2	.0										415	415	663	558
58/ 57	.3	2.2	1.2	.5	.3	.1	.0											335	335	530	576
56/ 55	.3	2.2	1.1	.5	.2	.0												309	309	449	480
54/ 53	.4	1.8	1.1	.4	.1	.0	.0											271	271	410	525
52/ 51	.2	1.5	.6	.1	.1	.0												184	184	325	390
50/ 49	.1	1.6	.4	.1	.0													169	169	267	404
48/ 47	.1	1.0	.2	.0	.0													96	96	211	347
46/ 45	.1	.5	.1	.0														64	64	131	265
44/ 43	.1	.2	.2															37	37	51	199
42/ 41		.2	.1	.0														21	21	33	120
40/ 39	.0	.1	.1															16	16	29	60
38/ 37	.0	.2	.0															14	14	14	52
36/ 35	.0																	2	2	18	51
34/ 33																					26
32/ 31																					16

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb							
Wet Bulb							
Dew Point							

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) SEP (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
30/ 29																					5
28/ 27																					8
26/ 25																					2
TOTAL	6.4	32.1	18.7	13.0	9.2	7.4	5.6	4.1	2.1	.6	.3	.2	.0	.1					7200		7196
																		7196		7196	

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.	44626514	552758	76.8	17.353	7196							
Dry Bulb	32510232	478650	66.5	9.790	7200			366.7	199.2	67.2	1.8	720
Wet Bulb	27734153	442817	61.5	8.208	7196			218.3	61.8	.4		720
Dew Point	24973173	418749	58.2	9.173	7196		3.1	189.2	30.0			720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) OCT (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
76/ 75			.1	.2														3	3		
74/ 73			.1															1	1		
72/ 71		.3	.3	.1														7	7	2	
70/ 69		.8	.8															14	14	10	3
68/ 67	.3	1.9	.4															25	25	18	24
66/ 65	.8	1.4	.2	.3	.1													26	26	26	18
64/ 63	.9	1.5	.2															24	24	28	29
62/ 61	1.2	1.9	.6															35	35	25	29
60/ 59	1.0	3.9	1.3	.6														63	63	34	23
58/ 57	1.1	4.4	.9	1.4	.4	.1												77	77	69	45
56/ 55	1.6	3.1	2.6	1.1	.3	.1												82	82	64	76
54/ 53	.6	4.0	2.2	.5	.2	.1												71	71	46	46
52/ 51	.5	4.0	3.2	.6		.1												79	79	80	47
50/ 49	1.3	5.7	2.5	.9	.5	.2												103	103	90	62
48/ 47	.5	3.1	.8	1.2	.3													55	55	93	87
46/ 45	.8	3.8	2.3	.5	.1													69	69	63	73
44/ 43	.9	3.3	1.1	.4		.1												54	54	64	73
42/ 41	.5	3.5	.8	.1														46	46	72	58
40/ 39	.2	1.9	.4	.2														26	26	51	48
38/ 37	.4	2.0	.6	.4														33	33	26	55
36/ 35	.8	.9	.4	.1														20	20	32	33
34/ 33	.3	.2	.3	.1														9	9	20	33
32/ 31	.2	.4		.2														8	8	10	28
30/ 29																				4	16
28/ 27																				3	8
26/ 25																					9
22/ 21																					4
18/ 17																					3
TOTAL	13.9	52.2	22.0	9.1	2.0	.8												930	930	930	930

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.	6915556	79438	85.4	11.838	930							
Dry Bulb	2553365	48063	51.7	8.646	930		.8	5.0	.4			93
Wet Bulb	2349239	46015	49.5	8.833	930		1.7	3.0				93
Dew Point	2173133	43971	47.3	10.067	930		6.8	2.7				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) OCT (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	1		
74/ 73			.2															2	2		
72/ 71		.2	.1															3	3	1	
70/ 69		1.0	.3															12	12	7	5
68/ 67	.1	.6	.8															14	14	11	10
66/ 65	.4	1.6	.1															20	20	15	13
64/ 63	1.5	1.3	.1	.5	.1													33	33	37	34
62/ 61	1.2	1.8	.3	.1														32	32	24	29
60/ 59	1.8	2.7	1.1	.3														55	55	33	33
58/ 57	2.4	3.4	1.6		.3													72	72	64	39
56/ 55	1.5	3.0	1.7	.9	.3													69	69	57	51
54/ 53	1.8	2.0	2.4	.2	.3	.1												64	64	64	68
52/ 51	.5	3.9	2.6	.2		.1												68	68	43	33
50/ 49	2.2	3.8	2.7	.5	.4	.1												90	90	86	69
48/ 47	.9	3.8	1.0	.1	.1													54	54	84	70
46/ 45	.8	5.4	1.8	.3	.1													78	78	61	61
44/ 43	.3	4.0	2.9	.9														75	75	76	71
42/ 41	1.3	2.7	1.1	.4	.1													52	52	74	81
40/ 39	1.1	2.0	1.0	.2														40	40	61	44
38/ 37	.4	1.7	.9	.1														29	29	38	44
36/ 35	.4	2.8	.6															36	36	31	49
34/ 33	.2	.8	.6															15	15	31	34
32/ 31	.4	.5	.1	.2														12	12	16	32
30/ 29	.1	.1	.1															3	3	12	25
28/ 27		.1																1	1	2	15
26/ 25																				2	7
24/ 23																					5
22/ 21																					5
18/ 17																					1
16/ 15																					1
14/ 13																					1
TOTAL	19.4	49.2	24.2	5.1	1.8	.3													930		930
																		930		930	

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.	7126173	80699	86.8	11.538	930							
Dry Bulb	2416199	46679	50.2	8.881	930		1.6	3.2	.3			93
Wet Bulb	2244477	44899	48.3	9.094	930		3.2	1.9				93
Dew Point	2088519	43025	46.3	10.273	930		9.2	1.5				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (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				.1											2	2		
76/ 75				.2	.1													3	3		
74/ 73		.1	.2		.1	.1												5	5	1	
72/ 71		.2	.4	.2														8	8	3	2
70/ 69		.9	.8															15	15	9	6
68/ 67	.4	.9	.4	.1	.1													18	18	18	14
66/ 65	.5	.8	.4															16	16	22	16
64/ 63	1.1	1.4	.2	.1														26	26	28	29
62/ 61	1.5	2.6	1.5	.6	.2	.2												62	62	28	31
60/ 59	1.0	2.7	1.6	.4		.2												55	55	41	34
58/ 57	1.7	3.0	2.2	.4	.9													76	76	61	46
56/ 55	1.4	4.1	2.0	.8	.3													80	80	65	57
54/ 53	.5	2.8	3.1	1.1	.2													72	72	60	51
52/ 51	1.1	3.3	3.1	1.4	.2													85	85	71	68
50/ 49	1.1	3.7	2.7	1.3	.2													83	83	89	53
48/ 47	.3	3.0	2.3	1.6	.3													70	70	74	64
46/ 45	.2	4.6	1.2	.5	.1													62	62	81	58
44/ 43	.4	1.9	1.5	.5		.1												42	42	64	90
42/ 41	1.2	1.7	2.0	.2	.1													49	49	56	74
40/ 39	1.2	1.6	.4	.3	.1													34	34	52	43
38/ 37	.8	1.8	.3	.2														29	29	42	45
36/ 35	.1	1.5	.3															18	18	22	47
34/ 33		.8	.1															8	8	19	35
32/ 31		.5		.2														7	7	13	23
30/ 29		.3	.1															4	4	6	16
28/ 27		.1																1	1	4	13
26/ 25																				1	7
24/ 23																					1
22/ 21																					3
20/ 19																					1
18/ 17																					3
TOTAL	14.5	44.3	27.1	10.3	3.0	.6	.1												930		930
																		930		930	

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	≥ 91 F	Total
Rel. Hum.	6764097	78485	84.4	12.300	930							
Dry Bulb	2572662	48212	51.8	8.883	930		1.2	5.1	1.0			93
Wet Bulb	2349213	45993	49.5	8.963	930		2.4	3.1	.1			93
Dew Point	2156650	43782	47.1	10.139	930		6.7	2.2				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) OCT (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
84/ 83								.1	.1	.1								3	3		
82/ 81					.1	.1												2	2		
80/ 79			.1	.3	.3	.4	.3	.2										16	16		
78/ 77				.5	.2	.5	.2	.1										15	15		
76/ 75			.2	.8	.2	.5	.2	.1	.1									20	20	1	
74/ 73			.5	.2	.3	.3	.2	.4	.1	.1								21	21	7	1
72/ 71		.3	.5	.9	.3	1.1	.5	.3	.2									39	39	12	5
70/ 69		.1	1.0	1.1	.5	.8	.5	.2	.1		.1							41	41	23	11
68/ 67	.4	.3	1.1	1.9	1.3	.5	.4	.1	.1									58	58	23	23
66/ 65		1.7	1.4	1.9	1.6	.8	.8	.2	.2									80	80	33	13
64/ 63		1.5	.9	1.4	1.3	1.2	.6	.2	.1									67	67	53	31
62/ 61	.2	1.8	1.9	1.7	1.8	1.3	.5	.1										88	88	68	47
60/ 59	.4	2.3	1.0	2.3	2.7	1.7	.8	.3										106	106	76	53
58/ 57	.6	1.5	.9	1.3	2.0	1.6	.9	.2										84	84	87	62
56/ 55		1.2	1.6	2.9	1.9	1.5	.2											87	87	76	59
54/ 53	.3	.5	1.4	1.6	1.4	1.0	.2											60	60	77	64
52/ 51	.1	.8	1.3	1.6	1.6	.4	.2											56	56	83	49
50/ 49	.1	.8	.4	.6	1.0	.5												32	32	91	64
48/ 47	.1	.9	.4	.6	.1	.4	.1											25	25	71	51
46/ 45	.1	.1	.2		.2	.2												8	8	60	90
44/ 43			.3	.1	.3													7	7	37	60
42/ 41			.1	.5	.3													9	9	20	42
40/ 39		.2	.3		.1													6	6	6	39
38/ 37																				13	35
36/ 35																				10	45
34/ 33																				2	27
32/ 31																				1	15
30/ 29																					16
28/ 27																					8
26/ 25																					10
24/ 23																					3
22/ 21																					3
20/ 19																					2
18/ 17																					2

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS)

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
TOTAL	2.5	14.0	15.6	22.4	19.8	14.9	6.8	2.7	1.1	.2	.1							930	930	930	930

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.	4410492	62112	66.8	16.800	930							
Dry Bulb	3489767	56461	60.7	8.168	930			21.5	7.7	1.2		93
Wet Bulb	2820728	50674	54.5	8.009	930		.1	6.6	.8			93
Dew Point	2321374	45420	48.8	10.536	930		5.9	4.0	.1			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) OCT (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
90/ 89													.1					1	1		
88/ 87									.1		.1	.1						3	3		
86/ 85							.1	.1	.1	.2	.1							6	6		
84/ 83						.3	.6											9	9		
82/ 81					.5	.6	.5	.5	.4									25	25		
80/ 79				.4	.3	1.1	.4	.6		.4	.2							33	33		
78/ 77			.1	.1	.4	.4	.5	.4	.9	.4	.2							33	33		
76/ 75				.2	.6	.6	1.1	1.0	.2	.4	.1							40	40	2	
74/ 73			.1	.3	.8	1.3	.4	.6	.2	.3	.1							39	40	21	1
72/ 71		.2	.2	.9	1.2	1.4	1.1	.4	.3	.1	.3							57	57	16	8
70/ 69	.2	.1	.6	1.5	1.7	1.5	1.2	1.6	.2		.1	.1						83	83	27	13
68/ 67	.1	.2	.9	.9	1.2	1.9	.9	1.1	.4	.1	.1	.1						73	73	29	19
66/ 65		.1	.9	1.8	.6	1.4	1.8	.4	.4	.1								71	71	60	16
64/ 63	.1	.9	1.4	1.5	1.4	1.7	1.8	1.0	.2									93	93	57	35
62/ 61	.3	1.6	.9	1.1	1.8	1.7	1.6	.5	.1									90	90	92	47
60/ 59		1.1	.9	.8	1.8	1.5	1.4	.5	.1									75	75	94	52
58/ 57	.1	.6	.5	1.0	1.3	1.5	1.1		.2									59	59	68	74
56/ 55		1.0	.5	.4	.6	1.6	.8	.2										48	48	87	61
54/ 53		.5	.6	.9	.4	.8	.4											34	34	84	66
52/ 51		.1	.2	1.1	.2	.2	.1											18	18	75	44
50/ 49	.1	.8	.1	.3	.1		.1											14	14	72	71
48/ 47	.1	.2	.1	.1	.2	.2	.1											10	10	56	46
46/ 45		.1	.1	.1	.1	.1	.1											6	6	43	67
44/ 43		.1	.1	.2			.2											6	6	18	57
42/ 41				.2	.1													3	3	10	52
40/ 39																				6	42
38/ 37																				7	42
36/ 35																				1	26
34/ 33																				3	24
32/ 31																				1	28
30/ 29																					10
28/ 27																					8
26/ 25																					5
24/ 23																					5

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 90 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (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
22/ 21																					1
20/ 19																					3
18/ 17																					1
16/ 15																					2
10/ 9																					2
8/ 7																					1
TOTAL	1.1	7.6	8.3	13.8	15.6	20.0	16.5	9.1	4.0	2.2	1.4	.3	.1					929	930	929	929

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.	3441754	54162	58.3	17.495	929							
Dry Bulb	4039802	60756	65.3	8.722	930			40.3	19.0	6.0		93
Wet Bulb	3036891	52611	56.6	7.867	929		.1	9.5	2.3			93
Dew Point	2355285	45675	49.2	10.869	929		6.6	4.1	.1			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) OCT (MONTH)

PAGE 1 1500-1700 (HOURS)

