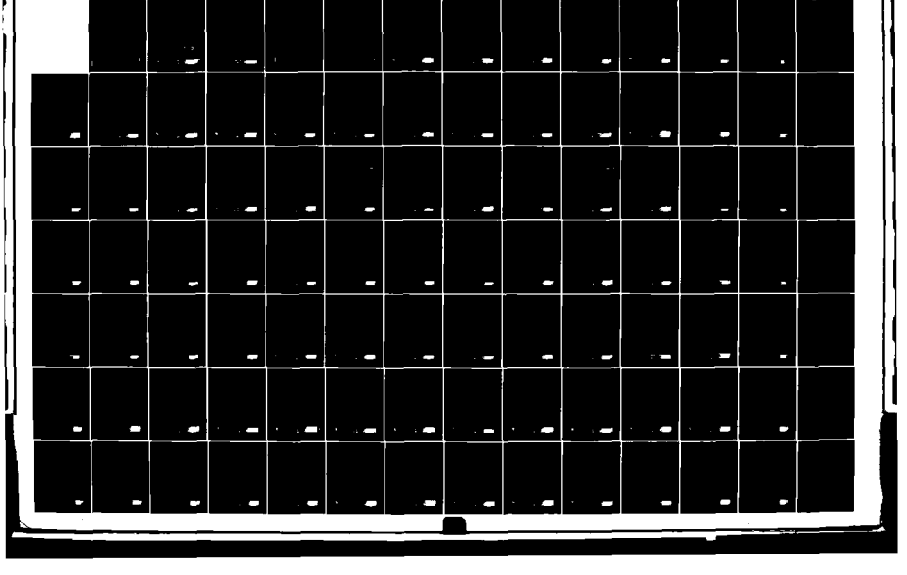
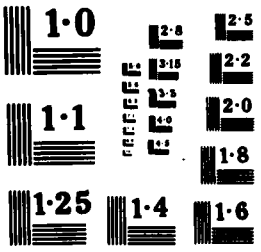
AD-A146 919 SONDRESTROM AB GREENLAND REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSER..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. JUL 84 1/5

UNCLASSIFIED USAFETAC/DS 84/021 SBI AD-E850 745 F/G 4/2 NL




1·0
1·1
1·25
1·4
2·5
2·2
2·0
1·8
1·6

AD-A146 919

(1)

USAFETAC/TN-84/002

DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)

AWS TECHNICAL LIBRARY
FL 4414
SCOTT AFB IL 62225
23 JUL 1984

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

SONDRESTROM GL MSC #042310
N 67 01 W 050 43 ELEV 165 FT BGSF

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

PERIOD OF RECORD:
HOURLY OBSERVATIONS: JUN 74 - MAY 83
SUMMARY OF DAY DATA: JAN 43 - JAN 46, JUN 46 - SEP 50,
JUN 51 - MAR 73

TIME CONVERSION GMT TO LST: -3

09 JUL 1984

FEDERAL BUILDING
ASHEVILLE, N. C.

Supersedes AD-A082 421

DTIC
ELECTE
OCT 29 1984
S D
B

DTIC FILE COPY

DISTRIBUTION STATEMENT A
Approved for public release;
Distribution Unlimited

84 10 23 241

REVIEW AND APPROVAL STATEMENT

This report, USAFETAC DS-84/021, is approved for public release. There is no objection to unlimited distribution of this report to the public at large, or by Defense Technical Information Center (DTIC) to the National Technical Information Service (NTIS).

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

Wayne E. Mc Collom

WAYNE E. MCCOLLOM
Chief, Document Reference Section
USAFETAC/LDX

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1 REPORT NUMBER USAFETAC/DS-84/021	2 GOVT ACCESSION NO. AD-A146919	3 RECIPIENT'S CATALOG NUMBER
4 TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- SONDRESTROM AB, GREENLAND.		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 JUL 84 13 NUMBER OF PAGES p. 320
14 MONITORING AGENCY NAME & ADDRESS(if different from Controlling Office)		15 SECURITY CLASS. (of this report) UNCLASSIFIED 15a DECLASSIFICATION/DOWNGRADING SCHEDULE

16 DISTRIBUTION STATEMENT (of this Report)

Approved for public release; distribution unlimited.

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

18 SUPPLEMENTARY NOTES

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

*RUSSWO	Daily temperature	Atmospheric pressure
Snowfall	Extreme snow depth	Extreme surface winds
Climatology	Sea-level pressure	Psychrometric summary
Surface Winds	Extreme temperature	Ceiling versus visibility
Relative humidity	*Climatological data	(over)

20 ABSTRACT (Continue on reverse side if necessary and identify by block number)

This report is a six-part statistical summary of surface weather observations for SONDRESTROM AB, GREENLAND. It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)

DD FORM 1 JAN 73 1473

UNCLASSIFIED

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

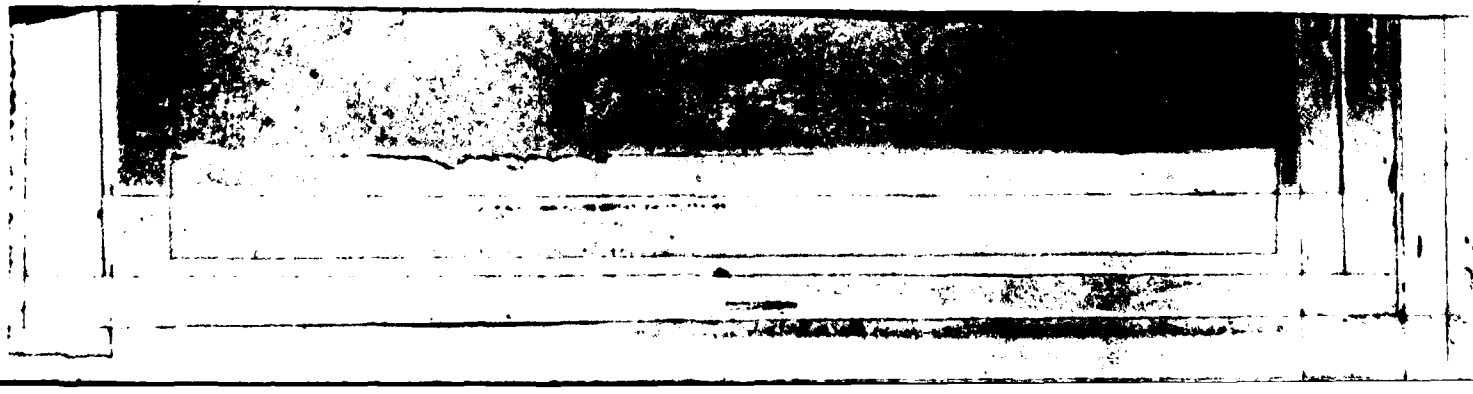
* SONDRESTROM AB * GREENLAND

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.

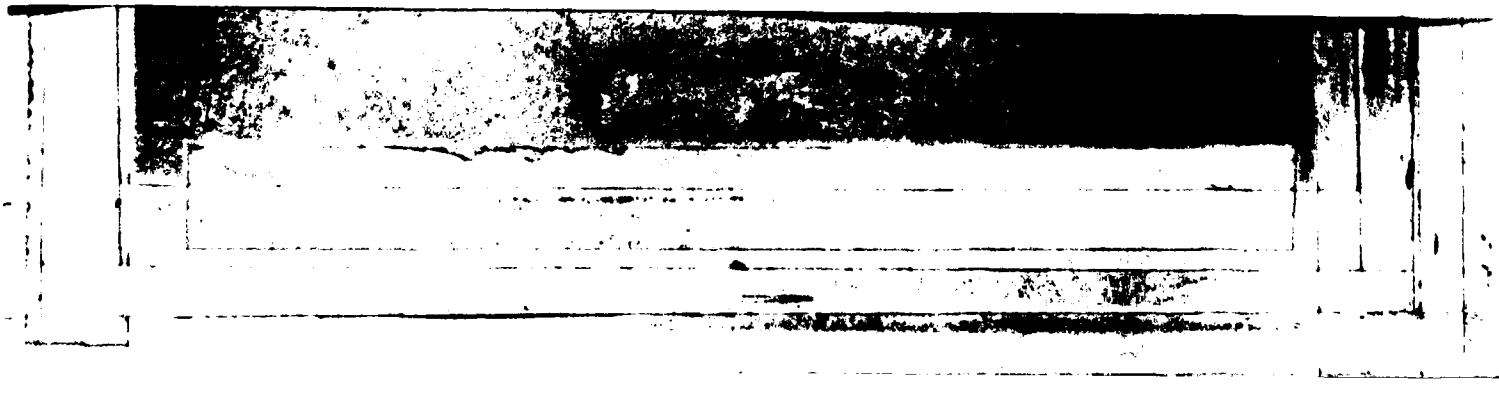
The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WMO number with the addition of a suffix zero; or, in cases where there is no designated WMO number, a 5-digit number created in agreement with WMO rules, plus a sixth qualifying 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.

Accession For	
NTIS GRA&I	☑
DTIC TAB	☐
Unannounced	☐
Justification	
By	
Distribution/	
Availability Codes	
Dist	Avail and/or Special
A-1	

DTIC COPY INSPECTED



Caution must be exercised when using these climatic data. This RUSSWO was prepared by using non-coincident periods of record of the daily and hourly observations.
The USAF reliquished control of Sondrestrom AB, GL in Mar 73. The observation function became the responsibility of the Danish Government at this time. The hourly data (those data after Mar 73) lack the quality assurance of comparing the original records with those data received through the automated means.



U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

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 DATA NOT AVAILABLE

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 DATA NOT AVAILABLE

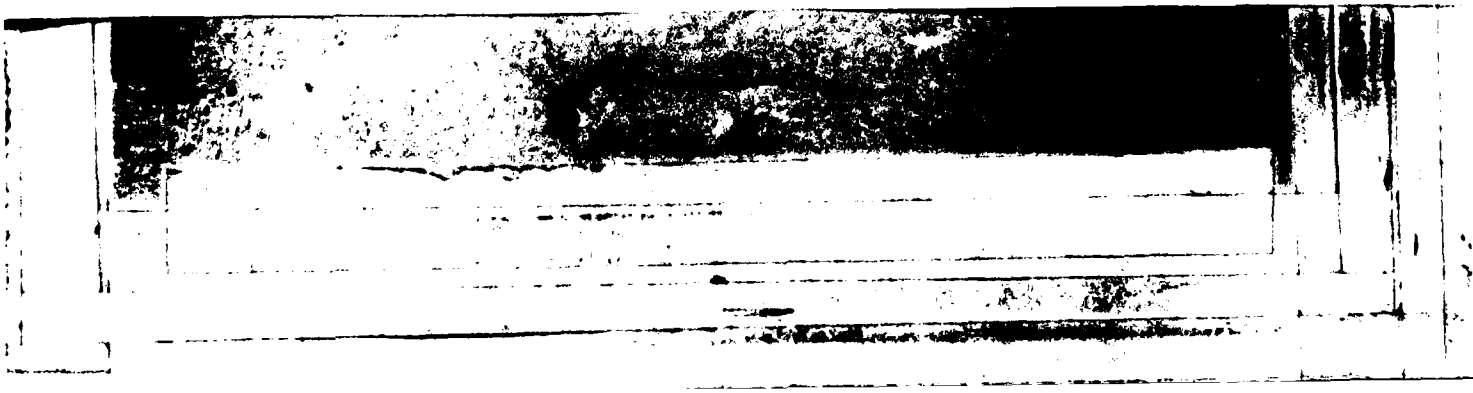
STANDARD 3-HOUR GROUPS

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_____



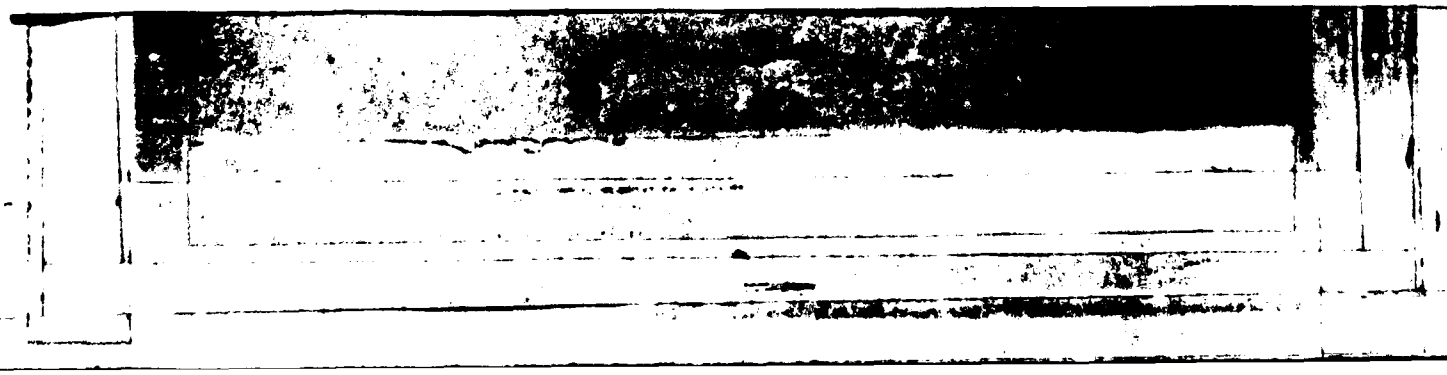
STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WMO NUMBER
042310	Sondrestrom AB Greenland	N 67 01	W 050 43	165	BGSF	04231

STATION LOCATION AND INSTRUMENTATION HISTORY

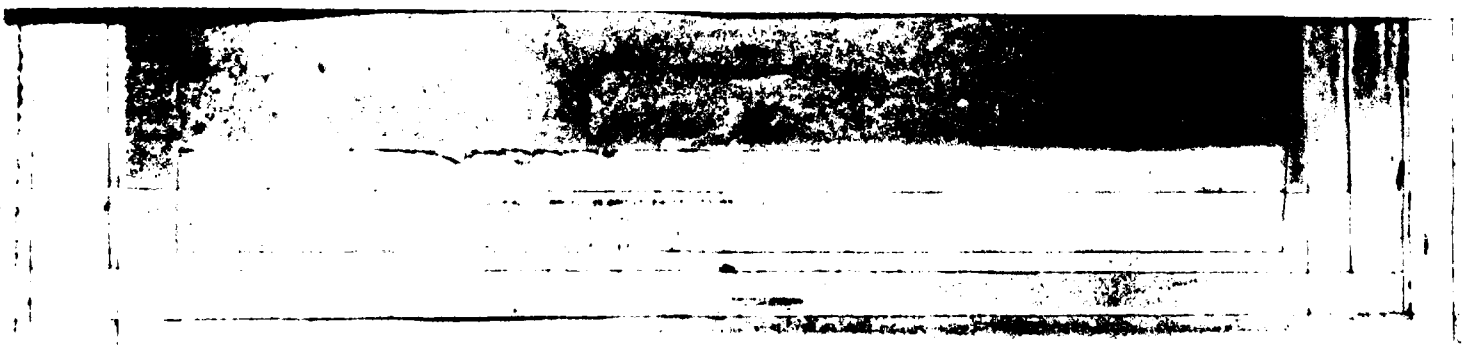
NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	MT. BARO.	
1	AAF Weather Station/Sondrestrom/ Bliue West 8	AAF	Nov 41	Jun 42	N 66 58	W 050 55	155 ft	190 ft	N/A
2	Same	AAF	Jun 42	Jun 43	Same	Same	155 ft	Same	24
3	Same	AAF	Jul 43	Mar 44	N 66 54	Same	155 ft	Same	24
4	Same	AAF	Apr 44	May 48	N 67 00	W 050 48	165 ft	Same	13 - 24
5	Sondrestrom AB Greenland	AB	Jun 48	Jun 50	N 67 00	W 050 48	165 ft	Same	8 - 24
6	Same	AB	Jul 51	Jul 67	N 67 01	W 050 48	165 ft	165	24
7	Same	AB	Aug 67	Mar 73	N 67 01	W 050 48	165 ft	165	24
*8	Sondrestrom Greenland	AB	Apr 73	Sep 83	N 67 01	W 050 43	165 ft	Unkn	varies

*After Mar 73 USAF ceased observing at this site and operations assumed by Danish Government personnel.

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	Dec 41 to Jan 42	Located on the weather station	Anemometer	None	167 ft	
2	May 43	No Change	No Change	None	18 ft	
3	Jun 45 to May 48	Located on operations building	No Change	None	24 ft	
4	Jun 48 to Apr 49	No Change	No Change	None	38 ft	
5	May 49 to Mar 53	Not available	N/A	N/A	N/A	



NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
6	Apr 53	Located on roof of weather station Building T-294	AN/GMQ-1	(WindPane) ML-204-B	30 ft	
7	Apr 54	No Change	No Chge	No Chge	25 ft	
8	Mar 56	Located W of Base Operations between rnwy and taxiway	AN/GMQ-11	RO-2	13 ft	
9	Apr 58	Located on a true bearing of 320° at a distance of 850 ft from the weather station and 500 ft from center line of the rnwy at approx midpoint	No Chge	No Chge	N/A	
10	Apr 61	No Change	No Chge	No Chge	N/A	
11	Apr 62	No Change	No Chge	No Chge	N/A	
12	Nov 62	Located 1500 ft from the end of and 600 ft from the centerline of rnwy 11	No Chge	No Chge	40 ft	
13	Apr 64	No Change	No Chge	No Chge	45 ft	
14	Nov 66	No Change	No Chge	No Chge	No Chge	
15	Mar 73	No Change	No Chge	No Chge	No Chge	
16	Sep 83	Unknown	Unknown	Unknown	Unknown	



U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

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.

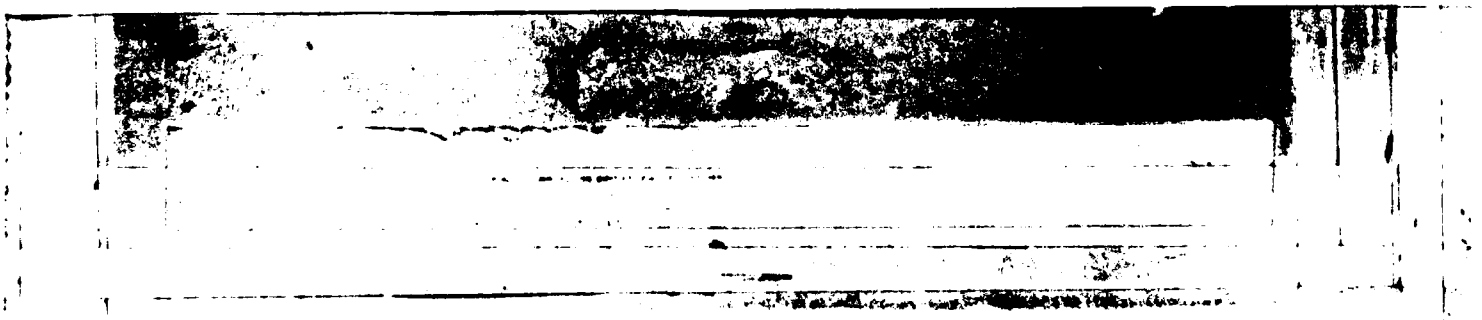
Fog - Included are fog, ice fog, and ground fog.

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).

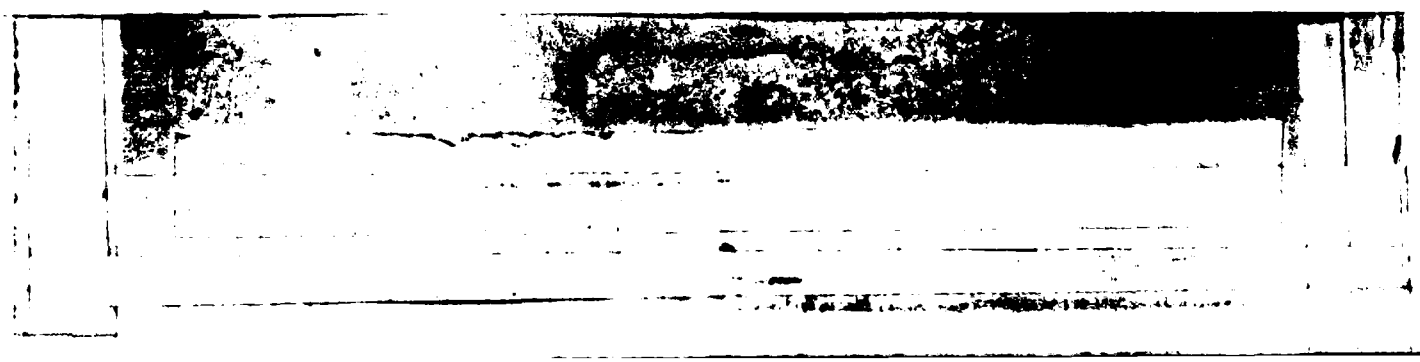
Dust and/or sand - Included are blowing dust, blowing sand, and dust.

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 observat[illegible]n one or more of the above obstructions to vision occurred. Since more than one type of obstruction [illegible]be reported in the same observation, the sums of the individual categories may exceed the percentage [illegible] columns. Also, although precipitation may reduce visibility, it is not considered an obstruction [illegible]ision for purposes of this summary; therefore, the percentage total of obstructions to vision need not [illegible]e the total observations with reduced visibility.



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

WEATHER CONDITIONS

STATION [illegible] STATION NAME [illegible] YEARS [illegible] 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	[illegible]		•		• 4		[illegible] 6	•				•	[illegible]
	[illegible]				• 2		[illegible]						[illegible]
	[illegible]			•	• 5		[illegible]			•		•	[illegible]
	[illegible]		•		5 •		[illegible]			•	•	•	[illegible]
	[illegible]		•		[illegible] 4		[illegible]	•	•	•	•	•	[illegible]
	[illegible]				4 •		[illegible]	•		•	•	•	[illegible]
	[illegible]		•		[illegible]		[illegible]			•	•	•	[illegible]
	[illegible]		•		• 3		6 • 5			•		•	[illegible]
TOTALS			•	•	[illegible]		[illegible]	•	•	•	•	•	[illegible]

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

STATION	STATION NAME	YEARS	MONTH
[illegible]71	SONDRESTROM GL	75-8[illegible]	FEB

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	0-02				15.3		15.3	.4	.1			.6	68[illegible]
	[illegible]-[illegible]		.1		16.4		16.5	.9		.[illegible]		1.	672
	06-[illegible]				14.6		14.6	.7	.1	.1		[illegible].2	671
	09-11				15.2		15.2	.6				.6	67[illegible]
	12-14				15.3		15.3	.6				.6	672
	15-17				15.2		15.2	1.[illegible]				1.0	67[illegible]
	18-20				15.5		15.5	.3				.[illegible]	666
	21-23		.[illegible]		16.0		16.3	.4				.4	673
TOTALS			.[illegible]		15.4		15.5	.6	.0	.0		.7	5383

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

42712 SONDRESTROM GL 75-83 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		.3		16.8		17.1			.3		.3	727
	03-05				17.7		17.7			.6		.6	716
	06-08			.3	15.7		16.0						725
	09-11		.1	.4	16.2		16.8						728
	12-14		.1	.3	14.5		14.9				.1	.1	739
	15-17				12.3		12.3	.1				.1	729
	18-20		.4		13.5		14.0				.1	.1	716
	21-23		.3	.1	19.5		19.9			.4		.4	727
TOTALS			.2	.1	15.8		16.1	.0		.2	.0	.2	5807

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

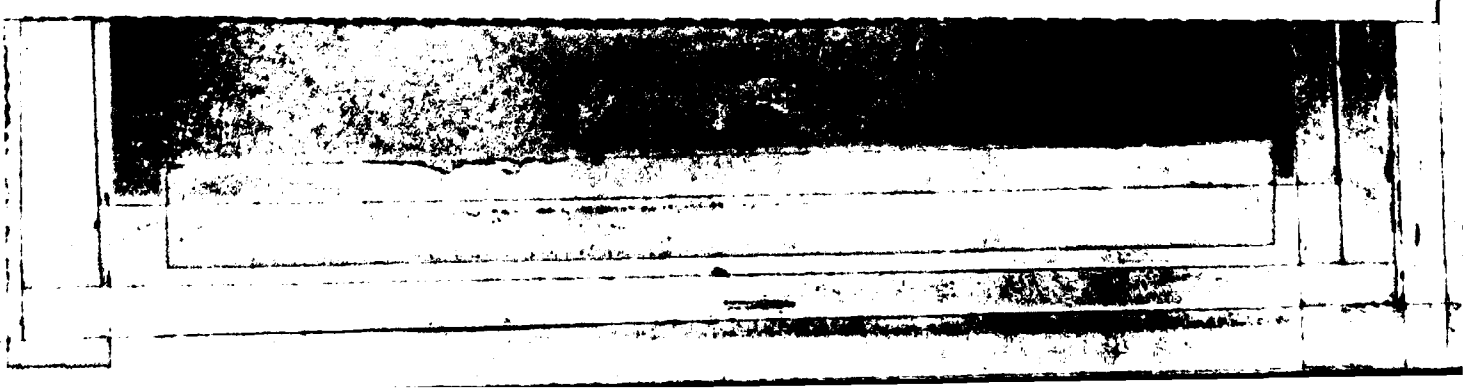
WEATHER CONDITIONS

04271 (STATION) SONDRESTROM GL (STATION NAME) 75-83 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02		3.4		13.5		15.4		.3		.1	.4	710
	03-05		2.8		15.5		17.2		1.3		.1	1.1	715
	06-08		3.4		16.1		18.2		.6		.1	.7	715
	09-11		1.4		12.9		14.0				.4	.4	713
	12-14		3.7		8.1		11.2				.3	.3	703
	15-17		3.0		7.1	.1	9.7				.3	.3	694
	18-20		3.1		8.2		10.7				.6	.6	719
	21-23		3.9		11.6		14.1				.3	.3	714
TOTALS			3.1		11.6	.0	13.8		.2		.3	.5	5683

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

[illegible] SONDRESTROM GL 74-8? JUN
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.
JUN	00-02		12.0		2.6		13.1	.1	.4			.6	723
	03-05		11.1		2.9		13.6		.1		.1	.3	727
	06-08		10.0		2.8		11.9	.4				.4	722
	09-11		8.9		2.0		10.3						707
	12-14		10.0		1.1	.1	11.1				.1	.1	719
	15-17		12.1		.9	.1	12.8				.7	.7	696
	18-20		13.7		1.4		14.7						716
	21-23		14.3		2.1		16.0	.3				.3	714
TOTALS			11.5		2.0	.0	12.9	.1	.1		.1	.3	5724

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

72310	SONDRESTROM GL	74-82	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		12.0				12.0	.1				.1	744
	03-05		12.0		.3		12.0	.3				.3	722
	06-08		13.2		.1		13.2	.1			.3	.4	751
	09-11		11.9				11.9	.1				.1	731
	12-14		10.5				10.5						760
	15-17		11.2				11.2				.4	.4	735
	18-20		11.1		.1		11.1				.1	.1	736
	21-23		11.7				11.7	.1			.1	.3	750
TOTALS			11.7		.1		11.7	.1			.1	.2	5929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

042310 SONDRESTROM GL 74-82 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		9.7		.4		10.1						752
	03-05		11.7		.7		12.1	.1				.1	759
	06-08		11.5		.8		12.1						749
	09-11		11.6		.7		11.9	.1				.1	733
	12-14		9.7		.3		9.7		.1		.4	.5	749
	15-17		12.1		.1	.1	12.1				.8	.8	733
	18-20		12.2		.4		12.2		.4		.4	.8	754
	21-23		12.8		.4		12.8						743
TOTALS			11.4		.5	.0	11.6	.0	.1		.2	.3	5572

USAFETAC FORM 0-10-3(GL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

[illegible] SONDRESTROM GL 74-8[illegible] SEP
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-0[illegible]		7.8		7.1		13.4		.7			.7	717
	03-05		7.[illegible]		7.6		13.9		1.2		.1	1.4	728
	06-08		8.1		7.0		13.4	.7	1.2		.1	2.0	732
	09-11		7.3		6.7		13.3	1.0	1.0			2.0	714
	12-14		6.8		6.6		12.4	.4	.3		.3	1.0	716
	15-17		8.1		5.5		11.9	.3				.3	708
	18-2[illegible]		9.9		6.2		14.3						727
	21-23		1[illegible].2		7.4		15.6		.8		.1	1.0	725
TOTALS			8.2		6.8		13.5	.3	.7		.1	1.1	5767

USAFETAC FORM JULY 66 0-10-5(GL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

42712 SONDRESTROM GL 74-82 OCT
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02		.9		16.8		17.5	.1	.8		.5	1.5	742
	03-05		1.1		17.6		18.7		.8		.5	1.4	738
	06-08		1.5		17.5		19.0	.5	1.2		.7	2.4	748
	09-11		1.3	.1	18.5		19.5	.5	1.1		.5	2.2	742
	12-14		1.2		17.5	.1	18.4	.3	.8		.1	1.2	748
	15-17		.8	.1	17.2		17.9	.1	.5		.8	1.5	738
	18-20	.1	1.1		16.2		16.6		1.2		.1	1.4	740
	21-23		1.2		16.6		17.0		1.0		.5	1.5	731
TOTALS		.0	1.1	.0	17.2	.0	18.1	.2	.9		.5	1.6	5927

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7210	SONDRESTROM GL	74-82	NOV
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.
NOV	00-02		.1		19.5		19.5	.4		.1	.3	.8	729
	03-05		.3	.1	19.3		19.4						725
	06-08	.1		.4	19.2		19.6	.1				.1	713
	09-11		.1		17.9		17.9						726
	12-14		.6	.6	16.0		16.7				.4	.4	719
	15-17		.4		15.9		16.3				.4	.4	711
	18-20		.4		17.4		17.8	.3			.1	.4	718
	21-23		.6		18.8		19.4	.1	.3	.1		.6	723
TOTALS		.0	.3	.1	18.0		18.3	.1	.0	.0	.2	.3	5764

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

3?231C — STATION
SONDRESTROM GL — STATION NAME
74-82 — YEARS
DEC — 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		.3		14.1		14.2	.3	.1	.5	1.3	2.3	747
	03-05				13.3		13.3			.1	.8	.9	746
	6-08				14.5		14.5			.1	.7	.8	725
	09-11		.1		13.1		13.1	.1	.4	.1	.1	.6	750
	12-14		.1		13.0		13.2	.7	.4	.1	1.2	2.4	737
	15-17				13.5		13.5	.8	.1		.7	1.6	735
	18-2				13.2		13.2	.3		.3	.5	1.1	743
	21-23		.3		13.0		13.1	.4		.3	.5	1.2	753
TOTALS			.1		13.5		13.5	.3	.1	.2	.7	1.4	5936

USAFETAC FORM JULY 64 0-10-5(GL 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.