Temp. (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.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
90/ 89													.1					1	1			
88/ 87											.1							1	1			
86/ 85							.1	.2	.1									4	4			
84/ 83					.1	.1		.1	.1	.2								6	6			
82/ 81					.2	.6	.3	.1	.3									15	15			
80/ 79		.1	.1	.1	.3	.9	.2	.3	.1	.1								21	21			
78/ 77			.1	.2	.3	.3	.3	.1	.4	.3	.1	.1						22	22	1		
76/ 75			.3	.3	.3	1.4	.5	.4	.3	.1	.2							37	37	2	1	
74/ 73		.2	.2	.4	.8	.2	1.1	1.0	.1	.3	.1							41	41	10	2	
72/ 71		.3	.5	1.1	1.2	.9	.9	.4	.5		.1							55	57	21	9	
70/ 69			1.1	1.4	.9	1.4	.9	.6	.1			.1						60	60	25	11	
68/ 67		.3	.9	.8	1.1	.9	1.3	.3		.4								55	55	22	17	
66/ 65	.1	.5	1.1	2.3	1.0	1.5	1.2	.6	.3	.3								83	83	57	16	
64/ 63	.2	1.2	2.0	1.9	1.5	1.4	1.2	.3										91	91	55	35	
62/ 61	.2	2.0	1.0	1.6	2.5	1.9	1.6	.1	.1									103	103	73	37	
60/ 59	.3	1.5	1.2	1.3	1.5	1.8	1.8	.2	.1									91	91	107	67	
58/ 57	.1	.3	.5	2.0	1.5	1.1	.8		.1									60	60	67	65	
56/ 55		1.1	1.5	.8	1.6	1.4	.6											65	65	93	64	
54/ 53		1.3	.5	.9	1.0	.4	.4											42	42	80	55	
52/ 51		.3	.3	.4	.4	.3												17	17	88	60	
50/ 49		1.0	.5	.8	.5		.2											28	28	73	79	
48/ 47			.1	.3	.3													7	7	55	68	
46/ 45		.1	.3	.2	.2	.3												11	11	39	50	
44/ 43		.1			.1													2	2	21	45	
42/ 41		.1	.1	.3	.1	.1	.1											8	8	17	55	
40/ 39		.1																1	1	7	44	
38/ 37																				6	38	
36/ 35																				5	24	
34/ 33																				1	33	
32/ 31																				2	18	
30/ 29																					7	
28/ 27																					10	
26/ 25																					4	
24/ 23																					4	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature	≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (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
22/ 21																					2
20/ 19																					4
18/ 17																					1
12/ 11																					1
8/ 7																					1
TOTAL	1.0	10.7	12.5	17.2	17.5	17.0	13.6	5.0	2.8	1.8	.6	.2	.1						929		927
																		927		927	

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.	3831247	57381	61.9	17.370	927							
Dry Bulb	3843795	59233	63.8	8.503	929			32.0	14.8	4.1		93
Wet Bulb	2971951	51987	56.1	7.809	927		.2	8.1	1.3			93
Dew Point	2367020	45814	49.4	10.537	927		5.2	4.0	.3			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) OCT (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
78/ 77			.1	.1	.3													5	5		
76/ 75			.1	.4	.2	.1												8	8		
74/ 73		.5	.4	.4	.2	.1	.1											17	17	1	
72/ 71		.1	.9	.3	.2													14	14	8	4
70/ 69	.1	.8	.5	.3	.2	.1												19	19	16	8
68/ 67	.3	.4	1.1	.9	.2	.2	.1	.1										31	31	22	15
66/ 65	.3	1.6	1.7	1.3	.2	.2												50	50	24	22
64/ 63	.2	1.7	1.7	1.3	.5	.1		.1										53	53	38	27
62/ 61	.2	3.5	2.7	1.3	.8	.3												82	82	46	31
60/ 59	1.0	4.5	3.8	2.3	.5	.2	.1											115	115	83	62
58/ 57	.2	1.7	3.2	2.3	1.2	.5	.1	.1										87	87	78	56
56/ 55	.1	3.5	2.6	1.8	1.2	.2	.1											89	89	79	73
54/ 53	.1	2.9	3.5	2.5	1.0	.4												97	97	86	59
52/ 51		1.1	4.0	.9	.8	.1												63	63	76	85
50/ 49	.1	2.3	2.4	1.5	.8	.1												66	66	98	58
48/ 47	.2	1.7	.5	.8	.5													35	35	81	81
46/ 45		1.1	2.4	.5	.3	.1												41	41	59	59
44/ 43		.4	.9	.4	.2	.1												19	19	33	72
42/ 41		.6	1.1	.4														20	20	40	49
40/ 39		.3	.5		.1													9	9	26	34
38/ 37	.1	.2	.3	.1	.1													8	8	20	38
36/ 35	.2																	2	2	11	39
34/ 33																				2	20
32/ 31																				2	13
30/ 29																				1	7
28/ 27																					5
26/ 25																					7
24/ 23																					2
22/ 21																					2
18/ 17																					2
TOTAL	3.2	29.1	34.4	19.8	9.6	3.0	.5	.3											930		930
																		930		930	

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.	5708249	71835	77.2	13.106	930							
Dry Bulb	3046693	52731	56.7	7.822	930			9.4	3.0			93
Wet Bulb	2659150	49172	52.9	7.988	930		.3	4.7	.1			93
Dew Point	2350661	45891	49.3	9.631	930		3.8	2.7				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) OCT (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
76/ 75				.1														1	1		
74/ 73			.5	.3														8	8		
72/ 71		.2	.6	.2	.1													11	11	3	2
70/ 69		1.2	.3															14	14	7	4
68/ 67	.3	.2	.8		.1													13	13	25	19
66/ 65	.5	2.4	.8	.1	.1													36	36	19	15
64/ 63	1.1	1.3	1.0	.5														36	36	34	35
62/ 61	.5	2.3	.9	.3	.1													38	38	24	25
60/ 59	1.6	3.8	2.4	1.2	.1													84	84	55	40
58/ 57	1.5	4.6	2.7	1.5	.5	.1												102	102	74	60
56/ 55	.2	2.9	2.8	1.4	.5	.2												75	75	60	45
54/ 53	.3	5.2	3.0	1.6	.3	.3												100	100	80	62
52/ 51	.1	2.9	3.3	1.1	.4	.2												75	75	82	75
50/ 49	.5	3.5	2.2	1.1	.2	.1												71	71	82	77
48/ 47	.4	3.0	1.1	.8	.1													50	50	85	55
46/ 45	.8	3.5	2.3	.5	.1	.1												68	68	71	73
44/ 43	.2	3.0	1.1	.2		.2												44	44	59	70
42/ 41	.1	2.3	1.3	.4	.1													39	39	57	63
40/ 39	.1	2.3	1.6	.3														40	40	38	51
38/ 37	.1	.3	.4	.1														9	9	35	46
36/ 35	.2	.2		.2														6	6	22	29
34/ 33	.3	.3	.1	.1														8	8	9	26
32/ 31	.1	.1																2	2	5	24
30/ 29																				4	13
28/ 27																					10
26/ 25																					3
24/ 23																					2
22/ 21																					1
20/ 19																					1
18/ 17																					3
16/ 15																					1
TOTAL	9.1	45.5	29.0	12.2	2.9	1.3													930		930
																		930		930	

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.	6561476	77276	83.1	12.294	930							
Dry Bulb	2698145	49505	53.2	8.231	930		.2	4.7	.9			93
Wet Bulb	2447423	47057	50.6	8.454	930		.9	3.5				93
Dew Point	2234194	44656	48.0	9.839	930		5.8	2.5				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 — STATION
PHILLIPS/ABERDEEN MD — STATION NAME
48-57 — YEARS
OCT — 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
90/ 89													.0					2	2		
88/ 87									.0		.0	.0						4	4		
86/ 85							.0	.0	.0	.0	.0							10	10		
84/ 83					.0	.1	.1	.0	.0	.0								18	18		
82/ 81					.1	.2	.1	.1	.1									42	42		
80/ 79		.0	.0	.1	.1	.3	.1	.1	.0	.1	.0							70	70		
78/ 77			.1	.1	.2	.2	.1	.1	.2	.1	.0	.0						77	77	1	
76/ 75			.1	.3	.2	.3	.2	.2	.1	.1	.0							113	113	5	1
74/ 73		.1	.3	.2	.3	.3	.2	.3	.1	.1	.0							134	135	40	4
72/ 71		.2	.5	.5	.4	.4	.3	.1	.1	.0	.1							194	196	66	30
70/ 69	.0	.6	.7	.5	.4	.5	.3	.3	.1		.0	.0						258	258	124	61
68/ 67	.3	.6	.8	.6	.5	.4	.3	.2	.1	.1	.0	.0						287	287	168	141
66/ 65	.3	1.3	.8	1.0	.5	.5	.5	.2	.1	.1								382	382	256	129
64/ 63	.6	1.3	.9	.9	.6	.6	.5	.2	.0									423	423	330	255
62/ 61	.7	2.2	1.2	.8	.9	.7	.5	.1	.0									530	530	380	276
60/ 59	.9	2.8	1.6	1.1	.8	.7	.5	.1	.0									644	644	523	364
58/ 57	1.0	2.5	1.6	1.2	1.0	.6	.3	.0	.0									617	617	568	447
56/ 55	.6	2.5	1.9	1.3	.9	.6	.2	.0										595	595	581	486
54/ 53	.5	2.4	2.1	1.2	.6	.4	.1											540	540	577	471
52/ 51	.3	2.0	2.3	.9	.5	.2	.0											461	461	598	461
50/ 49	.7	2.7	1.7	.9	.5	.1	.0											487	487	681	533
48/ 47	.3	2.0	.8	.7	.3	.1	.0											306	306	599	522
46/ 45	.3	2.3	1.3	.3	.2	.1	.0											343	343	477	531
44/ 43	.2	1.6	1.0	.3	.1	.1	.0											249	249	372	538
42/ 41	.4	1.4	.8	.3	.1	.0	.0											226	226	346	474
40/ 39	.3	1.1	.5	.1	.0													156	156	247	345
38/ 37	.2	.8	.3	.1	.0													108	108	187	343
36/ 35	.2	.7	.2	.0														82	82	134	292
34/ 33	.1	.3	.1	.0														40	40	87	232
32/ 31	.1	.2	.0	.1														29	29	50	181
30/ 29	.0	.1	.0															7	7	27	110
28/ 27		.0																2	2	9	77
26/ 25																				3	52
24/ 23																					22

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) OCT (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	Dew Point
22/ 21																					21
20/ 19																					11
18/ 17																					16
16/ 15																					4
14/ 13																					1
12/ 11																					1
10/ 9																					2
8/ 7																					2
TOTAL	8.1	31.6	21.7	13.7	9.0	7.2	4.7	2.1	1.0	.5	.3	.1	.0					7436	7439	7436	7436

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.	44759044	561388	75.5	17.878	7436							
Dry Bulb	24660428	421640	56.7	10.122	7439		3.8	121.2	47.1	11.3		744
Wet Bulb	20879072	388408	52.2	8.917	7436		8.9	40.4	4.6			744
Dew Point	18046836	358234	48.2	10.299	7436		50.0	23.7	.5			744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) NOV (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
68/ 67	.1	.4																5	5	3	2
66/ 65	.1	.9																9	9	5	6
64/ 63	.1																	1	1	7	6
62/ 61	.1	.2	.2															5	5	2	3
60/ 59	.2	1.3	.3															17	17	8	5
58/ 57	.8	2.1	.7	.2	.1	.1												36	36	18	13
56/ 55	1.0	2.2	.2	.7	.1													38	38	34	25
54/ 53	.9	1.0	.6	.2	.1	.1												26	26	32	35
52/ 51	.3	2.1	1.1	.2	.1	.1												36	36	21	24
50/ 49	.7	2.1	.9	.7	.1	.1												41	41	37	18
48/ 47	.7	1.9	1.3	.4	.6													44	44	35	35
46/ 45	.7	3.9	1.6	.7	.1													62	62	53	30
44/ 43	.2	3.8	.9	1.2	.2													57	57	52	48
42/ 41	1.0	3.0	1.1	1.6														60	60	64	47
40/ 39	1.7	3.1	2.7	.2														69	69	56	63
38/ 37	1.0	3.6	2.9	.6														72	72	81	49
36/ 35	1.4	3.4	2.4	1.2														77	77	58	50
34/ 33	.8	4.3	2.6	.2														71	71	75	49
32/ 31	.8	4.1	.8															51	51	71	72
30/ 29	1.0	3.8	.7															49	49	79	74
28/ 27	.2	2.4	1.0															33	33	38	54
26/ 25	.1	1.1	.3															14	14	30	58
24/ 23	.1	.7																7	7	15	40
22/ 21		1.2	.1															12	12	9	32
20/ 19	.2	.1																3	3	12	23
18/ 17	.1	.1	.3															5	5	1	12
16/ 15																				3	11
14/ 13																				1	7
12/ 11																					4
10/ 9																					2
6/ 5																					1
4/ 3																					1
2/ 1																					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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) NOV (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
TOTAL	14.3	53.0	22.7	8.1	1.4	.4												900	900	900	900

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.	6253623	74133	82.4	12.800	900							
Dry Bulb	1615425	37075	41.2	9.902	900		17.4	.5				90
Wet Bulb	1464875	35195	39.1	9.925	900		25.9	.3				90
Dew Point	1284174	32400	36.0	11.446	900		39.2	.2				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) NOV (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
68/ 67	.1	.4																5	5	3	1
66/ 65		.4																4	4	3	4
64/ 63	.3	.4																7	7	8	9
62/ 61		.2																2	2	3	2
60/ 59	.6	1.3																17	17	12	10
58/ 57	.2	1.2	.4															17	17	13	13
56/ 55	.4	1.9	.3	.6		.1												30	30	20	14
54/ 53	1.3	2.0	.9	.1		.1												40	40	27	29
52/ 51	1.0	1.4		.6	.4	.2												33	33	31	29
50/ 49	1.0	2.2	.4	.3	.1													37	37	36	22
48/ 47	.3	1.6	1.0	.3	.2													31	31	24	30
46/ 45	.9	2.3	1.3	.6	.2													48	48	33	30
44/ 43	.2	4.1	1.6	.3	.3													59	59	52	22
42/ 41	.7	3.2	1.1	.7	.2													53	53	62	46
40/ 39	2.0	4.7	2.2	1.4														93	93	71	63
38/ 37	1.6	3.1	2.0	.3														63	63	62	61
36/ 35	2.8	3.7	1.3	.4														74	74	87	52
34/ 33	1.1	3.3	2.8	.3														68	68	66	61
32/ 31	1.1	3.1	1.4	.1														52	52	56	66
30/ 29	1.0	5.0	1.0															63	63	77	50
28/ 27	1.0	3.1	.3															40	40	61	68
26/ 25	.3	2.1	.9															30	30	37	57
24/ 23	.1	1.2	.2															14	14	21	42
22/ 21	.1	.3	.2															6	6	15	42
20/ 19	.3	.8	.1															11	11	9	24
18/ 17																				8	19
16/ 15		.3																3	3		9
14/ 13																				3	13
12/ 11																					3
10/ 9																					5
8/ 7																					1
6/ 5																					2
4/ 3																					1

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (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
TOTAL	18.6	53.7	19.7	6.1	1.6	.4												900	900	900	900

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.	6429880	75134	83.5	13.237	900							
Dry Bulb	1525184	35946	39.9	9.978	900		21.9	.5				90
Wet Bulb	1394297	34257	38.1	10.026	900		28.7	.3				90
Dew Point	1230296	31592	35.1	11.618	900		40.2	.1				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (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
68/ 67		.3																3	3	1	1
66/ 65		.9																8	8	3	2
64/ 63	.4	.8																11	11	12	8
62/ 61	.1	.3																4	4	7	10
60/ 59	.7	.2	.1															9	9	9	10
58/ 57	.9	1.6	.6															27	27	13	14
56/ 55	.4	1.8	.6	.4			.1											30	30	22	12
54/ 53	.6	1.1	.6	.1														21	21	23	24
52/ 51	1.3	2.1	.4	.1														36	36	39	30
50/ 49	1.2	2.7	.6	.2	.4	.1												47	47	28	34
48/ 47	.3	1.9	.8	1.1	.2													39	39	42	29
46/ 45	.7	2.6	1.2	.8														47	47	24	27
44/ 43	.4	3.6	1.7	.8	.4													62	62	43	21
42/ 41	1.3	3.6	1.8	.6	.1													66	66	72	55
40/ 39	1.7	4.0	2.3	1.3	.1													85	85	68	43
38/ 37	.7	3.6	2.7	.6														67	67	71	58
36/ 35	1.1	3.2	1.7	.8														61	61	71	59
34/ 33	1.7	3.6	1.8	.3														66	66	76	58
32/ 31	1.0	4.1	2.2	.1														67	67	68	72
30/ 29	1.3	2.9	1.6	.1														53	53	66	69
28/ 27	.8	2.8	.4	.1														37	37	65	54
26/ 25	.2	1.8	.6															23	23	27	53
24/ 23	.2	.9	.7															16	16	23	45
22/ 21	.1	.7	.3															10	10	14	38
20/ 19		.2																2	2	8	31
18/ 17		.1																1	1	2	14
16/ 15		.2																2	2	1	2
14/ 13																				2	10
12/ 11																					7
10/ 9																					6
8/ 7																					3
6/ 5																					1
TOTAL	17.2	51.3	22.4	7.4	1.3	.1	.1											900	900	900	900

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.	6320716	74444	82.7	13.467	900							
Dry Bulb	1557359	36377	40.4	9.840	900		21.1	.3				90
Wet Bulb	1419207	34593	38.4	9.981	900		27.6	.1				90
Dew Point	1245377	31793	35.3	11.662	900		40.5	.1				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) NOV (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
82/ 81							.1											1	1		
76/ 75						.1	.1											2	2		
74/ 73			.1	.1			.1											3	3		
72/ 71				.2			.1	.1										4	4		
70/ 69		.1		.2	.2		.1	.1	.1									8	8	3	
68/ 67		.3	.6				.1	.1	.2									12	12	5	4
66/ 65	.3	.8	.2		.4													16	16	8	5
64/ 63		.6	.1	.4	.2	.4	.7											22	22	14	12
62/ 61	.6	.4	.4	.4	.7	.2	.2											27	27	14	14
60/ 59	.2	.7	1.6	1.2	.4	.6	.2	.1										45	45	9	10
58/ 57	.2	1.8	1.4	.6	.8	.3		.1										47	47	28	8
56/ 55	.6	1.2	.9	1.1	1.0	.8		.2										52	52	50	29
54/ 53	.1	1.4	1.2	1.0	.9	.1	.1											44	44	44	29
52/ 51	.4	2.2	1.3	1.1	.8	.1	.3											57	57	45	36
50/ 49	.3	2.0	1.6	2.2	1.4	.9												76	76	62	39
48/ 47	.1	1.4	1.3	1.6	2.6	.4	.1											68	68	48	42
46/ 45	.3	1.8	1.4	2.4	2.8	.4												83	83	58	37
44/ 43	.2	.8	2.1	2.8	1.6		.1											68	68	57	45
42/ 41		1.6	2.2	2.3	1.1	.2												67	67	63	50
40/ 39	.7	.7	1.6	2.6	.6													54	54	89	44
38/ 37	.7	1.1	1.6	1.0	.2													41	41	89	50
36/ 35	.3	.8	2.1	1.0														38	38	71	50
34/ 33	.4	1.1	1.6	.4														32	32	47	67
32/ 31		.9	.6	.3														16	16	47	61
30/ 29		.2	.4	.3														9	9	24	55
28/ 27		.2	.1															3	3	8	59
26/ 25		.1	.1															2	2	11	50
24/ 23		.1	.1															2	2	2	39
22/ 21			.1															1	1	2	23
20/ 19																				1	12
18/ 17																				1	13
16/ 15																					5
14/ 13																					5
12/ 11																					3

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) NOV (MONTH)

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

Temp. (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	Dew Point
10/ 9																					1
8/ 7																					2
6/ 5																					1
TOTAL	5.6	22.3	24.9	23.4	15.7	4.7	2.4	.8	.3										900		900
																		900		900	

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.	4591653	62403	69.3	17.164	900							
Dry Bulb	2170790	43348	48.2	9.606	900		3.3	3.0	.6	.1		90
Wet Bulb	1792142	39266	43.6	9.375	900		9.6	.8				90
Dew Point	1416426	34100	37.9	11.764	900		32.9	.4				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) NOV (MONTH)

PAGE 1 1200-1400 (HOURS)

Temp. (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.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85									.1									1	1			
84/ 83								.1										1	1			
82/ 81								.1										1	1			
80/ 79								.1										1	1			
78/ 77				.1	.1		.2	.2										6	6			
76/ 75				.2	.1	.1	.1											5	5			
74/ 73					.1	.1	.2		.3	.3								10	10			
72/ 71					.2		.3	.1	.3									9	9	2		
70/ 69		.3	.6	.1	.1	.1	.1	.4	.2									18	18	4	1	
68/ 67		.4	.6	.3	.3		.7	.1	.8									29	29	5	5	
66/ 65	.2	.4	.1	.2	.7	.7	1.3	.8										40	40	16	8	
64/ 63		.6	.6	.6	.8	.4	.3	.1										30	30	16	14	
62/ 61	.2	.4	.9	1.0	.9	1.0	.8	.1	.1									49	49	14	10	
60/ 59	.3	1.6	1.6	.4	.4	1.2	.4	.1	.1									56	56	29	16	
58/ 57	.1	1.3	1.0	.4	.8	.4	.2											39	39	41	21	
56/ 55		1.2	.4	.9	1.7	.9	1.2	.2										59	59	61	30	
54/ 53	.2	.4	1.1	1.0	1.1	1.3	.8											54	54	56	35	
52/ 51	.2	1.1	1.2	2.1	1.3	1.2	.3	.2										70	70	47	31	
50/ 49	.2	.6	1.0	1.4	2.6	1.9	.9											77	77	52	31	
48/ 47	.2	.9	1.1	2.1	3.4	2.0	.1	.1										90	90	50	30	
46/ 45	.1	1.2	.3	1.4	2.0	.9												54	54	72	40	
44/ 43		.8	.6	1.6	1.9	.7	.1											50	50	65	35	
42/ 41		.3	.6	1.6	1.3													34	34	70	74	
40/ 39	.1	1.0	1.6	1.3	1.0	.1												46	46	79	42	
38/ 37	.4	.1	.8	1.7	.3													30	30	71	65	
36/ 35	.2	.3	1.1	.2														17	17	56	33	
34/ 33	.4	.2	.3	.1														10	10	36	48	
32/ 31		.3	.1	.7														10	10	37	58	
30/ 29			.1	.2														3	3	6	42	
28/ 27				.1														1	1	6	66	
26/ 25																				4	43	
24/ 23																				2	56	
22/ 21																					22	
20/ 19																					11	

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 46-57 (YEARS) NOV (MONTH)

PAGE 2 1200-1400 (HOURS)

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	Dew Point
18/ 17																					15
16/ 15																					10
14/ 13																					3
12/ 11																					4
10/ 9																					1
TOTAL	3.1	13.7	15.6	19.9	21.2	13.1	8.2	2.9	2.0	.3								900	900	900	900

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.	3693786	55130	61.3	18.771	900							
Dry Bulb	2556629	47107	52.3	10.061	900		1.4	8.1	2.5	.4		90
Wet Bulb	1979508	41352	45.9	9.405	900		5.5	1.4				90
Dew Point	1453603	34455	38.3	12.234	900		33.1	.6				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) NOV (MONTH)

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

Temp. (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										1	1		
80/ 79							.1											1	1		
78/ 77								.1										1	1		
76/ 75				.1	.1		.1			.1								4	4		
74/ 73			.2	.1	.1		.3											6	6		
72/ 71	.1				.1	.1	.2		.2	.1								8	8	3	1
70/ 69		.2		.1	.1	.1	.2	.1	.2									10	10	2	1
68/ 67			.2	.2	.1	.2	.2	.4										13	13	5	3
66/ 65	.1	1.1	.4	.3	.8	.1	.8	.3	.1									37	37	5	5
64/ 63		.4	.3	.9	.4	.4	.8	.1										31	31	19	8
62/ 61		.8	.6	.8	.9	.9	.4											38	38	11	10
60/ 59	.8	1.8	1.1	.9	.4	1.2	.3	.1		.1								61	61	30	22
58/ 57	.3	1.6	.4	.6	1.2	.4		.1										42	42	45	22
56/ 55		.4	1.0	.9	1.6	.8	.6											47	47	38	21
54/ 53	.4	.3	1.2	1.6	1.7	.7	.4											57	57	46	38
52/ 51	.7	.6	2.1	1.4	.6	.8												55	55	49	28
50/ 49	.1	.7	1.2	2.0	1.4	1.7		.1										65	65	57	19
48/ 47	.1	.8	1.3	2.2	2.2	1.3												72	72	61	29
46/ 45	.1	1.6	1.2	2.8	3.2	.8	.1											88	88	52	42
44/ 43		1.0	1.9	2.6	1.6	.9												71	71	61	51
42/ 41	.1	.4	.9	1.7	1.0	.2												39	39	72	67
40/ 39	.3	1.1	1.2	2.1	1.0	.1												53	53	89	56
38/ 37	.6	.4	1.3	1.7	.2													38	38	80	58
36/ 35	.2	.7	1.6	.8	.1													30	30	58	42
34/ 33	.3	.4	.4	.1														12	12	45	51
32/ 31	.2	.3	.6	.4														14	14	41	50
30/ 29	.1	.1	.1	.1														4	4	16	57
28/ 27		.2																2	2	8	52
26/ 25																				7	58
24/ 23																					45
22/ 21																					21
20/ 19																					17
18/ 17																					9
16/ 15																					10

WET BULB TEMPERATURE DEPRESSION (F)

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (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
14/ 13																					5
12/ 11																					2
TOTAL	4.7	15.0	19.4	24.3	18.8	10.8	4.6	1.6	.6	.3								900			900
																		900		900	

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.	4064588	58322	64.8	17.811	900							
Dry Bulb	2368191	45317	50.4	9.802	900		2.0	4.4	1.3	.1		90
Wet Bulb	1886207	40345	44.8	9.293	900		7.2	1.0				90
Dew Point	1426938	34240	38.0	11.758	900		32.6	.5				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) NOV (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
72/ 71			.1															1	1		
70/ 69		.2		.1	.1													4	4		
68/ 67																				3	3
66/ 65	.2	1.0	.3	.1	.1													16	16	2	2
64/ 63		.8	.2	.4	.1	.1	.1											14	14	13	8
62/ 61		1.1	.4	.2		.1												17	17	9	6
60/ 59	.2	1.8	.9	.1	.3	.1	.1	.1										33	33	24	20
58/ 57	.9	1.2	.8	.3	.3													32	32	27	22
56/ 55	.2	1.0	.6	.7	.3	.3												28	28	24	20
54/ 53	.2	1.1	1.4	.6	.7	.1												37	37	23	22
52/ 51	.7	2.1	3.3	1.3	.4	.2	.1											74	74	28	23
50/ 49	.2	1.4	3.1	1.4	.6	.1	.1											63	63	46	24
48/ 47		2.8	1.0	1.6	.2	.1												51	51	63	22
46/ 45	.3	2.7	1.4	1.8	.4													60	60	66	46
44/ 43	.3	2.4	3.0	3.2	.2													83	83	61	67
42/ 41	.6	2.4	2.8	2.8	.7	.1												84	84	63	60
40/ 39	.3	2.2	2.8	2.8	.1	.1												75	75	81	42
38/ 37	.9	2.3	3.5	.8	.2													69	69	84	71
36/ 35	.2	1.6	1.9	1.2	.2													46	46	81	52
34/ 33	.3	1.7	1.9	.1														36	36	61	40
32/ 31	.1	2.2	1.3	.9														41	41	48	65
30/ 29	.4	.7	.4	.1														15	15	40	78
28/ 27		.8	.1															8	8	26	54
26/ 25	.1	.3	.4															8	8	14	60
24/ 23																				5	22
22/ 21		.2	.1															3	3	3	22
20/ 19																				3	16
18/ 17																					6
16/ 15																					16
14/ 13																					3
12/ 11																					1
10/ 9																					3
8/ 7																					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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (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
TOTAL	6.3	34.0	32.0	20.6	5.1	1.4	.4	.1										898	898	898	898