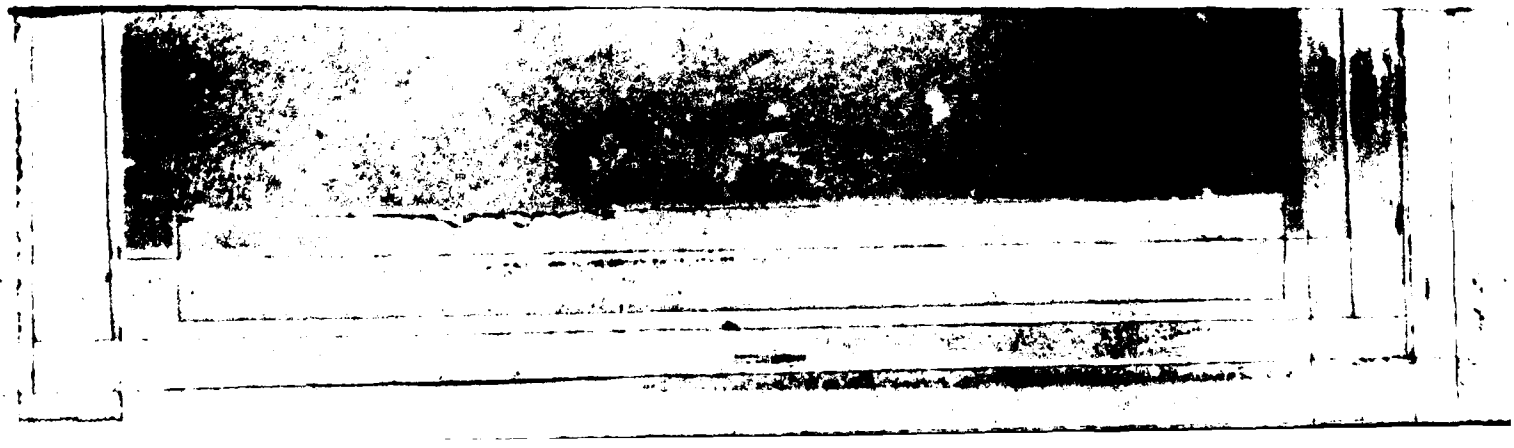
A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

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
USAFETAC
AIR WEATHER SERVICE/MAC

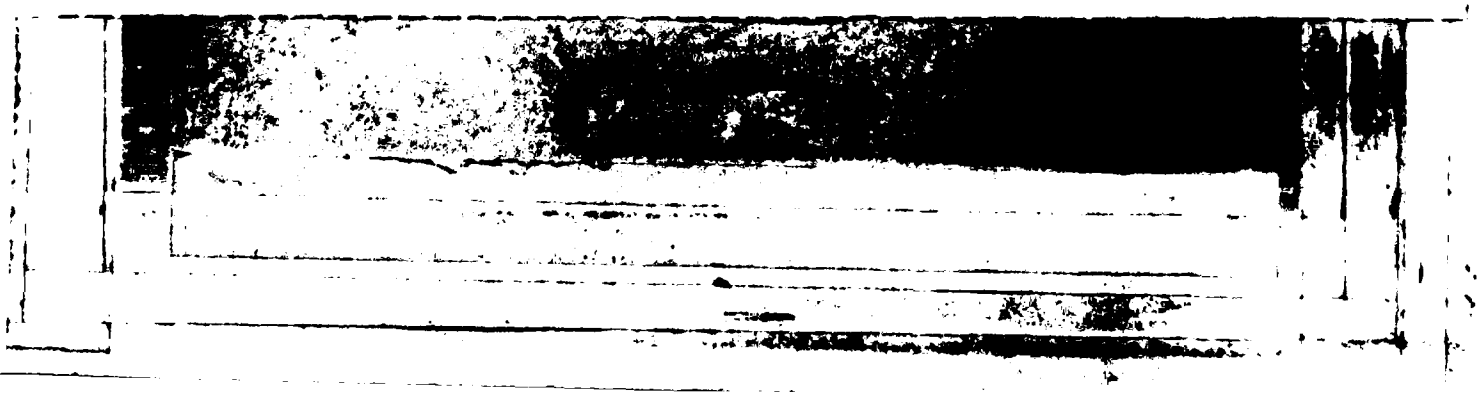
~~WEATHER CONDITIONS~~
ATMOSPHERIC PHENOMENA

4271 SONDRESTROM GL 46-77 ALL
STATION STATION NAME YEARS MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	DAILY		2.5	1.4	42.9		43.8	7.2	54.5	55.8		58.8	806
FEB			1.4	.1	40.4		41.0	7.7	52.2	55.7		57.8	763
MAR			1.1	.1	43.3		43.4	7.4	54.6	56.1		59.3	806
APR			3.5	.1	41.7		42.7	7.3	57.3	57.1		59.9	752
MAY			19.9	.1	28.4		38.8	11.4	56.9	56.2		61.4	775
JUN		.1	43.2		7.9	.1	38.2	4.7	55.7	55.5		57.8	809
JUL		.2	49.5		.6		42.2	9.2	52.0	51.9		57.2	837
AUG			41.4		2.5	.1	35.6	6.6	51.9	51.9		54.8	837
SEP			36.1	.2	35.6		46.5	9.9	52.5	51.9		57.2	809
OCT			11.7	1.4	46.3		51.2	14.1	51.1	50.5		55.5	806
NOV			5.8	.5	45.7		48.0	8.2	52.0	53.7		56.7	750
DEC			1.5	.2	46.4		46.8	6.1	50.6	52.0		54.8	806
TOTALS		.0	18.1	.3	31.0	.0	43.2	8.3	53.4	54.0		57.5	9552

USAFETAC FORM 0-10-514 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



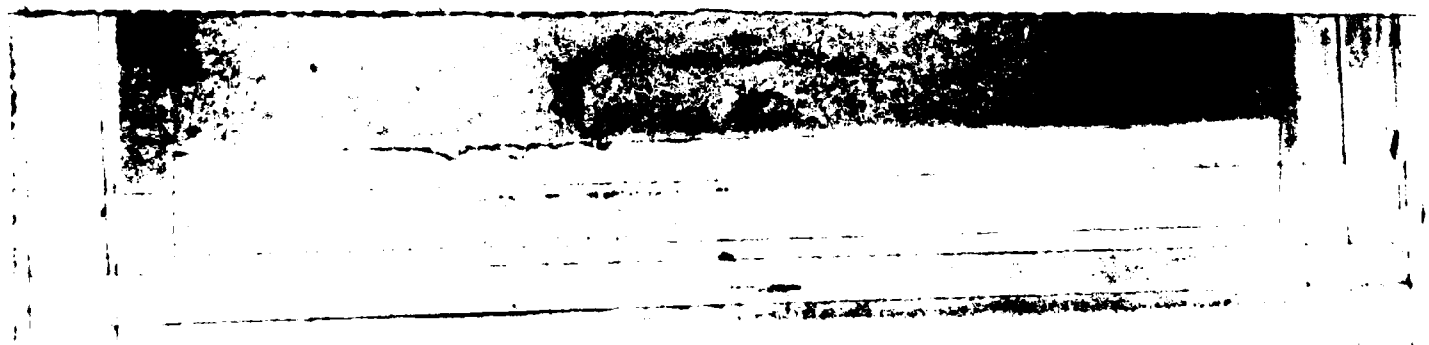
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]	SONDRESTROM GL	74-83	ALL

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		.?	.?	14.9		15.1	.1	.0	.2	.1	.4	5?4?
FEB			.		15.4		15.5	.6	.	.?		.7	5783
MAR			.?	.1	15.8		?6.1	.?	.	.2	.?	.2	5?.7
APR		.0	1.3	.?	14.9		1?.3	.2	.?	.1	.3	.6	5?66
MAY			?.1		11.6	.?	13.8		.2		.3	.5	5683
JUN			11.5		2.0	.0	12.9	.1	.1		.1	.3	5?24
JUL			11.7		.?		11.7	.1			.1	.2	5?29
AUG			11.4		.5	.?	11.6	.	.1		.2	.3	5?72
SEP			8.2		6.8		13.5	.3	.?		.1	1.1	5767
OCT		.0	1.1	.0	17.2	.0	18.1	.2	.9		.5	1.6	5927
NOV		.0	.3	.1	18.?		16.3	.1	.?	.0	.2	.3	5?64
DEC			.1		13.5		13.5	.3	.1	.2	.7	1.4	5?36
TOTALS		.0	4.1	.0	10.9	.0	14.7	.2	.2	.1	.2	.6	69598



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

[illegible] SONDRESTROM GL [illegible]-87 APR
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
APR	00-02		1.1		18.1		19.1	.3			.6	.9	718
	03-05		.8	.1	18.0		19.	.4	.1	.7	.1	1.	721
	06-08		1.		18.4		19.4	.3			.6	.8	716
	09-11		1.3		14.8		15.7	.3			.4	.7	718
	12-14		.2		11.3		12.6	.4			.7	.7	724
	15-17	.1	1.4		11.0		12.2			.7	.4	.7	724
	18-20		1.4		12.6		13.4				.	.4	722
	21-23		2.2		15.2		16.3				.1	.1	727
TOTALS		.0	1.3	.0	14.9		16.2	.2	.2	.1	.3	.6	5766

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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

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.

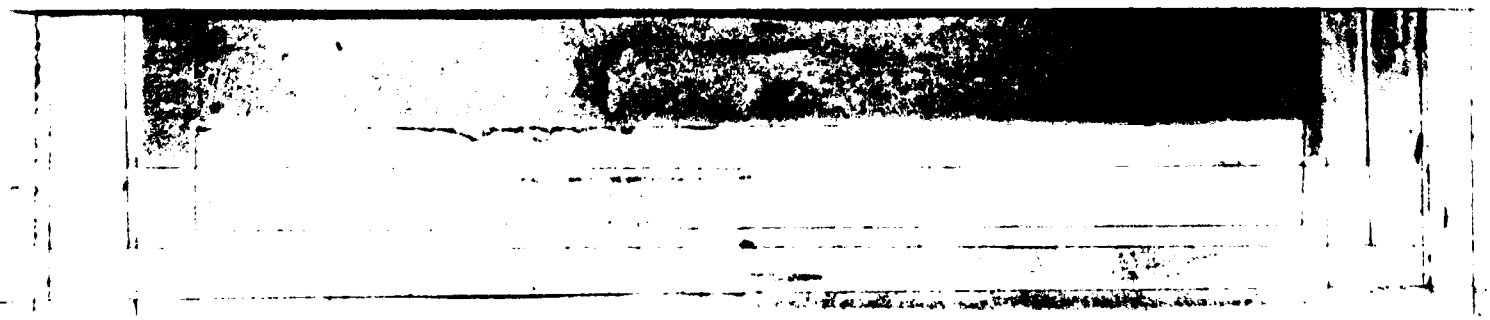
2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation 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)

042710 SONDRESTROM GL 43-73
STATION STATION NAME 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	54.7	23.0	6.2	9.4	3.3	2.6	.5	.2						22.3	930	.40	1.68	TRACE
FEB	55.9	25.7	5.6	7.5	2.3	2.5	.2	.4						18.4	841	.32	1.77	.00
MAR	54.8	26.5	5.0	8.6	2.4	2.0	.6	.1						18.7	899	.34	1.59	.05
APR	55.6	30.0	3.7	5.4	3.7	1.3	.2		.1					14.4	840	.27	1.65	TRACE
MAY	54.6	29.6	3.8	5.3	3.5	3.0	.1	.1						15.8	868	.34	1.28	TRACE
JUN	56.9	22.6	2.5	7.8	3.5	5.1	1.2	.4						20.4	857	.61	1.69	.02
JUL	49.6	22.5	2.8	9.7	5.8	7.4	1.7	.5						28.0	930	.93	2.70	.23
AUG	58.6	19.2	3.7	7.5	3.9	5.1	2.2	.5						22.2	930	.79	2.45	TRACE
SEP	47.9	24.7	4.2	9.6	4.7	6.9	1.3	.8						27.4	900	.81	2.02	.07
OCT	45.8	26.9	4.8	10.2	5.0	5.3	1.4	.4						27.3	898	.78	1.79	.02
NOV	48.9	26.9	5.1	9.5	4.4	4.0	1.0	.1						24.2	840	.55	1.31	.05
DEC	51.6	26.7	4.1	9.4	4.6	2.8	.7	.2						21.7	898	.40	1.96	TRACE
ANNUAL	52.9	25.4	4.2	8.3	3.9	4.0	.9	.3	.0					21.7	10631	6.54		

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

042710 SONDRESTROM GL 43-73
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
43	.11	.12	.18	.13	.01	.24	.17	TRACE	.04	.14	.06	.12	.24
44	.26	.08	.02	.01	.15	.15	.24	.13	.13	.18	.46	.18	.46
45	TRACE	.08	.13	.27	.29	.12	.40	.27	.27	.08	.06	.09	.40
46	.13*	1.00				* .11	.28	.22	.23	.09	.02	.08	
47	.25	.00	.03	TRACE	.10	.20	.11	.14	.70	1.00	.10	.30	1.00
48	.12	.05	.04	.06	.18*	.05	.41	.42	.15	.24		.14	
49	.07	.06	.20	.09	.01	.04	.21	.55	.51	.15	.19	.12	.55
50	.06	.12	.05	.10	.20	.07	.61	.47	.07				
51						* .12	.31	.28	.17	.29	.20	.12	
52	.01	.01	.06	.01	.24	.19	.32	.06	.63	.08	.27	.13	.63
53	.71	.08	.07	.16	.13	.40	.21	.32	.27	.10	.69	.10	.71
54	.08	.23	.11	.26	.22	.63	.42	.25	.26	.17	.25	.08	.63
55	.09	.02	.46	.01	TRACE	.33	.22	.31	.34	.18	.14	.13	.46
56	.21	TRACE	.06	.06	TRACE	.09	.34	.50	.17	.14	.03	.09	.50
57	.17	.03	.04	1.31	.19	.12	.14	.05	.09	.28	.10	.11	1.31
58	.06	.15	.06	.05	.14	.51	.14	.11	.08	.41	.21	.04	.51
59	.21	.18	.12	.04	.18	.25	.23	.63	.27	.48	.27	.08	.63
60	.51	.04	.11	.14	.13	.24	.14	.21	.08	.55	.18	.10	.55
61	.11	.15	.11	.13	.67	.11	.34	.63	.23	.74	.15	TRACE	.74
62	.15	.16	.05	.06	.18	.19	.14	.44	.36	.26	.20	.05	.44
63	.16	.26	.15	TRACE	.22	.22	.24	.64	.20	.39	.09	.03	.64
64	.16	.40	.48	.20	.21	.35	.77	.13	.27	.32	.15	.53	.77
65	.51	.24	.04	.24	.02*	.24	.14	.24	.17	.23	.18	.30	.51
66	.14	.09	.04	.08	.01	.07	.56	TRACE	.12	.22	.24*	.80	* .80
67	.22*	.16	.22	.10	.12	.28	.25	.09	.64	.31	.28	.13	.64
68	.48	1.00	.55	.07	.03	.19	.53	.32	.27	.02	.23	.21	1.00
69	.15	.07	.19	.13	.07	.63	.38	.39	.53	.54	.41	.17	.63
70	.16	.20	.33	.10	.25	.16	.42	.43	.24	.23	.22	.14	.43
71	.09	.14	.10	.17	.12	.27	.16	.66	.23	.20	.33	.28	.66
72	.13	.08	.07	.12	.09	.29	.43	.25	.15*	.16	.09	.16	.43
MEAN													
S.D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-80-5 (OL-A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

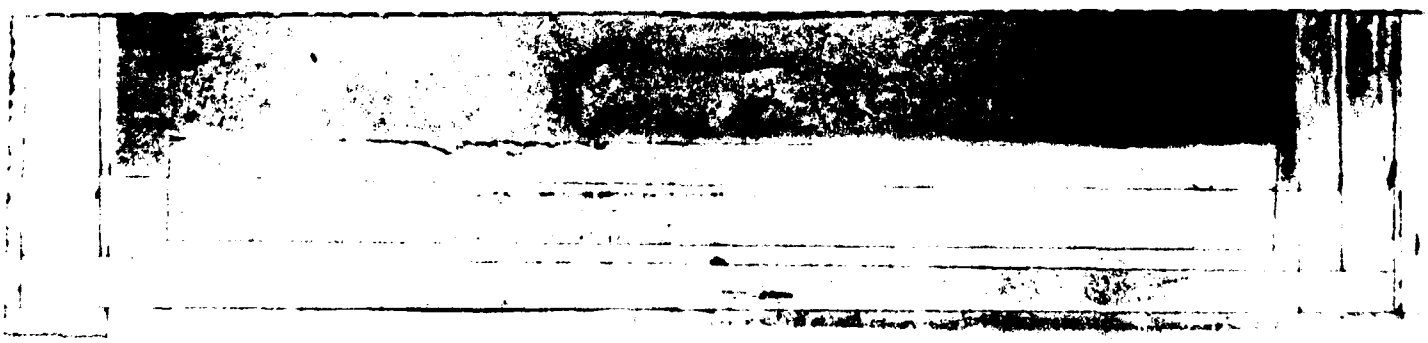
4271 SONDRESTROM GL 43-73
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
73	.32	.12	.04										
MEAN	.171	.145	.142	.143	.148	.241	.309	.305	.261	.286	.207	.193	.631
S.D.	.167	.191	.142	.241	.133	.161	.161	.198	.176	.216	.142	.105	.235
TOTAL OBS.	931	841	899	840	868	857	930	930	900	898	840	898	10631

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-80-5 (OL-A)



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

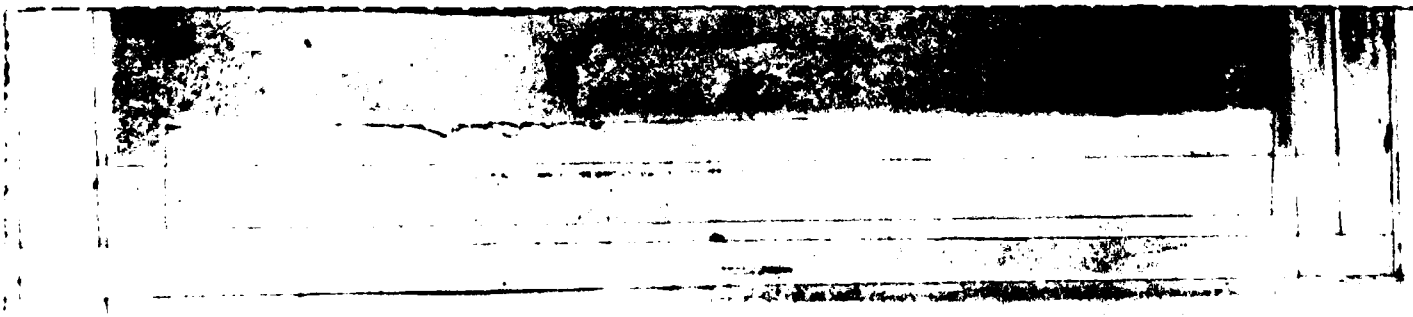
6[illegible]2310 STATION — ONDRESTROM GL STATION NAME — 43-72 YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
43	.16	.[illegible]2	.31	.[illegible]5	.[illegible]1	.35	.47	TRACE	.09	.51	.22	.33	2.57
44	.27	.15	.[illegible]5	.[illegible]2	.21	.47	.89	.31	.6[illegible]	.28	.83	.36	4.44
45	TRACE	.08	.20	.37	.58	.29	1.40	.39	.46	.33	.12	.[illegible]9	4.31
46	.26*	1.10				* .14	1.31	.77	.46	.41	.05	.26	
47	.[illegible]8	.[illegible]0	.05	TRACE	.12	.49	.32	.56	1.94	1.33	.15	.52	5.56
48	.39	.19	.12	.16	.68*	.10	1.94	2.45	.37	.75		.45	
49	.35	.18	.29	.16	.01	.10	.53	1.51	1.63	.67	.53	.32	6.28
50	.24	.24	.15	.20	.74	.11	.78	.66	.[illegible]7				
51						* .[illegible]5	1.[illegible]4	.87	.28	.48	.42	.14	
52	.[illegible]9	.[illegible]1	.[illegible]8	.01	.30	.45	.91	.19	1.19	.24	.81	.37	4.65
53	.86	.25	.12	.52	.21	1.[illegible]5	.37	.41	.93	.11	.94	.21	5.88
54	.18	.41	.22	.28	.66	1.69	1.47	.43	.46	.47	.43	.27	6.97
55	.[illegible]7	.[illegible]4	.76	.01	TRACE	.[illegible]4	1.35	1.25	1.05	.54	.45	.19	6.65
56	.39	TRACE	.16	.17	TRACE	.17	.87	.9[illegible]	.48	.70	.18	.46	4.39
57	.19	.08	.10	1.65	.23	.[illegible]	.25	.12	.21	1.29	.27	.3[illegible]	4.71
58	.31	.[illegible]3	.16	.15	.28	.71	.47	.30	.41	1.52	.41	.[illegible]9	5.04
59	.[illegible]1	.82	.27	.12	.44	.31	.88	.96	1.30	1.73	.98	.51	8.26
6	1.13	.18	.33	.23	.34	.61	.23	.62	.2[illegible]	.87	.30	.50	5.53
61	.31	.[illegible]2	.33	.35	1.28	.24	.83	1.28	.89	1.79	.59	TRACE	8.41
62	.5[illegible]	.38	.11	.11	.49	.53	.34	1.25	1.21	.60	.62	.22	6.43
63	.[illegible]7	.31	.24	TRACE	.69	.40	.51	1.81	1.[illegible]6	.90	.27	.11	6.57
64	.23	1.01	.95	.42	.53	1.47	2.70	.38	.5[illegible]	.83	.32	1.47	10.81
65	1.66	.73	.23	.58	.[illegible]5*	1.[illegible]0	.3[illegible]	.57	.58	.63	.21	.57	* 7.17
66	.50	.15	.29	.19	.[illegible]2	.21	1.52	TRACE	.54	.45	1.20*	1.96	* 7.03
67	.74*	.51	.39	.37	.22	.88	.50	.24	2.[illegible]2	.87	.78	.33	* 7.85
68	.63	1.77	1.59	.35	.13	.66	1.02	1.18	1.24	.[illegible]2	.86	.78	10.23
69	.3[illegible]	.19	.5[illegible]	.25	.[illegible]8	1.21	.86	.65	1.6[illegible]	1.56	1.26	.99	9.53
7[illegible]	.26	.22	1.21	.33	.37	.[illegible]0	1.7[illegible]	1.38	1.2[illegible]	1.36	.62	.39	9.74
71	.28	.33	.29	.[illegible]4	.41	.84	.62	1.15	.51	.51	1.31	.62	7.11
72	.65	.19	.19	.37	.31	.98	1.57	.96	.78*	.39	.30	.26	* 6.95
MEAN													
S.D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM [illegible] 0-88-5 (OLA)



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

[redacted] STATION [redacted]ONDRESTROM GL STATION NAME 43-73 YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
73	.59	.40	.11										
MEAN	.403	.328	.336	.270	.335	.610	.933	.785	.809	.775	.551	.397	6.596
S D	.353	.376	.358	.314	.297	.478	.581	.566	.535	.491	.360	.302	2.187
TOTAL OBS	930	843	899	840	868	857	935	930	900	898	840	898	10631

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC [illegible] 0-88-0 (OLA)

[redacted]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

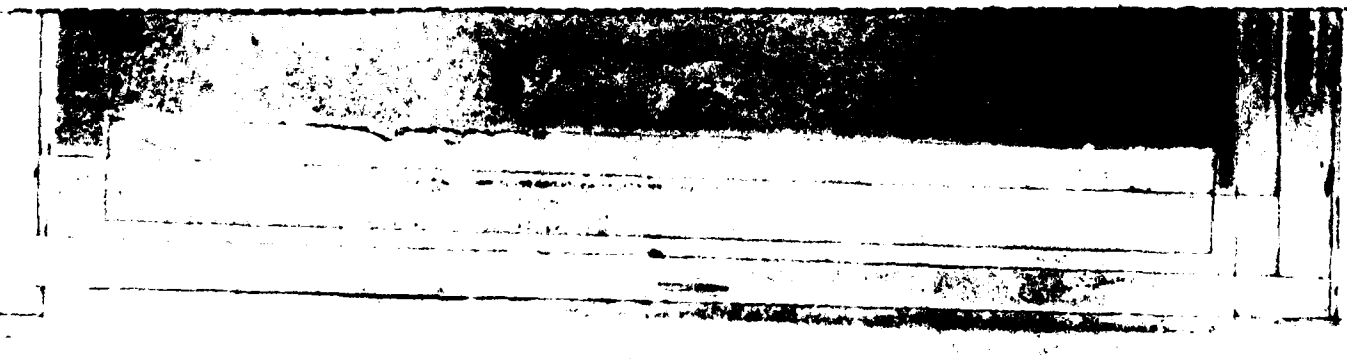
DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL
(FROM DAILY OBSERVATIONS)

042310 SONDRESTROM GL 46-73
STATION STATION NAME 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	54.5	21.3	15.8	6.0	1.2	.6		.5	.1					28.2	806	4.9	16.1	.1
FEB	57.1	22.5	13.1	4.9	1.8		.3	.1	.3					20.5	757	3.9	17.7	.0
MAR	55.3	24.7	13.6	4.5	1.0	.4	.2	.2						20.0	806	3.7	16.2	.8
APR	56.4	28.3	9.3	4.8	.8	.3				.1				15.3	750	2.8	16.5	TRACE
MAY	68.4	20.0	6.8	3.7	.6	.1	.1	.1						11.6	775	2.3	10.4	TRACE
JUN	91.0	6.9	1.0	.7	.4									2.1	768	.5	4.6	.0
JUL	99.4	.5	.1											.1	837	TRACE	.1	.0
AUG	97.4	2.6													837	TRACE	TRACE	.0
SEP	74.3	16.3	4.2	3.1	1.5	.2	.1	.2						9.4	810	2.8	11.1	TRACE
OCT	52.9	23.1	9.7	9.2	3.1	1.1	.5	.4						24.0	805	7.2	17.9	.1
NOV	51.3	24.9	12.1	6.9	2.8	1.3	.3	.1	.1					23.7	750	6.1	18.0	1.8
DEC	51.9	25.4	12.2	8.1	1.4	.5	.4	.1	.1					22.7	806	5.1	20.7	TRACE
ANNUAL	67.5	18.0	8.2	4.3	1.2	.4	.2	.1	.0	.0				14.5	9507	39.3		

USAFETAC FORM OCT 75 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)

423[illegible] SONDRESTROM GL 46-73
STATION STATION NAME 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				* .0	.0	.0	2.0	2.1	.7	3.5	
47	5.4	.0	1.0	TRACE	TRACE	TRACE	.0	TRACE	3.5	4.3	2.0	2.4	5.4
48	1.2	.5	1.9	.7	.5	*TRACE	.0	.0	TRACE	3.0		2.6	
49	.7	.6	2.0	.9	.1	TRACE	.0	TRACE	5.1	1.5	1.9	1.2	5.1
50	.6	1.2	.5	1.0	2.0	.2	.0	.0	.7				
51						* .0	.0	.0	TRACE	2.0	2.0	1.2	
52	1.3	.1	.6	.1	1.0	.0	.0	.0	TRACE	.8	2.7	1.3	2.7
53	7.1	.8	.7	1.6	1.2	1.0	.1	.0	1.3	1.0	7.1	1.2	7.1
54	2.3	4.1	2.9	2.6	1.3	TRACE	TRACE	TRACE	.3	1.6	2.5	.8	4.1
55	.6	.2	4.6	.1	TRACE	TRACE	.0	.0	2.3	1.8	1.4	1.3	4.6
56	2.1	TRACE	.6	.6	TRACE	TRACE	.0	TRACE	TRACE	1.4	.3	.9	2.1
57	.7	.3	.4	13.1	1.9	.1	.1	.0	TRACE	2.2	1.0	1.1	13.1
58	.6	1.5	.6	.5	1.4	2.7	.0	.0	.6	4.1	2.1	.4	4.1
59	.3	1.8	1.2	.4	1.8	TRACE	.0	.0	1.7	3.8	2.7	.8	3.8
60	5.1	.4	1.1	1.4	1.3	.3	.0	.0	.8	5.0	1.7	1.0	5.0
61	1.1	1.5	1.1	1.3	5.7	.0	.0	TRACE	2.3	2.7	3.3	TRACE	5.7
62	5.1	2.2	.7	.7	1.9	.0	.0	TRACE	2.3	4.6	4.0	1.2	5.1
63	3.3	3.7	2.3	TRACE	4.1	.1	.0	TRACE	2.8	1.7	.9	.3	4.1
64	1.0	5.7	3.9	1.7	2.5	2.0	TRACE	.0	2.6	3.2	1.1	4.6	5.7
65	3.3	2.2	.6	2.5	TRACE	TRACE	.0	.0	1.2	2.0	2.0	3.8	3.8
66	1.4	.9	.6	.9	.1	.7	.0	.0	1.2	2.3	3.2	9.0	9.0
67	1.6	1.5	2.1	1.2	.3	TRACE	.0	.0	5.5	3.1	2.8	1.4	5.5
68	4.8	8.0	6.0	.7	.2	.2	.0	.0	TRACE	.1	2.3	2.1	8.0
69	1.5	.7	.8	.6	TRACE	.3	.0	.0	.3	5.4	5.3	1.7	5.4
70	1.9	2.0	3.3	1.0	.4	.0	.0	.0	1.6	2.3	1.1	1.4	3.3
71	.9	1.4	1.0	1.7	1.2	.0	.0	TRACE	.9	2.0	3.3	2.8	3.3
72	1.3	.8	.7	1.2	.9	2.0	.0	TRACE	.7*	1.6	.9	1.6	2.1
73	3.2	1.2	.4										
MEAN	2.22	1.67	1.60	1.46	1.19	.37	.00	TRACE	1.46	2.56	2.33	1.90	5.27
S.D.	1.837	1.864	1.451	2.520	1.370	.677	.017	.000	1.483	1.358	1.514	1.815	2.397
TOTAL OBS.	806	757	806	750	775	768	837	837	810	805	750	806	9503

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-8-5 (OL-A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

04230 SONDRESTROM GL 46-73
STATION STATION NAME 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				* .0	.0	.0	3.0	5.9	2.2	8.2	
47	5.8	.1	2.2	TRACE	TRACE	TRACE	.0	TRACE	5.7	10.3	4.5	4.8	33.3
48	4.4	2.0	3.4	2.0	1.1	*TRACE	.0	.0	TRACE	9.0		5.6	
49	2.8	1.9	2.9	1.8	.1	TRACE	.0	TRACE	11.1	5.7	5.3	3.2	34.8
50	2.4	2.4	1.5	2.0	2.9	.2	.0	.0	.7				
51						* .0	.0	.0	TRACE	4.1	5.2	1.4	
52	1.7	.1	.8	.1	1.6	.0	.0	.0	TRACE	2.3	8.1	3.3	18.0
53	8.6	2.5	1.2	4.9	2.1	1.0	.1	.0	3.1	1.1	10.1	2.1	36.8
54	4.6	6.5	4.0	2.8	2.2	TRACE	TRACE	TRACE	.6	4.6	4.3	2.7	32.3
55	.7	.4	7.6	.1	TRACE	TRACE	.0	.0	5.3	2.9	4.5	1.9	23.4
56	3.9	TRACE	1.6	.7	TRACE	TRACE	.3	TRACE	TRACE	6.3	1.8	4.6	18.9
57	1.9	.8	1.7	16.5	2.3	.1	.0	.0	TRACE	7.0	2.7	3.0	35.2
58	3.1	2.3	1.6	1.5	2.4	2.0	.0	.0	1.2	17.9	3.2	.9	36.1
59	.1	8.2	2.7	1.2	4.1	TRACE	.0	.0	6.7	13.7	9.7	5.1	50.8
60	11.2	1.8	3.3	2.3	3.4	.3	.0	.0	1.5	5.7	2.9	5.0	37.4
61	3.1	5.2	3.3	3.5	10.4	.0	.1	TRACE	5.8	10.5	9.7	TRACE	51.5
62	1.9	5.9	1.4	1.5	3.3	.0	.0	TRACE	2.0	9.1	8.4	4.1	46.6
63	4.5	5.1	3.3	TRACE	9.7	.1	.0	TRACE	8.4	5.1	3.5	.9	40.7
64	3.0	10.4	9.5	4.2	4.9	2.1	TRACE	.0	5.0	8.2	3.2	14.7	65.2
65	16.1	7.3	2.6	5.8	TRACE	TRACE	.0	.0	2.3	5.9	2.2	5.6	47.8
66	5.4	1.7	3.5	1.9	.2	1.1	.1	.0	1.9	4.5	11.6	20.7	52.5
67	7.0	5.7	3.9	3.7	.3	TRACE	.3	.0	5.5	8.2	7.3	3.5	45.1
68	6.1	17.7	16.2	3.5	.5	.3	.0	.0	TRACE	.1	3.1	7.8	55.3
69	2.8	1.9	1.3	1.3	TRACE	.3	.0	.0	1.0	15.6	18.0	9.9	52.1
70	2.6	2.2	12.1	3.3	1.2	.0	.0	.0	2.2	12.0	4.0	3.9	43.5
71	2.8	3.3	2.9	2.4	3.5	.0	.0	TRACE	1.8	5.1	13.0	6.2	40.6
72	6.5	1.9	1.9	3.7	1.8	4.6	.3	TRACE	.7*	3.6	3.0	2.6	* 30.3
73	5.9	4.0	1.1										
MEAN	4.92	3.89	3.70	2.85	2.32	.50	.00	TRACE	2.78	7.25	6.06	5.07	40.81
S.D.	3.588	3.978	3.692	3.242	2.744	1.065	.017	.000	2.932	4.335	4.078	4.472	11.836
TOTAL OBS.	806	751	806	750	775	768	837	837	811	805	750	806	9507

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM [illegible] 0-80-6 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

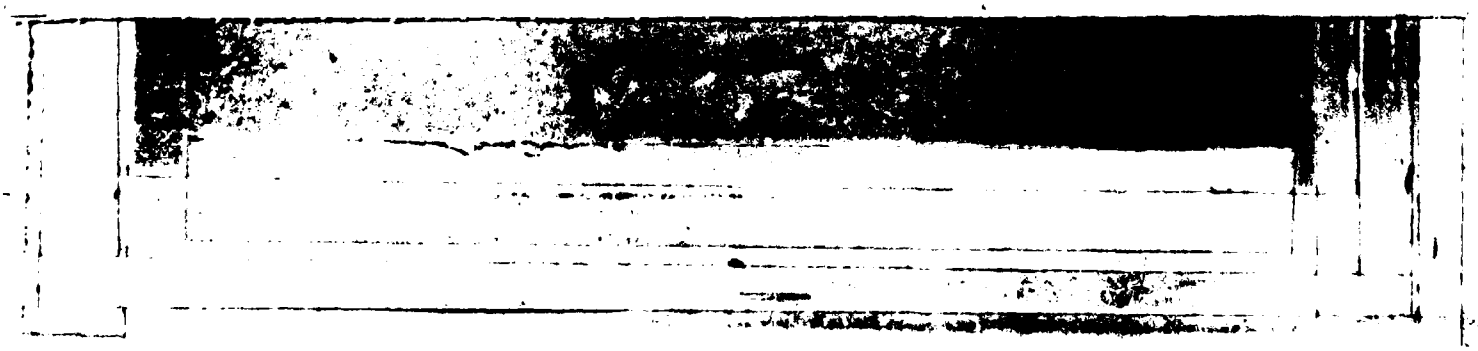
DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOW DEPTH
(FROM DAILY OBSERVATIONS)

42310 SONDRESTROM GL 43-73
STATION STATION NAME 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					
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			MEAN	GREATEST	LEAST
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	2.9	4.6	11.3	13.9	11.7	43.2	10.5	1.8						92.5	930			
FEB	4.5	5.5	6.7	17.2	17.3	33.0	15.8							90.0	842			
MAR	4.4	2.1	9.8	22.4	12.2	35.8	13.2							93.4	899			
APR	17.2	11.1	19.5	10.6	11.7	19.8	10.0	.1						71.8	839			
MAY	77.1	11.3	4.1	2.5	1.1	2.3	.2	.7						11.6	856			
JUN	99.3	.5		.2										.2	858			
JUL	100.0														930			
AUG	99.9	.1													930			
SEP	87.2	6.2	3.9	1.6	.6	.4		.1						6.6	899			
OCT	36.0	11.7	19.7	13.2	6.8	9.3	3.3							52.3	888			
NOV	9.3	6.8	15.4	19.8	16.1	20.2	12.3							83.9	837			
DEC	2.8	7.9	13.7	23.1	16.8	24.2	14.3	.1						89.3	899			
ANNUAL	45.0	5.6	8.4	10.4	7.9	15.7	6.7	.2						49.3	10607			

USAFETAC FORM 0-15-3 (OL A) OCT 75 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

42717 SONDRESTROM GL 43-73
STATION STATION NAME YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
43	1	2	4	3	TRACE	TRACE	0	1	3	8	8	9	9
44	6	5	1	2	TRACE	1	0	0	1	3	9	10	11
45	8	2	3	5*	4	0	0	0*	2*	2*	3	3	8
46	7*	5			*	1	0	1	1	2	1	7	
47	7	TRACE	2	TRACE	TRACE	1	0	TRACE	2D	2	3	5	27
48	5	4	3	4	2*	1	0	0	1	4		6	
49	1	5	6	7	7	0	0	0	3	4	5	8	8
50	5	7	7	4	2	0	0	0	0				
51					*	0	0	0	0	2	3	3	
52	1	2	2	1	TRACE	1	0	0	TRACE	2	5	6	6
53	11	7	6	6	1	TRACE	0	0	1	1	7	3	11
54	1	5	9	7	1	0	0	0	TRACE	2	6	4	9
55	4	3	6	1	1	0	0	0	1	3	3	4	6
56	6	6	4	4	TRACE	0	0	0	0	6	6	7	7
57	7	7	7	21	18	0	0	0	0	9	4	3	21
58	6	7	5	5	1	TRACE	0	0	TRACE	8	9	7	9
59	7	11	8	8	3	1	0	0	2	10	12	12	12
60	16	12	11	8	6	0	0	0	1	5	6	4	16
61	4	5	6	6	1	0	0	0	3	3	6	4	6
62	7	9	5	2	1	0	0	0	TRACE	6	5	4	9
63	3	3	3	1	2	0	0	0	4	2	2	2	4
64	1	6	4	3	1	0	0	0	4	4	4	9	9
65	11	10	2	5	0	0	0	0	0	2	2	5	13
66	6	4	3	2	0	0	0	0	1	2	5	13	13
67	7	4	4	4	2	0	0	0	0	5	8	7	8
68	7	12	12	5	0	0	0	0	TRACE	TRACE	4	4	12
69	4	4	3*	2	0	2	0	0	4	8	9	6	9
70	5	5	7	2	TRACE	0	0	0	TRACE	3	3	4	7
71	1	2	4	4	1	0	0	0	TRACE	2	7	8	8
72	6	4	5	6	TRACE	2	0	0	1*	2	3	3	6
MEAN													
S.D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-8-6 (OL-A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

04-2310 STATION — SONDRESTROM GL STATION NAME — 43-73 YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
73		5	4	4									
MEAN	5.9	5.4	5.1	4.7	1.9	.1	.0	TRACE	1.8	4.0	5.4	5.8	12.1
S.D.	3.141	3.065	2.590	3.942	3.666	.539	.000	.000	3.767	2.660	2.633	2.817	4.278
TOTAL OBS.	930	842	899	839	856	858	933	930	899	888	837	899	10607

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AWS 80 0-80-5 (OL-A)

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."

C

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

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

0[illegible]710 CONGRESTPOM GL 55-73
STATION STATION NAME YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
55												ENE 40	
56	W 39	E 40	ENE 31	S 23	W 33	WNW 29		ENE 39	WSW 32	WNW 31	W 37	ENE 35	E 28
57	S 45	ENE 31	SW 23	W 25	NE 31	F 3		ENE 21	*F 18	*W 29	SW 35	W 36	S 36
58	ESE 39	SE 42	NNE 16	WNW 34	SW 37	E 31		ENE 22	NNW 18	NW 23	ENE 31	E 33	S 41
59	E 44	ENE 36	NE 21	W 30	W 30	ENE 23		S 32	*S 36	E 40	S 34	ENE 48	S 29
60	SE 41	E 26	S 27	N 27	W 25	W 24	NW 19	E 26	NW 26	E 36	NE 37	SW 30	SE 42
61	NE 37	NW 29	S 39	NNW 24	S 37	F *37	SSE *32	S 42	SSE *27	SE *24	NW *28	F *40	S 42
62	SE *29	E *40	ENE 31	SSE *34	F *33	F *30	ENE *23	ENE 22	ENE 22	E *35	SW 38	ENE 56	ENE 56
63	S 33	E *44	W 43	SW 28	W 28	WSW 24	SW 28	ENE 30	SSW *36	ENE *30	SW 28	SSW 36	S 57
64	SSE 42	E 40	SE 40	ESE 33	WSW 24	W 31	SW 30	W 33	ENE 37	ESE 34	ENE 36	SSW 44	SSE 49
65	E 44	S 42	WNW 31	NE 32	ENE 35	WNW 28	NW 25	SE 30	W 48	ESE 26	SW 42	SE 27	W 48
66	NW 32	E 46	WNW 36	ESE 23	W 27	WNW 31	SSW 37	E 18	SW 43	E 39	SSW 49	SSW 36	SSW 49
67	E 43	SSW *35	SSW 30	E 40	E 24	NW 27	WSW 20	SW 30	SSW 42	WNW 19	S 33	SSW 32	E 42
68	E *29	ENE *48	SW 29	W 35	NE 21	ENE 24	18/	28 8/	5 22/	3 20/	39 19/	52 9/	23 19/ 52
69	20/ 24	21/ 36	27/ 41	12/ 44	23/ 47	31/ 26	7/	27 30/	23 10/	47 5/	27 22/	57 25/	33 22/ 57
70	5/ 33	18/ 52	30/ 28	30/ 33	3* 32	27/ 38	30/	33 27/	30 18/	37 24/	41 22/	49 13/	39 18/ 52
71	12/ 29	23/ 25	29/ 28	27/ 29	2 / 36	6/	32 2/	35 21/	29 7/	28 14/	26 22/	48 25/	48 22/ 48
72	6/ 40	27/ 55	29/ 34	5/ 42	6/ 43	19/	39 23*	23 13*	36 21/	41 19/	57 12/	32 11/	52 19/ 57
73	11/ 52	25/ 36	24/ 35										
MEAN	40.3	38.3	30.6	31.4	31.9	29.1	28.3	29.5	35.4	34.4	40.8	37.1	46.9
S.D.	7.631	8.957	7.220	6.561	7.396	5.92	6.414	8.695	8.670	8.992	8.534	9.079	5.463
TOTAL OBS	542	472	548	501	511	476	502	506	486	494	483	549	6[illegible]73

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AM 46 0-88-5 (OLA)

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

[redacted]

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
[illegible]	SONDRESTROM GL	75-83	JAN

CLASS: ALL WEATHER

CONDITION:

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3			.8								.3	3.3
NNE	.3	.4										1.6	5.1
NE	8.3	8.6	11.7	2.3	.3	.3						30.6	6.4
ENE	7.2	9.2	11.2	3.6	.9	.1	.1					32.5	6.9
E	.9	.8	1.7	2.3	.4	.3						6.3	10.3
ESE	.1	.3	.1		.3							.8	9.8
SE		.7	.1	.7	.3							1.3	12.7
SSE			.7	.1								.4	10.3
S				.4	.4							.8	17.2
SSW			.1	.1	.4	.1						.8	16.3
SW	.1		.1	.1		.1						.5	11.3
WSW	.1	.3		.3								.7	7.4
W	.7	.5	.3	.1								1.6	5.6
WNW	.1	.1	.3	.1	.1							.8	9.2
NW					.1							.1	18.0
NNW		.1		.1								.3	10.0
VARBL	1.9	.4	.1									2.4	3.2
CALM												18.2	
	20.5	21.0	25.4	10.7	3.2	.9	.1					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 748

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)

4231 (STATION) SONDRESTROM GL (STATION NAME) 75-83 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.1										.4	3.3
NNE	1.1	.4										1.5	2.8
NE	6.1	9.9	9.9	3.1	.7							29.6	6.7
ENE	7.2	10.8	13.1	3.7	.5	.3						35.5	6.9
E	.5	1.8	1.4	1.4	.4	.5						6.0	10.4
ESE	.3		.3	.4	.4							1.4	11.7
SE			.3	.7	.1							1.1	13.4
SSE	.1	.1	.1	.3	.1							.8	11.3
S		.3	.1	.4								.8	10.2
SSW				.1		.1						.3	20.5
SW	.1					.1						.3	13.0
WSW	.3	.1										.4	3.7
W	.3	.4	.5	.1								1.9	5.0
WNW		.2	.3	.1								.7	8.4
NW		.1	.3	.1								.5	9.3
NNW				.1								.1	13.0
VARBL	1.2	.1										1.4	2.6
CALM												17.5	
	17.9	24.5	26.3	11.6	2.3	1.1						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 739

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)

-2711 (STATION) SONDRESTROM GL (STATION NAME) 75-83 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.3										.4	4.7
NNE	.5	1.	.3									1.8	4.9
NE	3.9	9.7	1[illegible].7	1.9	.3							31.4	6.1
ENE	7.9	8.5	11.1	4.2	.5	.3						32.5	6.9
E	.4	.7	1.9	2.7	.7	.4						6.8	12.2
ESE			.1	.8	.1	.7	.1					1.5	19.7
SE			.1									.1	8.0
SSE		.1	.1									.3	6.0
S	.1	.1	.1	1.[illegible]	.4							1.8	13.7
SSW		.1		.1	.4	.1	.1					1.0	18.1
SW				.1								.1	14.[illegible]
WSW	.1	.3	.1									.5	9.5
W	.1	.1	.7	.3								1.2	7.9
WNW			.3	.1								.4	9.0
NW		.1	.3			.1						.5	11.5
NNW			.1	.1	.1							.4	12.7
VARBL	1.2	.1	.3									1.6	3.2
CALM												17.5	
	19.5	21.2	26.2	11.1	2.6	1.6	.3					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 732

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)

42?1? (STATION) SONDRESTROM GL (STATION NAME) 75-83 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.4	.3	.1								.8	6.8
NNE	.4	.7	.3	.1								1.5	5.5
NE	9.2	9.7	9.9	2.1	.3	.1						31.4	5.9
ENE	5.5	9.8	12.7	4.2	.9	.3	.1					33.5	7.5
E	.9	1.6	1.6	2.1	.5	.3	.4					7.5	11.0
ESE			.1	.7	.5	.1	.1					1.6	18.0
SE			.1	.3	.1	.3						.8	16.3
SSE					.1							.1	18.0
S		.1	.1	.1	.1	.5						1.1	17.0
SSW		.1		.1	.1	.1						.5	15.3
SW		.1	.1	.1								.4	9.3
WSW		.1	.1									.3	6.0
W	.1	.3	1.2	.3								1.9	8.6
WNW				.3								.3	14.5
NW	.1			.1	.4							.7	15.0
NNW			.1	.1								.3	13.0
VARBL	2.0											2.0	2.1
CALM												15.4	
	18.4	22.9	26.8	11.9	3.2	1.7	.7					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 746

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

04270 (STATION) SONDRESTROM GL (STATION NAME) 75-83 (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	.7		.1									.4	5.3
NNE	.4	.5	.4	.1								1.5	6.3
NE	9.1	8.3	10.3	1.9	.7							30.3	6.3
ENE	8.2	8.2	13.5	4.6	1.2							35.6	7.1
E	.8	.3	1.8	1.8	1.4	.4	.1					6.5	12.7
ESE			.4	1.1	.3	.1	.1					2.1	15.7
SE		.1	.1	.2	.3	.3	.3					1.2	19.2
SSE			.1		.4	.3						.8	18.7
S			.1	.3		.1						.5	13.8
SSW	.3	.1		.1	.1							.7	9.2
SW	.1		.1									.3	5.5
WSW	.3	.3	.3	.1								1.2	5.9
W	.4	.4	.3	.4								1.5	7.5
WNW		.1	.1	.3	.1							.8	10.0
NW			.1	.4								.5	11.5
NNW				.1								.1	14.3
VARBL	1.1	.3										1.4	2.5
CALM												14.8	
	23.9	18.7	27.9	11.4	4.5	1.2	.5					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 736

USAFETAC FORM AIR 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)

STATION	STATION NAME	YEARS	MONTH
C 2710	SONDRESTROM GL	75-83	JAN

CLASS: ALL WEATHER

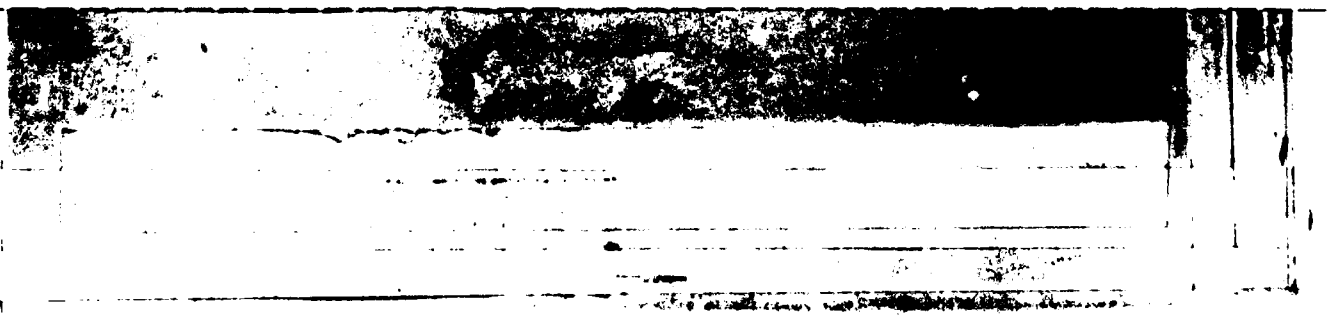
CONDITION:

HOURS (L.S.T.): 15.0-1700

SPEED (KNTS) DIR	1 - 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	3.0
NNE	1.5	.5	.4	.3								2.7	5.1
NE	8.9	9.3	8.5	2.3	.1							29.2	5.9
ENE	5.4	9.3	12.8	2.5	.8	.1						32.0	6.9
E	1.7	1.1	3.3	1.9	.8	.3	.1					8.4	10.3
ESE			.1	.7	.3	.4	.3					1.8	19.6
SE				.4	.4	.3	.3					1.2	20.8
SSE			.1	.3	.3							.7	14.2
S	.1	.1			.4	.1						.8	15.2
SSW	.1			.7	.3		.3					1.4	16.6
SW	.1						.4					.5	22.5
WSW													
W		.3	.5	.5	.1							1.5	10.5
WNW		.1										.1	4.3
NW			.1									.1	10.0
NNW		.1	.1									.3	6.5
VARBL	.2	.7	.3									1.2	4.9
CALM												17.6	
	18.8	21.7	26.3	9.5	3.6	1.2	1.4					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 729

USAFETAC FORM 0-8-5 (GL 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)

6271 (STATION) SONDRESTROM GL (STATION NAME) 75-82 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.1										.4	3.7
NNE	1.3	.2		.1								2.2	3.8
NE	3.9	11.6	8.7	1.9	.1							1.2	5.6
ENE	6.5	9.0	13.4	2.6	1.2	.3						32.9	7.1
E	.1	1.5	2.7	1.3	1.1	.3						6.3	11.1
ESE		.1	.1	.5	.7	.1						1.6	15.4
SE		.1		.2	.1	.1						.7	15.0
SSE			.1	.3		.3						.7	16.2
S			.1	.3	.1		.1					.7	16.8
SSW			.1	.3	.1		.1	.3				.9	22.7
SW		.2			.1	.1						.5	13.3
WSW	.2	.1	.1	.1		.1						.8	9.0
W	.4	.5	.4	.3	.1							1.7	7.7
WNW		.1	.3	.1								.5	10.0
NW	.1	.1	.1	.3								.7	7.8
NNW			.1									.1	10.0
VARBL	1.3	.1										1.7	2.9
CALM												16.3	
	19.2	25.0	25.7	8.3	3.7	1.3	.3	.3				100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 756

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)

4231 (STATION) SONDRESTROM GL (STATION NAME) 75-83 (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										.4	2.7
NNE	.7	.7	.1									1.5	3.8
NE	9.4	9.6	8.8	2.6	.1							30.5	5.8
ENE	7.4	10.7	12.1	3.8	.5	.1						34.7	6.7
E	.3	.1	2.4	1.6	.3	.3						5.0	11.3
ESE		.7	.3	.1	.5							1.2	12.4
SE				.9	.4	.3						1.6	16.4
SSE			.1	.4	.1							.7	14.3
S	.1	.1		.3	.1							.7	10.6
SSW			.1	.1	.1		.1	.1				.7	22.6
SW		.1	.1	.3	.1		.1		.1			.9	19.9
WSW		.1		.3								.4	11.0
W	.3	.0	.4	.4								2.0	6.9
WNW			.1	.3	.1							.5	12.8
NW			.1	.3								.4	11.0
NNW		.1	.1									.3	7.0
VARBL	.7	.3										.9	3.1
CALM												17.5	
	19.2	23.2	25.0	11.3	2.6	.7	.3	.1	.1			100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 741

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)

4271 (STATION) SONDRESTROM GL (STATION NAME) 75-83 (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	.2	.2	.1	.0								.4	4.4
NNE	.8	.6	.2	.1								1.3	4.6
NE	8.6	9.6	9.7	2.3	.3	.1						30.5	6.1
ENE	7.2	9.4	12.5	3.6	.8	.2	.2					33.6	7.0
E	.6	1.2	2.0	1.9	.7	.3	.1					6.6	11.1
ESE	.1	.1	.2	.5	.4	.2	.1					1.5	15.9
SE		.1	.1	.4	.2	.2	.1					1.2	16.2
SSE	.1	.0	.1	.2	.1	.1						.6	14.3
S	.1	.1	.1	.3	.2	.1	.0					.9	14.4
SSW	.1	.1	.1	.2	.2	.1	.1	.1				.8	17.6
SW	.1	.1	.1	.1	.0	.1	.1		.0			.5	15.3
WSW	.1	.2	.1	.1		.0						.5	6.9
W	.4	.4	.5	.3	.1							1.7	7.9
WNW	.0	.1	.2	.2	.1							.5	9.9
NW	.1	.1	.1	.2	.1	.0						.5	11.3
NNW		.1	.1	.1	.0							.2	10.6
VARBL	1.2	.3	.1									1.6	3.0
CALM												16.8	
	19.3	22.3	26.2	10.5	3.2	1.2	.4	.1	.0			100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 5927

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)

4271 (STATION) SONDRESTROM GL (STATION NAME) 75-83 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N			.1									.1	9.0
NNE	.4	.1	.4	.3								1.6	7.3
NE	3.8	11.5	8.0	1.3	.3	.4						29.9	5.8
ENE	9.0	10.5	10.6	1.5								31.5	5.7
E	2.1	1.4	3.1	1.0								8.1	7.0
ESE	.3	.1		.3								.7	7.2
SE			.1									.1	10.0
SSE			.3									.3	9.3
S				.1		.3						.4	20.7
SSW	.1			.1	.1							.4	10.3
SW			.3	.3	.1	.1						.9	14.0
WSW	.1	.3	.1	.1	.1							.9	9.3
W	.1	1.	.4	.3								1.9	7.0
WNW													
NW		.1		.1	.1							.4	13.7
NNW	.1	.1			.1							.4	8.3
VARBL	.6	.1										.7	2.6
CALM												21.5	
	21.8	25.3	23.9	5.6	1.0	.9						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 679

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

04270 (STATION) SONDRESTROM GL (STATION NAME) 75-83 (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									.1	7.0
NNE	.1	.3	.3									.7	5.6
NE	9.1	10.0	9.9	1.6	.1							30.7	5.7
ENE	8.1	13.1	7.3	2.1	.4							31.0	5.9
E	1.3	1.3	2.4	1.2	.1	.1						6.7	8.0
ESE	.1			.6	.1							.9	13.5
SE			.1	.4								.6	12.8
SSE													
S				.1								.3	13.5
SSW	.1	.1		.1	.1							.6	9.8
SW	.3	.3	.1		.1	.1						1.3	10.3
WSW	.5	.1				.1						.9	6.0
W		.1	.6		.1							1.6	9.1
WNW	.1	.1	.3	.1								.7	7.2
NW				.3								.3	14.5
NNW			.3	.4	.1							.9	12.3
VARBL	1.1	.1										1.2	2.3
CALM												21.5	
	21.2	26.4	21.5	7.3	1.6	.4						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 670

USAFETAC FORM 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)

STATION	STATION NAME	YEARS	MONTH
[illegible]	SONDRESTROM GL	75-82	FEB

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	.3								.4	11.3
NNE	.4	.6	.4	.4								1.9	7.6
NE	7.6	9.1	11.3	1.5	.1							28.9	5.9
ENE	3.3	11.5	10.0	2.2	.1	.4						32.6	6.3
E	2.1	1.6	2.8	1.2	.3							8.1	7.4
ESE		.1	.1	.3								.6	10.8
SE													
SSE	.1		.1	.3								.6	9.3
S				.1	.1	.1						.4	20.5
SSW					.1							.1	18.0
SW	.1	.1		.1		.1						.6	10.3
WSW	.4	.3		.1								1.5	5.2
W	.4	.6	.3	.1	.1	.1						1.8	8.4
WNW	.1		.1			.1						.4	11.0
NW			.3	.1								.4	11.5
NNW			.1	.4								.6	11.0
VARBL	1.8	.1	.1									2.1	2.8
CALM												18.8	
	21.9	24.7	25.0	7.5	1.0	1.0						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 671

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] SONDRESTROM GL — 73-83 — FEB

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 0[illegible]-1[illegible]

CLASS — HOURS (L S T)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.[illegible]	.[illegible]										.[illegible]	3.5
NNE	.1	.7	.7									1.[illegible]	6.4
NE	[illegible].[illegible]	2.1	6.7	1.2	.1							[illegible].[illegible]	5.3
ENE	11.1	1.[illegible]	8.4	4.[illegible]	.1							24.4	[illegible].2
E	2.[illegible]	1.3	3.8	1.2	.1							9.5	6.8
ESE	.4	.4	.3	.1	.1							1.[illegible]	7.4
SE													
SSE			.[illegible]	.1								.[illegible]	11.3
S				.[illegible]	.1							.3	1[illegible].3
SSW		.[illegible]	.1	.4	.[illegible]	.[illegible]						[illegible].[illegible]	14.3
SW	.[illegible]	.3										.4	3.7
WSW	.4	.[illegible]		.[illegible]								.[illegible]	4.6
W	.3	.[illegible]	1.2	.[illegible]	.3							2.7	9.1
WNW	.[illegible]											.[illegible]	2.[illegible]
NW		.[illegible]	.1	.1								.4	[illegible].7
NNW		.[illegible]	.1	.[illegible]								.4	[illegible].3
VARBL	.[illegible]	.9										1.[illegible]	3.1
CALM												[illegible].2	
	2[illegible].2	25.4	20.8	8.1	1.2	.1						1[illegible].[illegible]	[illegible].3

TOTAL NUMBER OF OBSERVATIONS 662

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

04310 (STATION) SONDRESTROM GL (STATION NAME) 75-83 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 12 0-1400 (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													
NNE	.6	1.1	.6	.?								2.4	5.?
NE	8.?	7.5	4.5	1.4								?1.3	5.2
ENE	8.4	6.?	9.5	2.3	.2	.?						?9.6	6.0
E	?.3	3.?	2.1	.6	.?							9.5	5.7
ESE	.?	.?	.?	.6								1.2	9.0
SE		.?										.2	5.0
SSE		.?										.2	5.0
S	.?											.2	2.?
SSW	.?	.?		.?	.2		.?					.9	11.5
SW	.?		.?		.?		.?					.6	15.?
WSW	.6	.8	.5		.?		.2					2.3	8.6
W	.3	.?	.5	.3	.3	.?						2.3	9.8
WNW		.?	.2			.?						.5	12.3
NW			.?	.2								.5	10.0
NNW		.?	.?	.2								.6	9.3
VARBL	1.3	.5										2.3	2.5
CALM												?5.8	
	23.?	23.7	18.6	5.7	1.4	.5	.5					100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 666

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)

4271 (STATION) SONDRESTROM GL (STATION NAME) 75-83 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

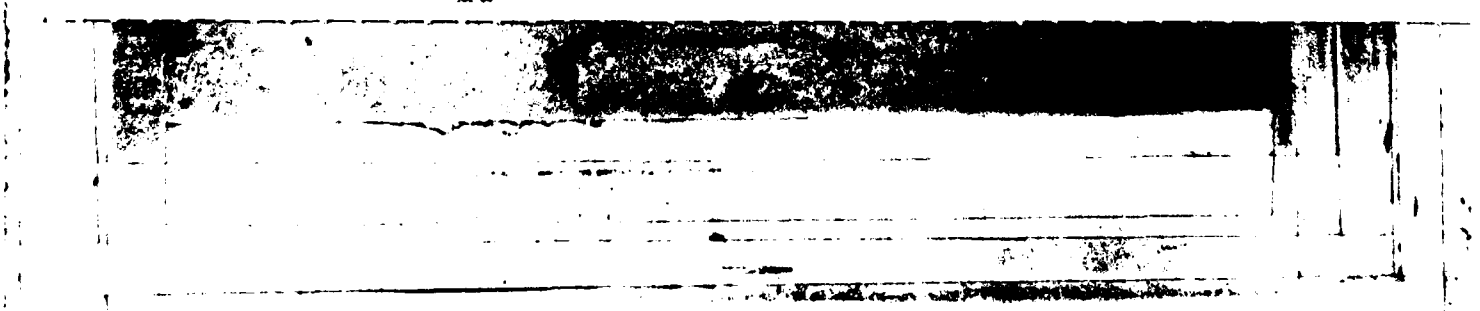
1500-1700 (HOURS (L.S.T.))

(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													
NNE	.6	.7	.3	.4								2.1	6.4
NE	9.8	8.5	5.3	.4								24.1	4.7
ENE	11.7	8.7	5.8	1.3	.4	.1						26.7	5.3
E	3.0	.6	3.0	.7	.3							7.6	6.8
ESE	.1		.6	.3	.3							1.3	11.6
SE				.1								.1	16.0
SSE	.1					.1	.1					.4	17.7
S	.1	.1		.1								.4	6.7
SSW	.1	.1		.3								.6	8.3
SW		.1		.1	.1							.4	13.7
WSW	.1	.3	.3		.1							.9	7.8
W	.3	.4	1.2	.1	.1							2.1	7.6
WNW	.4						.1					.6	9.3
NW			.6	.1	.1	.6						1.5	16.2
NNW		.1	.3		.1							.6	11.3
VARBL	1.6											1.6	2.2
CALM												28.9	
	27.4	19.1	17.2	4.3	1.8	.9	.3					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 674

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)

9271 (STATION) SONDRESTROM GL (STATION NAME) 75-83 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N			.2		.2							.3	14.0
NNE	1.1	.5	.6	.3								2.4	5.5
NE	5.1	8.6	7.7	1.4	.6	.2						27.4	5.9
ENE	8.4	9.5	7.7	2.6	.5							28.1	5.9
E	3.3	1.7	2.4	1.7	.3							8.3	7.3
ESE			.2	.3								.5	13.3
SE													
SSE				.2	.3	.2						.6	18.8
S		.2		.2								.3	10.0
SSW				.2								.2	15.0
SW	.2	.2			.2							.6	11.0
WSW	.2	.2	.3									.8	5.8
W	.3	.5	.3	.2								1.2	6.5
WNW					.2	.2						.3	20.5
NW	.2	.2	.6	.2	.2	.3						1.5	12.4
NNW			.2	.3	.3	.2						.9	15.0
VARBL	1.8	.2										2.0	2.5
CALM												24.8	
	22.4	22.4	19.5	7.2	2.7	.9						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 665

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)

4271 (STATION) SONDRESTROM GL (STATION NAME) 75-82 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.1	.3									.4	8.3
NNE	.4	.4	1.0									1.9	6.3
NE	9.9	10.3	9.5	2.4								31.1	5.9
ENE	9.7	10.6	9.4	2.2	.6							30.8	6.2
E	.7	2.4	2.1	1.8	.3	.3	.1					7.7	9.3
ESE	.3		.1	.6								1.0	10.0
SE	.1			.1								.3	6.5
SSE				.1	.1							.3	16.5
S		.1		.1		.1						.4	14.7
SSW				.3								.3	15.0
SW				.1	.6		.1					.9	19.5
WSW	.3	.1			.1							.6	7.3
W	.4	.4	.3									1.2	4.8
WNW			.1									.1	9.0
NW		.1	.1	.3		.1						.7	13.2
NNW				.1								.1	13.0
VARBL	1.3		.1									1.5	2.8
CALM												20.4	
	21.7	24.7	23.2	8.3	1.8	.6	.3					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 672

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)

6271 (STATION) SONDRESTROM GL (STATION NAME) 75-83 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

(CONDITION)

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.1	.1	.0	.0							.2	9.2
NNE	.5	.6	.6	.2								1.8	6.4
NE	8.8	9.4	7.7	1.4	.2	.1						27.6	5.6
ENE	9.1	10.4	8.5	2.3	.3	.1						30.6	5.9
E	2.2	1.8	2.6	1.2	.2	.1	.0					8.0	7.2
ESE	.2	.1	.2	.4	.1							1.0	10.0
SE	.1	.0	.0	.1								.2	10.6
SSE	.1	.1	.1	.1	.1	.1	.0					.3	13.5
S	.1	.1		.1	.0	.1						.4	14.2
SSW	.1	.1	.0	.2	.1	.0	.0					.5	12.0
SW	.2	.1	.1	.1	.2	.1	.0					.7	12.7
WSW	.4	.4	.1	.1	.1	.0	.0					1.1	7.0
W	.3	.6	.6	.2	.1	.0						1.8	8.1
WNW	.1	.0	.1	.0	.0	.1	.0					.4	10.3
NW	.1	.1	.3	.2	.1	.1						.7	13.1
NNW	.1	.1	.2	.2	.1	.0						.6	11.5
VARBL	1.3	.2	.0									1.6	2.6
CALM												22.5	
	23.2	24.0	21.2	6.7	1.6	.7	.1					100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 5366

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

4271 (STATION) SONDRESTROM GL (STATION NAME) 75-83 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1		.1									.3	5.5
NNE	.4	.4	.1	.1								1.1	5.6
NE	1.2	8.6	5.6	1.0								26.3	5.1
ENE	13.9	9.1	7.7	.8	.6	.4						29.2	5.6
E	2.2	2.5	3.2	.8								8.7	6.4
ESE		.6	.1	.1								.8	7.3
SE			.4	.1								.6	11.3
SSE													
S													
SSW						.1						.1	22.0
SW				.1								.1	14.0
WSW	.3	.6	.3	.3	.1							1.5	8.2
W	.3	.4	.1	.6	.4							1.8	11.2
WNW					.3							.3	18.0
NW	.1	.1	.3	.4	.8							1.8	14.2
NNW	.1		.4	.1								.7	8.4
VARBL	1.1	.3										1.4	2.8
CALM												25.2	
	25.7	22.3	19.4	4.6	2.2	.6						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 725

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)

[illegible] STATION | SONDRESTROM GL STATION NAME | 75-83 YEARS | MAP MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1		.1									.3	4.5
NNE	.8	.4	.3	.1								1.7	5.3
NE	11.1	8.8	6.7	.4	.3							25.7	4.9
ENE	9.8	11.3	7.7	1.4		.3						29.5	5.5
E	2.1	2.2	3.1	.6	.6	.3		.3				9.1	8.4
ESE	.1	.1	.4	.3			.1					1.1	11.4
SE		.1										.3	6.0
SSE	.1	.1	.4		.1							.8	9.3
S		.1		.1								.3	7.5
SSW		.1		.1								.4	12.3
SW													
WSW	.9	.1	.1	.4								1.5	6.5
W	.5	.3	.6	.3								1.7	6.3
WNW			.4	.6	.1							1.1	13.6
NW		.1	.6	.3	.7							1.7	13.1
NNW			.1	.1								.3	10.0
VARBL	1.4											1.4	2.0
CALM												23.1	
	26.0	23.2	20.0	4.9	1.8	.6	.1	.3				100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 715

USAFETAC FORM AIR 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)

4271 (STATION) SONDRESTROM GL (STATION NAME) 75-83 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.1										.1	6.0
NNE	.4	.1	.1									.7	3.8
NE	9.1	8.6	6.5	.7	.1							25.2	5.1
ENE	11.1	12.7	7.2	.8	.3	.3						31.4	5.3
E	2.5	2.9	2.4	1.1		.1						9.0	6.5
ESE			.1	.7	.1							1.0	13.9
SE			.1		.1							.3	13.0
SSE			.3	.3		.1						.7	14.8
S				.3								.3	13.5
SSW			.1	.1	.1							.4	13.3
SW	.1		.1	.1								.4	9.3
WSW	.4	.4		.1								1.0	5.4
W	.4	.7	.3	.6								1.9	6.9
WNW	.1	.1	.1	.3	.1							.8	10.0
NW	.1		.3	.6	.1	.1						1.2	13.2
NNW	.1	.1		.3	.3							.8	11.8
VARBL	1.7	.1										1.8	2.3
CALM												23.1	
	25.2	26.0	17.7	5.9	1.4	.7						100.3	8.5

TOTAL NUMBER OF OBSERVATIONS 723

USAFETAC FORM AIR 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)

4271 (STATION) SONDRESTROM GL (STATION NAME) 75-83 (YEARS) MAR (MONTH)

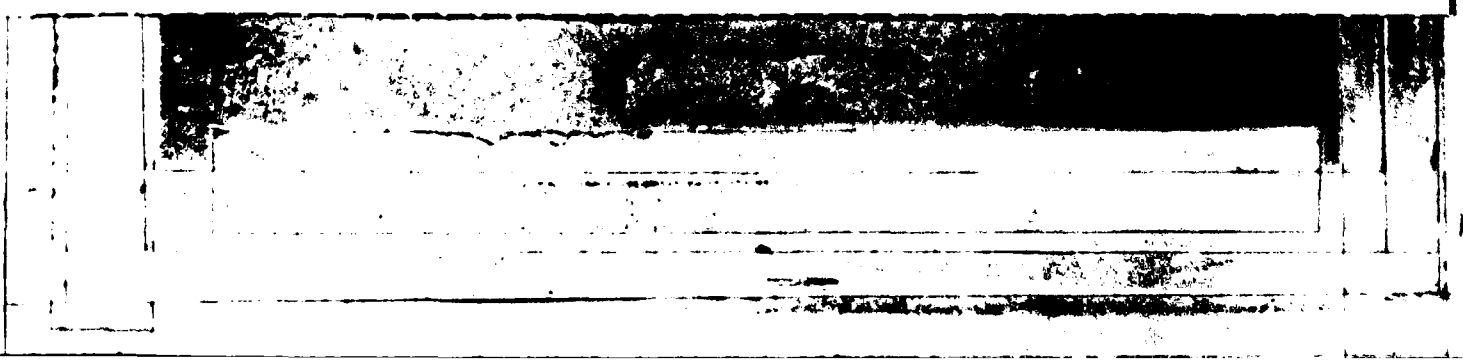
ALL WEATHER (CLASS) 0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE		.4	.1									.6	5.5
NE	8.7	7.6	4.1	.8	.1	.1						21.5	5.0
ENE	13.1	11.3	5.4	1.4	.3							31.4	4.9
E	2.9	2.6	2.3	1.1	.3							9.1	6.5
ESE		.6	.4	.4	.6	.3						2.2	12.8
SE	.1	.1	.1		.1	.3						.8	13.8
SSE			.1	.1	.1			.1				.6	18.0
S				.1			.1					.3	23.5
SSW		.1		.6								.7	11.0
SW	.7	.1	.4		.1	.1						1.5	7.5
WSW	1.1	.4	.3		.1							1.8	4.9
W	.7	.4	.4	.3								1.8	6.1
WNW					.1							.1	20.0
NW		.1	.3	.4	.6							1.4	14.3
NNW					.1	.1						.3	22.0
VARBL	1.4	.3	.1									1.8	3.2
CALM												24.2	
	28.4	24.1	14.2	5.2	2.6	1.0	.1	.1				100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 726

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)

42710 (STATION) SONDRESTROM GL (STATION NAME) 75-83 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS)

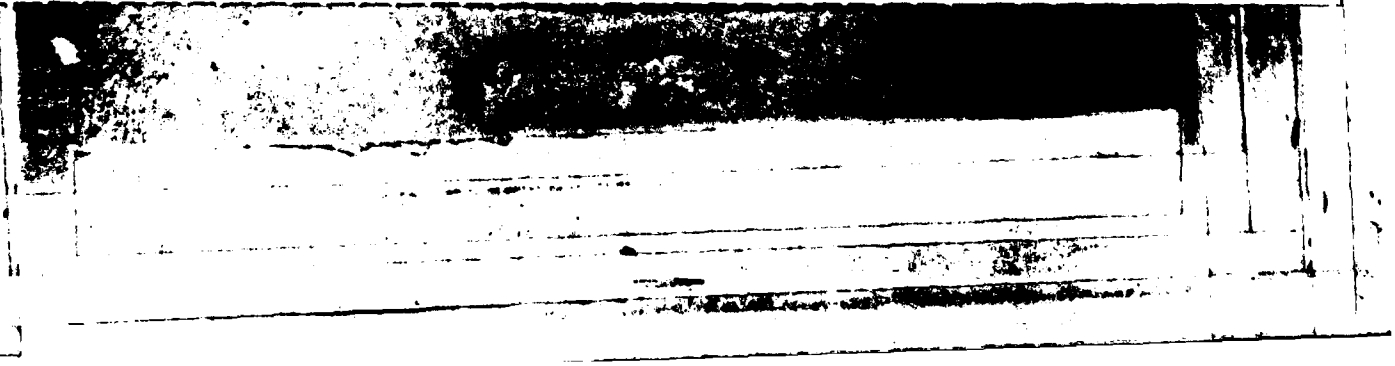
1200-1400 (HOURS (L.S.T.))