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.	5275906	67542	75.2	14.775	898							
Dry Bulb	1901677	40487	45.1	9.222	898		7.5	.5				90
Wet Bulb	1644138	37510	41.8	9.284	898		13.9	.3				90
Dew Point	1363238	33484	37.3	11.308	898		34.9	.3				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MO (STATION NAME) 48-57 (YEARS) NOV (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																1	1		
68/ 67		.2																2	2	2	1
66/ 65	.1	.9	.2	.1														12	12	2	3
64/ 63		.1	.3	.1														5	5	8	8
62/ 61		.6	.2	.1		.2												10	10	4	2
60/ 59	.2	1.1	.8		.1													20	20	14	9
58/ 57	.7	3.3	.4		.1													41	41	25	20
56/ 55	.9	1.4	.1	.4	.1													27	27	41	29
54/ 53	.3	.6	1.1	.6		.1												24	24	15	34
52/ 51	.2	1.7	1.1	1.0	.1	.1												38	38	18	12
50/ 49	.9	2.1	.8	.7		.1												41	41	43	24
48/ 47	.1	3.6	1.7	.9	.7	.2												64	64	27	20
46/ 45	.2	3.3	2.5	.8	.1	.1												63	63	61	33
44/ 43	.6	2.8	1.8	.7														52	52	57	51
42/ 41	.7	3.2	2.0	1.3	.1													66	66	64	55
40/ 39	2.2	2.9	2.7	1.0														79	79	77	57
38/ 37	1.2	3.5	2.8	1.8														83	83	73	72
36/ 35	.7	3.6	2.8	.7	.1													70	70	73	40
34/ 33	.9	3.2	2.5	.4	.1													64	64	76	66
32/ 31	.3	3.2	1.1	.3														45	45	67	57
30/ 29		2.5	1.8															38	38	54	60
28/ 27	.1	2.2	.4	.1														26	26	38	67
26/ 25	.1	.4																5	5	29	45
24/ 23	.1	.4	.4															9	9	9	42
22/ 21	.1	.7	.1															8	8	8	26
20/ 19	.2	.1																3	3	9	19
18/ 17		.1																1	1	2	19
16/ 15																				1	12
14/ 13																					6
12/ 11																					6
8/ 7																					1
6/ 5																					1
TOTAL	10.9	47.9	27.6	11.0	1.6	.9												897	897	897	897

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.	5923096	71916	80.2	13.250	897							
Dry Bulb	1679666	37840	42.2	9.647	897		13.5	.3				90
Wet Bulb	1500661	35651	39.7	9.666	897		21.8	.2				90
Dew Point	1292754	32502	36.2	11.333	897		36.2	.1				90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (YEARS) NOV (MONTH)

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

Temp. (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
86/ 85									.0									1	1		
84/ 83								.0										1	1		
82/ 81							.0	.0										3	3		
80/ 79							.0	.0										2	2		
78/ 77				.0	.0		.0	.0										7	7		
76/ 75				.0	.0	.0	.0			.0								11	11		
74/ 73			.0	.0	.0	.0	.1		.0	.0								19	19		
72/ 71	.0		.0	.0	.0	.0	.1	.0	.1	.0								22	22	5	1
70/ 69		.1	.1	.1	.1	.0	.1	.1	.1									41	41	9	2
68/ 67	.0	.3	.2	.1	.1	.0	.1	.1	.1									69	69	30	20
66/ 65	.1	.8	.2	.1	.3	.1	.3	.1	.0									142	142	44	35
64/ 63	.1	.4	.2	.3	.2	.2	.2	.0										121	121	97	73
62/ 61	.1	.5	.3	.3	.3	.3	.2	.0	.0									152	152	64	57
60/ 59	.4	1.2	.8	.3	.2	.4	.1	.1	.0	.0								258	258	135	102
58/ 57	.5	1.8	.7	.3	.4	.2	.0	.0										281	281	210	133
56/ 55	.4	1.4	.5	.7	.6	.4	.2	.1										311	311	290	180
54/ 53	.5	1.0	1.0	.6	.6	.3	.2											303	303	266	246
52/ 51	.6	1.7	1.3	1.0	.5	.3	.1	.0										399	399	278	213
50/ 49	.6	1.7	1.2	1.1	.8	.6	.1	.0										447	447	361	211
48/ 47	.2	1.8	1.2	1.3	1.3	.5	.3	.0										459	459	350	237
46/ 45	.4	2.4	1.4	1.4	1.1	.3	.0											505	505	419	285
44/ 43	.3	2.4	1.7	1.6	.8	.2	.0											502	502	448	340
42/ 41	.5	2.2	1.6	1.6	.6	.1												469	469	530	454
40/ 39	1.1	2.5	2.1	1.6	.3	.0												554	554	610	410
38/ 37	.9	2.2	2.2	1.0	1													463	463	611	484
36/ 35	.9	2.2	1.9	.8	.1													413	413	555	378
34/ 33	.8	2.2	1.7	.3	.0													359	359	482	440
32/ 31	.4	2.3	1.0	.4														296	296	435	501
30/ 29	.5	1.9	.8	.1														234	234	362	485
28/ 27	.3	1.5	.3	.0														150	150	250	474
26/ 25	.1	.7	.3															82	82	159	424
24/ 23	.1	.4	.2															48	48	77	331
22/ 21	.0	.4	.1															40	40	51	226
20/ 19	.1	.2	.0															19	19	42	153

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 48-57 (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
18/ 17	.0	.0	.0															7	7	14	107
16/ 15		.1																5	5	5	75
14/ 13																				6	52
12/ 11																					30
10/ 9																					18
8/ 7																					9
6/ 5																					6
4/ 3																					2
2/ 1																					1
TOTAL	10.1	36.4	23.0	15.1	8.3	4.0	2.0	.7	.4	.1									7195		7195
																		7195		7195	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	42553248	539024	74.9	17.374	7195
Dry Bulb	15374921	323497	45.0	10.742	7195
Wet Bulb	13081035	298169	41.4	10.036	7195
Dew Point	10712806	264566	36.8	11.698	7195

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							
Dry Bulb		88.2	17.6	4.4	.6		720
Wet Bulb		140.2	4.4				720
Dew Point		289.6	2.3				720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 47-56 (YEARS) DEC (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
62/ 61			.1															1	1		
60/ 59		.7																6	6		
58/ 57	.1	.1																2	2	8	5
56/ 55	.3	.8																10	10	5	6
54/ 53	.6	1.2	.4				.1											21	21	14	14
52/ 51	.1	.9	.1		.1													11	11	11	10
50/ 49	.1	.6																6	6	12	8
48/ 47	1.1	.9		.1	.1													20	20	17	19
46/ 45	1.3	1.5	.3	.4														32	32	24	26
44/ 43	1.2	1.2	.8															29	29	24	19
42/ 41	1.0	1.2	1.2	.2	.1													34	34	24	19
40/ 39	2.6	3.5	1.1	.3														67	68	59	29
38/ 37	.7	3.4	2.2	.1														57	57	41	29
36/ 35	1.6	4.4	3.0	1.0														89	91	58	48
34/ 33	1.6	3.0	3.1	.4														73	73	85	49
32/ 31	1.0	7.5	1.7	.2														93	96	67	60
30/ 29	.9	4.6	1.8	.4														69	70	99	52
28/ 27	.7	3.2	3.2	.2														66	68	69	60
26/ 25	1.2	2.3	1.8	.2														50	53	57	75
24/ 23	.3	2.3	1.1	.2														36	36	56	61
22/ 21	.4	1.9	1.5	.4														38	38	41	48
20/ 19	.1	1.8	1.1	.1														28	28	37	31
18/ 17	.4	1.5	.9															25	25	32	52
16/ 15	.3	1.3	.1															16	16	24	30
14/ 13		.3																3	3	14	40
12/ 11		.3																3	3	5	22
10/ 9		.7																6	6	5	13
8/ 7		.3																3	3	4	19
6/ 5																				2	13
4/ 3																					14
2/ 1																					13
0/ -1																					5
-4/ -5																					1
-6/ -7																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 47-56 (YEARS) DEC (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
-8/ -9																					1
-36/-37																					1
TOTAL	17.8	51.5	25.7	4.6	.3		.1											894	906	894	894

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.	5782130	70596	79.0	15.240	894							
Dry Bulb	1075667	29995	33.1	9.555	906		45.7					93
Wet Bulb	958150	27926	31.2	9.803	894		53.3					93
Dew Point	790603	24101	27.0	12.560	894	1.0	63.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 47-56 (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. Dry Bulb	TOTAL Wet Bulb	Dew Point
62/ 61		.2																2	2	
60/ 59																			2	
58/ 57	.2	.3																5	5	3	5
56/ 55	.4	.3																7	7	8	8
54/ 53		.4																4	4	1	1
52/ 51	.6	.8	.3	.1														16	16	9	7
50/ 49	.7	.6		.1		.2												14	14	17	14
48/ 47	.8	.4		.2														13	13	12	12
46/ 45	1.3	2.0	.2	.1	.4													37	37	21	18
44/ 43	1.5	1.7	.4	.4														36	36	36	34
42/ 41	2.7	1.6	1.1															48	48	41	35
40/ 39	1.0	2.4	1.3	.9														50	50	40	21
38/ 37	1.6	1.7	1.1	.7														45	45	40	24
36/ 35	1.2	4.8	1.9	.2														73	73	51	45
34/ 33	1.1	5.6	2.5	.8														89	91	78	40
32/ 31	1.3	4.3	2.8	.1														76	77	71	53
30/ 29	1.5	4.7	1.9	.2														74	78	86	74
28/ 27	.4	3.8	1.8	.1														55	56	76	46
26/ 25	.7	3.9	1.2	.4														56	58	65	65
24/ 23	1.1	2.9	1.2	.1														48	51	51	58
22/ 21	.3	2.4	1.2															35	35	40	50
20/ 19	.4	2.0	1.2	.1														34	34	40	55
18/ 17	.4	2.5	.4															30	30	28	45
16/ 15	.3	2.1	.3															25	25	42	35
14/ 13		.8																7	7	12	29
12/ 11		.3																3	3	10	23
10/ 9	.2	.4																6	6	4	25
8/ 7		.4																4	4	6	21
6/ 5																				2	11
4/ 3																					13
2/ 1																					13
0/ -1																					5
-4/ -5																					1
-6/ -7																					2

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 47-56 (YEARS) DEC (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
-8/ -9																					2
-32/-33																					1
-36/-37																					1
TOTAL	20.0	53.5	21.2	4.7	.4	.2													905		892
																		892		892	

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.	5879051	71121	79.7	15.295	892							
Dry Bulb	1024331	29181	32.2	9.606	905		47.7					93
Wet Bulb	917986	27246	30.5	9.811	892		55.6					93
Dew Point	761355	23523	26.4	12.581	892	1.3	65.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 47-56 (YEARS) DEC (MONTH)

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

Temp. (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	.1													2	2		
60/ 59		.3																3	3	1	
58/ 57		.3																3	3	3	3
56/ 55	.2	.4																6	6	7	7
54/ 53	.3	.2	.1		.2													8	8	6	4
52/ 51	.6	.6	.4															14	14	9	8
50/ 49	.8	.3	.3															13	13	12	13
48/ 47	1.0	.9	.1		.1													19	19	17	14
46/ 45	.9	2.4		.2	.1													32	32	28	21
44/ 43	1.2	2.5	.1	.6	.1	.1												41	41	32	33
42/ 41	1.7	1.9	1.1	.1														43	43	39	33
40/ 39	1.5	1.5	1.6	.6														45	45	32	26
38/ 37	1.8	3.0	1.1	.7														59	59	49	37
36/ 35	1.8	4.2	.9	.9														69	69	61	35
34/ 33	1.2	5.1	3.5	.1														88	88	66	38
32/ 31	.9	4.2	1.8	.2														63	70	69	48
30/ 29	1.6	4.4	2.4	.4														78	79	90	76
28/ 27	1.2	4.2	.7															54	56	68	46
26/ 25	1.0	4.4	1.5															61	64	69	68
24/ 23	1.2	2.6	1.8															50	52	51	50
22/ 21	.4	1.8	1.5	.1														34	34	38	64
20/ 19	.9	2.7	.9															40	42	41	45
18/ 17	.3	1.3	.8															22	22	42	38
16/ 15	.4	1.9																21	21	19	34
14/ 13	.1	.8																8	8	24	35
12/ 11		.9																8	8	5	25
10/ 9		.6																5	5	6	22
8/ 7																				5	20
6/ 5																					19
4/ 3																					8
2/ 1																					7
0/ -1																					6
-2/ -3																					3
-4/ -5																					3

WET BULB TEMPERATURE DEPRESSION (F)

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 47-56 (YEARS) DEC (MONTH)

PAGE 2 0600-0800 (HOURS)

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	21.	353.	320.	6 4.0	.7	.1												889	906	889	889

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.	5905755	71299	80.2	14.530	889							
Dry Bulb	1035876	29364	32.4	9.644	906		47.3					93
Wet Bulb	927916	27364	30.8	9.820	889		55.1					93
Dew Point	770186	23812	26.8	12.210	889	1.3	64.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 47-56 (YEARS) DEC (MONTH)

PAGE 1 0900-1100 (HOURS)

Temp. (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
	WET BULB TEMPERATURE DEPRESSION (F)																				
64/ 63				.1	.1													2	2		
62/ 61						.1												1	1		
60/ 59	.2	.4	.1	.3		.2												12	12	3	2
58/ 57	.3	.3	.2	.1		.1	.1	.1										12	12	8	7
56/ 55	.1	.4	.3	.3		.2												13	13	11	4
54/ 53	.4	.8	.3		.2	.2												18	18	10	11
52/ 51		.9	.3	.2	.1	.1												15	15	14	10
50/ 49	.6	1.0	.7	.4	.6	.4												33	33	19	16
48/ 47	2.1	1.8	.6	.4	.8	.2												53	53	33	30
46/ 45	.9	1.9	1.3	.6	.2	.3												47	47	38	22
44/ 43	.7	1.7	1.6	1.7	.4	.1												55	55	39	31
42/ 41	1.0	1.8	1.7	1.9	.6													62	62	50	34
40/ 39	1.1	1.7	3.4	2.6	.6													83	84	54	31
38/ 37	.7	2.8	2.5	3.5														84	84	67	34
36/ 35	.4	3.1	4.3	2.4	.2													93	97	81	42
34/ 33	.6	3.7	3.4	.8	.2													77	80	95	40
32/ 31	.8	2.1	2.2	1.7	.3													64	70	107	69
30/ 29	.4	1.7	1.7	1.3	.1													47	48	66	84
28/ 27	.4	1.7	1.7	.8														41	42	46	49
26/ 25	.2	.6	1.5	.6														25	25	47	80
24/ 23		.7	2.1	.2														27	27	28	52
22/ 21		.6	.4	.1														10	10	28	63
20/ 19		.1	.2															3	3	22	32
18/ 17		.3	.1															4	4	7	22
16/ 15		.2	.3															5	5	5	25
14/ 13		.2	.1															3	3	4	16
12/ 11																				5	27
10/ 9																					12
8/ 7																					15
6/ 5																					5
4/ 3																					10
2/ 1																					7
0/ -1																					3
-2/ -3																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 47-56 (YEARS) DEC (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
-4/ -5																					2
TOTAL	11.1	30.7	31.2	20.1	4.5	2.1	.1	.1										889	905	889	889

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.	4890972	64030	72.0	17.733	889							
Dry Bulb	1380105	34437	38.1	8.781	905		24.4					93
Wet Bulb	1156839	31075	35.0	8.917	889		38.4					93
Dew Point	888053	26009	29.3	11.965	889	.7	60.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 47-56 (YEARS) DEC (MONTH)

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

Temp. (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
	WET BULB TEMPERATURE DEPRESSION (F)																				
68/ 67				.2														2	2		
66/ 65		.1		.2	.2	.1												6	6		
64/ 63		.1		.3	.3		.1	.1										9	9	1	
62/ 61		.3		.8	.4	.1	.2											17	17	5	1
60/ 59		.7	.3	.8	.2		.2	.3										23	23	8	3
58/ 57	.3	.3	.2	.6	.3		.1	.2										19	19	14	12
56/ 55		.3	.7	.7	.1	.2		.1										19	19	18	5
54/ 53		.8	1.0	.6	.2	.6	.2											30	30	16	10
52/ 51	.3	.6	.9	.7	.6	.4	.2											33	33	26	20
50/ 49	.2	1.0	.6	1.0	.4	.7												35	35	28	25
48/ 47	.8	.9	1.1	1.1	1.6	.7	.1											56	56	29	26
46/ 45	.7	.6	1.2	2.2	1.6	1.0												65	65	39	33
44/ 43	.4	2.0	1.9	2.6	1.7	.2												79	79	48	16
42/ 41	1.0	.7	2.0	3.6	2.1	.4												88	90	51	34
40/ 39	1.1	1.0	2.8	3.7	1.6													91	93	80	36
38/ 37	.4	1.8	2.1	2.9	1.1	.2												77	81	92	33
36/ 35	.4	1.5	2.9	2.0	.2	.1												64	68	89	40
34/ 33	.1	1.0	2.9	2.4	.9													65	67	86	58
32/ 31	.4	.6	1.2	1.7	.9													43	43	85	50
30/ 29	.4		.8	1.7	.2													28	28	52	77
28/ 27		.6	.6	1.0														19	19	35	66
26/ 25		.2	.4	.6														11	11	39	55
24/ 23		.2	.3															5	5	24	58
22/ 21		.2	.2															4	4	14	53
20/ 19		.1																1	1	9	43
18/ 17			.1															1	1	1	27
16/ 15			.2															2	2		22
14/ 13																				3	21
12/ 11																					22
10/ 9																					11
8/ 7																					10
6/ 5																					9
4/ 3																					7
2/ 1																					5

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 47-56 (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
0/ -1																					3
-2/ -3																					1
TOTAL	6.8	15.6	24.7	31.3	14.8	4.8	1.2	.9										892	906	892	892

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.	4019719	57597	64.6	18.369	892							
Dry Bulb	1678733	38131	42.1	9.037	906		11.7	.2				93
Wet Bulb	1328399	33497	37.6	8.895	892		27.3					93
Dew Point	944284	26910	30.2	12.193	892	.4	56.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 — STATION
PHILLIPS/ABERDEEN MD — STATION NAME
47-56 — YEARS
DEC — 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
68/ 67				.1														1	1		
66/ 65			.1															1	1		
64/ 63		.1	.1	.6	.2			.2										11	11	2	
62/ 61		.3																3	3	2	1
60/ 59		1.1	.6	.2	.1			.2										20	20	7	4
58/ 57	.1	.3	.6	.1	.3			.2										15	15	12	10
56/ 55	.1	.3	.6	.6	.2	.3												19	19	14	9
54/ 53	.6	.4	.7	.7	.1	.1	.2											25	25	16	12
52/ 51	.1	1.0	1.0	.3	.2	.1	.1											26	26	14	14
50/ 49	.4	1.0	1.6	.6	.9	.2												42	42	29	18
48/ 47	.1	1.2	.6	1.1	1.4	.1	.1											42	42	28	16
46/ 45	.6	1.3	1.1	1.0	.8	.4												47	47	38	26
44/ 43	.9	1.2	2.5	2.7	.9	.7												79	79	39	33
42/ 41	.8	2.2	3.3	1.6	1.6	.1												86	86	59	39
40/ 39	1.1	1.9	3.8	2.8	.6													91	91	77	36
38/ 37	.2	2.5	2.5	2.5	.7	.1												75	76	86	28
36/ 35	.8	2.2	3.5	1.9	.2													77	80	88	42
34/ 33	1.2	1.8	3.8	1.8	.6													82	84	98	83
32/ 31	.6	.9	2.6	1.3	.1													49	50	75	69
30/ 29	.3	1.3	1.9	1.6														46	48	59	71
28/ 27	.2	.6	1.1	1.1	.1													28	28	56	51
26/ 25		.2	.6	.7														13	13	42	57
24/ 23		.2	.2															4	4	20	49
22/ 21		.4	.3	.2														9	9	14	56
20/ 19	.1		.1	.1														3	3	11	36
18/ 17			.1															1	1	4	37
16/ 15			.1															1	1	1	31
14/ 13		.1																1	1	2	13
12/ 11																				2	13
10/ 9																					11
8/ 7																					10
6/ 5																					9
4/ 3																					3
2/ 1																					5

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 47-56 (YEARS) DEC (MONTH)

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

Temp. (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	Dew Point
[/ -1																					2
-2/ -3																					2
-10/-11																					1
TOTAL	8.2	22.9	33.1	23.4	9.0	2.2	.4	.7										897	906	897	897

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.	4553040	61886	69.0	17.784	897							
Dry Bulb	1554034	36652	40.5	8.875	906		16.2	.1				93
Wet Bulb	1277882	32924	36.7	8.802	897		29.9					93
Dew Point	954023	27259	30.4	11.842	897	.5	54.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 — STATION
PHILLIPS/ABERDEEN MD — STATION NAME
47-56 — YEARS
DEC — MONTH

PAGE 1 — 1800-2000 HOURS (L. S. T.)

Temp. (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		.2	.1															3	3	1	
62/ 61		.1	.1															2	2	2	3
60/ 59		.2	.2															4	4	1	
58/ 57		.9	.1															9	9	8	2
56/ 55	.3	.8	.6			.1												16	16	9	9
54/ 53	.6	.8																12	12	16	17
52/ 51	.2	1.0	.2	.1														14	14	11	10
50/ 49	.8	1.0	.1	.1	.2													20	20	17	17
48/ 47	.2	1.8	.8	.4	.1													30	30	16	14
46/ 45	.7	1.8	.7	.4	.6	.1												38	38	25	18
44/ 43	.8	2.5	1.3	.3	.7	.1												51	51	32	20
42/ 41	1.7	2.2	2.2	1.6	.6	.1												75	75	51	40
40/ 39	1.6	2.7	2.9	2.0														82	82	54	38
38/ 37	.3	3.6	1.9	1.0	.1													62	62	63	26
36/ 35	1.6	3.7	2.8	1.2	.1													84	84	101	45
34/ 33	1.1	4.5	2.9	1.3														88	88	78	67
32/ 31	.2	3.8	2.9	1.7	.3													80	84	71	64
30/ 29	.4	2.7	2.7	.7														58	63	79	62
28/ 27	.4	2.5	3.1	.8														61	61	72	67
26/ 25	.1	1.3	2.7	.3														40	40	55	63
24/ 23	.4	1.2	1.1	.4														29	29	48	48
22/ 21		.7	.6															11	11	37	50
20/ 19		1.0	.3															12	12	21	32
18/ 17		.1	.3															4	4	11	39
16/ 15		.2	.1															3	3	5	42
14/ 13	.1	.3	.1															5	5	6	24
12/ 11		.3																3	3	2	16
10/ 9		.1																1	1	4	19
8/ 7																				1	19
6/ 5																					7
4/ 3																					4
2/ 1																					9
0/ -1																					3
-2/ -3																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb							
Wet Bulb							
Dew Point							

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 47-56 (YEARS) DEC (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
-6/ -9																					1
TOTAL	11.6	41.9	30.9	12.5	2.7	.4													906		897
																		897		897	

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.	5293819	67347	75.1	16.277	897							
Dry Bulb	1264562	32878	36.3	8.885	906		32.4					93
Wet Bulb	1097263	30277	33.8	9.168	897		42.7					93
Dew Point	869902	25768	28.7	12.030	897	.6	59.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MO (STATION NAME) 47-56 (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
64/ 63		.3																3	3	3	
62/ 61																					3
60/ 59		.3	.3															6	6	1	
58/ 57	.2	.4																6	6	9	6
56/ 55	.2	.8																9	9	4	5
54/ 53	.7	1.0																15	15	14	15
52/ 51	.2	.8	.1															10	10	11	8
50/ 49	1.4	.7																19	19	20	21
48/ 47	.3	1.0	.2	.1														15	15	10	10
46/ 45	1.3	1.1	.3	.3														28	28	25	25
44/ 43	.7	1.2	1.2	.3														31	31	20	13
42/ 41	1.4	2.0	1.6	1.0		.1												55	55	31	21
40/ 39	2.3	2.7	2.2	1.1		.1												76	76	59	37
38/ 37	.7	3.9	2.8	.9	.1													75	75	46	33
36/ 35	2.3	4.1	2.5	.4	.1													85	85	87	40
34/ 33	1.6	3.6	1.3	1.4														71	71	91	54
32/ 31	1.4	5.9	1.6	.6														85	85	76	75
30/ 29	.4	4.0	2.1	1.1														69	75	63	73
28/ 27	1.0	3.9	2.2	.2														66	69	82	56
26/ 25	.2	1.8	2.8	.2														45	45	61	60
24/ 23	.7	2.3	2.0	.4														49	49	41	51
22/ 21	.1	1.1	1.2	.2														24	24	48	38
20/ 19	.1	2.1	.3															23	23	34	33
18/ 17	.3	.8	.4															14	14	34	50
16/ 15	.1	.3	.2															6	6	8	34
14/ 13		.2																2	2	7	36
12/ 11		.3																3	3	3	32
10/ 9		.6																5	5	5	18
8/ 7		.2																2	2	4	13
6/ 5																					7
4/ 3																					12
2/ 1																					7
0/ -1																					8
-2/ -3																					2

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 47-56 (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
-10/-11																					1
TOTAL	17.	947.	625.	5 8.	5 .2	.2													906		897
																		897		897	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	5687421	70009	78.0	15.789	897
Dry Bulb	1139744	31020	34.2	9.264	906
Wet Bulb	1013350	28890	32.2	9.618	897
Dew Point	827470	24894	27.8	12.347	897

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb		41.3					93
Wet Bulb		48.3					93
Dew Point	1.1	62.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 47-56 (YEARS) DEC (MONTH)

PAGE 1 ALL (HOURS)

Temp. (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
	WET BULB TEMPERATURE DEPRESSION (F)																				
68/ 67				.0														3	3		
66/ 65		.0	.0	.0	.0	.0												7	7		
64/ 63		.1	.0	.1	.1		.0	.0										28	28	7	
62/ 61		.1	.0	.1	.1	.0	.0											28	28	9	8
60/ 59	.0	.5	.2	.2	.0	.0	.0	.1										74	74	23	9
58/ 57	.2	.4	.1	.1	.1	.0	.0	.1										71	71	65	50
56/ 55	.2	.5	.3	.2	.0	.1		.0										99	99	76	53
54/ 53	.4	.7	.3	.2	.1	.1	.1											133	133	93	84
52/ 51	.3	.8	.4	.2	.1	.1	.0											139	139	105	87
50/ 49	.6	.8	.4	.3	.3	.2												182	182	154	132
48/ 47	.8	1.1	.4	.4	.5	.1	.0											248	248	162	141
46/ 45	1.0	1.6	.7	.7	.5	.2												326	326	238	189
44/ 43	.9	1.7	1.2	1.1	.5	.2												401	401	270	199
42/ 41	1.4	1.7	1.8	1.2	.6	.1												491	493	346	255
40/ 39	1.5	2.2	2.4	1.7	.3	.0												585	589	455	254
38/ 37	.8	2.8	2.0	1.5	.3	.0												534	539	484	244
36/ 35	1.3	3.5	2.7	1.3	.1	.0												634	647	616	337
34/ 33	1.1	3.5	2.9	1.1	.2													633	642	677	429
32/ 31	.8	3.7	2.1	.9	.2													553	575	621	488
30/ 29	.8	2.9	1.9	.9	.0													469	489	594	569
28/ 27	.6	2.5	1.8	.5	.0													390	399	508	441
26/ 25	.4	1.8	1.6	.4														301	309	435	523
24/ 23	.5	1.6	1.2	.2														248	253	319	427
22/ 21	.2	1.1	.9	.1														165	165	260	422
20/ 19	.2	1.2	.5	.0														144	146	215	307
18/ 17	.2	.8	.4															101	101	159	310
16/ 15	.2	.8	.2															79	79	104	253
14/ 13	.0	.3	.0															29	29	72	214
12/ 11		.3																20	20	32	180
10/ 9	.0	.3																23	23	24	131
8/ 7		.1																9	9	20	127
6/ 5																				4	80
4/ 3																					71
2/ 1																					66