(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													
NNE	.1	.4	.7									1.2	7.2
NE	5.1	4.2	2.7	.1								12.2	4.5
ENE	8.7	7.6	3.7	.4	.3							19.9	4.9
E	3.5	3.5	2.7	.7								10.4	5.4
ESE	.1		.1	.3	.4	.1						1.1	10.1
SE		.1	.3	.1	.1							.7	11.6
SSE			.9	.1	.1	.1						1.4	12.2
S	.1	.1	.3	.1	.1	.3						1.1	13.8
SSW	.1		.1	.1								.4	8.0
SW	.8	.1	.5	.3								1.8	6.5
WSW	2.8	1.2	.8	.9								5.8	5.7
W	1.2	.8	1.2	.8	.1							4.2	6.8
WNW	.1			.4	.1	.1						.8	14.8
NW			.1	.4	.7							1.2	16.0
NNW				.1								.1	14.0
VARBL	1.5		.1									1.6	2.7
CALM												36.0	
	23.7	18.2	14.9	5.0	2.0	.7						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 738

USAFETAC FORM AIR 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)

4231 (STATION) SONDRESTROM GL (STATION NAME) 75-83 (YEARS) MAR (MONTH)

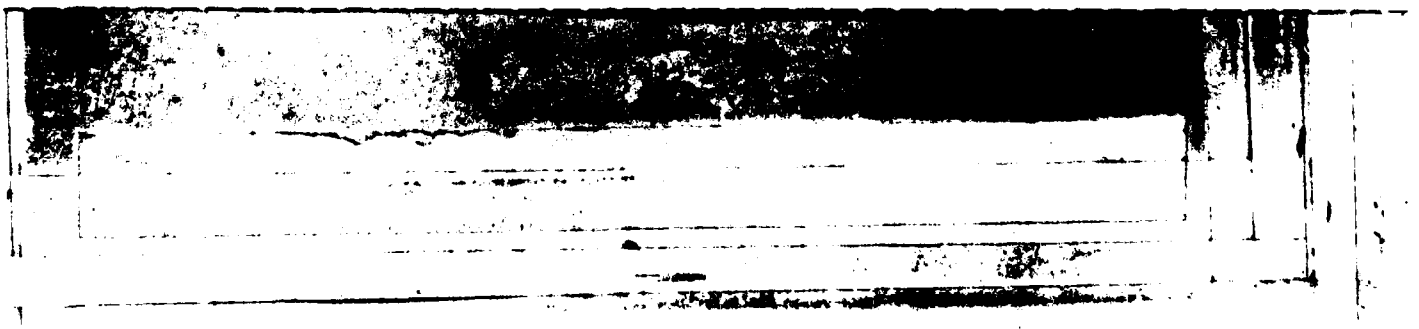
ALL WEATHER (CLASS) 1500-1700 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N			.1	.2								.4	10.0
NNE		.1	.7	.6								1.4	9.7
NE	2.9	4.4	2.1	.6	.1							10.0	5.7
ENE	7.6	6.3	3.3	.3								17.5	4.6
E	1.9	1.9	2.6	.3								6.7	5.6
ESE	.4	.1	.3	.3	.1							1.2	8.7
SE		.1	.4	.1	.4							1.1	12.6
SSE	.7	.3	.3	.1			.1					1.0	10.7
S	.3			.3	.1							.7	10.2
SSW		.1		.3								.4	10.0
SW	.3			.6	.3							1.1	11.6
WSW	1.7	.7	1.2	.7	.3	.3						6.2	6.6
W	3.2	1.7	1.3	.4	.3	.1						6.9	5.6
WNW	.7	.3	.1	1.0	.3	.1						1.9	13.6
NW			.6	.6	.1	.1						1.4	13.8
NNW			.1	.6	.1							.8	14.2
VARBL	1.4	.1										1.5	2.5
CALM												39.8	
	21.2	16.2	13.1	6.7	2.2	.7	.1					100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 727

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1231 (STATION) SONDRESTROM GL (STATION NAME) 75-83 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.1	.3									.4	7.3
NNE	.7	.6	.6	.6								2.1	8.4
NE	6.7	6.0	3.9	.6	.1							16.6	5.3
ENE	7.1	7.3	5.6	.7	.8							21.1	5.3
E	1.4	2.7	2.2	.7	.1							6.4	6.7
ESE	.4		.4									.8	5.8
SE	.1		.1									.3	5.0
SSE		.1	.1									.3	6.5
S		.4	.1									.6	6.0
SSW	.1	.1										.3	3.5
SW		.1	.4	.1								.7	9.0
WSW	.9	.8	.8	.3	.1							2.9	6.6
W	.3	.4	1.1	.6	.4							3.4	8.9
WNW		.4	.4	.6								1.4	9.8
NW		.6	1.3	1.0	.3	.4						3.2	12.5
NNW			.4	.1		.1						.7	12.6
VARBL	2.0	.3										2.2	2.4
CALM												36.7	
	19.1	19.3	17.6	5.2	1.5	.6						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 716

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)

4231 (STATION) SONDRESTROM GL (STATION NAME) 75-83 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS)

0100-2300 (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											.3	2.0
NNE		.4	.7	.3								1.4	7.5
NE	3.8	7.2	4.3	.4								23.7	4.9
ENE	9.1	9.9	6.9	1.8	.3							28.1	5.6
E	3.2	2.2	2.6	1.4								8.4	6.9
ESE	.1	.6	.1	.4	.3							1.5	10.3
SE													
SSE													
S													
SSW	.1											.1	2.0
SW		.3		.3								.5	10.2
WSW	.7	.4	.6	.7								1.9	6.4
W	.7	.6	.7	.6	.4	.3	.1					2.9	12.4
WNW		.3	.1									.4	7.3
NW			1.1	.3	.6	.7						2.6	15.5
NNW		.7	.4	.1								.8	7.5
VARBL	1.4	.1										1.5	2.4
CALM												25.9	
	24.3	22.2	19.6	5.8	1.5	1.0	.1					100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 726

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] (STATION) SONDRESTROM GL (STATION NAME) 75-82 (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	.[illegible]	.[illegible]	.[illegible]	.[illegible]								.2	[illegible]
NNE	.[illegible]	.4	.4	.2								1.2	7.[illegible]
NE	[illegible].7	6.9	4.8	.6	.1	.[illegible]						[illegible]0.1	5.[illegible]
ENE	[illegible].4	9.3	5.0	.9	.[illegible]	.1						[illegible]6.2	5.2
E	[illegible].3	2.5	[illegible].6	.8	.1	.1		.[illegible]				.5	6.5
ESE	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]					1.2	10.9
SE	.[illegible]	.1	.2	.1	.1	.[illegible]						.3	11.6
SSE	.[illegible]	.1	.[illegible]	.1	.1	.[illegible]	.[illegible]	.[illegible]				.6	12.1
S	.[illegible]	.1	.1	.1	.[illegible]	.[illegible]	.[illegible]					.4	11.9
SSW	.[illegible]	.1	.[illegible]	.2	.[illegible]	.[illegible]						.4	1.[illegible]
SW	.[illegible]	.1	.2	.2	.1	.[illegible]						.8	8.6
WSW	.2	.6	.5	.4	.1	.[illegible]						2.3	6.3
W	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]					3.1	7.7
WNW	.[illegible]	.1	.[illegible]	.[illegible]	.[illegible]	.[illegible]						.9	12.5
NW	.[illegible]	.1	.[illegible]	.[illegible]	.[illegible]	.[illegible]						1.[illegible]	14.[illegible]
NNW	.[illegible]	.1	.2	.[illegible]	.1	.[illegible]						.6	11.6
VARBL	1.[illegible]	.[illegible]	.									1.[illegible]	2.5
CALM												[illegible]9.3	
	23.2	21.4	17.[illegible]	5.4	1.[illegible]	.[illegible]	.1	.1				[illegible].0	4.3

TOTAL NUMBER OF OBSERVATIONS 57[illegible]6

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)

4231 (STATION) SONDRESTROM GL (STATION NAME) 75-82 (YEARS) APR (MONTH)

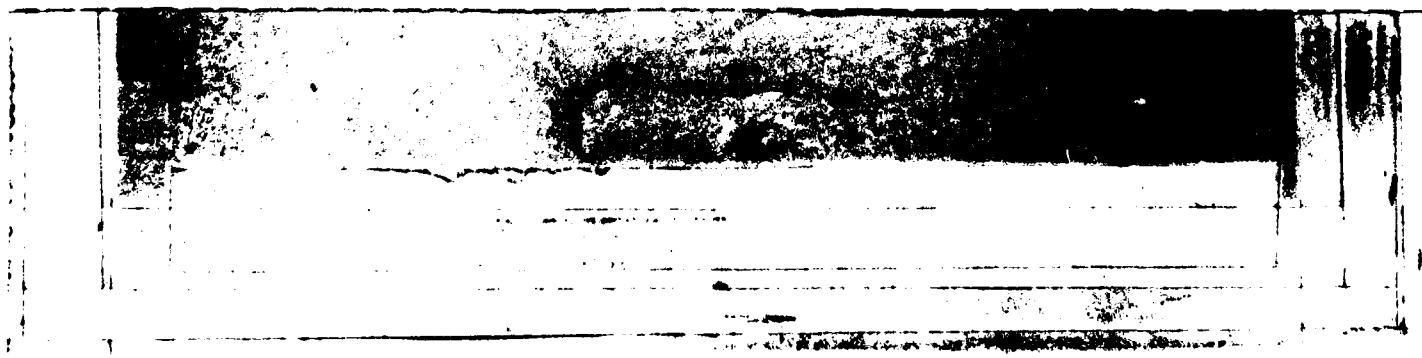
ALL WEATHER (CLASS) 0000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1		.1		.1							.4	9.7
NNE	.4	1.3	1.0	.7	.4							3.8	8.2
NE	5.7	8.4	4.6	1.0								19.7	5.3
ENE	8.1	9.8	7.1	1.4	.4	.1	.1					27.3	5.9
E	2.7	4.5	5.7	.7								12.8	6.6
ESE	.4		.3	.6	.1							1.5	8.7
SE	.1	.1		.1								.4	6.7
SSE	.1	.4	.1	.6	.1							1.4	10.0
S	.1		.1	.1								.4	9.3
SSW	.1		.1	.1		.1						.7	11.6
SW	.1		.1	.1	.4	.1						1.0	16.0
WSW	.4	.3	.1	.6								1.5	8.4
W		.4	.9	.8	.1							2.2	10.1
WNW	.1	.1	.1	.4	.4							1.3	12.6
NW		.1	.9	2.2	.7	.3						4.2	14.2
NNW		.4	.7	.3								1.4	8.3
VARBL	1.8	.8	.1									2.8	3.1
CALM												17.5	
	19.8	26.7	22.3	9.9	2.9	.7	.1					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 716

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)

4231 (STATION) SONDRESTROM GL (STATION NAME) 75-83 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

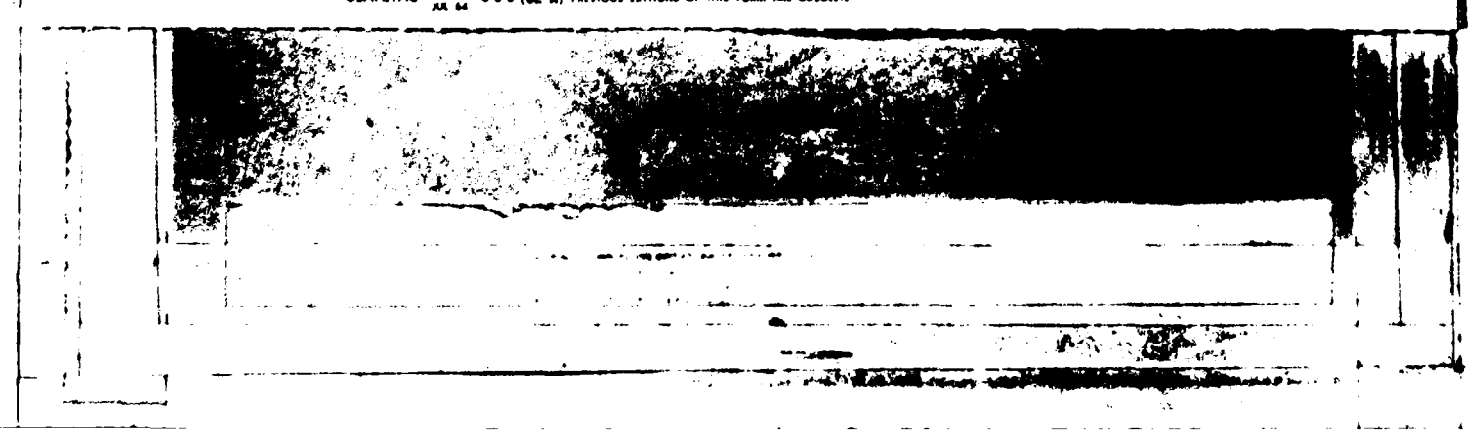
0300-0500 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.1	.1	.6	.1							1.1	10.9
NNE	.4	1.[illegible]	1.3	.4								3.1	6.6
NE	6.4	8.2	5.4	1.4								21.4	5.5
ENE	5.6	8.9	8.1	2.5	.3							25.3	6.4
E	2.6	3.6	5.1	1.3								12.7	6.7
ESE			.4	.1	.3							.8	13.7
SE	.1	.1	.1	.3								.7	8.0
SSE	.3		.1	.4								.8	8.2
S	.1		.4	.3								.8	10.0
SSW			.1	.1	.1		.1					.6	17.8
SW	.3	.1	.3	.1	.1	.3						1.3	12.2
WSW	.6	.6	1.3	.6								2.9	7.7
W	.1	.4	1.3	.8								2.6	9.4
WNW			.3	.4								1.1	10.8
NW	.3	.1	.3	1.1	1.1	.1						3.5	14.2
NNW			.4	.3								.7	10.6
VARBL	1.3	1.1										2.4	3.5
CALM												18.2	
	18.2	24.3	25.9	10.7	2.1	.4	.1					100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 719

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)

(2?1) STATION | SONDRESTROM GL STATION NAME | 75-83 YEARS | APR MONTH

ALL WEATHER CLASS

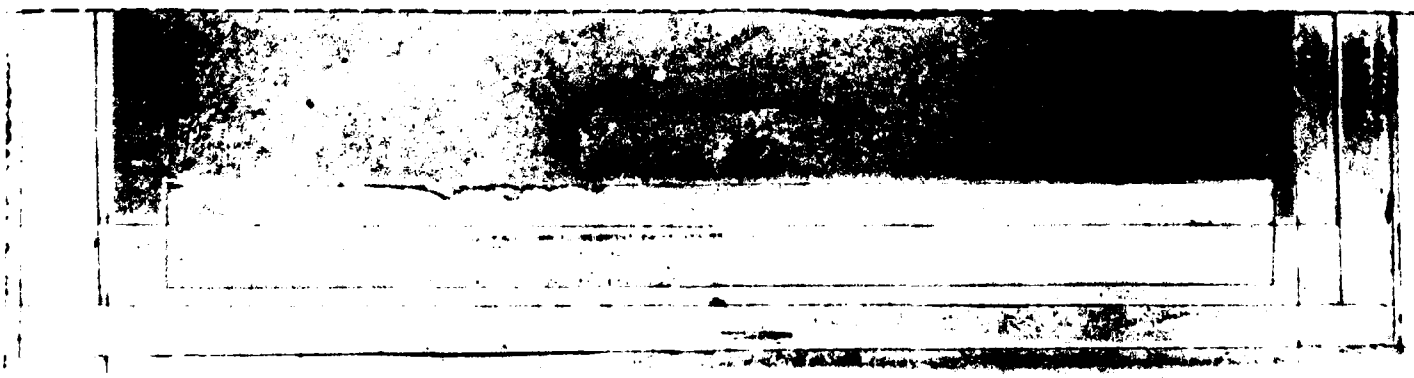
0600-0800 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.?	.3	.1	.1							.8	9.8
NNE	.?	1.0	.8	.8								2.9	7.6
NE	7.4	10.9	5.0	.1	.1							23.7	5.1
ENE	8.4	7.6	5.6	2.2								23.8	5.5
E	3.1	2.2	6.7	2.5								14.6	7.5
ESE	.1	.4	.3									.8	5.3
SE	.?		.3	.1								.7	6.8
SSE	.4	.1	.1	.7	.3							1.7	10.8
S	.1		.1	.4	.1	.1						1.0	13.7
SSW			.1	.1	.4	.1						.8	17.2
SW		.1	.3	.3	.1							.8	12.2
WSW	1.?	.7			.1							1.8	4.6
W	.6	.7	.6	1.4								3.2	9.0
WNW	.1	.3	.3	.6	.1							1.4	10.5
NW		.1	.3	1.1	1.?	.4						2.9	16.0
NNW	.1	.1			.1							.4	8.7
VARBL	1.3	.3										1.5	3.1
CALM												16.9	
	23.2	28.9	20.9	10.6	2.7	.7						1?0.0	5.6

TOTAL NUMBER OF OBSERVATIONS 714

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)

4271 SONDRESTROM GL 75-83 APR
STATION STATION NAME YEARS MONTH

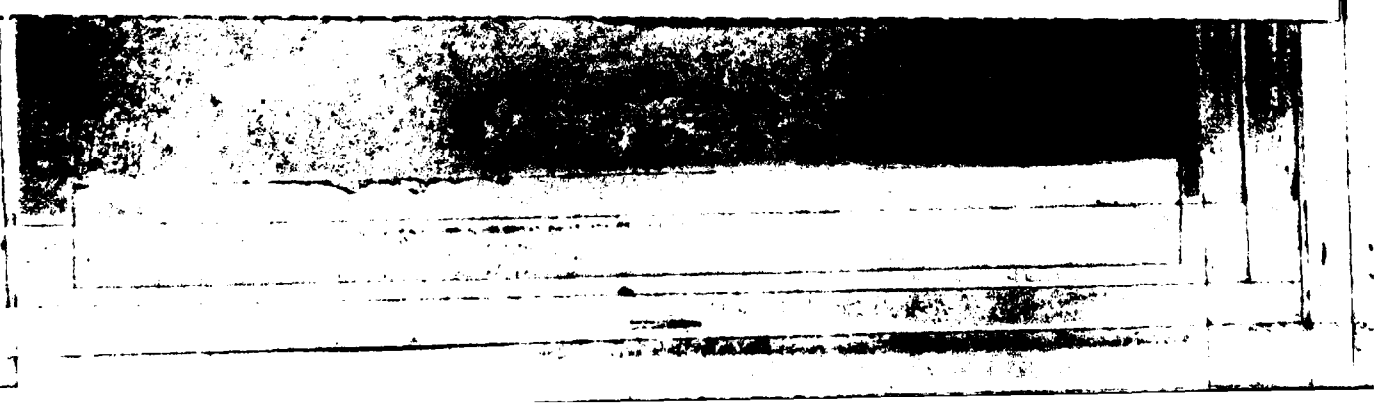
ALL WEATHER 0900-1100
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.6		.4								1.0	8.9
NNE		1.1	1.3	.3								2.7	7.8
NE	3.9	6.1	2.5									12.6	4.8
ENE	4.6	7.0	4.6	1.4								17.6	5.8
E	3.5	3.4	5.3	1.5	.3							14.0	6.9
ESE	.3	.6	1.1	.4								2.4	7.6
SE	.3		.6	.4								1.3	9.0
SSE	.3		.4	.6								1.3	9.4
S	.6	.6	.3	.7								2.1	7.2
SSW	1.3	.3		.6	.1	.1						2.4	7.4
SW	1.1	.8	.1	.4	.1							2.7	6.2
WSW	4.9	1.8	1.0	.8	.1							8.7	4.8
W	2.1	1.5	1.8	.7	.3	.3						6.7	7.4
WNW			1.0	.7	.8							2.5	13.9
NW			.1	.8	.3							1.3	13.4
NNW						.1						.1	24.0
VARBL	1.7	1.3	.3									3.2	3.6
CALM												17.7	
	24.4	25.0	20.4	9.8	2.1	.6						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 716

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

4231 (STATION) SONDRESTROM GL (STATION NAME) 75-83 (YEARS) APR (MONTH)

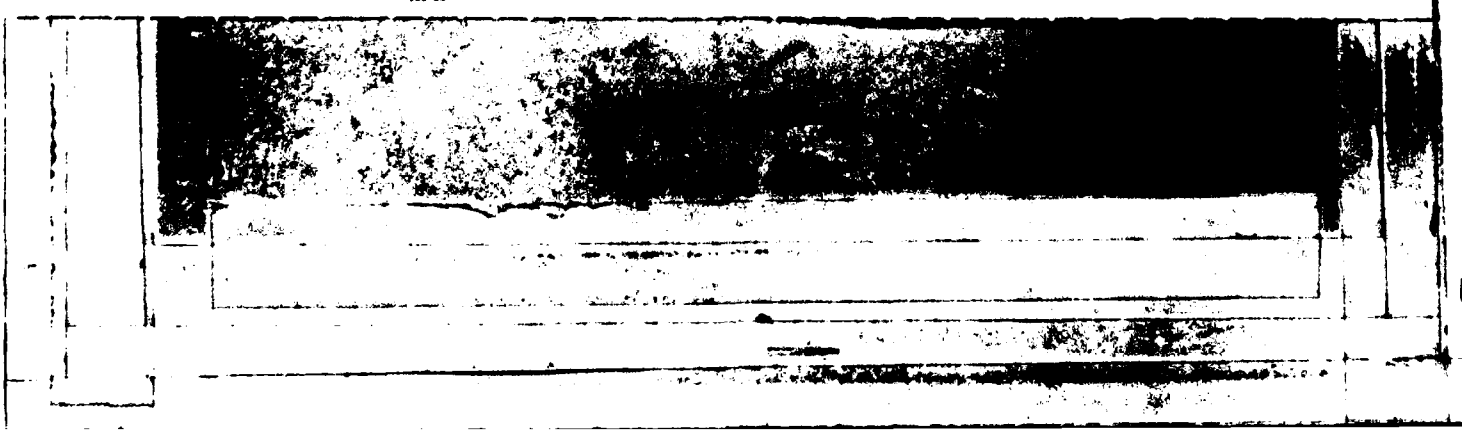
ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.1										.1	4.0
NNE	.4	1.2	.7									2.3	5.5
NE	1.9	2.8	1.7	.6								6.9	5.5
ENE	3.3	3.7	4.3	.6								11.9	5.9
E	1.5	2.9	3.9	.7	.3							9.3	7.0
ESE	.3	.3	.7									1.2	6.3
SE	.1	.1	.3	.3	.1							1.0	10.1
SSE	.1	.1	1.1	.7	.1							2.1	10.2
S	.7	.7	.4	.8	.1	.1						2.9	9.0
SSW	.3	.1	.4	.4	.3							2.1	8.3
SW	2.5	1.4	.7	.1	.4	.1						5.2	5.9
WSW	5.8	3.5	4.7	.6	.3							14.8	5.6
W	2.3	2.3	2.8	1.4	.6	.6	.1					10.1	8.6
WNW		.4	.7	.6	.6	.3						2.5	13.3
NW				.4	.1							.6	16.0
NNW			.1	.1								.3	10.0
VARBL	1.9	1.7	.3									3.2	3.7
CALM												23.6	
	21.8	20.7	22.5	7.2	2.9	1.1	.1					100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 724

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)

(4231) SONDRESTROM GL 75-87 APR
STATION STATION NAME YEARS MONTH

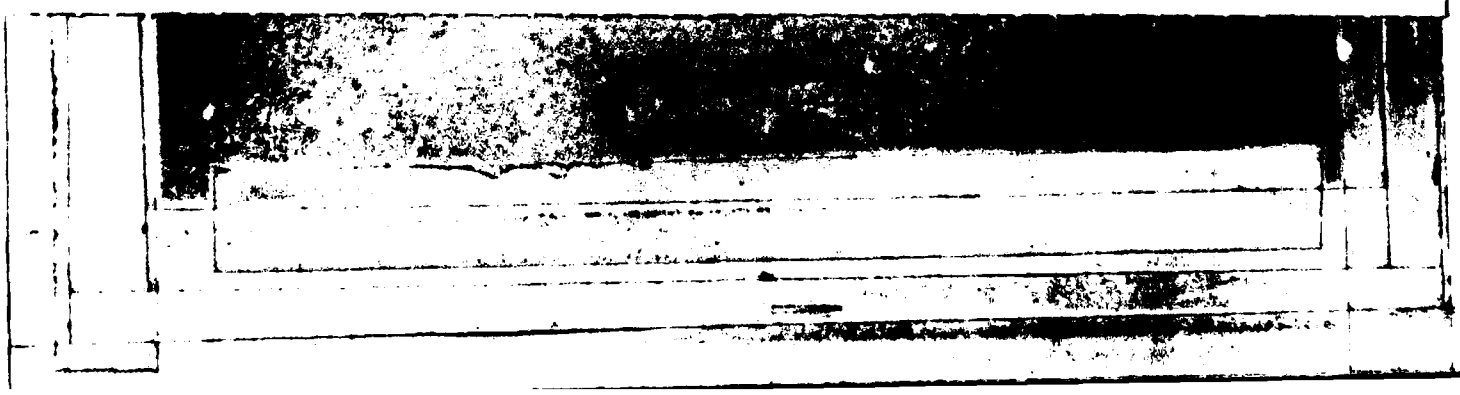
ALL WEATHER 1500-1700
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.1										.3	8.0
NNE		.7	.4	.4								1.5	8.1
NE	1.9	2.8	2.9	1.9	.4							10.0	7.8
ENE	4.7	4.6	1.7	.7								10.9	5.1
E	.7	2.2	2.5	.8	.1							6.4	7.6
ESE		.9	.7	.3	.3							2.1	9.4
SE		.4	.4									.8	6.3
SSE			.4	.8	.1							1.4	12.3
S	.4	.4	.7	.4	.3	.1						2.4	9.7
SSW	.5	.4		.3	.3		.1					1.7	9.8
SW	1.2	1.1	.8	.1		.1	.1					3.6	7.1
WSW	5.7	2.9	3.9	2.1		.1	.1					14.8	6.5
W	2.8	2.8	5.5	2.5	.3	.1	.4					14.4	8.5
WNW	.3	.4	.6	.7	.7	.1	.1	.1				3.1	13.9
NW			.1	.3	.3							.7	15.4
NNW	.3											.3	2.0
VARBL	2.2	1.1	.6	.1								4.0	4.3
CALM												21.9	
	21.2	20.7	21.2	11.5	2.8	.7	1.0	.1				100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 723

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)

[2211] (STATION) SONDRESTROM GL (STATION NAME) 75-83 (YEARS) APR (MONTH)

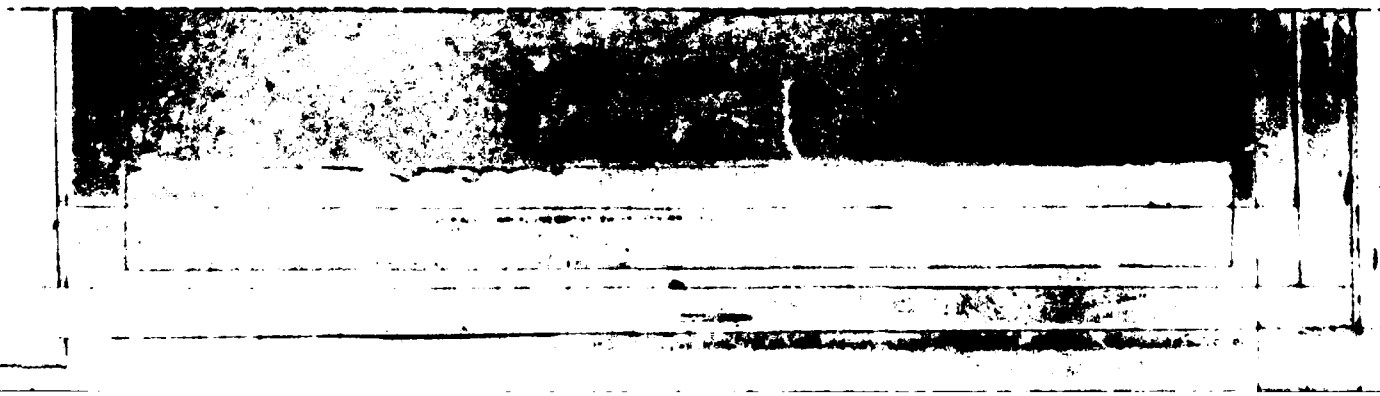
ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.1	.8	.8	.3							2.1	11.7
NNE	.1	1.1	1.5	2.1	.6	.1						5.6	10.8
NE	3.6	5.2	3.2	2.1	.1							14.2	6.3
ENE	4.3	5.1	3.6	.4								13.4	5.2
E	1.4	2.2	1.7	1.1								6.4	6.7
ESE	.3	.3	.3	.3	.1							1.3	8.2
SE	.1	.4	.1	.1	.1							1.0	8.9
SSE	.4	.3	.7	.6								1.9	7.5
S	.1	.1	.4	.6	.1							1.4	10.7
SSW	.4	.1		.7	.3	.3						1.8	13.2
SW	.3	.3	.3	.6			.1					1.5	9.4
WSW	1.1	1.3	1.8	1.4	.4							6.0	8.4
W	1.7	2.2	2.9	1.8	.4		.1					9.2	8.4
WNW	.1	.3	.1	.8	.7		.1					2.2	14.1
NW	.1	.1	.8	1.0	.8	.1						3.1	13.0
NNW	.1	.1	.3	1.3	.1							1.9	11.7
VARBL	1.5	.4	.4									2.4	3.8
CALM												24.7	
	15.9	19.6	19.1	15.6	4.2	.6	.4					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 718

USAFETAC FORM 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)

42713	SONDRESTROM GL	75-83	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

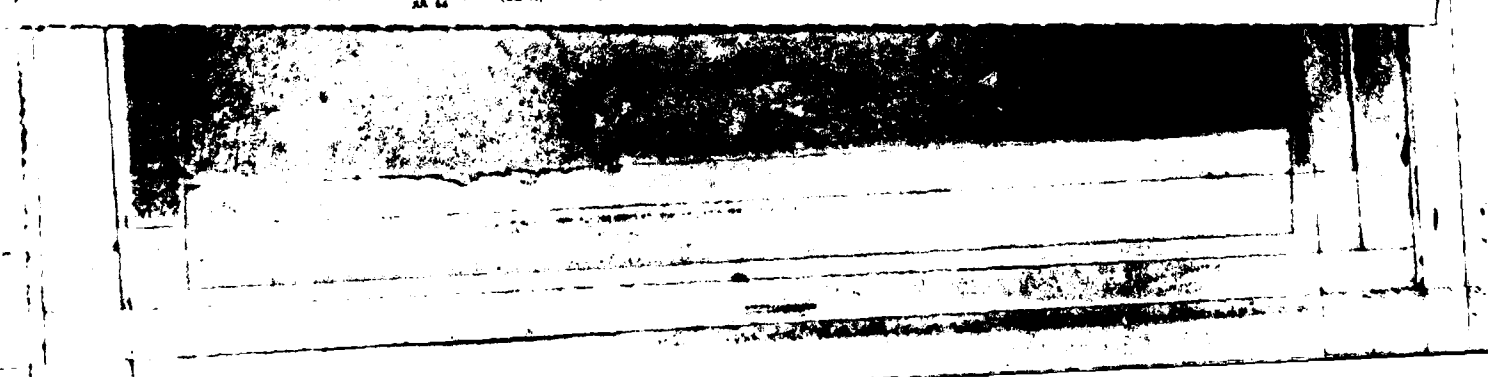
2100-2300 (HOURS (L.S.T.))