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 47-56 (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
0/ -1																					35
-2/ -3																					12
-4/ -5																					7
-6/ -7																					4
-8/ -9																					4
-10/ -11																					2
-32/ -33																					1
-36/ -37																					2
TOTAL	14.3	39.6	26.6	13.6	4.1	1.3	.2	.2										7147	7246	7147	7147

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.	42011967	533885	74.7	17.266	7147							
Dry Bulb	10153052	261658	36.1	9.860	7246		266.7	.3				744
Wet Bulb	8677785	239199	33.5	9.699	7147		350.5					744
Dew Point	6805876	202276	28.3	12.299	7147	7.0	486.8					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 47-57 (YEARS) ALL (MONTH)

PAGE 1 ALL (HOURS)

Temp. (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	.0		6	6		
100/ 99											.0	.0	.0	.0	.0			13	13		
98/ 97						.0		.0	.0	.0	.0	.0	.0	.0	.0			47	49		
96/ 95					.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				136	141		
94/ 93					.0	.0	.0	.0	.0	.0	.0	.0	.0					192	196		
92/ 91				.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0			276	282		
90/ 89				.0	.0	.1	.1	.2	.1	.1	.0	.0	.0	.0	.0			501	502	4	
88/ 87		.0	.0	.0	.1	.2	.2	.2	.1	.1	.0	.0	.0	.0				813	815	6	4
86/ 85		.0	.0	.1	.2	.4	.3	.2	.1	.1	.0	.0	.0					1143	1144	19	5
84/ 83			.0	.1	.3	.3	.3	.2	.1	.1	.0	.0	.0					1246	1251	42	21
82/ 81		.0	.1	.3	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0				1544	1552	103	20
80/ 79		.1	.3	.4	.3	.4	.3	.2	.2	.1	.0	.0		.0				2061	2065	406	79
78/ 77	.0	.3	.5	.5	.4	.3	.3	.2	.2	.1	.0	.0	.0					2396	2404	1039	245
76/ 75	.1	.5	.6	.7	.4	.4	.3	.2	.1	.1	.0	.0	.0					2899	2913	1990	804
74/ 73	.1	.7	.7	.6	.3	.3	.2	.2	.1	.0	.0	.0						2905	2911	2719	1761
72/ 71	.2	1.1	.8	.4	.4	.3	.2	.1	.1	.0	.0							3166	3174	3204	2574
70/ 69	.2	1.1	.9	.5	.4	.3	.2	.1	.0	.0	.0	.0						3334	3343	3655	3114
68/ 67	.2	1.1	.9	.4	.4	.2	.2	.1	.0	.0	.0	.0						3178	3181	3604	3276
66/ 65	.3	1.3	.7	.6	.3	.2	.2	.1	.1	.0	.0							3270	3271	3778	3068
64/ 63	.2	1.2	.7	.5	.3	.3	.1	.1	.0	.0								2974	2975	3661	3280
62/ 61	.3	1.2	.6	.5	.3	.2	.2	.1	.0	.0								2938	2940	3431	3285
60/ 59	.3	1.4	.7	.5	.3	.3	.2	.1	.0	.0								3226	3227	3589	3478
58/ 57	.3	1.4	.7	.4	.4	.2	.1	.1	.0									3090	3093	3426	3449
56/ 55	.3	1.3	.7	.5	.3	.3	.1	.0	.0									3033	3035	3285	3353
54/ 53	.3	1.1	.8	.4	.3	.2	.1	.0	.0									2796	2796	3009	3334
52/ 51	.3	1.1	.8	.4	.3	.2	.1	.0										2822	2823	3040	3031
50/ 49	.4	1.1	.7	.5	.4	.2	.0	.0										2951	2951	3168	2984
48/ 47	.3	1.1	.5	.6	.4	.2	.0	.0										2661	2661	2999	2781
46/ 45	.3	1.2	.7	.6	.3	.1	.0	.0										2922	2925	2973	2777
44/ 43	.3	1.1	.8	.6	.3	.1	.0	.0										2770	2775	2699	2840
42/ 41	.5	1.1	.9	.6	.3	.1	.0											3125	3128	3298	2886
40/ 39	.7	1.1	1.1	.7	.2	.0	.0											3376	3383	3467	2697
38/ 37	.6	1.2	.9	.6	.2	.0												3134	3140	3371	3011
36/ 35	.7	1.3	1.0	.6	.1	.0												3246	3262	3526	2920

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724057 (STATION) PHILLIPS/ABERDEEN MD (STATION NAME) 47-57 (YEARS) ALL

PAGE 2 ALL

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	.6	1.3	1.0	.4	.1	.0												2941	2951	3366	3726
32/ 31	.4	1.1	.8	.3	.1													2392	2417	3161	3262
30/ 29	.3	1.0	.7	.3	.0													2013	2039	2665	2999
28/ 27	.2	.8	.6	.1	.0													1487	1522	2212	2454
26/ 25	.1	.6	.5	.1	.0													1114	1124	1736	2469
24/ 23	.1	.4	.3	.1														809	814	1206	2055
22/ 21	.1	.4	.2	.0														585	588	920	1896
20/ 19	.1	.3	.2	.0														499	503	737	1441
18/ 17	.0	.2	.1	.0														304	305	493	1326
16/ 15	.0	.2	.1															256	258	318	1123
14/ 13	.0	.1	.0															171	171	263	902
12/ 11	.0	.1	.0															103	103	181	726
10/ 9	.0	.1	.0															65	65	117	459
8/ 7		.0																38	38	61	434
6/ 5	.0	.0																18	18	31	318
4/ 3	.0	.0																16	16	16	244
2/ 1	.0	.0																6	6	11	227
0/ -1	.0	.0																2	2	3	144
-2/ -3	.0																	3	3	4	61
-4/ -5	.0																	3	3	3	61
-6/ -7																					46
-8/ -9																					32
-10/ -11																					20
-12/ -13																					4
-14/ -15																					3
-16/ -17																					3
-18/ -19																					2
-32/ -33																					1
-36/ -37																					2
TOTAL	8.6	30.7	21.9	14.2	8.6	6.1	4.1	2.7	1.6	.8	.4	.2	.1	.0	.0	.0		87253		87017	
																		87017		87017	

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.	501647926	6416630	73.7	18.157	87017							
Dry Bulb	288291927	4769763	54.7	17.769	87253	.8	1011.1	2594.2	1624.4	709.5	40.5	8760
Wet Bulb	241086640	4362486	50.1	16.037	87017	1.0	1438.9	1684.0	634.6	33.4		8760
Dew Point	208319305	3968413	45.6	17.725	87017	38.5	2304.2	1194.1	294.9	8.5		8760

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

AL CLIMATOLOGY BRANCH
TAC
ATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION: PHILLIPS/ABERDEEN MD — STATION NAME — 46-57 — PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10	20	30	40	50	60	70	80	90	MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
JAN	00-02	100.0	100.0	100.0	99.0	95.7	85.0	70.5	50.3	26.9	[illegible]	[illegible]
	03-05	100.0	100.0	99.0	99.4	96.2	87.7	71.3	51.9	[illegible]	[illegible]	[illegible]
	06-08	100.0	100.0	99.9	99.3	95.9	86.2	72.9	53.2	31.9	[illegible]	[illegible]
	09-11	100.0	99.9	99.4	96.2	87.6	69.7	57.9	37.4	19.8	[illegible]	[illegible]
	12-14	100.0	99.0	98.3	93.8	76.4	57.0	39.6	25.[illegible]	13.9	[illegible]	[illegible]
	15-17	100.0	100.0	99.7	94.4	82.7	64.6	42.4	26.5	14.[illegible]	[illegible]	[illegible]
	18-20	100.0	100.0	99.4	97.1	89.7	75.7	57.0	39.4	1[illegible].3	[illegible]	[illegible]
	21-23	100.0	100.0	99.9	98.0	97.0	79.7	63.5	47.4	23.3	[illegible]	[illegible]
TOTALS		100.0	100.0	99.4	97.2	89.7	76.0	58.9	41.4	22.3	[illegible]	[illegible]

USAFETAC FORM JUL 64 0-87-5 OL A

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CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

724157 PHILLIPS/ABERDEEN MD 48-57 FEB
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70	80	90		
FEB	00-02	100.0	100.0	100.0	99.1	94.9	83.9	68.8	49.3	28.5	78.1	648
	03-05	100.0	100.0	100.0	99.5	96.2	86.6	72.2	53.8	32.3	79.6	644
	06-08	100.0	100.0	100.0	99.2	94.9	84.7	69.4	51.2	30.0	79.7	644
	09-11	100.0	99.9	98.8	94.8	80.9	63.6	48.8	34.8	21.8	71.2	643
	12-14	100.0	99.6	97.5	87.3	69.4	55.6	37.9	25.2	14.8	64.3	644
	15-17	100.0	99.8	96.4	88.0	71.1	55.4	40.1	24.0	14.2	64.8	64[illegible]
	18-20	100.0	100.0	98.9	95.5	85.0	70.1	51.7	35.6	21.0	71.6	646
	21-23	100.0	100.0	99.7	98.3	93.1	80.1	61.8	41.5	24.4	75.8	644
TOTALS		100.0	99.9	98.9	95.2	85.6	72.5	56.3	39.5	23.1	72.9	6756

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

724057 PHILLIPS/ABERDEEN MD 48-57 MAR
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20	30%	40%	50%	60%	70	80	90		
MAR	00-02	100.0	100.0	99.8	98.3	91.3	80.1	64.0	47.[illegible]	26.0	76.3	928
	03-05	100.0	100.0	100.0	99.1	92.8	83.5	66.0	50.8	28.5	77.9	930
	06-08	100.0	100.0	100.0	97.8	91.6	81.4	65.4	47.1	29.1	77.1	930
	09-11	100.0	100.0	98.4	92.0	75.2	56.8	42.1	29.7	18.6	67.0	928
	12-14	100.0	99.9	94.6	80.5	62.8	47.9	34.0	22.4	13.9	61.5	927
	15-17	100.0	99.8	94.8	80.6	62.7	47.8	32.7	22.5	11.8	61.1	930
	18-20	100.0	99.9	99.5	91.9	79.6	60.5	42.8	28.9	17.9	67.8	928
	21-23	100.0	100.0	99.7	96.2	87.5	74.1	55.1	37.4	23.0	73.1	927
TOTALS		100.0	100.0	98.4	92.1	80.4	66.5	50.3	35.7	21.1	70.2	7428

USAFETAC FORM JUL 64 0-87-5 (OL A)

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

724057 PHILLIPS/ABERDEEN MD 49-57 APR
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90		
APR	00-02	100.0	100.0	99.6	98.9	96.7	90.3	73.4	51.2	24.1	79.3	900
	03-05	100.0	100.0	99.7	99.1	97.2	92.2	77.9	57.6	31.1	81.3	900
	06-08	100.0	100.0	99.7	98.9	95.2	84.1	66.1	44.3	25.0	77.2	900
	09-11	100.0	100.0	98.6	92.1	79.0	57.4	38.8	23.5	12.2	65.7	899
	12-14	100.0	99.9	95.0	93.1	64.9	43.8	31.1	18.4	9.3	60.3	900
	15-17	100.0	100.0	94.9	81.8	63.4	44.1	27.9	16.4	8.2	59.5	900
	18-20	100.0	99.8	98.3	93.7	81.6	62.3	42.2	27.0	13.1	67.4	900
	21-23	100.0	100.0	99.2	98.4	93.0	81.6	60.9	38.7	18.9	74.9	900
TOTALS		100.0	100.0	98.1	93.3	83.9	69.5	52.3	34.6	17.7	7[illegible].7	7199

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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RELATIVE HUMIDITY

724157 PHILLIPS/ABERDEEN MD 48-57 MAY
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90		
MAY	00-02	100.0	100.0	100.0	99.9	97.6	93.4	81.9	64.9	37.4	83.6	930
	03-05	100.0	100.0	100.0	99.9	98.7	95.9	86.9	72.9	45.4	86.3	930
	06-08	100.0	100.0	99.9	99.4	94.1	84.2	71.1	50.6	25.8	78.5	930
	09-11	100.0	99.9	98.1	90.3	75.4	57.3	41.1	23.5	9.6	65.1	930
	12-14	100.0	99.5	94.[illegible]	79.0	63.0	44.2	27.5	15.2	5.5	58.5	930
	15-17	100.0	99.6	93.6	80.1	63.9	46.2	30.0	16.7	5.7	59.4	929
	18-20	100.0	100.0	99.1	94.0	84.1	66.6	48.9	29.6	11.6	69.3	930
	21-23	100.0	100.0	99.7	99.0	95.9	86.9	73.3	53.4	25.6	79.2	929
TOTALS		100.0	99.9	98.1	92.7	84.1	71.8	57.6	40.9	20.8	72.5	7438

USAFETAC FORM JUL 64 0-87-5 (OL A)

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

724057 STATION | PHILLIPS/ABERDEEN MD STATION NAME | 43-57 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	100.0	99.2	97.3	89.7	77.4	39.8	86.3	900
	03-05	100.0	100.0	100.0	100.0	99.7	98.2	92.8	80.6	48.6	88.1	900
	06-08	100.0	100.0	100.0	99.7	97.2	89.0	71.2	51.6	20.6	76.7	900
	09-11	100.0	100.0	99.7	94.8	80.3	58.7	35.9	19.3	6.0	65.1	900
	12-14	100.0	99.7	97.0	87.5	66.9	39.8	20.4	10.9	4.3	58.2	899
	15-17	100.0	99.8	97.6	87.0	68.2	42.1	24.0	13.3	4.8	59.4	900
	18-20	100.0	99.9	99.7	98.1	90.4	74.4	50.3	26.9	9.9	70.5	900
	21-23	100.0	100.0	100.0	99.8	98.6	93.8	84.9	62.5	22.2	81.9	899
TOTALS		100.0	99.9	99.3	95.9	87.6	74.2	58.7	42.8	19.5	73.5	7198

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

724057 PHILLIPS/ABERDEEN MD 43-57 JUL
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90		
JUL	00-02	100.0	100.0	100.0	100.0	99.9	98.2	91.5	76.7	35.5	86.2	930
	03-05	100.0	100.0	100.0	100.0	100.0	99.1	95.9	82.7	44.6	88.3	930
	06-08	100.0	100.0	100.0	99.7	98.4	91.9	76.0	49.5	14.1	78.8	930
	09-11	100.0	100.0	99.8	95.0	78.4	54.0	30.1	12.5	2.6	62.6	929
	12-14	100.0	100.0	97.4	83.1	57.3	35.1	17.1	7.7	2.3	55.7	930
	15-17	100.0	100.0	98.2	81.4	63.4	38.3	21.7	11.1	3.7	57.4	930
	18-20	100.0	100.0	99.9	98.0	89.8	70.1	48.4	25.2	7.7	69.7	930
	21-23	100.0	100.0	100.0	100.0	99.6	96.1	84.0	57.8	22.3	81.7	930
TOTALS		100.0	100.0	99.4	94.7	85.9	72.9	58.1	40.4	16.6	72.6	7439

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

RELATIVE HUMIDITY

724057 PHILLIPS/ABERDEEN MD 48-57 AUG
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	100.0	100.0	96.8	95.5	85.8	45.8	88.7	918
	03-05	100.0	100.0	100.0	100.0	99.9	99.2	96.3	87.9	50.8	89.7	918
	06-08	100.0	100.0	100.0	100.0	99.0	94.8	85.2	65.6	31.7	83.4	918
	09-11	100.0	100.0	99.2	96.6	84.4	64.1	41.4	23.3	7.0	67.3	922
	12-14	100.0	100.0	98.6	88.3	68.8	44.0	26.5	11.8	2.4	59.7	924
	15-17	100.0	100.0	99.6	90.9	71.8	49.7	27.9	13.6	3.8	61.4	924
	18-20	100.0	100.0	100.0	99.5	95.5	85.7	69.2	39.8	11.2	75.6	921
	21-23	100.0	100.0	100.0	100.0	99.8	98.3	92.3	75.0	34.1	85.8	921
TOTALS		100.0	100.0	99.7	96.9	89.9	79.3	66.8	50.4	23.4	76.5	7366

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

RELATIVE HUMIDITY

724057 PHILLIPS/ABERDEEN MD 48-57 SEP
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	100.0	99.7	97.8	93.6	82.4	52.4	88.6	900
	03-05	100.0	100.0	100.0	100.0	100.0	98.9	95.8	86.1	55.7	90.0	897
	06-08	100.0	100.0	100.0	99.8	99.6	95.4	86.1	68.0	34.0	84.3	899
	09-11	100.0	100.0	99.7	97.4	83.7	65.6	44.1	20.9	6.2	67.3	900
	12-14	100.0	99.7	98.6	86.8	64.3	43.4	23.1	10.8	3.3	58.6	900
	15-17	100.0	99.7	99.0	90.9	71.9	51.0	30.4	13.9	4.9	61.8	900
	18-20	100.0	99.9	99.9	99.6	98.3	90.1	73.3	47.1	16.0	78.2	900
	21-23	100.0	100.0	100.0	100.0	99.2	96.9	92.0	72.8	36.4	85.7	900
TOTALS		100.0	99.9	99.7	96.8	89.6	79.9	67.3	50.3	26.1	76.8	7196

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

RELATIVE HUMIDITY

724057 PHILLIPS/ABERDEEN MD 48-57 OCT
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	100.0	99.8	98.8	95.6	88.4	71.2	39.9	85.4	930
	03-05	100.0	100.0	100.0	100.0	98.9	96.3	91.0	72.7	47.4	86.8	930
	06-08	100.0	100.0	100.0	99.9	99.0	94.8	85.5	65.3	37.4	84.4	930
	09-11	100.0	100.0	99.2	94.9	80.9	61.7	41.3	23.5	9.1	66.8	930
	12-14	100.0	99.4	96.3	84.3	63.9	41.2	23.6	13.0	4.7	58.3	929
	15-17	100.0	99.9	97.4	89.4	71.6	50.2	31.0	17.0	5.2	61.9	927
	18-20	100.0	100.0	99.9	99.2	96.7	87.7	73.0	41.7	15.4	77.2	930
	21-23	100.0	100.0	100.0	99.6	98.2	94.9	84.0	62.9	31.2	83.1	930
TOTALS		100.0	99.9	99.1	95.9	88.5	77.8	64.7	45.9	23.8	75.5	7436

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

RELATIVE HUMIDITY

724057 PHILLIPS/ABERDEEN MD 48-57 NOV
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	99.9	98.7	93.6	80.0	60.4	33.0	82.4	900
	03-05	100.0	100.0	100.0	100.0	99.1	92.1	81.4	65.9	40.2	83.5	900
	06-08	100.0	100.0	100.0	99.9	98.3	92.6	78.6	63.7	36.2	82.7	900
	09-11	100.0	100.0	99.6	96.8	84.8	64.3	45.7	28.4	14.6	69.3	900
	12-14	100.0	100.0	98.7	87.8	64.8	43.9	30.8	19.3	9.3	61.3	900
	15-17	100.0	99.9	99.3	92.3	76.1	54.2	36.8	20.3	11.2	64.8	900
	18-20	100.0	100.0	99.9	98.9	95.0	81.1	62.7	38.6	18.4	75.2	898
	21-23	100.0	100.0	100.0	99.6	98.3	91.6	76.4	53.0	25.5	80.2	897
TOTALS		100.0	100.0	99.7	96.9	89.4	76.7	61.6	43.7	23.6	74.9	7195

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

RELATIVE HUMIDITY

724057 PHILLIPS/ABERDEEN MD 47-56 DEC
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	99.9	99.9	99.9	98.8	95.4	86.7	72.0	51.9	29.2	79.0	894
	03-05	99.8	99.8	99.8	99.1	95.9	88.3	72.8	54.7	31.6	79.7	892
	06-08	100.0	100.0	100.0	99.7	97.3	87.9	75.4	55.0	31.6	80.2	889
	09-11	100.0	100.0	99.6	97.0	87.1	70.6	51.5	36.2	20.8	72.0	889
	12-14	100.0	100.0	99.1	91.0	73.0	55.7	34.5	20.7	12.4	64.6	892
	15-17	100.0	100.0	99.2	94.5	81.5	66.9	47.0	28.0	14.6	69.0	897
	18-20	100.0	100.0	100.0	97.9	91.2	79.8	61.0	42.5	21.5	75.1	897
	21-23	100.0	100.0	99.9	98.7	94.2	84.4	68.3	49.5	28.0	78.0	897
TOTALS		100.0	100.0	99.7	97.1	89.5	77.5	60.3	42.3	23.6	74.7	7147

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

724057 PHILLIPS/ABERDEEN MD 47-57 ALL
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	99.4	97.2	89.7	76.0	58.9	41.4	22.3	74.2	7219
FEB		100.0	99.9	98.9	95.2	85.6	72.5	56.3	39.5	23.1	72.5	6756
MAR		100.0	100.0	98.4	92.1	80.4	66.5	50.3	35.7	21.1	70.2	7428
APR		100.0	100.0	98.1	93.3	83.9	69.5	52.3	34.6	17.7	70.7	7199
MAY		100.0	99.9	98.1	92.7	84.1	71.8	57.6	40.9	20.8	72.5	7438
JUN		100.0	99.9	99.3	95.9	87.6	74.2	58.7	42.8	19.5	73.5	7198
JUL		100.0	100.0	99.4	94.7	85.9	72.9	58.1	40.4	16.6	72.6	7439
AUG		100.0	100.0	99.7	96.9	89.9	79.3	66.8	50.4	23.4	76.5	7366
SEP		100.0	99.9	99.7	96.8	89.6	79.9	67.3	50.3	26.1	76.8	7196
OCT		100.0	99.9	99.1	95.9	88.5	77.8	64.7	45.9	23.8	75.5	7436
NOV		100.0	100.0	99.7	96.9	89.4	76.7	61.6	43.7	23.6	74.9	7195
DEC		100.0	100.0	99.7	97.1	89.5	77.5	60.3	42.3	23.6	74.7	7147
TOTALS		100.0	100.0	99.1	95.4	87.0	74.6	59.4	42.3	21.8	73.8	87017

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

724057 PHILLIPS/ABERDEEN MD 47-57

STATION STATION NAME YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	31.9	33.1	37.7	47.6	56.1	64.7	70.0	67.6	60.8	51.7	41.2	33.1	49.8
	S.D.	9.639	8.714	8.825	8.554	7.110	6.596	5.551	5.739	8.155	8.646	9.902	9.555	15.851
	TOTAL OBS.	903	849	930	900	930	900	930	930	900	930	900	906	10908
03-05	MEAN	31.1	31.9	36.2	45.8	54.4	63.3	68.4	66.3	59.4	50.2	39.9	32.2	48.4
	S.D.	9.970	9.021	8.916	8.535	7.445	6.838	5.713	6.024	8.515	8.881	9.978	9.606	15.819
	TOTAL OBS.	903	849	930	900	930	900	930	930	900	930	900	905	10907
06-08	MEAN	30.9	32.0	37.2	48.6	58.8	68.6	73.3	70.2	62.5	51.8	40.4	32.4	50.7
	S.D.	10.084	9.394	9.036	8.514	7.117	6.958	5.529	5.817	8.244	8.883	9.840	9.644	17.368
	TOTAL OBS.	902	848	930	900	930	900	930	930	900	930	900	906	10906
09-11	MEAN	35.5	38.0	43.7	55.5	65.6	75.5	80.8	77.9	70.8	60.7	48.2	38.1	57.7
	S.D.	9.109	9.299	9.636	9.266	8.000	8.046	5.835	6.145	7.523	8.168	9.606	8.791	18.005
	TOTAL OBS.	903	849	930	900	930	900	930	930	900	930	900	905	10907
12-14	MEAN	39.4	42.4	48.2	59.5	69.8	79.3	84.5	81.8	75.0	65.3	52.3	42.1	61.8
	S.D.	9.327	9.548	10.495	10.047	8.627	8.557	6.194	6.313	7.977	8.722	10.061	9.037	18.131
	TOTAL OBS.	903	849	930	900	930	900	930	930	900	930	900	906	10908
15-17	MEAN	38.9	42.3	48.7	59.9	69.8	79.0	83.8	81.3	73.9	63.8	50.4	40.5	61.2
	S.D.	9.402	9.413	10.357	9.905	8.601	8.248	6.299	5.951	7.773	8.503	9.802	8.875	18.099
	TOTAL OBS.	903	849	930	900	930	900	930	930	900	929	900	906	10907
18-20	MEAN	35.2	37.7	43.8	54.7	64.3	73.4	78.3	74.8	66.7	56.7	45.1	36.3	55.8
	S.D.	8.883	8.572	9.257	8.882	7.531	7.081	5.492	5.578	7.629	7.822	9.222	8.885	17.126
	TOTAL OBS.	903	849	930	900	930	900	930	930	900	930	898	906	10906
21-23	MEAN	33.2	34.8	40.3	50.3	59.1	67.6	72.7	69.8	62.6	53.2	42.2	34.2	51.8
	S.D.	9.159	8.497	8.801	8.292	6.883	6.315	5.221	5.508	7.843	8.231	9.647	9.264	16.077
	TOTAL OBS.	903	848	930	900	930	900	930	930	900	930	897	906	10904
ALL HOURS	MEAN	34.5	36.5	42.0	52.7	62.2	71.4	76.5	73.7	66.5	56.7	45.0	36.1	54.7
	S.D.	9.953	9.907	10.489	10.344	9.504	9.406	8.183	8.209	9.790	10.122	10.742	9.860	17.769
	TOTAL OBS.	7223	6790	7440	7200	7440	7200	7440	7440	7200	7439	7195	7246	87253