(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	.8	.8								1.8	8.2
NNE	.6	1.1	1.1	2.6	.4							5.8	10.2
NE	5.5	8.3	4.7	1.1								19.7	5.3
ENE	6.4	8.6	4.7	1.0		.1						20.8	5.3
E	2.4	4.6	3.9	.6	.1							11.5	6.3
ESE	.6	.3	.8		.3							1.9	8.1
SE	.1		.1	.1								.4	8.0
SSE	.1	.4	.1	.1								.8	6.3
S	.1	.1	.4	.7	.4							1.8	11.7
SSW	.4	.1	.3	.3	.3	.1						1.5	10.7
SW	.1	.1	.8	.4	.1							1.2	9.8
WSW	.3	.3	1.4	.1	.3	.1						3.0	9.2
W	.4	.7	1.1	.4	.4	.4						3.3	10.8
WNW	.4	.3	.4	.1								1.2	6.1
NW	.7	.1	1.1	1.2	.6							3.3	11.9
NNW		.3	.6	1.5								2.4	11.8
VARBL	2.5	.3	.3									3.0	2.8
CALM												16.3	
	20.4	26.6	22.2	10.8	2.9	.8						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 722

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)

4271 (STATION) SONDRESTROM GL (STATION NAME) 75-83 (YEARS) APR (MONTH)

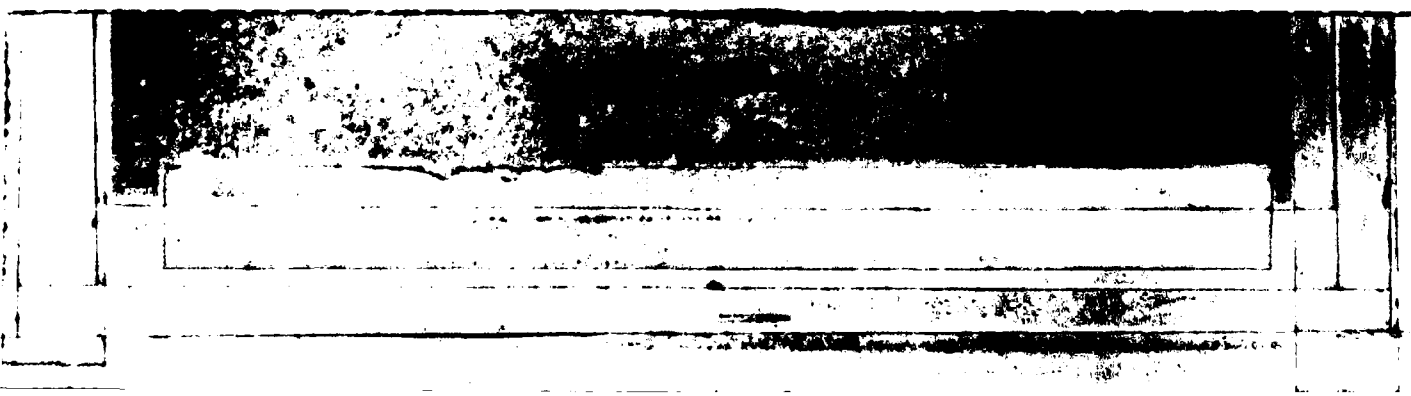
ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.2	.3	.3	.1							1.0	9.6
NNE	.3	1.1	1.0	.9	.2	.0						3.5	8.6
NE	4.6	6.6	3.8	1.0	.1							16.0	5.6
ENE	5.6	6.9	5.0	1.3	.1	.0	.0					18.8	5.7
E	2.1	3.2	4.3	1.1	.1							10.9	6.9
ESE	.3	.3	.6	.2	.1							1.5	8.3
SE	.1	.2	.2	.2	.0							.8	8.2
SSE	.1	.2	.4	.6	.1							1.4	9.5
S	.1	.3	.4	.5	.1	.1						1.6	9.8
SSW	.1	.1	.1	.3	.2	.1	.0					1.4	10.7
SW	.1	.5	.4	.3	.2	.1	.0					2.2	8.1
WSW	.5	1.5	1.8	.8	.2	.0	.0					6.7	6.4
W	.3	1.4	2.1	1.2	.3	.2	.1					6.5	8.7
WNW	.1	.2	.5	.5	.4	.1	.0	.0				1.9	12.5
NW	.1	.1	.5	1.0	.6	.1						2.4	13.8
NNW	.1	.1	.3	.4	.0	.0						.9	10.6
VARBL	1.8	.8	.2	.0								2.8	3.5
CALM												19.6	
	21.5	27.6	21.8	10.8	2.8	.7	.2	.0				100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 5752

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)

42710 (STATION) SONDRESTROM GL (STATION NAME) 75-83 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.6	.6	1.0								2.1	10.0
NNE	.3	1.4	2.1	1.6	.1							5.5	9.0
NE	2.8	6.4	4.2	2.1								15.6	6.5
ENE	2.4	5.2	10.9	2.3	.3							21.1	7.6
E	1.4	3.5	6.2	1.3								12.4	7.3
ESE	.3		.4									.7	6.2
SE			.1	.4								.6	12.0
SSE	.4	.1	.1	.1								.8	5.0
S	.1	.1		.1								.4	7.3
SSW	.1			.1	.3							.7	14.0
SW	.3	.4	.3	.1	.3	.3						1.7	10.6
WSW	1.4	1.3	1.6	.6								4.8	6.6
W	1.7	2.3	2.1	1.8								7.9	7.3
WNW	.5	1.1	1.1	.7	.6	.1						4.2	9.6
NW	.1	.6	.8	2.8	.3	.1						4.8	11.9
NNW		.1	.4	.3								.8	9.3
VARBL	1.3	.6	.3									2.7	3.1
CALM												13.0	
	13.9	23.8	31.9	15.6	1.8	.6						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 707

USAFETAC FORM 0-8-5 (GL 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)

42712 (STATION) SONDRESTROM GL (STATION NAME) 75-83 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.4	1.3	.4								2.2	8.7
NNE	.6	1.0	1.4	.7								3.6	7.7
NE	3.6	7.9	4.9	1.4	.1							18.0	6.2
ENE	3.1	4.8	10.9	2.0	.3							21.0	7.5
E	1.7	4.3	5.2	2.0	.1							12.6	7.5
ESE	.1	.7	.1	.1								1.1	6.8
SE	.1	.1		.6								.8	10.3
SSE			.3	.1								.4	10.0
S			.3	.6								.8	13.2
SSW		.7		.1	.3	.1						.8	15.2
SW	.3	.1	.6	.1	.3							1.4	9.9
WSW	.6	1.4	1.8	1.5	.1							5.5	8.6
W	.7	1.4	3.4	1.3	.1							6.9	8.2
WNW	.7	.4	.7	.6								2.4	7.0
NW	.6	.7	1.1	1.0		.1						3.5	8.8
NNW	.1	.4	.3									.8	5.3
VARBL	1.1	1.0	.3									2.4	4.3
CALM												15.6	
	12.9	25.0	32.5	12.5	1.4	.3						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 713

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)

-271 (STATION) SONDRESTROM GL (STATION NAME) 75-83 (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	.9								1.8	10.8
NNE	.3	1.1	.4	.7	.1							2.7	8.2
NE	1.7	3.9	3.2	.6								9.4	6.3
ENE	2.2	5.1	6.2	2.4								15.8	7.2
E	2.8	7.1	9.5	3.9	.6	.1						24.1	7.9
ESE	.7	1.1	.4	.6	.1							2.9	6.9
SE	.1	.1	.8	.4	.3							1.8	11.0
SSE	.7	.1	.3	.3	.1							1.5	6.9
S		.3		.1	.4							.8	13.7
SSW	.4	.4	.1	.4								1.4	7.4
SW	1.3	.3	.6	.7	.3	.1						3.8	7.8
WSW	1.8	3.1	2.9	2.0								9.8	7.1
W	1.3	1.9	3.4	1.3								7.7	7.5
WNW		.3	.3	.3								.8	8.3
NW		.1	.7	.6	.1							1.5	10.9
NNW	.1		.1	.1								.4	7.0
VARBL	1.7		.1									1.8	2.5
CALM												11.8	
	15.1	25.5	30.1	15.1	2.1	.3						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 714

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)

4271 (STATION) SONDRESTROM GL (STATION NAME) 75-83 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

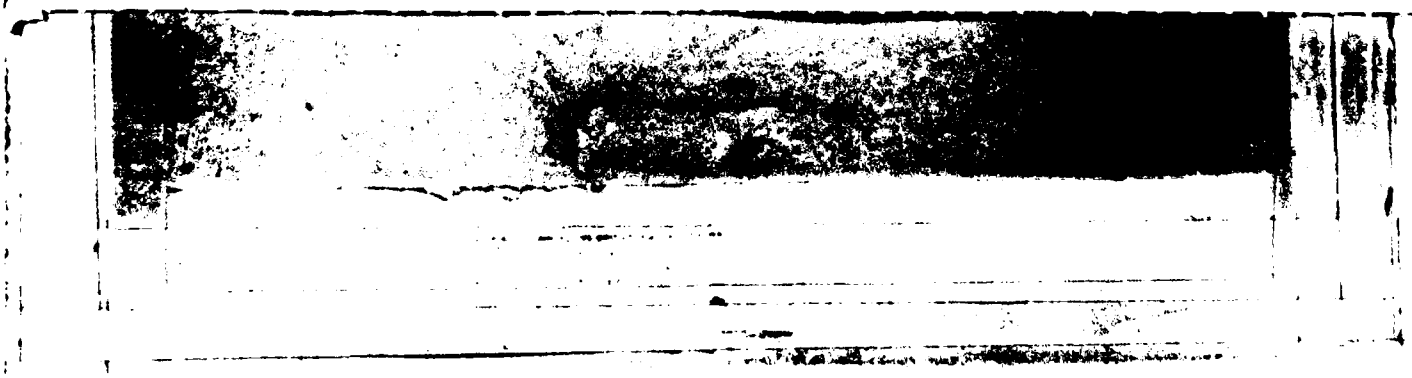
0900-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.1	.4	.4								1.	10.3
NNE	.1	.6	.8	.1								1.7	6.4
NE	1.7	.6	2.5	.3								4.4	7.1
ENE	1.4	3.1	4.9	1.5	.1							11.1	7.6
E	2.5	5.8	5.3	1.8	.4							15.9	7.3
ESE	1.7	1.7	1.1	.8	.1							4.1	7.4
SE	.1	.1	2.1	.8	.3							3.5	10.1
SSE	.4	.4	.6	.4	.3							2.1	8.9
S	.6	1.1		.1	.1	.1						2.1	7.0
SSW	1.8	1.1	.1	.1	.1	.3						3.7	5.9
SW	3.0	1.7	.7	.6	1.0	.3						6.2	8.3
WSW	2.5	7.5	4.9	1.8	.7	.6	.1					18.1	7.7
W	1.1	2.3	4.5	3.1	.3							11.3	8.8
WNW		.3	.3									.6	7.0
NW			.1		.1							.3	13.0
NNW	.3	.1	.1									.6	5.3
VARBL	2.1	.9	.4									3.4	3.3
CALM												10.1	
	17.0	26.6	29.1	12.1	3.7	1.3	.1					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 711

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)

[illegible] SONDRESTROM GL [illegible] MAY
STATION STATION NAME YEARS MONTH

ALL WEATHER 1200-1400
CLASS HOURS (L S T)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N			.4	.1								.6	[illegible]
NNE	.1	.4	.4	.4								1.4	[illegible]
NE	.1	1.0	2.3	.7								3.7	7.9
ENE	.7	2.1	2.0	1.0								5.7	7.2
E	.7	2.4	3.3	1.7	.6	.2						[illegible]	[illegible]
ESE	.2	1.5	1.2	.2								3.4	6.0
SE		.2	1.0	.2								2.4	[illegible]
SSE	.3	.0	2.[illegible]	1.1	.1							4.4	9.2
S	.2	.6	.4	.6	.2							2.[illegible]	8.1
SSW	.2	1.1		.2		.2						2.4	5.9
SW	1.6	2.4	1.0	.0	.6	.2						7.6	7.9
WSW	2.0	7.[illegible]	7.3	4.1	1.2	.2						23.3	[illegible]
W	1.1	3.[illegible]	5.4	[illegible]	1.[illegible]		.1					15.7	9.7
WNW		.1	.4	.1	.4	.3						1.4	15.3
NW		.1	.3	.1		.1						.7	13.[illegible]
NNW													
VARBL	3.4	2.7	1.	.1								[illegible]	4.3
CALM												[illegible]	
	12.9	[illegible]7.3	30.3	17.0	4.3	1.0	.1					[illegible]	7.8

TOTAL NUMBER OF OBSERVATIONS [illegible]

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)

-271 (STATION) — ÖRESTROM GL (STATION NAME) — 75-83 (YEARS) — MAY (MONTH)

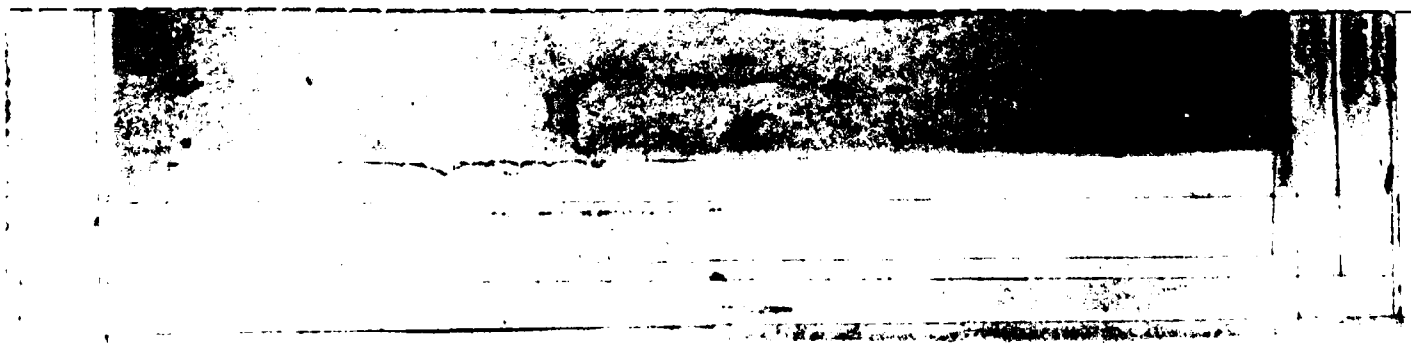
ALL WEATHER (CLASS) — 1500-1700 (HOURS (L.S.T.))

(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		.3	.9	.4	.1							1.7	10.3
NNE	.1	.6	1.2	.7	.1							2.7	9.5
NE	.3	1.3	1.9	.7	.3							4.5	8.5
ENE	.6	.9	2.6	1.4	.4							5.9	9.4
E	.7	2.9	4.6	2.6	.3	.3						11.4	8.8
ESE	.3	1.-	1.7	.7								3.6	8.3
SE	.3	.4	1.2	.3		.1						2.2	9.1
SSE		.7	1.3	.6	.1							2.7	9.2
S	.4	.6	.6	.7	.3							2.6	9.3
SSW	.4	.1	.4	.1		.3						1.4	10.5
SW	1.4	1.2	1.9	1.6	.4	.3						6.8	9.1
WSW	2.7	4.9	6.5	5.3	1.7	.3						20.8	9.7
W	1.4	2.3	7.9	6.8	1.2	.1						19.8	10.2
WNW	.3		.6	.3	.4	.6						2.0	16.2
NW			.3		.4	.3						.9	19.3
NNW													
VARBL	2.9	1.6	.7	.1								5.3	4.1
CALM												5.5	
	17.8	19.8	34.1	22.5	5.9	2.3						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 692

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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

4231 (STATION) SONDRESTROM GL (STATION NAME) 75-83 (YEARS) MAY (MONTH)

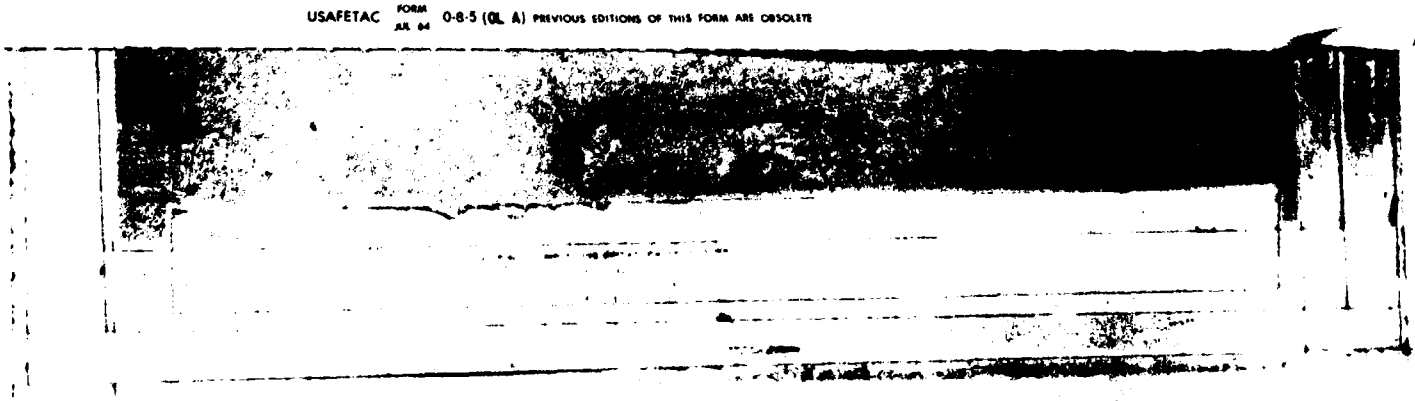
ALL WEATHER (CLASS) 1800-2000 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N			1.9	.8	1.3							2.8	13.9
NNE		.4	2.2	2.6	.7							6.1	11.9
NE	.7	1.3	4.7	2.9	.3							9.9	9.2
ENE	1.1	1.9	4.5	2.1								9.5	8.2
E	.3	1.9	4.6	2.6	1.3	.3						11.3	9.9
ESE	.3	.8	.8	.7								2.6	8.2
SE		.1	.8	.1								1.1	8.3
SSE	.3	.3	.8	.1	.3							1.8	9.2
S	.1		.3	.4	.1							1.0	10.4
SSW	.1	.1	.3	.4		.3						1.3	12.1
SW	.4	.4	1.1	.4	.7							3.1	10.1
WSW	1.5	3.8	3.5	3.5	.8	.3						13.4	9.0
W	.7	3.5	8.8	5.4	1.1	.3						19.8	10.0
WNW	.1	.3	1.3	1.7	1.5	.1						4.7	13.4
NW			.8	1.3	1.7							3.5	14.9
NNW	.1	.3	.4	.1								1.0	7.3
VARBL	.4	.1	.3									.8	4.0
CALM												6.5	
	6.7	15.3	35.9	25.1	9.2	1.3						100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 718

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)

42?1? (STATION) SONDRESTROM GL (STATION NAME) 75-83 (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	.3	1.4	1.1	1.3							4.2	12.7
NNE		.7	1.7	2.8	.6							5.8	11.5
NE	1.7	3.3	4.9	2.5	.3							12.9	7.9
ENE	1.8	5.3	6.?	2.4	.1							15.8	7.3
E	.7	3.2	5.2	1.3	.1							10.5	7.7
ESE	.1	.6	1.1	.3	.1							2.3	8.9
SE	.3		.3									.6	5.0
SSE	.?	.1										.4	3.3
S		.7	.1	.3								1.1	7.4
SSW	.?	.1	.4	.8	.3							2.0	11.2
SW	.?	.?	.4	.8	.1							2.0	10.4
WSW	.7	2.1	1.5	.8		.1						5.3	7.7
W	1.4	1.8	4.2	2.8	.1							10.4	8.4
WNW	.?	.7	1.?	2.4	.6							4.9	11.4
NW	.1	.6	1.?	2.1	2.?							5.8	13.7
NNW		.4	.8	1.5	.1							3.0	10.5
VARBL	1.5	.1										1.7	2.4
CALM												11.4	
	9.7	20.7	30.2	22.1	5.?	.1						1?0.0	7.9

TOTAL NUMBER OF OBSERVATIONS 711

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

4231 (STATION) SONDRESTROM GL (STATION NAME) 75-83 (YEARS) MAY (MONTH)

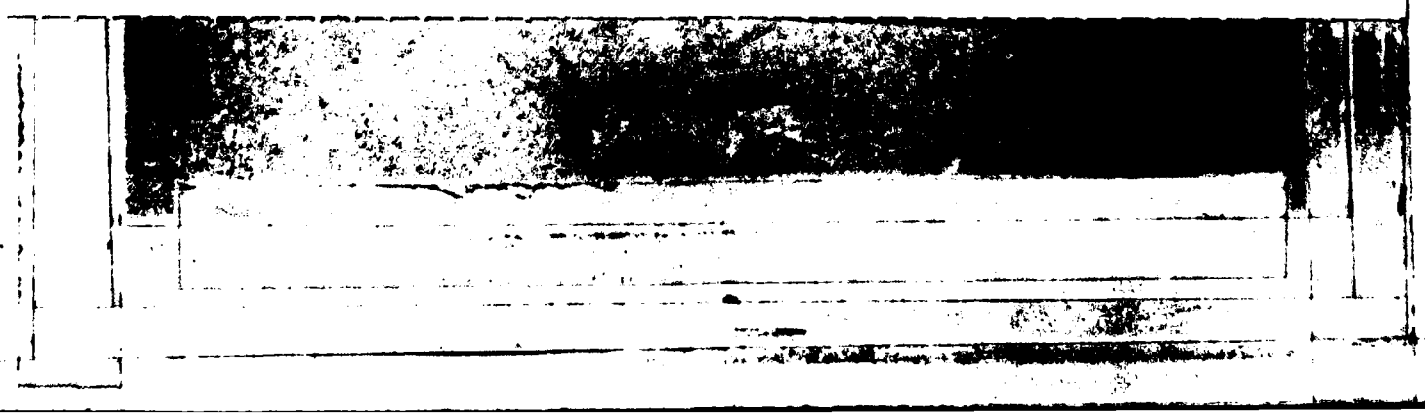
ALL WEATHER (CLASS) ALL (HOURS (L.S.T.))

(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	.2	.9	.7	.3							2.1	11.3
NNE	.2	.8	1.3	1.2	.2							3.7	9.8
NE	1.5	3.2	3.6	1.4	.1							9.8	7.2
ENE	1.7	3.6	6.1	1.9	.2							13.4	7.6
E	1.3	4.1	5.5	2.2	.4	.1						13.6	8.0
ESE	.4	.8	.9	.4	.1							2.6	7.6
SE	.1	.2	.8	.4	.1	.0						1.6	9.5
SSE	.3	.3	.7	.4	.1							1.8	8.4
S	.2	.4	.2	.4	.2	.1						1.4	9.0
SSW	.5	.4	.2	.3	.1	.1						1.7	8.9
SW	.9	.9	.9	.7	.5	.2						4.0	8.8
WSW	1.7	3.9	3.7	2.5	.6	.2	.0					12.6	8.4
W	1.2	2.3	5.0	3.4	.5	.1	.0					12.4	9.1
WNW	.2	.4	.7	.8	.4	.1						2.6	11.5
NW	.1	.3	.6	1.0	.6	.1						2.6	12.7
NNW	.1	.2	.3	.3	.0							.8	8.6
VARBL	1.9	.9	.4	.0								3.2	3.7
CALM												10.0	
	12.4	22.9	31.7	17.7	4.3	1.0	.0					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 5666

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)

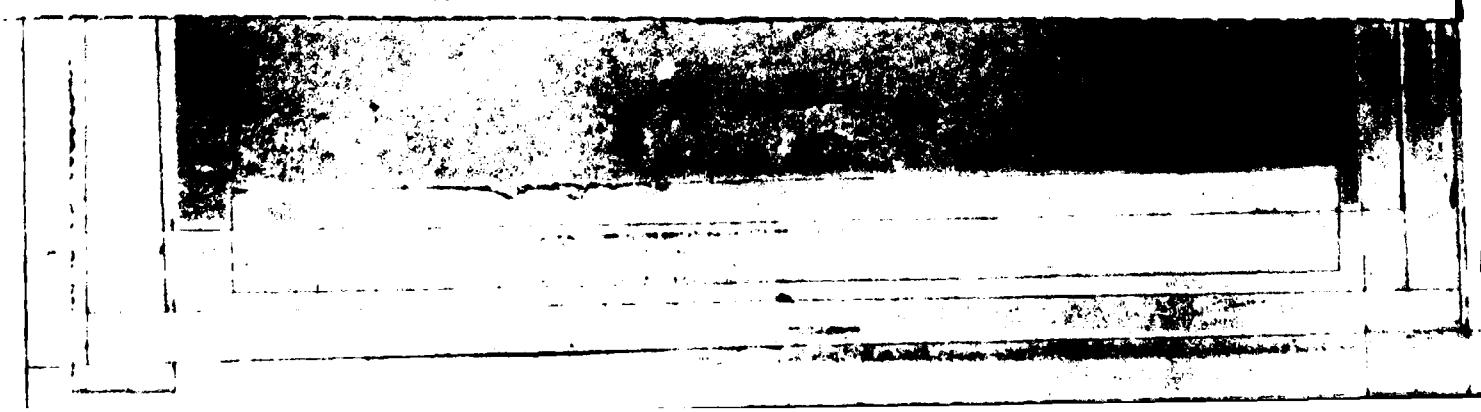
4271 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.3	.3									.7	5.2
NNE	.9	3.3	1.1	.1								5.4	5.3
NE	1.5	6.[illegible]	7.8	1.[illegible]								16.3	6.8
ENE	2.5	4.9	7.4	1.8								16.6	7.2
E	.8	2.1	4.5	3.1								10.5	8.7
ESE	.4	.3	.3		.3							1.3	8.1
SE				.1								.1	12.0
SSE		.1										.1	4.0
S	.4		.4	1.1	.4	.1						2.5	12.6
SSW		.1	.1	.1								.4	9.0
SW	.6	.3	.7	.1								1.7	5.8
WSW	1.1	1.[illegible]	2.9	1.3	.1							6.4	8.2
W	.9	2.6	3.9	2.2	.1							9.8	8.2
WNW	.6	1.4	2.4	2.[illegible]	.4							6.7	9.6
NW	.3	.6	2.6	2.9	.7							7.1	10.8
NNW			.6	1.3	.3							2.1	12.6
VARBL	.8	.3	.4									1.5	4.7
CALM												10.7	
	17.9	23.3	35.4	17.2	2.4	.1						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 717



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

4271 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.6	.4									1.0	6.6
NNE	1.2	2.5	1.2	.4								5.4	6.0
NE	1.9	5.3	9.6	1.0								17.8	7.1
ENE	2.5	6.2	8.7	1.9	.1							19.6	7.1
E	.4	2.5	4.[illegible]	2.5	.1							9.6	8.7
ESE	.1	.1	.1	.1	.1							.7	9.2
SE		.1		.1								.3	9.5
SSE	.4	.4	.3	.1								1.2	5.7
S	.6	.1		.3	.1							1.1	7.0
SSW	.3	.1	.1									.6	3.8
SW	.6	.4	.6	.1	.1							1.8	6.2
WSW	1.0	1.7	1.9	.4	.1	.3						5.4	7.5
W	1.5	2.4	3.5	1.4	.1							8.9	7.1
WNW	.6	1.4	2.1	1.4	.3							5.7	8.9
NW	.4	.4	1.7	1.0		.3						3.7	9.7
NNW	.1	.4	.3	.1								1.0	6.7
VARBL	1.5	.1										1.7	2.1
CALM												14.6	
	13.2	24.9	34.6	11.0	1.2	.6						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 720

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)

42310 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

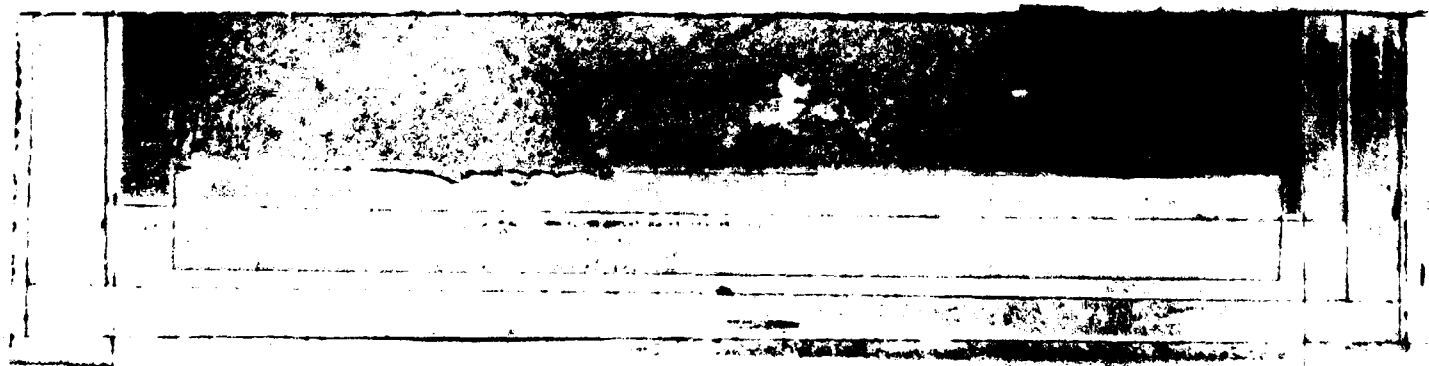
0600-0800 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.3										.4	4.3
NNE	.8	.4	.6	.4								2.2	6.4
NE	.7	3.4	3.8	.7								8.5	7.0
ENE	2.7	5.2	8.1	2.1	.1							18.2	7.4
E	1.3	4.6	8.8	4.5	.1	.1						19.4	8.6
ESE	.6	.7	1.[illegible]	.3								2.5	6.8
SE	.1	.1	.3									.6	6.5
SSE	.4	.4	.3	.4								1.5	7.8
S	.7	.8	.1									1.7	4.2
SSW	.8	.6	.1	.1	.1							1.8	5.8
SW	2.8	2.[illegible]	1.4	.4								6.6	5.0
WSW	2.3	3.4	5.9	1.3	.1							13.1	6.9
W	.7	2.7	3.6	2.[illegible]	.1	.1						9.2	8.4
WNW		.4	.4	.7								1.5	9.5
NW		.1	.7	.4								1.3	9.2
NNW	.3		.1									.4	4.3
VARBL	1.1	.7										1.8	3.0
CALM												9.1	
	15.7	25.7	35.2	13.3	.7	.3						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 715

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)

4231 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE	.1	.4	.1	.1								.9	6.3
NE	.6	1.6	1.3	.6								4.1	6.8
ENE	1.6	4.1	5.5	1.1								12.2	6.9
E	1.1	4.6	5.2	4.6	.9							16.4	9.0
ESE	.9	.6	.6	.7								2.7	6.8
SE	.6	.1	.7	1.1	.1							2.7	9.7
SSE	.9	.7	.7	.3	.1							2.7	6.4
S	1.4	2.2	1.3	.3								5.2	5.9
SSW	1.7	.9	.6	.4		.1	.1					3.9	7.1
SW	1.9	3.6	2.0	.4	.1	.3						8.3	6.7
WSW	2.3	4.3	8.2	3.3	.4							18.5	7.9
W	.4	2.4	3.6	2.0	.9	.1						9.5	9.5
WNW	.1	.1	.4	.1								.9	7.8
NW		.1	.1	.1								.4	9.3
NNW		.1	.1									.3	7.0
VARBL	3.6	1.3	1.1									6.0	3.7
CALM												5.5	
	17.2	27.1	31.6	15.4	2.6	.6	.1					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 697

USAFETAC FORM AIR 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)

-231 SONDRESTROM GL 74-82 JUN
STATION STATION NAME YEARS 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	7.0
NNE	.1	.4	.7	.3								1.5	7.5
NE	.7	.7	.4	.7								2.5	7.2
ENE	1.1	1.7	4.1	1.3								8.2	7.7
E	1.1	3.5	5.9	3.5	.7							14.8	9.0
ESE	.7	1.7	.8	.8	.6							3.4	10.3
SE	.4	.7	1.4	.1								2.7	6.7
SSE	.4	1.7	.8	.3	.3							2.8	8.0
S	.7	2.1	2.5	.8	.1							6.3	7.5
SSW	1.3	1.4	1.1	.3		.3						4.4	6.7
SW	1.3	2.5	3.5	2.7	.6	.7						10.5	9.4
WSW	.9	3.8	8.7	4.9	1.8							20.1	9.8
W	.3	.3	3.9	5.1	1.7	.1						10.7	11.9
WNW			.3	.3	.1							.7	13.4
NW			.3	.6								.8	11.5
NNW	.1		.3									.4	6.7
VARBL	4.2	2.1	.3	.1								6.8	3.5
CALM												3.2	
	12.8	21.2	35.3	21.1	5.2	1.1						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 711

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

042310	SONDRESTROM GL	74-82	JUN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

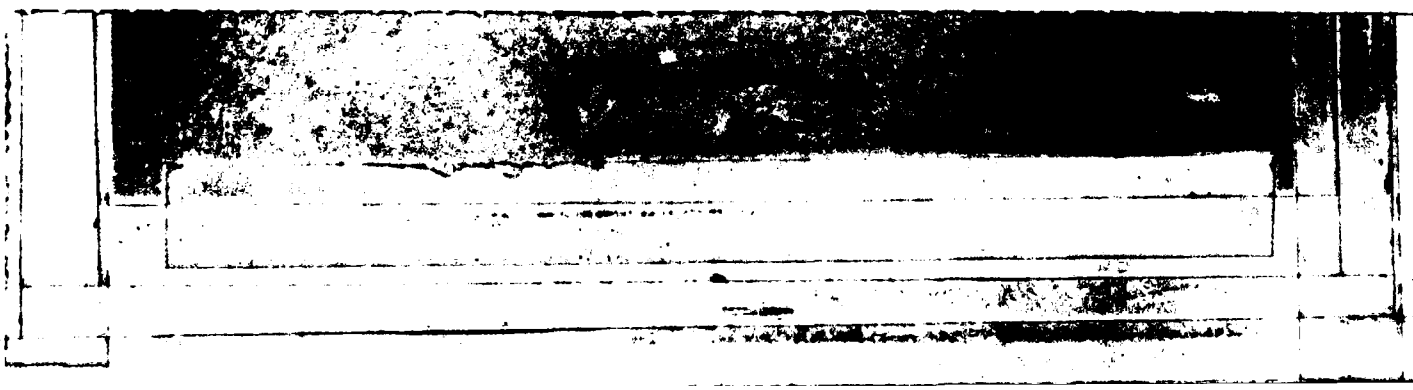
1500-1700 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N			.3	.1								.4	10.0
NNE	.3	.6	.4	.4								1.7	7.6
NE	.6	.9	1.9	.9								4.2	8.2
ENE	.1	1.6	3.[illegible]	1.7	.4							6.9	9.3
E		[illegible].3	5.6	4.1	1.4							13.5	10.6
ESE		.6	2.5	2.7		.1						5.9	10.7
SE	.3	.6	.1	.[illegible]	.4	.1						1.7	10.8
SSE	.[illegible]	.3	.9	.9	.1							2.5	9.4
S	.3	1.6	.[illegible]	.9	.4	.1						4.1	9.5
SSW	.9	.9		.7	.7							3.2	9.5
SW	1.7	1.4	2.3	2.[illegible]	.6	.7						8.8	9.7
WSW	.4	2.7	7.7	8.[illegible]	2.[illegible]	.4						21.3	11.1
W	.7	1.[illegible]	4.3	8.4	1.9							16.4	12.0
WNW			.1	.9	.3	.1						1.4	14.9
NW			.1	.7								.9	13.3
NNW													
VARBL	1.6	1.9	.6									4.1	9.2
CALM												3.0	
	7.2	16.4	30.7	32.6	8.4	1.7						100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 691

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)

(271) SONDRESTROM GL 74-82 JUN

STATION STATION NAME YEARS MONTH

ALL WEATHER 1800-2000

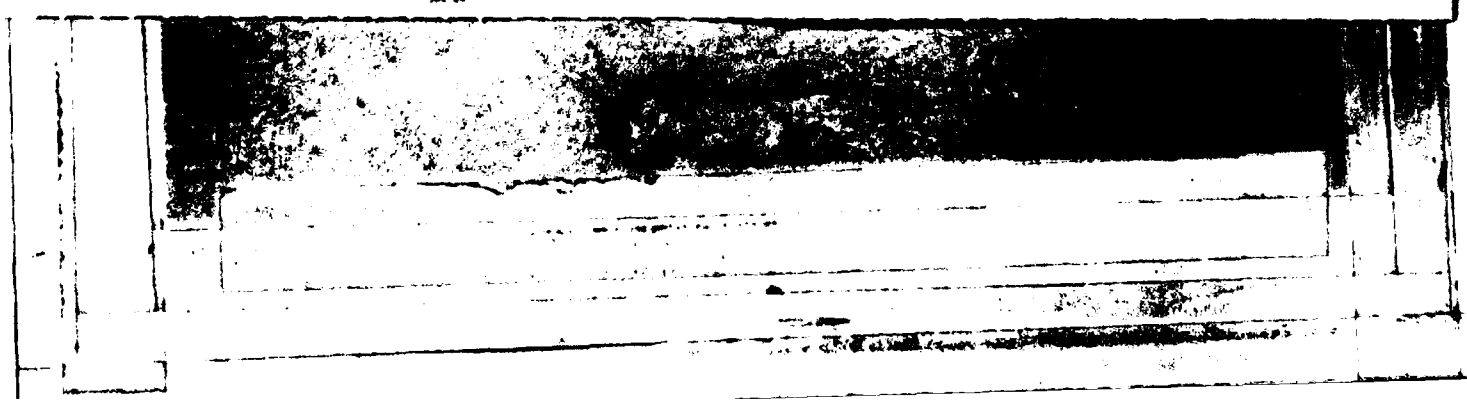
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.6	.8	.7	.1							2.4	9.7
NNE		.8	.8	1.3								3.0	9.8
NE	.3	2.3	3.2	2.3								8.0	8.6
ENE	.1	2.5	6.3	3.7								12.4	9.3
E	.6	2.7	7.5	7.9	1.3							19.8	10.4
ESE	.1	.1	.6	1.4								2.3	11.3
SE			.3	.3								.6	10.3
SSE	.1	.1	.4	.7								1.4	9.7
S	.6	.3	.1	.7	.4							2.1	9.5
SSW		.1	.1	.7	.3							1.3	13.6
SW	.3	.9	.8	1.5	.3	.3						4.1	11.3
WSW	.8	1.4	4.1	5.6	1.7	.3						13.9	11.5
W	.7	1.5	4.5	7.9	2.3	.1						17.0	11.8
WNW		.1	.4	2.5	.6	.3						3.9	13.7
NW		.3	.8	1.4	.7	.3						3.5	14.0
NNW	.3		.1	.3	.3							1.0	11.7
VARBL	1.4		.1									1.5	2.6
CALM												1.8	
	5.5	13.8	30.9	38.8	7.9	1.3						100.0	10.5

TOTAL NUMBER OF OBSERVATIONS 711

USAFETAC FORM AIR 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)

4231 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) JUN (MONTH)

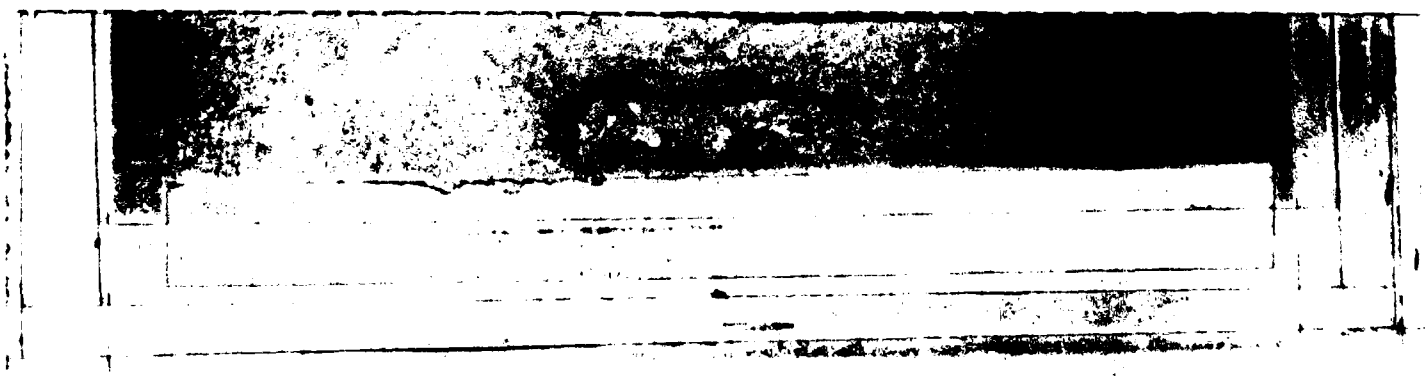
ALL WEATHER (CLASS) 2100-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.6	.6	1.0								2.5	6.4
NNE	.4	1.0	1.4	1.0	.4	.1						4.4	9.7
NE	.8	4.8	6.7	2.0	.3							14.6	7.9
ENE	.6	5.1	9.2	1.8	.4							17.1	8.0
E	.3	1.8	4.0	2.5	.1							8.8	9.3
ESE		.3	.4	.4								1.1	9.6
SE			.6									.6	8.5
SSE	.1		.3		.1							.6	8.8
S		.3	.1	.8								1.3	11.2
SSW	.1			.4	.1	.3						1.0	15.4
SW	.4	.6	.8	1.1	.4	.1						3.5	10.8
WSW	1.0	2.0	2.5	2.8	.3							8.6	8.9
W	1.4	1.4	3.7	5.2	1.0	.3						13.0	10.6
WNW	.3	.7	1.7	2.5	.7	.3						6.2	11.5
NW		.7	1.7	4.1	1.3	.3						8.1	12.8
NNW	.3	.4	1.4	1.3	.1							3.5	9.9
VARBL	.4	.7	.1									1.3	4.8
CALM												3.7	
	6.7	20.4	35.3	27.2	5.4	1.4						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 706

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)

BSTATION: [illegible] | STATION NAME: SONDRESTROM GL | YEARS: 74-82 | MONTH: JUN

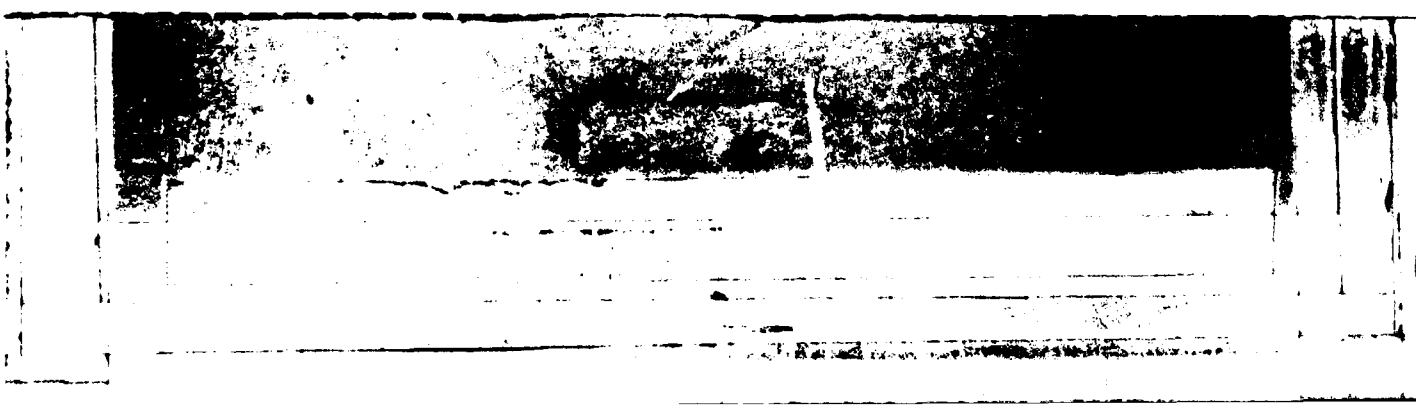
CLASS: ALL WEATHER | HOURS (L.S.T.): ALL

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.3	.3	.2	.0							1.0	8.1
NNE	.5	1.2	.8	.5	.1	.0						3.1	7.2
NE	.0	3.1	4.4	1.1	.0							9.5	7.4
ENE	1.4	3.9	6.5	1.9	.9							13.9	7.7
E	.7	3.1	5.7	4.1	.6	.0						14.1	9.3
ESE	.3	.5	.8	.8	.1	.0						2.5	9.4
SE	.3	.2	.4	.2	.1	.0						1.1	8.8
SSE	.3	.4	.5	.3	.1							1.6	7.8
S	.6	.9	.7	.6	.2	.0						3.0	8.1
SSW	.5	.5	.3	.4	.2	.1	.0					2.0	8.2
SW	1.2	1.4	1.5	1.0	.3	.3						5.6	8.4
WSW	1.3	2.5	5.2	3.4	.8	.1						13.4	9.3
W	.9	1.8	3.9	4.3	.9	.1						11.8	10.3
WNW	.3	.5	1.0	1.3	.3	.1						3.4	10.8
NW	.1	.3	1.0	1.4	.3	.1						3.2	11.7
NNW	.1	.1	.4	.4	.1							1.1	9.9
VARBL	1.8	.9	.3	.0								3.1	3.6
CALM												6.5	
	11.2	21.6	33.6	22.0	4.2	.9	.0					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 5668

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)

4271 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 000-0200 (HOURS (L S T))

(CONDITION)

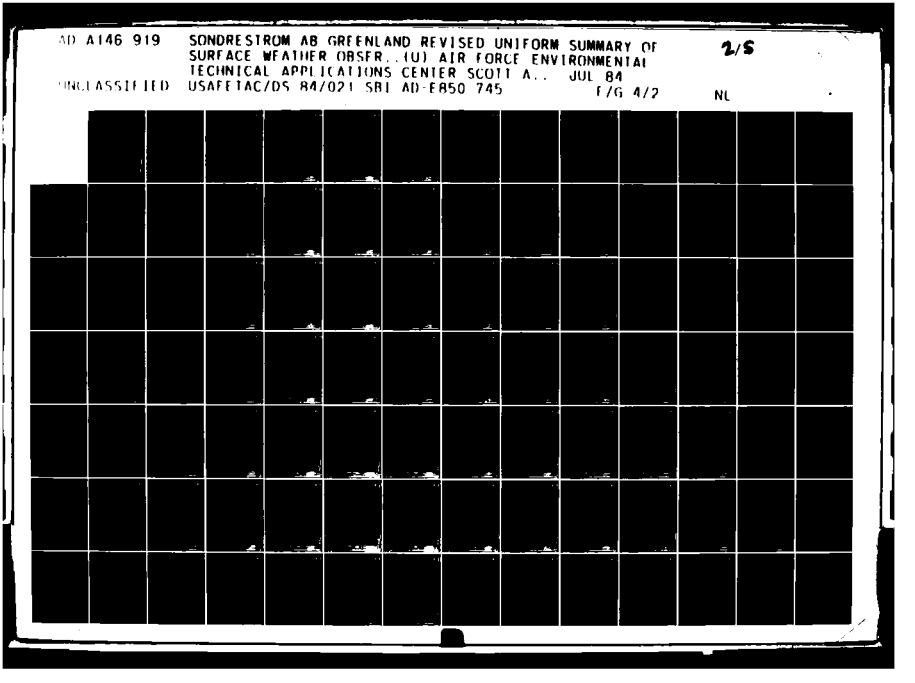
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.1		.1								.2	10.0
NNE	1.1	5.1	2.4									8.4	5.5
NE	2.4	8.1	10.0	1.3								22.1	6.7
ENE	3.1	6.2	13.3	7.1								30.8	8.3
E	1.3	2.3	6.1	4.4	.3							14.9	8.9
ESE			.1	.4								.7	11.2
SE				.1								.2	13.5
SSE													
S	.3			.4								.7	8.8
SSW		.1	.1									.4	7.0
SW	.1	.1	.1	.1								.5	5.1
WSW	.1	.2	.1	.1								2.8	7.4
W		.3	1.6	1.1								4.0	10.1
WNW	.1	.1	.2	.4								1.0	8.2
NW	.1	.1	.3	1.2								2.3	9.8
NNW	.1		.2	.2	.1							.2	10.4
VARBL	.2	.1	.1									1.5	3.5
CALM												4.5	
	11.2	27.5	36.7	19.8	.4							100.0	7.5

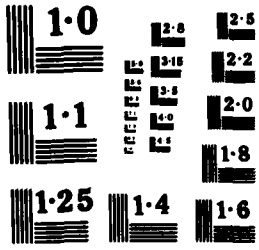
TOTAL NUMBER OF OBSERVATIONS 743

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

AD A146 919 SONDRESTROM AB GREENLAND REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSER..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. JUL 84

UNCLASSIFIED USAFETAC/DS-84/021 SBI-AD-E850 745 F/G 4/2 NL




1·0
1·1
1·25
1·4
2·8
3·15
2·5
2·2
2·0
1·8
1·6

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

42312 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.1										.1	5.0
NNE	1.4	4.9	1.8									8.1	5.2
NE	4.3	12.9	11.8	1.2								30.3	6.2
ENE	2.5	6.5	13.2	6.2								28.5	8.0
E	.8	3.1	4.4	4.4								12.8	8.7
ESE	.1	.1	.3	.6								1.1	10.4
SE	.1											.1	2.0
SSE			.3									.3	9.5
S			.1									.1	8.0
SSW	.1		.1	.1	.1							.6	10.8
SW	.1	.8	.4									1.4	5.9
WSW	.3	.6	.3									1.1	4.9
W		.6	1.9	.8	.1							3.5	9.3
WNW	.1		.7	.7								1.5	10.1
NW	.1	.1	.4	.1	.1							1.0	9.7
NNW			.4	.8								.8	11.3
VARBL	.7	.6	.3									1.5	4.2
CALM												7.2	
	11.8	30.3	36.5	14.7	.4							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

4231 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.1										.1	4.0
NNE	.8	2.0	.1									2.9	4.3
NE	3.7	7.3	5.1	1.2								17.4	6.0
ENE	3.3	8.8	15.9	4.4	.1							32.6	7.6
E	1.5	4.3	11.1	5.7	.1							22.7	8.6
ESE		.5	.1	.3								.9	7.4
SE	.1		.1	.1	.1	.1						.7	13.4
SSE	.1	.3	.3	.3								.9	8.4
S	.3	.1	.3									.7	5.4
SSW	.1	.3	.8									1.2	7.6
SW	.8	.4	.7	.1	.1							2.1	6.7
WSW	1.2	.8	1.7	.3								4.0	6.0
W	.3	.8	1.7	.9								3.7	8.2
WNW			.4	.4								.8	10.2
NW			.5	.4								.9	10.7
NNW			.3									.3	9.5
VARBL	.1	.3	.1	.1								1.6	3.8
CALM												6.4	
	13.4	26.0	39.3	14.3	.5	.1						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 749

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

42317 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.1	.1									.3	7.0
NNE	.3	.7	.1									1.1	5.5
NE	1.4	2.5	1.9	.7	.1							6.6	6.5
ENE	1.4	7.8	10.4	4.7	.1							24.4	8.0
E	1.4	5.2	11.1	8.1	.4							26.1	9.2
ESE	.5	.7	1.2	.3								2.7	6.9
SE	.3	.1	.4	.4		.1						1.4	10.1
SSE	.5	.3	.5		.1							1.5	6.5
S	1.6	.8	.3	.1		.1						3.0	4.5
SSW	.8	1.0	.3	.1								2.2	5.0
SW	1.8	3.1	1.0	.4								6.3	5.2
WSW	.7	1.8	5.1	1.4								8.9	8.0
W	.5	1.1	2.3	2.3	.1							6.4	9.2
WNW		.1	.3	.1								.5	9.8
NW	.1	.1	.3	.1								.7	8.6
NNW		.1										.1	6.0
VARBL	1.9	1.0										2.9	3.3
CALM												4.9	
	13.3	26.5	35.3	18.7	1.0	.3						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 731

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)

4231 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) IIII (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOUR (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N			.4									.4	8.0
NNE		.3	.3	.3								.8	9.0
NE	.8	1.3	1.3	.8	.1							4.3	7.8
ENE	1.4	3.6	6.1	4.2	.8							16.1	8.8
E	1.1	3.6	9.5	9.3	.7							24.1	10.0
ESE	.4	1.6	2.2	1.2	.1							5.5	8.5
SE	.7	.7	.3	.5	.1							2.2	7.2
SSE	.4	1.4	.1	.4	.1							2.5	6.6
S	.7	1.1	.7	.3	.1							2.8	6.2
SSW	.9	1.7	.5									3.2	4.8
SW	1.6	5.1	2.4	.8								9.9	6.0
WSW	1.1	2.6	5.0	3.3	.1							12.1	8.6
W	.1	1.2	2.5	3.8	1.1							8.7	11.2
WNW			.1	.1								.3	9.5
NW			.3	.1								.4	10.0
NNW				.1								.1	12.0
VARBL	1.1	1.2	1.3	.1								3.7	5.6
CALM												3.0	
	10.1	25.3	32.9	25.4	3.3							100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 769

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

42313 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (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		.1	.4									.5	8.3
NNE			.5	.3								.8	10.5
NE	.4	1.0	1.6	.4	.3							3.7	8.9
ENE	.5	1.8	5.6	5.2	1.0							14.0	10.2
E	1.0	3.0	12.5	12.5	1.1							30.1	10.3
ESE		.5	2.3	2.7								5.6	10.7
SE		.4	.5	.5	.5	.1						2.2	12.3
SSE	.1	.5	.3	.3								1.2	7.6
S	1.0	1.0	.7	.8								3.4	7.3
SSW	1.1	1.4		.1	.1							2.7	5.1
SW	1.2	1.9	1.8	.1								5.0	6.0
WSW	1.4	3.3	4.8	3.0	.8	.1						13.3	9.0
W	.3	.5	2.9	4.6	1.1	.3						9.7	12.0
WNW	.1		.1	.3	.1							.7	10.6
NW		.1	.1	.3	.1	.4						1.1	16.5
NNW	.3	.1	.1	.1		.1						.8	9.3
VARBL	1.6	.5	.4	.3	.1							3.0	5.5
CALM												2.2	
	9.0	16.2	34.7	31.6	5.3	1.1						100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 735

USAFETAC FORM 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)

42310 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N			.4	.3	.4							1.0	14.1
NNE	.1	.1	1.0	.4								1.6	9.8
NE	.7	1.4	5.2	3.4	.1	.1						10.9	9.5
ENE	.4	2.6	11.4	10.9	.3							25.5	10.2
E	.7	2.1	9.4	9.5	.3							21.9	10.1
ESE	.1	.1	1.5	1.1								2.9	10.1
SE	.1	.4	.3	.3	1.0							2.0	12.6
SSE		.1	.3	.3								.7	8.4
S	.1											.1	2.0
SSW	.4	1.1	.3									1.6	4.6
SW	.3	1.6	1.2	.5	.3							3.7	8.0
WSW	1.2	2.1	2.2	3.1	1.0	.1						9.6	9.6
W	.4	1.5	3.3	2.9	.5							8.6	9.7
WNW		.4	.3	1.2	.3							1.9	11.1
NW		.4	.8	.5	1.1							2.9	12.9
NNW				.4	.3							.7	14.8
VARBL	1.4	.5	.1									2.0	3.0
CALM												2.4	
	6.7	14.3	37.1	34.5	5.8	.3						100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 736

USAFETAC FORM AIR 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)

42315 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.5	.3	.5								1.3	9.7
NNE	1.2	2.0	2.8	.5								6.5	6.7
NE	2.9	6.7	8.4	2.8	.1							21.0	7.1
ENE	1.5	4.1	14.3	9.6	.3							29.6	9.5
E	.8	1.7	6.9	6.3	.1							15.9	9.9
ESE	.1	.4	.3	.3	.1							1.2	9.0
SE	.1		.1	.1								.4	8.7
SSE		.1										.1	4.0
S				.4								.4	15.0
SSW			.1		.4							.5	17.5
SW	.4	.1	.3	.3		.1						1.2	8.7
WSW	.1	.2	1.7	1.2								3.6	9.5
W	.5	.9	2.4	1.5								5.3	8.6
WNW	.1	.3	1.3	1.1	.1							2.9	10.6
NW		.1	.9	1.3	.4							2.8	12.6
NNW		.1	.5	1.3	.1							2.3	11.5
VARBL	.9	.8	.3									2.0	4.3
CALM												2.9	
	8.8	18.6	40.7	27.2	1.7	.1						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 749

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

42310 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) ALL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.3	.2	.1	.1							.5	9.9
NNE	.6	1.9	1.1	.2								3.9	6.0
NE	2.1	5.1	5.6	1.5	.1	.0						14.5	6.9
ENE	1.8	5.2	11.3	6.6	.3							25.2	8.7
E	1.1	3.2	8.9	7.5	.4							21.1	9.6
ESE	.?	.5	1.?	.8	.0							2.6	9.3
SE	.?	.2	.2	.3	.2	.1						1.2	10.6
SSE	.2	.4	.2	.2	.0							.9	7.2
S	.5	.4	.3	.3	.0	.0						1.4	6.5
SSW	.4	.7	.3	.1	.1							1.6	6.0
SW	.8	1.7	.9	.3	.1	.0						3.8	6.2
WSW	.9	1.6	2.7	1.6	.2	.0						7.0	8.5
W	.3	.9	2.3	2.3	.4	.0						6.3	10.1
WNW	.1	.1	.5	.5	.1							1.3	10.1
NW	.1	.2	.5	.5	.2	.1						1.5	11.8
NNW	.1	.1	.3	.4	.1	.0						.9	11.1
VARBL	1.2	.7	.3	.1	.0							2.3	4.3
CALM												4.2	
	10.3	23.1	36.7	23.3	2.3	.2						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 5923

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)

42310 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (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	.5	.5	.1	.1							1.5	8.0
NNE	2.0	4.1	2.7	.5								9.3	5.8
NE	5.7	8.9	8.8	1.9								25.3	6.1
ENE	1.2	8.6	8.4	5.3		.1						23.7	7.9
E	1.2	4.0	4.8	6.9	.1							17.0	9.1
ESE			.1	.1								.3	10.0
SE		.4		.1								.5	7.3
SSE			.1									.1	8.0
S	.1			.1								.3	8.0
SSW		.1	.1		.1							.4	10.7
SW	.1	.3	.1		.1							.7	7.4
WSW	.8	.7	.3	.7	.3	.1						2.9	8.9
W	.3	.9	1.9	1.7	.1							4.9	9.8
WNW		.1	1.2	.4								1.7	10.0
NW		.3	1.2	.7	.4	.1						2.7	12.5
NNW		.4	.4	.5	.1							1.5	10.1
VARBL	.7	.7	.1									1.5	3.5
CALM												6.0	
	12.2	30.1	30.7	19.1	1.5	.4						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 752

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] (STATION) SONDRESTROM GL (STATION NAME) 74-82 (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	.[illegible]	1.1	.1	.4								1.[illegible]	7.6
NNE	1.5	4.5	2.2	.4								9.[illegible]	5.5
NE	4.9	10.6	9.2	2.0								26.6	6.3
ENE	2.9	7.9	11.9	4.7	.1							27.6	7.7
E	1.8	2.5	5.8	5.[illegible]								15.2	8.5
ESE		.3	.1	.3								.7	9.2
SE				.1								.1	12.0
SSE		.[illegible]										.3	4.0
S		.[illegible]		.4								.7	9.8
SSW	.1	.1	.1									.4	5.3
SW		.7	.3									.9	5.4
WSW	.3	.7	.9	.5	.1							2.5	8.5
W	.5	.9	1.2	.5	.1							3.3	7.9
WNW	.1	.1	.7	.1	.4							1.5	10.9
NW	.[illegible]	.1	.3	.8	.1							1.5	11.1
NNW	.[illegible]	.1	.4		.1							.8	8.7
VARBL	.7	.5	.1									1.3	3.6
CALM												6.1	
	13.6	30.6	33.4	15.3	1.1							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 758

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

42314 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (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	.4	.3								.8	9.5
NNE	1.7	3.6	1.5	.3								7.1	5.3
NE	4.8	7.2	7.2	1.1								20.3	6.0
ENE	3.5	8.7	11.8	4.3	.4							28.6	7.5
E	2.4	4.3	10.3	5.0	.1							22.1	8.3
ESE		.1	.5	.1								.8	8.5
SE		.3	.1									.4	6.3
SSE		.4	.1									.5	6.8
S	.1	.1	.1	.1								.5	7.5
SSW	.3	.1		.4								.8	8.2
SW	.7	.8	.3	.1								1.9	5.0
WSW	.4	1.3	1.2									2.9	6.0
W	.4	.8	1.3	.9								3.5	8.2
WNW		.1	.4	.3								.8	9.7
NW		.1	.3									.4	8.0
NNW			.1	.1								.3	9.5
VARBL		.4										.4	5.0
CALM												7.8	
	14.3	28.6	35.7	13.0	.5							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 744

USAFETAC FORM 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)

1271 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 0930-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.1	.3	.1								.7	8.2
NNE		1.0	.7	.1								1.8	7.2
NE	1.2	2.5	2.6	1.4								7.6	7.0
ENE	2.7	5.6	7.4	2.7	.1							17.9	7.5
E	1.8	8.2	14.1	5.5	.3							28.9	8.2
ESE	.7	.5	1.8	.3								2.9	8.0
SE	.1	.4	.3	.5								1.4	9.0
SSE	.4	.3		.3	.1							1.1	7.1
S	1.1	.1	.3									1.5	3.7
SSW	1.5	1.2	.1	.1								3.0	4.1
SW	2.6	2.3	1.6	.5	.3							7.4	5.9
WSW	2.3	2.5	4.3	1.1								9.5	6.9
W	.5	1.1	1.1	1.1								3.8	8.0
WNW		.1		.3	.1							.5	13.5
NW				.3								.3	13.0
NNW		.1										.1	5.0
VARBL	1.5	.5	.1									2.2	3.1
CALM												9.4	
	14.5	26.6	34.2	14.3	1.0							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 733

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

42310 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (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		.1	.1	.1								.4	9.3
NNE	.1	.1	.1									.4	5.7
NE	.4	.8	.8	1.1								3.1	8.4
ENE	.7	2.8	4.6	1.7	.1	.1	.1					10.2	8.4
E	.9	6.2	9.8	6.8	.3	.1						24.0	9.1
ESE	.3	.9	3.2	.4								4.8	8.2
SE	.5	.8	.8	.8								2.9	7.4
SSE	.3	.7	.7	.1								2.3	5.5
S	2.4	1.2	.5	.3								4.4	4.3
SSW	1.9	1.5	.4	.4	.1							4.3	5.6
SW	2.9	5.4	2.4	.7	.1							11.4	5.6
WSW	.8	3.1	5.^	2.7	.1							11.7	8.4
W	.9	.7	4.^	3.2	.3							8.7	10.2
WNW	.1			.*								.3	9.0
NW													
NNW		.1										.1	4.0
VARBL	2.3	2.9	.5									5.9	4.1
CALM												5.2	
	14.5	27.3	33.0	18.5	1.1	.3	.1					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 746

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

42310 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.3	.3	.1								.7	8.2
NNE		.3	.7									1.0	12.1
NE	.7	1.4	2.3	.1								4.5	7.1
ENE	.3	2.7	6.5	3.5	.7	.4						14.2	9.7
E	.5	3.4	11.7	6.8	.7							23.2	9.8
ESE		.7	3.3	2.0	.5							6.5	10.4
SE	.1	.4	.7	.7								1.9	9.2
SSE	.4	.3	.4	.3								1.4	7.1
S	.7	.4	.8	.1								1.6	6.0
SSW	1.2	1.1	.3	.5								3.0	6.0
SW	1.8	2.7	3.3	1.0	.1	.1						9.0	7.0
WSW	.5	2.7	5.6	3.7	.3							12.8	9.1
W	.4	1.4	5.0	3.8	.8	.1						11.6	10.6
WNW	.3		.1	.4	.8							1.6	14.3
NW		.1		.1	.1							.4	13.0
NNW		.1		.1								.3	7.5
VARBL	1.1	1.1	.8									2.9	4.8
CALM												3.4	
	8.0	18.6	41.1	24.1	4.1	.7						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 733

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

02310	SONDRESTROM GL	74-82	AUG
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.7	.3	.8								1.9	8.9
NNE	.1	.3	2.4	.4	.1							3.3	9.1
NE	1.5	3.5	4.9	2.8	.1	.1						12.9	8.2
ENE	1.5	4.8	12.4	4.7	.3	.1						23.7	8.7
E	.7	1.7	7.6	7.2	.3							17.4	10.1
ESE	.3		1.3	.4								2.0	8.9
SE		.1	.4	.5	.3							1.3	11.8
SSE	.1	.1	.1	.3								.7	8.2
S	.1	.1										.3	3.5
SSW	.4	.4		.3								1.1	6.1
SW	.5	1.3	1.1	.4	.3	.1						3.7	8.4
WSW	.9	2.1	2.9	.9								6.9	7.3
W	1.2	1.1	3.3	4.8	.5	.1						11.0	10.1
WNW	.1	.3	.8	.9	.5							2.7	12.2
NW				.9	.4	.1						1.5	16.2
NNW		.1	.5	.5								1.2	10.3
VARBL	1.1	.3	.1									1.7	2.8
CALM												6.9	
	8.9	16.8	38.2	25.8	2.8	.7						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 752

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

0231 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.8	.8	.5								2.3	7.7
NNE	1.6	3.4	1.9	.4								7.3	5.7
NE	3.6	7.0	8.7	2.2								21.5	6.8
ENE	1.3	6.6	12.7	4.0	.3	.3						24.5	8.3
E	.9	2.8	9.7	5.0	.1							17.9	9.0
ESE	.1	.1	.5	.1								.9	8.3
SE		.1	.1									.3	6.5
SSE													
S						.3						.3	23.0
SSW		.1		.1								.3	10.5
SW	.7	.5	.1	.3								1.6	5.5
WSW	.3	.5	.9	.8	.1							2.7	9.6
W	.4	.7	2.8	1.6	.1							5.7	9.5
WNW	.1	.1	.8	1.9	.1							3.1	11.6
NW		.4	.5	1.5	.3							2.7	12.0
NNW			.3	.7								.9	11.4
VARBL	.9	.5	.1									1.6	3.3
CALM												6.5	
	10.2	23.8	38.8	19.1	1.1	.5						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 793