USAFETAC FORM 0-8-9-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

724057 PHILLIPS/ABERDEEN MD 47-57

HRS		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	30.0	31.0	35.2	44.7	53.4	62.1	67.2	65.3	58.8	49.5	39.1	31.2	47.5
	S.D.	9.737	8.807	9.002	8.597	7.344	6.537	5.563	5.814	8.282	8.833	9.925	9.[illegible]	15.748
	TOTAL OBS.	932	846	928	900	930	900	930	918	900	930	900	884	10876
3-05	MEAN	29.4	30.1	34.6	43.4	52.2	61.1	66.1	64.3	57.7	48.3	38.1	30.5	46.4
	S.D.	10.025	9.203	9.189	8.641	7.782	6.871	5.776	6.154	8.678	9.094	10.026	9.811	15.797
	TOTAL OBS.	932	844	930	900	930	900	930	918	897	930	900	892	10873
06-08	MEAN	29.2	30.2	34.7	45.2	55.0	64.2	68.7	66.6	59.6	49.5	38.4	30.9	47.9
	S.D.	10.149	9.450	9.253	8.325	7.293	6.415	5.186	5.637	8.238	8.963	9.981	9.87[illegible]	16.565
	TOTAL OBS.	900	844	930	900	930	900	930	918	899	930	900	889	10870
9-11	MEAN	32.0	34.5	39.2	49.4	58.4	67.2	71.3	69.8	63.7	54.5	43.6	35.0	51.8
	S.D.	9.197	8.949	9.168	8.278	7.400	6.570	5.122	5.278	7.389	8.009	9.375	8.917	15.968
	TOTAL OBS.	903	843	928	899	930	900	929	922	900	930	900	889	10873
12-14	MEAN	35.3	37.6	42.2	51.8	60.4	68.6	72.3	71.2	65.1	56.6	45.9	37.6	53.9
	S.D.	9.091	8.583	9.335	8.281	7.353	6.575	5.224	5.330	7.195	7.867	9.405	8.895	15.399
	TOTAL OBS.	903	844	927	900	930	899	930	924	900	929	900	892	10873
15-17	MEAN	35.1	37.5	42.6	52.0	60.6	68.6	72.2	71.2	65.0	56.1	44.8	36.7	53.7
	S.D.	9.049	8.358	9.221	8.140	7.283	6.312	5.065	5.110	7.003	7.809	9.293	8.802	15.445
	TOTAL OBS.	903	845	930	900	929	900	930	924	900	927	900	897	10885
18-20	MEAN	32.5	34.4	39.4	49.1	58.1	66.7	70.9	69.1	62.4	52.9	41.8	33.8	51.1
	S.D.	8.978	8.270	8.760	7.983	6.902	6.061	4.744	5.031	7.313	7.988	9.284	9.168	15.790
	TOTAL OBS.	903	846	928	900	930	900	930	921	900	930	898	897	10883
21-23	MEAN	31.0	32.4	37.0	46.5	55.4	64.0	68.8	66.8	60.0	50.6	39.7	32.2	48.9
	S.D.	9.333	8.467	8.756	8.111	7.024	6.139	5.046	5.425	7.831	8.454	9.666	9.618	15.732
	TOTAL OBS.	903	844	927	900	929	899	930	921	900	930	897	897	10877
ALL HOURS	MEAN	31.9	33.5	38.0	47.8	56.7	65.3	69.7	68.1	61.5	52.2	41.4	33.5	50.1
	S.D.	9.716	9.217	9.607	8.847	7.870	6.968	5.665	6.015	8.208	8.917	10.036	9.699	16.037
	TOTAL OBS.	7219	6756	7428	7199	7438	7198	7439	7366	7196	7436	7195	7187	87017

USAFETAC FORM 0-8955 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

724057 PHILLIPS/ABERDEEN MD 47-57

HOUR		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0-02	MEAN	25.6	26.6	30.5	41.1	50.9	60.4	65.6	64.1	57.4	47.3	36.0	27.0	44.5
	S.D.	12.178	11.369	11.671	10.398	8.791	7.283	6.274	6.358	9.017	10.067	11.446	12.560	17.690
	TOTAL OBS	902	846	928	900	930	900	930	918	900	930	900	894	10878
3-05	MEAN	25.2	25.9	29.5	40.2	50.2	59.7	64.8	63.1	56.4	46.3	35.1	26.4	43.7
	S.D.	12.494	11.765	11.991	10.463	9.065	7.555	6.380	6.726	9.216	10.273	11.618	12.581	17.739
	TOTAL OBS	902	844	930	900	930	900	930	918	897	930	900	892	10873
6-08	MEAN	25.0	25.8	30.1	41.3	51.6	61.4	66.1	64.6	57.5	47.1	35.3	26.8	44.6
	S.D.	12.057	12.117	12.137	10.148	9.184	7.450	6.188	6.543	9.149	10.139	11.662	12.210	16.163
	TOTAL OBS	900	844	930	900	930	900	930	918	899	930	900	889	10870
9-11	MEAN	26.[illegible]	28.2	32.4	43.2	52.5	62.2	66.3	65.4	58.9	48.8	37.9	29.3	46.2
	S.D.	12.431	12.162	12.184	10.586	10.108	8.077	7.046	7.168	9.517	10.536	11.764	11.965	17.780
	TOTAL OBS	903	843	928	899	930	900	929	922	900	930	900	889	10873
12-14	MEAN	28.1	30.0	34.1	44.3	53.2	62.4	66.0	65.5	58.6	49.2	38.3	30.2	46.8
	S.D.	12.453	11.747	12.406	10.738	10.344	8.402	7.680	7.703	9.681	10.869	12.234	12.193	17.444
	TOTAL OBS	903	844	927	900	930	899	930	924	900	929	900	892	10878
15-17	MEAN	26.5	30.1	34.4	44.4	53.6	62.6	66.2	65.9	59.1	49.4	38.0	30.4	47.0
	S.D.	12.034	11.351	12.372	10.669	10.283	8.265	7.513	7.374	9.331	10.537	11.758	11.842	17.330
	TOTAL OBS	903	845	930	900	929	900	930	924	900	927	900	897	10885
18-20	MEAN	27.0	28.5	32.9	43.2	53.2	62.7	67.0	66.1	59.5	49.3	37.3	28.7	46.5
	S.D.	12.000	11.237	11.596	10.243	9.123	7.365	6.300	6.254	8.419	9.631	11.308	12.030	17.643
	TOTAL OBS	903	846	928	900	930	900	930	921	900	930	898	897	10883
21-23	MEAN	26.0	27.4	31.7	42.2	52.3	61.7	66.6	65.2	58.2	48.0	36.2	27.8	45.5
	S.D.	12.334	11.065	11.582	10.127	8.784	7.024	5.856	6.055	8.609	9.839	11.333	12.347	17.718
	TOTAL OBS	903	844	927	900	929	899	930	921	900	930	897	897	10877
ALL HOURS	MEAN	26.[illegible]	27.8	31.9	42.5	52.2	61.6	66.1	65.0	58.2	48.2	36.8	28.3	45.6
	S.D.	12.379	11.707	12.132	10.518	9.540	7.755	6.711	6.857	9.173	10.299	11.698	12.299	17.725
	TOTAL OBS	7219	6756	7428	7199	7438	7198	7439	7366	7196	7436	7195	7147	87017

USAFETAC FORM 0-8 (OLA)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

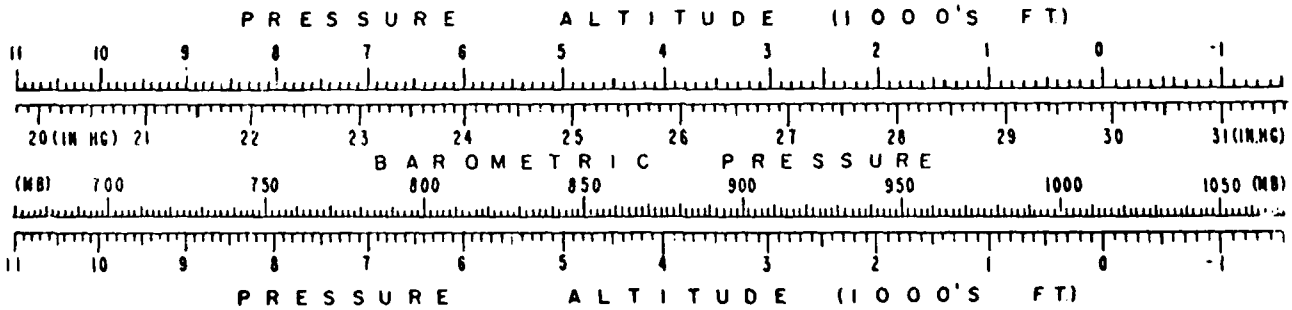
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided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

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

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

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



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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

724057 PHILLIPS/ABERDEEN MD 47-57

STATION STATION NAME YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN	30.027	30.045	29.940	29.919	29.902	29.893	29.923	29.928	29.993	30.030	29.977	30.032	29.967
	S D	.262	.275	.240	.239	.177	.149	.131	.132	.171	.212	.220	.249	.216
	TOTAL OBS	301	283	310	300	310	300	310	310	300	310	300	302	3636
04	MEAN	30.023	30.038	29.932	29.916	29.901	29.893	29.923	29.924	29.991	30.029	29.977	30.031	29.964
	S D	.271	.282	.247	.243	.183	.152	.134	.137	.175	.214	.225	.253	.221
	TOTAL OBS	301	283	310	300	310	300	310	310	300	310	300	302	3636
07	MEAN	30.043	30.060	29.959	29.951	29.935	29.922	29.952	29.953	30.018	30.056	30.001	30.049	29.991
	S D	.277	.286	.257	.249	.187	.153	.135	.141	.178	.220	.234	.257	.225
	TOTAL OBS	300	283	310	300	310	300	310	310	300	310	300	302	3635
10	MEAN	30.071	30.075	29.965	29.956	29.937	29.926	29.959	29.962	30.029	30.065	30.013	30.068	30.002
	S D	.280	.292	.263	.251	.189	.154	.133	.137	.182	.223	.240	.259	.229
	TOTAL OBS	301	283	310	300	310	300	310	310	300	310	300	302	3636
13	MEAN	30.011	30.019	29.916	29.912	29.899	29.894	29.929	29.930	29.987	30.009	29.957	30.004	29.955
	S D	.272	.285	.257	.247	.183	.150	.132	.130	.178	.223	.234	.257	.223
	TOTAL OBS	301	283	310	300	310	300	310	310	300	310	300	302	3636
16	MEAN	30.012	30.003	29.890	29.882	29.872	29.870	29.903	29.905	29.962	29.993	29.952	30.004	29.937
	S D	.260	.279	.251	.240	.178	.147	.131	.126	.177	.221	.227	.252	.219
	TOTAL OBS	301	283	310	300	310	300	310	310	300	310	300	302	3636
19	MEAN	30.043	30.032	29.921	29.902	29.883	29.876	29.904	29.912	29.981	30.016	29.980	30.031	29.956
	S D	.255	.270	.238	.234	.171	.145	.128	.124	.171	.217	.221	.250	.216
	TOTAL OBS	301	283	310	300	310	300	310	310	300	310	299	302	3635
22	MEAN	30.048	30.042	29.945	29.926	29.908	29.899	29.924	29.933	30.005	30.034	29.988	30.034	29.973
	S D	.257	.271	.233	.235	.169	.147	.127	.126	.168	.209	.222	.252	.213
	TOTAL OBS	301	283	310	300	310	300	310	310	300	310	299	302	3635
ALL HOURS	MEAN	30.035	30.039	29.933	29.920	29.905	29.897	29.927	29.931	29.996	30.029	29.980	30.032	29.968
	S D	.267	.280	.249	.243	.181	.151	.132	.133	.176	.218	.228	.254	.221
	TOTAL OBS	2407	2264	2480	2400	2480	2400	2480	2480	2400	2480	2398	2416	29085

USAFETAC FORM 0 89 5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

724057 PHILLIPS/ABERDEEN MD 47-57

STATION STATION NAME YEARS

HRS		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN	1019.4	1019.9	1016.4	1015.6	1015.0	1014.7	1015.7	1015.9	1018.1	1019.4	1017.6	1019.5	1017.2
	S D	8.947	9.389	8.192	8.124	6.034	5.054	4.497	4.513	5.843	7.217	7.534	8.484	7.385
	TOTAL OBS	301	283	310	300	310	300	310	310	300	310	300	302	3636
04	MEAN	1019.2	1019.7	1016.1	1015.5	1015.0	1014.7	1015.7	1015.7	1018.0	1019.3	1017.6	1019.5	1017.1
	S D	9.244	9.591	8.408	8.256	6.239	5.148	4.570	4.678	5.979	7.309	7.696	8.619	7.540
	TOTAL OBS	301	283	310	300	310	300	310	310	300	310	300	302	3636
07	MEAN	1020.0	1020.5	1017.0	1016.7	1016.1	1015.7	1016.7	1016.7	1019.0	1020.3	1018.4	1020.1	1018.1
	S D	9.432	9.741	8.739	8.456	6.365	5.218	4.606	4.815	6.072	7.490	8.027	8.780	7.679
	TOTAL OBS	300	283	310	300	310	300	310	310	300	310	300	302	3635
10	MEAN	1020.9	1021.0	1017.2	1016.9	1016.2	1015.8	1016.9	1017.1	1019.3	1020.6	1018.8	1020.8	1018.4
	S D	9.537	9.962	8.973	8.521	6.437	5.257	4.561	4.696	6.216	7.606	8.211	8.849	7.822
	TOTAL OBS	301	283	310	300	310	300	310	310	300	310	300	302	3636
13	MEAN	1018.8	1019.0	1015.5	1015.4	1014.9	1014.7	1015.9	1015.9	1017.9	1018.6	1016.9	1018.6	1016.8
	S D	9.293	9.718	8.770	8.378	6.219	5.128	4.514	4.466	6.054	7.586	8.009	8.769	7.596
	TOTAL OBS	301	283	310	300	310	300	310	310	300	310	300	302	3636
16	MEAN	1018.9	1018.5	1014.7	1014.4	1014.0	1013.9	1015.0	1015.1	1017.0	1018.1	1016.7	1018.5	1016.2
	S D	8.870	9.517	8.545	8.162	6.061	5.006	4.481	4.313	6.032	7.509	7.769	8.603	7.482
	TOTAL OBS	301	283	310	300	310	300	310	310	300	310	300	302	3636
19	MEAN	1019.9	1019.5	1015.7	1015.0	1014.3	1014.1	1015.1	1015.3	1017.7	1018.9	1017.7	1019.5	1016.9
	S D	8.684	9.193	8.124	7.952	5.834	4.922	4.368	4.229	5.843	7.378	7.581	8.511	7.362
	TOTAL OBS	301	283	310	300	310	300	310	310	300	310	299	302	3635
22	MEAN	1020.1	1019.9	1016.6	1015.8	1015.2	1014.9	1015.7	1016.0	1018.4	1019.5	1018.0	1019.6	1017.5
	S D	8.753	9.237	7.957	8.008	5.755	5.006	4.340	4.301	5.727	7.130	7.596	8.594	7.286
	TOTAL OBS	301	283	310	300	310	300	310	310	300	310	299	302	3635
ALL HOURS	MEAN	1019.7	1019.8	1016.1	1015.7	1015.1	1014.8	1015.8	1016.0	1018.2	1019.3	1017.7	1019.5	1017.3
	S D	9.110	9.559	8.495	8.259	6.155	5.123	4.532	4.541	6.002	7.433	7.822	8.667	7.549
	TOTAL OBS	2407	2264	2480	2400	2480	2400	2480	2480	2400	2480	2398	2416	29085

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