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

42310 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (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	.5	.4	.3	.0							1.2	8.2
NNE	.9	2.1	1.5	.4	.0							4.9	6.1
NE	2.9	5.2	5.6	1.6	.0	.0						15.3	6.6
ENE	1.7	6.3	9.4	3.9	.3	.1	.0					21.3	8.1
E	1.2	4.1	9.1	6.0	.2	.0						20.7	9.0
ESE	.1	.3	1.4	.5	.1							2.3	9.1
SE	.1	.3	.3	.4	.0							1.1	8.7
SSE	.2	.3	.2	.1	.0							.8	6.5
S	.6	.3	.2	.1		.0						1.2	5.7
SSW	.7	.6	.1	.2	.0							1.6	5.8
SW	1.1	1.7	1.1	.4	.1	.0						4.5	6.3
WSW	.8	1.7	2.6	1.3	.1	.0						6.4	8.1
W	.5	.9	2.6	2.2	.3	.0						6.6	9.7
WNW	.1	.1	.5	.6	.3							1.5	11.7
NW	.0	.1	.3	.5	.2	.0						1.2	12.5
NNW	.0	.1	.2	.3	.0							.7	9.7
VARBL	1.1	.9	.3									2.2	3.8
CALM												6.4	
	12.0	25.3	35.6	18.7	1.6	.3	.0					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 5964

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

42312 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.7	.6	.6								2.2	8.1
NNE	1.1	2.5	2.0	.6								6.1	6.3
NE	3.9	9.5	9.8	2.0								25.1	6.7
ENE	2.8	7.1	15.1	5.3	.1	.1						30.5	8.0
E	.3	3.2	7.?	3.9	.4	.1						14.9	9.4
ESE			.1		.1							.3	15.5
SE	.3	.1	.1									.6	4.5
SSE			.1	.1								.3	11.0
S			.1	.3		.1						.6	13.8
SSW		.3										.3	5.5
SW	.1	.1	.4	.1								.8	7.2
WSW	.4	.4	.6	.1								1.5	6.6
W	.4	1.3	1.7	.6	.1							4.0	7.7
WNW			.4	.3								.7	11.4
NW	.1	.1	.6	.4								1.3	8.7
NNW	.3	.3	.4	.1								1.1	6.4
VARBL	1.1	.7	.1									2.0	3.6
CALM												7.9	
	11.0	26.4	39.1	14.4	.8	.4						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 717

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)

42310 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (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	.4	.4	.3	.3								1.4	6.6
NNE	1.4	2.5	1.6	.1								5.6	5.4
NE	3.7	9.9	11.1	1.9								26.0	6.8
ENE	2.7	9.1	15.9	5.4								33.1	7.7
E	.8	1.6	5.2	3.6	.1							11.4	9.3
ESE		.1	.1	.7								1.0	11.6
SE		.1										.1	4.0
SSE				.1								.1	15.0
S			.1	.1	.5							.8	16.8
SSW				.1	.1							.3	15.0
SW		.3	.4	.1								.8	7.3
WSW	.4	.5	.4	.1								1.5	5.5
W	.5	1.1	.7	.3								2.6	5.8
WNW	.1	.3	1.0									1.4	7.1
NW	.1	.5	.4	.1	.1							1.4	8.0
NNW	.1	.1										.4	4.0
VARBL	.5	.3	.1									1.0	3.9
CALM												11.1	
	10.4	26.9	37.5	13.0	1.0							100.0	.7

TOTAL NUMBER OF OBSERVATIONS 728

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

04231 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (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	.4	.1	.1								.8	6.2
NNE	1.2	3.3	.7									5.2	4.8
NE	5.3	12.4	7.7	1.5								26.9	5.9
ENE	2.5	9.8	15.4	3.8	.1							31.7	7.5
E	.7	2.7	7.2	3.6	.3							14.5	9.0
ESE	.1	.3	.1									.5	5.0
SE		.1	.1									.3	6.5
SSE				.3								.3	12.0
S			.1		.1							.3	13.5
SSW		.3	.1									.4	6.3
SW		.4	.4	.1		.3	.1					1.4	13.5
WSW	.7	1.8	.7	.1								3.3	5.8
W	1.1	.5	1.1									2.7	5.3
WNW		.4	.4	.1								1.0	7.7
NW		.1		.3								.4	10.0
NNW	.1											.1	2.0
VARBL	.7											.7	2.2
CALM												9.6	
	12.6	32.7	34.3	10.0	.5	.3	.1					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 732

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)

42313 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (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	.1		.3									.4	6.0
NNE	.3	1.4	.6	.1								2.4	6.3
NE	2.7	5.0	2.7	1.3								11.6	6.1
ENE	4.1	8.8	11.2	1.3	.1							24.5	6.5
E	1.1	6.7	13.0	4.5								24.7	8.3
ESE	.3	.7	.8									1.8	6.0
SE	.4		.3	.3								1.0	7.1
SSE	.3	.3	.3	.1								1.0	7.0
S	.1	.3	.3	.3	.1							1.1	9.3
SSW	.6	.6										1.1	3.3
SW	1.3	1.1	1.3	.8	.1	.1						5.0	7.2
WSW	1.1	.7	2.7	.6								4.9	7.3
W	.4	1.4	1.1	.8								3.9	7.3
WNW		.1		.1	.1							.4	11.7
NW		.1		.1		.1						.4	12.7
NNW			.1	.3								.4	12.3
VARBL	.7	1.3	.1									2.1	4.3
CALM												13.0	
	13.9	27.9	33.7	10.7	.6	.3						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 713

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

04231 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (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								.3	13.5
NNE	.1	.1	.3	.3								.9	8.3
NE	.7	1.5	2.9	1.1								6.3	7.9
ENE	.8	5.6	4.9	2.2								13.6	7.5
E	3.2	6.2	8.7	4.8								22.8	7.6
ESE		1.4	2.1	1.5	.1							5.0	9.5
SE		.1	.4	.6								1.1	10.6
SSE	.1	.1	.7	.4	.3							1.7	11.0
S	.9	1.0	.1	.1								2.1	4.6
SSW	1.7	.7		.3								2.7	4.0
SW	3.5	3.2	1.8	1.1								9.7	5.6
WSW	2.7	2.8	2.9	1.4								9.8	6.5
W	.1	1.4	2.8	1.1	.1							5.6	8.5
WNW	.1		.1									.3	4.3
NW		.1		.1	.1	.3						.7	16.6
NNW	.1	.1										.3	4.0
VARBL	2.8	1.3	.1									4.2	3.3
CALM												13.1	
	16.9	25.7	27.8	15.4	.7	.3						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 715

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)

42313 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (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	.1	.1		.1								.4	8.0
NNE	.3	.6	1.3	.4								2.5	8.0
NE	.1	1.6	3.0	1.6								6.2	8.7
ENE	1.7	4.7	5.4	1.6	.1							12.7	7.3
E	.7	6.8	8.6	4.1								20.2	8.1
ESE	.3	2.3	2.4	1.3	.1							6.4	8.2
SE	.1	.1	1.0	.3	.1							1.7	9.3
SSE	.1			.1								.3	8.0
S	.6	.3	.4		.1	.1						1.6	8.0
SSW	1.0	.6	.4	.6								2.5	6.6
SW	3.5	3.0	1.7	.6	.3	.1						9.2	5.9
WSW	3.3	4.1	2.5	2.0	.1							12.0	6.5
W	.4	2.4	4.5	1.6	.7							9.6	8.8
WNW		.1			.3	.1						.6	16.5
NW				.1								.1	15.0
NNW					.1							.1	18.0
VARBL	1.8	.6	.3									2.7	3.3
CALM												11.0	
	13.8	27.2	31.5	14.3	2.1	.4						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 707

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

42310 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (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	.3	.7	1.5	.6	.3							3.3	9.1
NNE	.7	2.2	1.0	.4	.1							4.4	6.8
NE	2.1	5.5	5.2	.8								13.6	6.3
ENE	2.8	6.3	12.0	2.1	.3							23.4	7.3
E	1.2	3.9	7.4	3.6	.3							16.4	8.4
ESE	.1		.7	.4								1.2	9.4
SE	.1	.1	.4	.7	.3							1.7	11.3
SSE													
S		.1	.1									.3	6.5
SSW		.1		.1	.1	.3						.8	15.3
SW	.4	1.1	1.0	.3								2.6	6.8
WSW	1.2	1.9	2.1	.8								6.1	6.9
W	.7	1.7	2.8	1.2								6.3	7.7
WNW	.3	.1	.1	.1	.1							1.0	10.4
NW		.6	.4	.8		.1						1.9	10.5
NNW		.4	.1	.4	.1							1.1	10.4
VARBL	.1	.1	.1									1.0	3.1
CALM												14.9	
	11.6	24.9	35.0	12.4	1.8	.4						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 726

USAFETAC FORM AA 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)

[4231?] (STATION) SONDRESTROM GL (STATION NAME) 74-82 (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	.3	.8	.1	.6	.1							1.9	8.6
NNE	1.5	2.2	1.0	.6								5.2	5.5
NE	3.0	9.9	8.7	1.0	.4	.1						23.2	6.6
ENE	3.5	8.4	13.3	3.0								28.2	7.3
E	.4	2.1	6.4	3.7	.3							12.8	9.4
ESE			.8	.1								1.0	10.0
SE			.4	.3								.7	11.6
SSE				.1								.1	16.0
S		.1	.1	.8								1.1	11.8
SSW	.1	.1		.1								.4	6.3
SW	.1	.3	.3	.4		.1						1.2	9.8
WSW	.3	1.1	1.1	.3	.1							2.9	7.8
W	.3	.8	1.2	.4	.1							2.9	8.5
WNW		.1	.4	.4	.3							1.2	12.1
NW	.1	.3	.7	1.0	.1							2.2	10.6
NNW	.1	.1	.4	.3								1.0	8.9
VARBL	.8	1.1	.1									1.9	4.1
CALM												11.9	
	10.6	27.5	35.1	13.1	1.5	.3						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 724

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)

"271 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.?	.4	.4	.3	.1							1.3	8.2
NNE	.8	1.9	1.?	.3	.?							4.1	6.?
NE	2.6	7.?	6.4	1.4	.1	.1						17.4	6.6
ENE	2.5	7.5	11.6	3.1	.?	.?						24.8	7.4
E	1.1	4.?	7.9	4.?	.?	.?						17.2	8.6
ESE	.1	.6	.9	.5	.1							2.1	8.7
SE	.?	.1	.3	.?	.1							.9	9.3
SSE	.1	.1	.1	.2	.?							.5	10.1
S	.?	.2	.2	.?	.1	.1						1.0	9.3
SSW	.4	.3	.1	.2	.?	.?						1.1	6.8
SW	1.1	1.2	.9	.5	.1	.1	.?					3.8	6.7
WSW	1.2	1.?	1.6	.7	.?							5.2	6.7
W	.5	1.3	2.?	.7	.1							4.7	7.8
WNW	.1	.2	.3	.1	.1	.?						.8	10.1
NW	.1	.2	.3	.4	.1	.1						1.1	10.5
NNW	.1	.1	.1	.1	.?							.6	8.3
VARBL	1.1	.6	.1									1.9	3.5
CALM												11.6	
	12.4	27.4	34.3	12.9	1.1	.3	.0					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 5762

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)

4231 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 2000-0200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.1	.5		.1	.1						.9	11.6
NNE	1.5	3.0	3.9	.1								8.5	6.2
NE	8.6	12.4	10.0	1.2	.1							32.4	5.7
ENE	3.2	17.9	13.2	1.6								29.0	6.6
E	.9	1.3	5.0	3.6	.1							11.1	9.3
ESE		.1	.5	.1	.1							.9	10.6
SE		.1	.4	.3	.1							.9	10.7
SSE				.3								.3	13.5
S		.3										.3	5.0
SSW			.1	.1								.3	13.0
SW		.4	.1	.4	.1							1.1	10.1
WSW		.3	.3	.4	.4							1.9	10.3
W	.3	.3	.8	.8	.1							2.3	9.4
WNW		.3	.4	.3								.9	9.4
NW		.1		.1								.3	8.5
NNW	.3	.1										.4	3.3
VARBL	.8	.3	.4									1.5	4.1
CALM												7.0	
	15.7	30.6	35.8	9.4	1.3	.1						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 781

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

4231	SONDRESTROM GL	74-82	OCT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.8	.4	.1								1.5	6.6
NNE	1.0	3.3	3.9	.3								8.4	6.4
NE	5.7	11.4	9.8	1.4								28.3	5.9
ENE	3.9	11.3	16.2	2.4	.1							34.1	7.0
E	.7	1.1	6.9	2.8	.7							11.4	9.5
ESE				.1								.1	11.0
SE	.1		.1	.1	.1	.1	.1					.8	16.7
SSE			.1	.3								.4	11.3
S		.1										.1	5.0
SSW		.1		.1								.3	8.5
SW		.3	.1	.3	.1							.8	10.8
WSW	.4	.5	.5	.5	.1							2.2	8.3
W		.7	.7	.4		.1						1.9	9.3
WNW		.5	.5	.4	.1							1.6	9.3
NW			.1	.1								.3	13.0
NNW	.1	.1	.1	.3								.7	8.4
VARBL	.7	.3	.1									1.1	3.3
CALM												6.1	
	12.4	30.6	39.8	9.4	1.4	.3	.1					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 736

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

4231? (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.4	.7	.1								1.3	7.4
NNE	.9	3.6	4.0	.1								8.7	6.3
NE	5.4	10.7	11.0	.9								28.0	6.1
ENE	3.6	12.6	16.6	3.8	.4							37.0	7.3
E	.5	1.1	5.8	1.9								9.2	8.7
ESE	.1	.1	.1									.4	6.0
SE	.1	.1	.7	.4		.1						1.5	10.5
SSE													
S			.1	.1			.1					.4	17.3
SSW		.1	.1									.3	7.0
SW	.1		.3	.4	.1							.9	11.1
WSW	.3	.5	.4	.3								1.5	7.1
W	.3	.7	.8	.3	.1							2.1	8.1
WNW		.1	.1	.3								.5	10.3
NW			.1	.3								.4	11.3
NNW		.1										.1	6.0
VARBL	.4	.3	.1									.8	4.0
CALM												6.7	
	11.9	30.6	41.0	8.8	.7	.1	.1					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 796

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)

42317 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.4	.1		.1	.3						.9	11.9
NNE	.7	2.2	3.9	.1								6.9	6.6
NE	4.5	7.3	9.5	1.5								22.7	6.4
ENE	3.4	11.8	18.1	2.6								35.8	7.0
E	.4	4.5	7.7	2.3								14.9	8.2
ESE			.4	.3								.7	10.2
SE			.3			.1						.4	14.3
SSE	.1	.1				.1						.4	10.3
S	.1		.1		.1							.4	10.7
SSW	.1		.4									.5	7.0
SW	.4	.1		.1	.1							.8	8.0
WSW	.7	.5		.7								1.9	6.8
W	.4	.3	.4	.8								1.9	8.8
WNW	.1	.1	.3	.1	.1							.8	9.7
NW			.5	.1								.7	10.0
NNW	.1	.1	.1									.4	5.3
VARBL	1.2	.1	.1									1.5	3.1
CALM												8.4	
	12.3	27.6	42.0	9.6	.5	.5						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 740

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

42315 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (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		.3	.3	.1		.4						1.1	14.8
NNE	1.5	2.6	3.1	.4								7.5	5.9
NE	4.2	6.3	7.1	.8								18.4	5.9
ENE	4.3	9.1	11.3	1.3	.1							26.2	6.5
E	2.7	4.4	10.7	2.7	.5							20.4	8.1
ESE	.7	.4	.3	.4	.1	.1						2.0	8.2
SE	.4	.1	.3									.8	4.3
SSE	.1		.3	.1								.5	8.0
S	.2	.1	.3	.4	.1							1.1	10.9
SSW	.4			.1								.5	5.5
SW	.7	1.5	.5	.5	.1							3.4	6.8
WSW	.3	.8	.4	.3								1.7	6.2
W	.3	1.6	1.3	.4								3.6	6.8
WNW	.1	.3	.3	.1								.8	7.2
NW	.1	.1	.1									.4	5.3
NNW			.1	.1								.3	11.0
VARBL	.8	1.1	.1									2.0	3.9
CALM												9.3	
	16.0	28.7	36.5	7.9	1.1	.5						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 745

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

42313 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.4	.5	.5	.1							1.8	9.5
NNE	1.1	2.3	2.2	.3	.4							6.2	6.8
NE	5.7	9.8	5.4	1.1								22.0	5.5
ENE	3.8	8.7	11.7	1.4								24.9	6.6
E	.8	3.7	5.3	1.6	.4							11.1	8.1
ESE	.1	.5	1.1	.5	.4							2.7	10.2
SE			.1	.1	.1							.4	13.0
SSE	.1	.3	.3	.3	.1							1.1	10.0
S		.1	.3	.7	.1	.1						1.4	13.2
SSW	.1	.1	.1			.1						.5	10.8
SW	.4	.5	.5	.3	.3							2.0	7.7
WSW	.7	2.0	.5	.3								3.5	5.8
W	.8	1.4	1.2									3.4	5.4
WNW			.7	.5	.4							1.6	12.8
NW		.1	.3	.3								.7	9.2
NNW		.1	.3			.1						.5	10.8
VARBL	1.2	1.0	.1	.1								2.4	3.9
CALM												13.6	
	15.1	29.8	30.7	8.0	2.9	.9						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 736

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)

42310 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.1	.5	.4								1.4	9.2
NNE	1.1	3.6	3.4	.3	.1							8.5	6.3
NE	5.4	10.9	8.6	.5								25.4	5.7
ENE	3.4	12.4	13.4	1.5	.1							30.8	6.7
E	.7	2.3	4.7	2.4	.5							10.4	8.8
ESE	.1	.1	.1	.5	.4							1.4	12.3
SE													
SSE		.3	.1	.4	.4	.1						1.4	14.1
S	.1	.1	.1	.3	.1	.1						.9	12.7
SSW	.1			.1	.3							.5	13.5
SW	.1	.4	.1	.3	.3	.1						1.4	11.3
WSW	.5	.5	.5	.3								1.9	6.6
W	.5	.1	1.4									2.0	6.3
WNW	.3		.1	.7								1.1	9.6
NW		.3	.1	.8		.1						1.4	13.4
NNW			.7									.7	8.8
VARBL	.5	.4	.1									1.1	3.8
CALM												9.9	
	13.2	31.4	34.2	8.5	2.3	.5						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 790

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

42312 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (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	.1	.4	.3		.1							1.1	7.3
NNE	2.3	2.7	3.6	.1								8.8	5.7
NE	7.7	11.4	7.8	.7	.1							27.6	5.6
ENE	3.6	11.9	13.7	3.8	.4							33.4	7.3
E	.4	1.4	5.9	2.7	.3							10.7	8.9
ESE		.1	.1	.3								.5	10.8
SE	.3		.1	.4	.1							1.0	10.4
SSE			.1	.1	.1							.4	14.3
S		.3	.4	.3	.1							1.1	9.9
SSW	.1	.1										.3	3.5
SW	.3	.4	1.1	.3	.1	.3						2.5	10.5
WSW	.1	.5	.3	.5								1.5	8.0
W	.1	.1	.4	.4	.1							1.2	10.0
WNW	.1		.3	.3	.1							.8	10.8
NW		.1	.3									.4	7.7
NNW		.1	.4									.5	7.8
VARBL	1.1	.7	.1									1.9	3.6
CALM												6.4	
	16.3	30.4	34.9	10.0	1.8	.3						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 731

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

42310 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N				.4								.4	14.7
NNE	1.0	1.1	.3	.1								2.5	9.3
NE	5.9	12.8	12.9	1.7								33.3	6.3
ENE	4.3	14.4	13.1	4.1	.1							36.0	7.0
E	1.5	3.7	3.9	1.0	.1							9.5	6.9
ESE	.7	.3	.1	.7			.1					1.5	11.5
SE			.1	.1								.3	10.5
SSE			.1	.1								.3	10.0
S			.4		.1							.6	11.3
SSW	.1	.1		.4		.1	.1					1.0	14.6
SW													
WSW		.3		.1	.1							.6	10.0
W		.3	1.0	.3	.1	.1						1.8	10.6
WNW		.1	.3	.1		.4						1.3	16.9
NW				.1	.3							.4	17.3
NNW							.4					.4	30.0
VARBL	.6	.1										.7	2.6
CALM												9.9	
	13.6	32.6	32.2	9.4	1.0	.7	.7					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 727

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

4231? (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.1	.1									.3	7.5
NNE	1.1	.9	.4	.4								2.8	5.6
NE	7.0	12.4	12.6	1.1								33.1	6.1
ENE	4.0	14.1	15.2	3.9	.4							37.5	7.0
E	1.0	2.5	4.3	1.7	.1							9.5	7.9
ESE	.6	.1	.4	.3								1.4	6.5
SE		.1	.1	.1								.4	9.3
SSE			.1					.1				.3	20.5
S	.1	.1	.3	.1								.7	7.8
SSW		.1										.1	6.0
SW			.1									.1	8.0
WSW	.1			.3	.3							.7	12.6
W	.3	.3	.3		.6							1.4	10.6
WNW			.3	.4	.3	.4	.1					1.5	18.0
NW				.6	.1							.7	15.6
NNW			.1		.1							.3	14.0
VARBL	.4	1.0										1.4	3.9
CALM												7.9	
	14.6	31.7	34.3	8.8	1.9	.4	.1	.1				100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 725

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

4231 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (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				.3								.3	12.0
NNE	.8	1.4	.8									3.1	4.9
NE	6.3	11.8	13.5	2.1								33.7	6.5
ENE	3.4	13.6	13.3	4.9	.3							35.5	7.2
E	.8	3.2	5.9	1.1	.3							11.4	7.9
ESE	.1	.4	.6	.1	.4							1.7	10.1
SE		.3	.1	.3			.1					.8	11.8
SSE													
S	.4											.4	2.7
SSW		.1										.1	4.0
SW	.1	.1										.3	3.0
WSW	.3		.8	.4	.1							1.7	10.3
W	.3	.3	.4	.4	.3	.1						1.8	10.6
WNW			.1	.6								.7	12.2
NW				.4								.4	14.7
NNW			.4									.4	8.7
VARBL	.1	.6										.7	4.6
CALM												7.0	
	12.8	31.8	36.0	10.7	1.4	.1	.1					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 713

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

42313 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N				.3								.3	13.5
NNE	.7	.7	.4	.1								1.9	5.6
NE	7.2	11.6	12.9	1.7	.3							32.7	6.3
ENE	5.8	11.7	15.3	1.9	.1	.3						34.9	6.7
E	1.1	3.9	5.9	1.9								12.8	7.7
ESE			.6	.1								.7	9.8
SE			.3	.1		.1						.6	13.5
SSE		.1										.1	6.0
S		.1		.3								.4	11.0
SSW													
SW				.1								.1	12.0
WSW		.4	.7	.1								1.2	7.6
W	.3	.8	.3	.6	.1	.4						2.5	10.8
WNW			.1	.4								.6	13.0
NW	.1			.1								.3	6.0
NNW			.1									.1	8.0
VARBL	.8	.1	.3									1.2	3.8
CALM												9.5	
	16.9	29.5	35.7	7.9	.6	.8						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 725

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

42310 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.4	.4	.2	.1	.1						1.2	9.5
NNE	1.3	2.9	3.5	.2	.1							7.9	6.2
NE	5.9	13.2	8.7	1.8	.0							25.6	5.9
ENE	3.7	11.2	14.3	2.3	.2							31.4	6.9
E	.9	2.3	6.5	2.5	.3							12.4	8.6
ESE	.1	.2	.3	.3	.1	.1						1.1	9.9
SE	.1	.1	.3	.2	.1	.1	.0					.7	11.0
SSE	.1	.1	.1	.2	.1	.0						.6	11.8
S	.1	.1	.2	.2	.1	.1	.0					.7	11.6
SSW	.1	.1	.1	.1	.0	.0						.4	8.8
SW	.3	.5	.4	.3	.2	.1						1.6	9.0
WSW	.4	.8	.4	.4	.1							2.0	7.3
W	.3	.6	.9	.4	.1	.0						2.3	7.6
WNW	.1	.2	.3	.3	.1							1.0	10.1
NW	.0	.1	.2	.2		.0						.6	10.5
NNW	.1	.1	.2	.1		.0						.5	7.9
VARBL	.8	.5	.2	.0								1.5	3.7
CALM												8.4	
	14.1	29.9	36.9	8.8	1.4	.4	.0					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 5915

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)

4271 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1											.1	2.0
NNE	.4	1.3	.4									2.1	5.0
NE	7.8	9.5	11.7	1.8	.3	.1						31.3	6.3
ENE	5.7	13.6	13.6	2.7								35.5	6.5
E	1.1	4.8	4.8	1.5								12.2	7.2
ESE		.1	.3	.1								.7	7.6
SE		.1	.1	.1								.4	10.3
SSE				.1								.1	14.5
S		.1	.4	.3								.8	9.7
SSW			.3	.3	.3	.1						1.0	15.1
SW	.1	.1		.1								.4	7.3
WSW	.4	.7	.4	.6	.1							2.2	8.1
W	.3	1.1	.3	.3	.1	.1						2.1	8.8
WNW	.1		.1		.3							.6	12.5
NW			.1									.1	10.0
NNW				.1								.1	16.0
VARBL	.6	.1		.1								.8	9.2
CALM												9.2	
	16.3	31.6	32.6	8.3	1.1	.4						100.3	6.1

TOTAL NUMBER OF OBSERVATIONS 715

USAFETAC FORM 0-8-5 (OL A) JUL 66 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)

42310 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 2.	1 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1											.1	3.0
NNE	.6	.6	.8	.3								2.3	6.2
NE	6.9	12.3	10.4	2.4								32.0	6.0
ENE	5.5	13.8	12.1	3.7	.1							35.3	6.7
E	1.1	3.8	4.2	.7								9.9	7.1
ESE		.1	.1	.1	.1	.1						.7	14.8
SE		.1				.1						.3	15.0
SSE													
S		.1	.3	.1	.1							.7	11.4
SSW			.3	.6								.8	11.3
SW		.3			.1							.4	8.3
WSW	.1	.4	.4	.1								1.1	6.5
W	.3	1.1	1.1	.3	.1							3.0	7.9
WNW			.3	.6	.3							1.1	14.0
NW			.1	.7	.1							1.0	15.1
NNW				.1								.1	12.0
VARBL	.4											.4	2.3
CALM												10.7	
	15.1	32.7	30.3	9.7	1.1	.3						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 709

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

42317 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1											.1	2.0
NNE	.9	.6	.7	.1								2.2	5.6
NE	7.2	15.4	13.8	1.9								33.4	6.2
ENE	4.6	16.2	12.8	3.9								37.7	6.7
E	.3	3.6	3.6	.8	.1							9.1	7.3
ESE	.1		.3									.4	7.5
SE			.1									.1	10.0
SSE		.1										.1	5.0
S			.1									.1	8.0
SSW				.3	.3							.6	15.0
SW				.1		.3						.4	19.7
WSW	.1		.6		.1	.1						1.0	11.3
W	.1	.1	.8	.1	.1							1.4	8.8
WNW			.3	.7	.1							1.1	13.4
NW			.1	.1	.3	.1						.7	16.4
NNW													
VARBL	1.9		.1									2.1	2.6
CALM												9.3	
	16.3	31.1	33.8	8.2	1.8	.6						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 718

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)

42310 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (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		.1		.3								.4	11.7
NNE	1.7	1.4	.7	.4								3.5	5.6
NE	4.7	11.3	12.3	2.4	.3							31.0	6.7
ENE	3.9	15.8	14.7	2.9	.1							36.7	6.8
E	1.8	2.2	5.1	.6		.1						9.8	7.2
ESE	.1		.3	.3								.7	9.4
SE			.1									.1	10.0
SSE	.1	.1	.1	.1								.6	8.3
S			.3	.6								.8	12.0
SSW			.1									.1	10.0
SW				.1			.1					.3	22.0
WSW		.3										.3	4.5
W	.3	.6	1.7	.4								2.2	7.6
WNW		.3	.6		.3		.1					1.2	12.0
NW		.1		.1		.1						.6	17.8
NNW				.1								.1	12.0
VARBL	1.7	.1										1.1	2.6
CALM												10.5	
	12.9	32.4	34.6	8.3	.7	.4	.3					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 723

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

42311 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (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	.1	.2	.0	.2								.3	10.1
NNE	.8	1.3	.6	.2								2.5	5.3
NE	6.6	11.5	12.4	1.9	.1	.1						32.6	6.3
ENE	4.6	14.1	13.6	3.5	.2	.1						36.1	6.8
E	1.2	3.4	4.7	1.2	.1	.2						10.5	7.4
ESE	.3	.2	.3	.2	.1	.3	.0					1.0	9.7
SE		.1	.1	.1		.3	.0					.4	11.6
SSE	.3	.1	.1	.1				.0				.2	10.8
S	.1	.1	.2	.2	.3							.6	9.7
SSW	.3	.1	.1	.2	.1	.0	.0					.5	13.2
SW	.3	.1	.0	.1	.0	.0	.0					.3	11.7
WSW	.1	.3	.4	.2	.1	.0						1.1	9.0
W	.2	.6	.6	.3	.2	.1						2.0	9.3
WNW	.3	.1	.3	.3	.2	.1	.0					1.3	14.4
NW	.1	.3	.1	.3	.1	.1						.5	15.2
NNW			.1	.1	.3		.1					.2	16.0
VARBL	.7	.3	.1	.0								1.1	3.3
CALM												9.3	
	14.7	31.7	33.7	8.9	1.1	.5	.2	.0				100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 5755

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

4231 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4			.7	.3							.9	10.6
NNE	.4	.5	.5									1.5	5.4
NE	7.3	9.6	13.6	2.8	.4	.1						33.8	6.6
ENE	7.7	9.3	12.5	3.0	.8	.1						33.1	6.8
E	.5	1.2	2.2	1.6	.1							5.7	8.6
ESE	.3	.5	.1	.3	.3	.1	.4					2.0	14.3
SE		.3		.1								.4	7.3
SSE		.1		.5	.1	.1						.9	14.7
S			.1	.3		.1	.3					.8	19.3
SSW		.3				.4						.7	16.4
SW	.1					.3	.1					.5	19.0
WSW	.1	.4	.1		.3							.9	8.9
W	.1	.5	.7	.3	.1							1.7	8.7
WNW	.1	.1		.7	.1	.1						1.2	13.6
NW				.3	.5							.8	17.3
NNW			.4	.1								.5	9.3
VARBL	.9	.3	.1									1.3	3.4
CALM												13.1	
	18.0	22.9	30.4	10.2	3.1	1.5	.8					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 743

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)

4271 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.1	.1	.1								.8	5.7
NNE	.7	2.0		.4								3.1	8.6
NE	5.9	9.8	14.5	2.9	.1							33.2	8.5
ENE	7.9	10.9	13.7	3.4	.7							36.5	8.3
E	.7	.4	1.9	1.1		.1						4.2	8.6
ESE		.1	.4	.5	.1		.1					1.3	10.0
SE			.3	.1	.1							.5	12.0
SSE		.1	.1	.7	.3	.1						1.3	10.9
S	.1			.7	.4							1.2	10.0
SSW				.1			.1					.3	22.0
SW			.3		.3		.1					.7	17.0
WSW				.1	.1							.3	16.0
W	.5	.4	.4	.3	.1							1.7	7.4
WNW	.3		.1	.1	.3							.8	11.3
NW	.1	.1	.3	.4	.5							1.5	12.8
NNW	.1	.1	.3									.5	6.8
VARBL	1.1	.4										1.5	2.3
CALM												10.6	
	17.8	24.5	32.3	11.0	3.1	.3	.3					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 784

USAFETAC FORM AUG 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)

4271 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.1										.1	6.0
NNE	.9	.6		.4								1.8	5.4
NE	6.1	10.9	14.9	4.4	.1	.3						36.8	7.1
ENE	7.6	10.4	12.2	4.8	.3	.1						35.4	7.0
E	.4	1.1	1.5	1.0	.1	.1						4.3	9.0
ESE			.4	.4	.1							1.0	12.4
SE			.1	.3	.1							.6	14.0
SSE			.1	.4	.3							.8	15.0
S			.3	.4	.4							1.1	14.0
SSW		.1		.1	.3							.6	13.5
SW				.1	.3	.1	.1					.7	20.4
WSW	.3											.3	2.0
W	.3	.3	.4	.1								1.1	6.6
WNW	.1		.3	.1	.1							.7	9.6
NW			.8	.6	.4	.3						2.1	14.5
NNW		.1	.1	.1								.4	9.3
VARBL	.8	.6	.1	.1								1.7	4.5
CALM												10.7	
	16.5	24.2	31.4	13.6	2.6	1.0	.1					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 723

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

04231 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.1										.1	5.0
NNE	1.5	.8	.4	.3								2.9	4.9
NE	6.8	12.0	12.8	2.9	.5							35.2	6.6
ENE	4.9	11.8	15.8	3.9	.3	.1						36.8	7.2
E	1.2	.5	1.9	.4	.4	.1						4.5	8.4
ESE			.4	.3	.3	.4		.1				1.5	18.6
SE				.8	.3							1.1	14.6
SSE		.1	.3		.1							.5	10.0
S			.1	.1	.4	.3						.9	17.4
SSW	.1	.1	.1	.4	.1	.1						1.1	12.4
SW	.1											.1	2.0
WSW	.1	.3	.1									.5	5.3
W		.3	.7	.4	.4	.1						1.9	12.1
WNW		.1	.1	.1	.1							.5	12.3
NW			.3	.1	.3							.7	14.0
NNW	.1	.4	.1	.1								.8	6.2
VARBL	1.1	.4	.4									1.9	4.4
CALM												9.0	
	16.0	27.0	33.6	9.9	3.2	1.2		.1				100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 788

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

42310 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (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	.1	.1										.3	3.5
NNE	1.4	.7	.8	.1								3.0	5.1
NE	7.6	10.5	11.5	1.9	.3	.1						31.9	6.3
ENE	3.9	13.6	14.3	4.5				.1				36.1	7.3
E	.8	2.3	2.2	.5	.3	.7	.1					6.7	9.8
ESE		.5	.3	.7	.4			.1				2.0	13.0
SE		.1		.7	.1	.3						1.2	16.0
SSE				.4								.4	13.7
S			.1	.4	.1	.1	.1					1.0	17.3
SSW		.1	.1	.1		.1						.5	12.8
SW				.1								.1	12.0
WSW	.2		.3	.3								.8	8.2
W	.1	.3	.5	.3	.1	.4						1.8	12.4
WNW			.3		.5							.8	16.3
NW			.1		.1							.3	15.5
NNW	.1	.3	.1									.5	5.8
VARBL	1.4	1.1	.1									2.6	3.6
CALM												9.9	
	15.8	29.3	30.6	10.1	2.0	1.8	.3	.3				100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 736

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

42310 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE	1.1	.3	1.1	.1								2.6	5.8
NE	5.6	9.0	13.5	2.5	.1							30.7	6.8
ENE	6.3	13.9	14.?	3.5	.4							38.3	6.6
E	.8	2.3	2.?	.8	.1		.4	.1				6.7	9.6
ESE	.3		.4	.8	.1	.1		.1				1.9	13.4
SE			.3	.3		.3						.8	16.0
SSE		.1										.1	4.0
S	.1	.1	.1		.3	.1						.8	12.8
SSW				.?	.1		.1					.5	19.8
SW													
WSW	.3	.3	.1				.1					.8	8.3
W	.7	.3	.7	.4		.1						2.2	7.8
WNW				.1	.5	.1						.8	19.7
NW	.1		.1		.1	.1						.5	13.3
NNW			.3	.3		.1						.7	14.8
VARBL	.3	1.1										1.9	3.6
CALM												10.6	
	16.1	27.9	32.8	9.1	1.9	1.1	.7	.3				100.	6.6

TOTAL NUMBER OF OBSERVATIONS 734

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

42310 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.3		.1								.5	6.3
NNE	.5	.7		.3								1.5	5.5
NE	7.2	9.7	13.6	3.4	.1	.1						34.1	6.7
ENE	6.1	11.5	14.2	3.6	.1							35.5	6.8
E	.3	1.2	.9	.9	.5	.1						4.0	9.9
ESE	.3		.3	.4	.5	.3	.1	.3				2.2	18.9
SE				.1	.1	.1						.4	19.7
SSE			.1	.1								.4	10.7
S				.1	.1	.1						.4	18.7
SSW				.1	.3	.1	.1	.1				.8	22.7
SW			.1		.1	.1						.4	18.3
WSW	.1											.1	2.0
W		.3	.9	.7								1.9	10.6
WNW		.3	.1	.3	.3							.9	12.1
NW				.7	.3	.1						.7	17.2
NNW	.1			.1	.1	.3						.7	15.8
VARBL	1.1	.5	.1									1.8	3.5
CALM												13.6	
	15.8	24.4	30.6	10.7	2.7	1.5	.3	.4				100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 741

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

42310 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.1		.4								.8	9.0
NNE	.7	.7	.8	.5								2.7	6.8
NE	4.5	11.1	12.4	2.9	.3							31.2	6.8
ENE	6.1	12.1	14.7	2.8	.3	.1						35.5	6.7
E	.7	1.3	1.9	1.2	1.2							6.3	9.9
ESE			.3	.4	.3	.1	.3					1.3	17.4
SE			.1	.1	.3	.1						.7	16.6
SSE				.1	.1							.3	17.0
S		.1	.3	.1	.1		.1					.8	14.3
SSW	.1		.1			.1	.4					.8	21.2
SW		.1	.1	.3			.1					.7	13.8
WSW	.4	.3	.1	.1		.1						1.1	8.1
W	.1	.1	.3	.8								1.3	11.0
WNW			.1	.7								.8	13.3
NW	.1	.3	.1	.4								.9	8.4
NNW	.1	.1		.1								.4	7.3
VARBL	1.1	.4	.3	.1								1.9	4.0
CALM												12.7	
	14.3	26.8	30.9	11.2	2.5	.7	.9					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 750

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

42310 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (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	.2	.1	.0	.1	.0							.5	7.6
NNE	.9	.8	.5	.3								2.4	5.5
NE	6.4	17.3	13.4	3.0	.3	.1						33.4	6.7
ENE	6.3	11.6	13.8	3.9	.4	.1		.0				35.9	6.9
E	.7	1.3	1.8	.9	.4	.2	.1	.0				5.3	9.3
ESE	.1	.2	.3	.5	.3	.1	.1	.1				1.7	15.4
SE		.1	.1	.3	.1	.1						.7	14.9
SSE		.1	.1	.3	.1	.0						.6	13.7
S	.0	.0	.1	.3	.2	.1	.1					.9	15.7
SSW	.1	.1	.1	.2	.1	.1	.1	.0				.7	17.2
SW	.0	.0	.1	.1	.1	.1	.1					.4	16.7
WSW	.1	.2	.1	.1	.1	.0	.0					.6	7.9
W	.1	.3	.6	.4	.1	.1						1.7	9.6
WNW	.1	.1	.1	.3	.3	.1						.8	13.6
NW	.1	.1	.2	.3	.1	.1						.9	13.9
NNW	.1	.1	.2	.1	.0	.1						.6	9.6
VARBL	1.0	.6	.2	.0								1.8	3.8
CALM												11.3	
	16.3	25.9	31.6	10.7	2.7	1.1	.4	.1				100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 5921

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)

42710 (STATION) SONDRESTROM GL (STATION NAME) 74-83 (YEARS) ALL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.2	.3	.2	.1	.0						.8	9.0
NNE	.7	1.3	1.0	.4	.0	.0						3.4	6.6
NE	4.9	7.3	7.2	1.5	.1	.0						21.0	6.2
ENE	4.5	3.3	9.9	2.9	.3	.1	.0	.0				26.0	6.9
E	1.3	2.8	5.2	2.8	.3	.1	.0	.0				12.4	8.6
ESE	.2	.3	.6	.5	.1	.0	.0	.0				1.8	10.1
SE	.1	.1	.3	.2	.1	.0	.0					.9	10.7
SSE	.1	.2	.2	.2	.1	.0	.0	.0				.8	9.6
S	.2	.2	.2	.3	.1	.0	.0					1.1	9.6
SSW	.3	.3	.1	.2	.1	.1	.0	.0				1.1	9.3
SW	.6	.7	.5	.3	.1	.1	.0		.0			2.4	7.9
WSW	.9	1.3	1.6	1.0	.2	.0	.0					4.9	8.0
W	.6	1.0	1.8	1.4	.3	.1	.0					5.1	9.2
WNW	.1	.2	.4	.4	.2	.0	.0	.0				1.3	11.5
NW	.0	.1	.4	.5	.2	.1						1.4	12.6
NNW	.1	.1	.2	.2	.0	.0	.0					.6	10.1
VARBL	1.3	.6	.2	.0	.0							2.1	3.5
CALM												12.9	
	15.8	24.9	30.1	13.1	2.3	.7	.1	.0	.0			100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 69815

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)

4231 (STATION) SONDRESTROM GL (STATION NAME) 74-83 (YEARS) ALL (MONTHS)

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	.1						1.1	12.6
NNE	1.1	.8	.3	.4	.3							2.9	7.0
NE	7.7	4.8	1.7	.4								14.6	4.1
ENE	5.7	5.3	2.8	.4	.1							13.5	4.9
E	1.2	1.9	1.3	.2				.1				4.7	5.9
ESE	.3	.3			.1			.2				.8	13.4
SE													
SSE			.1		.1	.1						.3	17.5
S	.3	.1										.3	2.6
SSW	.1	.1		.1								.3	6.4
SW	.3	.4	.7	.6	.1	.1			.1			2.1	9.9
WSW	1.6	2.6	3.1	3.3	.6	.1						11.2	8.9
W	1.3	2.5	5.1	4.6	.8	.4	.1					14.8	10.1
WNW	.1	.1	.6	1.2	.9	.3	.1					3.5	15.5
NW		.1	.6	1.7	.6	.9						3.4	16.2
NNW	.1	.1	.3	.3	.2	.2	.1					1.3	15.0
VARBL	1.1	.2										1.3	2.5
CALM												23.9	
	27.2	19.5	16.6	13.2	3.8	2.7	.4	.3	.1			100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 1594

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

42310 (STATION) SONDRESTROM GL (STATION NAME) 75-83 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2000-0200 (HOURS (LST))

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	5.2	50.0	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.3	50.3	50.3	50.3
≥ 20000	5.3	52.2	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.5	52.5	52.5	52.5
≥ 18000	6.4	68.4	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.7
≥ 16000	6.4	68.7	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.0	69.0	69.0	69.0
≥ 14000	6.4	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.6	69.6	69.6	69.6
≥ 12000	6.4	70.0	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.7	70.7	70.7	70.7
≥ 10000	6.7	74.6	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.3	75.3	75.3	75.3
≥ 9000	6.7	76.1	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.8	76.8	76.8	76.8
≥ 8000	6.7	83.2	83.8	83.9	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.8	84.8	84.8	84.8
≥ 7000	6.8	86.0	86.6	86.7	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.6	87.6	87.6	87.6
≥ 6000	6.8	88.0	88.5	89.1	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9
≥ 5000	6.8	89.2	89.8	90.5	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3
≥ 4500	6.8	90.4	91.1	91.8	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.6
≥ 4000	7.1	91.9	92.9	93.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8
≥ 3500	7.1	92.2	93.2	94.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1
≥ 3000	7.1	92.3	93.4	94.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8
≥ 2500	7.1	93.0	94.3	95.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.8	96.8	96.8	96.8
≥ 2000	7.1	93.9	95.1	96.1	98.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3
≥ 1800	7.3	94.4	95.7	96.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.9	98.9	98.9	98.9
≥ 1500	7.3	94.6	95.8	96.8	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 1200	7.3	94.6	95.8	96.8	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 1000	7.3	94.6	95.8	96.8	98.7	98.7	98.7	99.0	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.4
≥ 900	7.3	94.6	95.8	96.8	98.7	98.7	98.7	99.0	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.4
≥ 800	7.3	94.6	95.8	96.8	98.7	98.7	98.7	99.0	99.3	99.3	99.4	99.4	99.6	99.6	99.6	99.6
≥ 700	7.3	94.6	95.8	96.8	98.7	98.7	98.7	99.0	99.3	99.3	99.4	99.4	99.6	99.6	99.6	99.6
≥ 600	7.3	94.6	95.8	96.8	98.7	98.7	98.7	99.0	99.3	99.3	99.4	99.4	99.6	99.6	99.6	99.6
≥ 500	7.3	94.6	95.8	96.8	98.7	98.7	98.7	99.0	99.3	99.3	99.4	99.4	99.6	99.6	99.6	99.6
≥ 400	7.3	94.6	95.8	96.8	98.7	98.7	98.7	99.0	99.3	99.3	99.4	99.4	99.6	99.6	99.6	99.6
≥ 300	7.3	94.6	95.8	96.8	98.7	98.7	98.7	99.0	99.3	99.3	99.4	99.4	99.6	99.6	99.6	99.6
≥ 200	7.3	95.0	96.2	97.2	99.2	99.2	99.2	99.4	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	7.3	95.0	96.2	97.2	99.2	99.2	99.2	99.4	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	7.3	95.0	96.2	97.2	99.2	99.2	99.2	99.4	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 716

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

42310 (STATION) SONDRESTROM GL (STATION NAME) 75-8? (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	5.5	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 20000	5.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 18000	6.7	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 16000	6.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 14000	6.7	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 12000	6.7	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 10000	7.1	75.3	75.4	75.6	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	7.1	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 8000	7.4	84.7	84.9	85.5	85.8	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 7000	7.5	88.1	88.4	88.9	89.2	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 6000	7.5	88.9	89.5	91.1	90.3	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 5000	7.5	90.1	90.6	91.5	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 4500	7.5	90.9	91.5	92.3	92.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 4000	7.5	92.2	93.0	93.9	94.2	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 3500	7.5	92.5	93.5	94.3	94.6	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 3000	7.5	92.6	93.6	94.5	95.0	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 2500	7.7	93.1	94.2	95.2	95.9	96.0	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 2000	7.7	94.0	95.2	96.2	97.0	97.2	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1800	7.7	94.6	95.7	96.7	97.6	97.7	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1500	7.7	94.9	96.1	97.0	97.9	98.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	7.7	95.0	96.2	97.2	98.0	98.3	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	7.7	95.0	96.2	97.2	98.0	98.3	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	7.7	95.0	96.2	97.2	98.0	98.3	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	7.7	95.2	96.3	97.3	98.2	98.4	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	7.7	95.2	96.3	97.3	98.2	98.4	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	7.7	95.2	96.3	97.3	98.2	98.4	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	7.7	95.2	96.3	97.3	98.2	98.4	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	7.7	95.2	96.3	97.3	98.2	98.4	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	7.7	95.3	96.4	97.4	98.3	98.6	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	7.7	95.3	96.4	97.4	98.3	98.6	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	7.7	95.3	96.4	97.4	98.3	98.6	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	7.7	95.3	96.4	97.4	98.3	98.6	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 704

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

042310 (STATION) SONDRESTROM GL (STATION NAME) 75-83 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	6.1	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 20000	6.2	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 18000	7.5	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 16000	7.5	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 14000	7.5	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 12000	7.6	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 10000	7.9	73.1	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 9000	7.9	76.1	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 8000	8.2	82.6	83.1	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 7000	8.3	85.4	85.9	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 6000	8.3	87.5	88.2	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 5000	8.3	89.2	89.9	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 4500	8.3	90.6	91.3	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 4000	8.3	91.6	92.5	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 3500	8.3	91.8	92.8	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 3000	8.4	92.7	93.8	94.8	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2500	8.4	93.0	94.1	95.1	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 2000	8.4	93.7	94.8	95.8	96.8	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1800	8.4	94.4	95.5	96.5	97.5	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1500	8.4	94.7	95.8	96.8	97.9	98.3	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	8.4	94.7	95.8	96.8	97.9	98.3	98.5	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	8.4	94.7	95.8	96.8	97.9	98.5	98.6	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	8.4	94.7	95.8	96.8	97.9	98.5	98.6	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	8.4	95.1	96.2	97.2	98.5	99.0	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	8.4	95.1	96.2	97.2	98.5	99.0	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	8.4	95.1	96.2	97.2	98.5	99.0	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	8.4	95.1	96.2	97.2	98.5	99.0	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	8.4	95.1	96.2	97.2	98.5	99.0	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	8.4	95.1	96.2	97.2	98.5	99.0	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	8.4	95.1	96.2	97.2	98.5	99.0	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	8.4	95.1	96.2	97.2	98.5	99.0	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	8.4	95.1	96.2	97.2	98.5	99.0	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 711

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

04210 (STATION) SONDRESTROM GL (STATION NAME) 75-83 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	4.1	40.4	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 20000	4.2	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
≥ 18000	5.3	61.7	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 16000	5.3	61.7	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 14000	5.3	61.8	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 12000	5.3	62.8	63.3	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 10000	5.4	71.7	71.3	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 9000	5.4	72.8	73.3	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 8000	5.8	80.1	80.8	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 7000	5.8	83.2	84.0	84.7	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 6000	6.4	86.1	87.1	87.8	87.9	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 5000	6.5	88.5	89.4	90.1	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 4500	6.5	89.3	90.4	91.1	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 4000	6.7	90.6	91.7	92.5	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 3500	6.7	91.5	92.9	93.9	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 3000	6.7	91.8	93.5	94.6	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 2500	6.7	92.1	93.8	95.0	95.4	95.6	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 2000	6.8	93.1	94.7	96.1	96.8	97.1	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1800	6.8	93.1	94.7	96.1	96.8	97.1	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1500	6.8	93.5	95.1	96.5	97.2	97.5	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1200	6.9	93.6	95.3	96.7	97.4	97.6	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000	6.9	93.9	95.6	96.9	97.6	97.9	98.3	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	6.9	93.9	95.6	96.9	97.6	97.9	98.3	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	6.9	93.9	95.6	96.9	97.6	97.9	98.3	98.8	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	6.9	94.0	95.7	97.1	97.8	98.1	98.5	98.9	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	6.9	94.3	95.7	97.1	97.8	98.1	98.5	98.9	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	6.9	94.2	95.8	97.2	97.9	98.2	98.6	99.0	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	6.9	94.2	95.8	97.2	97.9	98.2	98.6	99.0	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	6.9	94.2	95.8	97.2	97.9	98.2	98.6	99.0	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	6.9	94.3	96.0	97.4	98.1	98.3	98.8	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	6.9	94.3	96.0	97.4	98.1	98.3	98.8	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	6.9	94.3	96.0	97.4	98.1	98.3	98.8	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

USAF ETAC FORM NO. 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

042310 (STATION) SONDRESTROM GL (STATION NAME) 75-83 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	3.9	38.3	38.3	38.3	38.3	38.3	38.5	38.5	38.5	38.5	38.6	38.6	38.7	38.7	38.7	38.9
≥ 20000	4.1	42.7	42.7	42.7	42.7	42.7	42.8	42.8	42.8	42.8	42.9	42.9	43.1	43.1	43.1	43.2
≥ 18000	5.6	64.9	65.0	65.3	65.3	65.3	65.5	65.5	65.5	65.5	65.6	65.6	65.7	65.7	65.7	65.9
≥ 16000	5.6	65.6	65.7	66.0	66.0	66.0	66.2	66.2	66.2	66.2	66.3	66.3	66.4	66.4	66.4	66.6
≥ 14000	5.6	65.6	65.7	66.0	66.0	66.0	66.2	66.2	66.3	66.3	66.4	66.4	66.6	66.6	66.6	66.7
≥ 12000	5.6	67.0	67.1	67.4	67.4	67.4	67.6	67.6	67.7	67.7	67.8	67.8	68.0	68.0	68.0	68.1
≥ 10000	6.6	73.3	73.4	73.8	74.0	74.1	74.3	74.3	74.4	74.4	74.5	74.5	74.7	74.7	74.7	74.8
≥ 9000	6.7	75.1	75.2	75.7	75.8	75.9	76.1	76.1	76.2	76.2	76.4	76.4	76.5	76.5	76.5	76.6
≥ 8000	7.0	82.4	83.2	83.6	83.9	84.2	84.3	84.3	84.5	84.5	84.6	84.6	84.8	84.8	84.8	84.9
≥ 7000	7.1	85.2	86.1	86.6	86.9	87.1	87.3	87.3	87.4	87.4	87.6	87.6	87.7	87.7	87.7	87.8
≥ 6000	7.1	86.4	87.7	88.3	88.7	89.1	89.2	89.4	89.5	89.5	89.7	89.7	89.8	89.8	89.8	89.9
≥ 5000	7.1	87.6	88.8	89.5	89.9	90.3	90.5	90.6	90.8	90.8	90.9	90.9	91.0	91.0	91.0	91.2
≥ 4500	7.1	88.4	89.7	90.3	90.9	91.3	91.5	91.6	91.7	91.7	91.9	91.9	92.1	92.0	92.0	92.2
≥ 4000	7.1	89.1	90.5	91.3	91.9	92.3	92.4	92.6	92.7	92.7	92.9	92.9	93.0	93.0	93.0	93.1
≥ 3500	7.1	89.5	90.9	92.3	92.9	93.3	93.4	93.6	93.7	93.7	93.8	93.8	94.1	94.1	94.0	94.1
≥ 3000	7.1	89.9	91.3	93.0	93.6	94.0	94.1	94.3	94.4	94.4	94.5	94.5	94.7	94.7	94.7	94.8
≥ 2500	7.1	91.5	92.9	94.8	95.4	95.8	95.9	96.1	96.2	96.2	96.4	96.4	96.5	96.5	96.5	96.6
≥ 2000	7.1	91.7	93.3	95.8	96.4	96.9	97.3	97.5	97.6	97.6	97.8	97.8	97.9	97.9	97.9	98.0
≥ 1800	7.1	92.2	93.7	96.2	96.8	97.3	97.8	98.0	98.2	98.2	98.3	98.3	98.5	98.5	98.5	98.6
≥ 1500	7.1	92.2	93.7	96.2	96.8	97.3	97.8	98.2	98.6	98.6	98.7	98.7	98.9	98.9	98.9	99.0
≥ 1200	7.1	92.2	93.7	96.2	96.8	97.3	97.8	98.2	98.6	98.6	98.7	98.7	98.9	98.9	98.9	99.0
≥ 1000	7.1	92.4	94.0	96.5	97.1	97.6	98.0	98.7	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.6
≥ 900	7.1	92.4	94.1	96.5	97.1	97.6	98.0	98.7	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.6
≥ 800	7.1	92.4	94.1	96.5	97.1	97.6	98.2	98.9	99.3	99.3	99.4	99.4	99.6	99.6	99.6	99.7
≥ 700	7.1	92.4	94.0	96.5	97.1	97.6	98.2	98.9	99.3	99.3	99.4	99.4	99.6	99.6	99.6	99.7
≥ 600	7.1	92.4	94.1	96.5	97.1	97.6	98.2	98.9	99.3	99.3	99.4	99.4	99.6	99.6	99.6	99.7
≥ 500	7.1	92.6	94.1	96.6	97.2	97.8	98.3	99.0	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.9
≥ 400	7.1	92.7	94.3	96.8	97.3	97.9	98.5	99.2	99.6	99.6	99.7	99.7	99.9	99.9	99.9	100.0
≥ 300	7.1	92.7	94.3	96.8	97.3	97.9	98.5	99.2	99.6	99.6	99.7	99.7	99.9	99.9	99.9	100.0
≥ 200	7.1	92.7	94.3	96.8	97.3	97.9	98.5	99.2	99.6	99.6	99.7	99.7	99.9	99.9	99.9	100.0
≥ 100	7.1	92.7	94.3	96.8	97.3	97.9	98.5	99.2	99.6	99.6	99.7	99.7	99.9	99.9	99.9	100.0
≥ 0	7.1	92.7	94.3	96.8	97.3	97.9	98.5	99.2	99.6	99.6	99.7	99.7	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 715

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

042310 (STATION) SONDRESTROM GL (STATION NAME) 75-87 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	3.5	43.0	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ 20000	3.9	46.3	46.3	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
≥ 18000	5.0	66.2	66.4	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
≥ 16000	5.2	66.7	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 14000	5.2	66.7	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 12000	5.2	68.5	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 10000	5.6	74.5	74.6	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 9000	5.9	76.7	76.8	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 8000	6.3	83.1	83.3	83.4	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 7000	6.4	86.9	87.2	87.3	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 6000	6.4	89.0	89.1	89.7	90.5	90.5	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 5000	6.4	89.4	89.5	90.1	90.9	90.9	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 4500	6.4	89.4	89.5	90.1	90.9	90.9	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 4000	6.4	90.8	91.5	92.2	93.0	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 3500	6.4	91.1	91.8	92.5	93.3	93.4	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 3000	6.4	92.2	92.9	93.7	94.6	94.8	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2500	6.4	93.2	93.9	94.8	95.8	96.2	96.5	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 2000	6.4	94.3	95.3	96.4	97.5	97.9	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1800	6.4	94.6	95.5	96.7	97.8	98.2	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	6.4	94.6	95.5	96.7	97.8	98.2	98.6	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	6.4	94.6	95.5	96.7	97.8	98.2	98.6	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	6.4	95.0	96.0	97.2	98.3	98.7	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	6.4	95.0	96.0	97.2	98.3	98.7	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	6.4	95.0	96.0	97.2	98.3	98.7	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	6.4	95.0	96.0	97.2	98.3	98.7	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	6.4	95.1	96.0	97.2	98.3	98.7	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	6.4	95.0	96.0	97.2	98.3	98.7	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	6.4	95.0	96.0	97.2	98.3	98.7	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	6.4	95.0	96.0	97.2	98.5	98.9	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	6.4	95.0	96.0	97.2	98.5	98.9	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	6.4	95.0	96.0	97.2	98.5	98.9	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	6.4	95.0	96.0	97.2	98.5	98.9	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 717

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

042310 (STATION) SONDRESTROM GL (STATION NAME) 75-83 (YEARS) JAN (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	4.5	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 20000	4.6	47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 18000	5.3	63.3	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 16000	5.3	63.8	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 14000	5.3	63.8	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 12000	5.3	65.1	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 10000	5.5	71.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 9000	5.6	73.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 8000	5.9	79.7	80.8	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 7000	6.2	85.8	87.4	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 6000	6.3	88.2	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 5000	6.3	90.0	91.6	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 4500	6.3	90.2	91.7	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 4000	6.3	92.4	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 3500	6.3	93.0	94.7	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 3000	6.3	94.0	95.7	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 2500	6.6	95.1	96.8	97.6	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 2000	6.6	95.4	97.1	97.9	98.3	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1800	6.6	95.5	97.2	98.0	98.5	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1500	6.6	95.5	97.2	98.0	98.5	98.6	98.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200	6.6	95.5	97.2	98.0	98.5	98.6	98.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	6.6	95.5	97.2	98.0	98.5	98.6	98.7	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	6.6	95.5	97.2	98.0	98.5	98.6	98.7	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	6.6	95.5	97.2	98.0	98.5	98.6	98.7	99.0	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	6.6	95.5	97.2	98.0	98.5	98.6	98.7	99.0	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	6.6	95.5	97.2	98.0	98.5	98.6	98.7	99.0	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	6.6	95.5	97.2	98.0	98.5	98.6	98.7	99.0	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	6.6	95.5	97.2	98.0	98.5	98.6	98.7	99.0	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	6.6	95.5	97.2	98.2	98.6	98.7	98.9	99.2	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	6.6	95.5	97.2	98.3	98.7	99.0	99.2	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	6.6	95.5	97.2	98.3	98.7	99.0	99.2	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	6.6	95.5	97.2	98.3	98.7	99.0	99.2	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 713

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

042310 SONDRESTROM GL 75-83 JAN
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥⅞	≥¾	≥⅝	≥5/16	≥¼	≥0
NO CEILING	5.1	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 20000	5.3	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 18000	6.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 16000	6.7	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
≥ 14000	6.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 12000	7.0	68.1	68.3	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 10000	7.2	73.1	73.3	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 9000	7.2	74.1	74.3	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 8000	7.9	81.5	81.8	82.2	82.4	82.4	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 7000	8.1	85.5	85.9	86.4	86.8	86.8	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 6000	8.2	86.8	87.4	87.8	88.2	88.2	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 5000	8.5	88.7	89.4	90.0	90.4	90.4	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 4500	8.5	90.4	91.4	92.0	92.4	92.4	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 4000	8.8	91.8	93.1	93.5	94.0	94.1	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 3500	8.8	92.5	93.8	94.4	94.8	95.0	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 3000	8.8	93.1	94.4	95.0	95.4	95.6	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 2500	8.9	94.3	95.6	96.3	96.8	97.0	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 2000	8.9	95.1	96.4	97.1	97.7	97.8	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1800	8.9	95.4	96.7	97.4	98.0	98.1	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1600	8.9	95.4	96.7	97.4	98.0	98.1	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1400	8.9	95.4	96.7	97.4	98.0	98.1	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	8.9	95.4	96.7	97.4	98.0	98.1	98.9	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	8.9	95.4	96.7	97.4	98.0	98.1	98.9	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	8.9	95.4	96.7	97.4	98.0	98.1	98.9	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	8.9	95.4	96.7	97.4	98.0	98.1	98.9	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	8.9	95.4	96.7	97.4	98.0	98.1	98.9	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	8.9	95.4	96.7	97.4	98.0	98.1	98.9	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	8.9	95.4	96.7	97.4	98.0	98.1	98.9	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	8.9	95.4	96.7	97.4	98.0	98.1	98.9	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	8.9	95.4	96.7	97.4	98.0	98.1	98.9	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	8.9	95.4	96.7	97.4	98.0	98.1	98.9	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	8.9	95.4	96.7	97.4	98.0	98.1	98.9	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	8.9	95.4	96.7	97.4	98.0	98.1	98.9	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 697

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

042310 (STATION) SONDRESTROM GL (STATION NAME) 75-83 (YEARS) JAN (MONTH)

ALL (HOURS L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	4.7	45.8	45.8	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	46.0
≥ 20000	4.9	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.8	48.8	48.8	48.8
≥ 18000	6.1	65.8	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.2
≥ 16000	6.1	66.2	66.4	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 14000	6.1	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 12000	6.1	67.4	67.7	67.9	67.9	67.9	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 10000	6.5	73.3	73.6	73.8	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 9000	6.6	75.3	75.6	75.8	75.9	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 8000	6.8	82.2	82.7	83.1	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.6
≥ 7000	7.0	85.8	86.4	86.8	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.5
≥ 6000	7.1	87.6	88.4	88.9	89.3	89.4	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.7
≥ 5000	7.2	89.1	89.9	90.5	90.9	90.9	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2
≥ 4500	7.2	89.9	91.8	91.4	91.8	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.2
≥ 4000	7.3	91.3	92.4	93.0	93.5	93.6	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9
≥ 3500	7.3	91.8	92.9	93.7	94.2	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6
≥ 3000	7.3	92.3	93.6	94.5	95.1	95.2	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 2500	7.4	93.1	94.4	95.5	96.2	96.4	96.6	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9
≥ 2000	7.4	93.9	95.2	96.4	97.3	97.6	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1800	7.4	94.3	95.6	96.8	97.7	97.9	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1500	7.4	94.4	95.7	96.9	97.8	98.1	98.5	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 1200	7.4	94.4	95.8	97.0	97.9	98.2	98.5	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 1000	7.4	94.6	95.9	97.1	98.0	98.3	98.7	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 900	7.4	94.6	95.9	97.1	98.0	98.3	98.7	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥ 800	7.4	94.6	96.0	97.2	98.1	98.4	98.8	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 700	7.4	94.6	96.0	97.2	98.1	98.4	98.8	99.3	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 600	7.4	94.6	96.1	97.2	98.1	98.4	98.8	99.3	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 500	7.4	94.7	96.0	97.2	98.2	98.5	98.8	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	7.4	94.7	96.0	97.2	98.2	98.5	98.9	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	7.4	94.7	96.1	97.3	98.2	98.5	98.9	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	7.4	94.8	96.1	97.4	98.3	98.6	99.1	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	7.4	94.8	96.1	97.4	98.3	98.6	99.0	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	7.4	94.8	96.1	97.4	98.3	98.6	99.0	99.5	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 5693

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

42310 | SONDRESTROM GL | 75-83 | FEB
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	5.7	56.4	56.4	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.7	56.7
≥ 20000	5.7	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.5	58.5
≥ 18000	6.5	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.9	67.9
≥ 16000	6.5	67.9	67.9	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.2	68.2
≥ 14000	6.5	67.9	67.9	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.2	68.2
≥ 12000	6.5	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.4	68.4
≥ 10000	6.6	71.3	71.3	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.6	71.6
≥ 9000	6.8	72.9	72.9	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.3	73.3
≥ 8000	7.1	80.7	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.2	81.2
≥ 7000	7.6	85.4	85.7	85.7	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.2
≥ 6000	7.6	85.6	85.9	85.9	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.4	86.4
≥ 5000	7.8	85.7	86.1	86.1	86.2	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.5	86.5
≥ 4500	7.8	85.7	86.1	86.1	86.2	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.5	86.5
≥ 4000	7.9	86.4	86.9	86.9	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.5
≥ 3500	7.9	87.4	87.8	87.8	88.0	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.7	88.7
≥ 3000	7.9	88.2	89.5	90.0	90.3	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.9	90.9
≥ 2500	8.1	90.4	92.2	93.7	95.3	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.9	95.9
≥ 2000	8.1	91.9	93.7	95.5	97.2	97.6	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	98.1	98.1
≥ 1800	8.1	92.1	94.0	95.8	97.6	97.9	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.4	98.4
≥ 1500	8.1	92.1	94.0	95.8	97.9	98.4	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.9	98.9
≥ 1200	8.1	92.1	94.0	95.8	97.9	98.4	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.9	98.9
≥ 1000	8.1	92.1	94.1	95.8	97.9	98.4	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.9	98.9
≥ 900	8.1	92.1	94.1	95.8	97.9	98.4	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.9	98.9
≥ 800	8.1	92.2	94.2	95.9	98.1	98.5	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0
≥ 700	8.1	92.2	94.2	95.9	98.1	98.5	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0
≥ 600	8.1	92.2	94.2	95.9	98.1	98.5	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.2	99.2
≥ 500	8.1	92.2	94.2	95.9	98.1	98.5	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.2	99.4	99.4
≥ 400	8.1	92.2	94.2	95.9	98.1	98.5	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.2	99.4	99.4
≥ 300	8.1	92.2	94.2	95.9	98.1	98.5	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.2	99.4	99.4
≥ 200	8.1	92.2	94.2	95.9	98.1	98.5	98.7	98.9	99.2	99.2	99.4	99.4	99.4	99.5	99.7	99.7
≥ 100	8.1	92.2	94.2	95.9	98.1	98.5	98.7	98.9	99.2	99.2	99.4	99.4	99.4	99.7	100.0	100.0
≥ 0	8.1	92.2	94.2	95.9	98.1	98.5	98.7	98.9	99.2	99.2	99.4	99.4	99.4	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 617

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

42310 (STATION) SONDRESTROM GL (STATION NAME) 75-83 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	4.3	49.7	49.8	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.2	50.2
≥ 20000	4.4	51.5	51.6	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	52.0	52.0
≥ 18000	5.4	63.6	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	64.1	64.1
≥ 16000	5.6	64.3	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.8	64.8
≥ 14000	5.6	64.3	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.8	64.8
≥ 12000	5.6	64.6	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.1	65.1
≥ 10000	5.9	66.4	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.9	66.9
≥ 9000	5.9	67.7	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.2	68.2
≥ 8000	6.2	75.9	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.4	76.4
≥ 7000	6.6	81.8	82.1	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.8	82.8
≥ 6000	6.6	82.3	82.5	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.3	83.3
≥ 5000	6.7	83.0	83.1	83.4	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9	83.9
≥ 4500	6.7	83.1	83.1	83.4	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9	83.9
≥ 4000	6.9	83.9	84.3	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.1	85.1
≥ 3500	6.9	85.9	86.4	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.2	87.2
≥ 3000	7.1	88.0	88.7	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.2	90.2
≥ 2500	7.0	90.0	91.1	92.1	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.1	94.1
≥ 2000	7.2	92.1	93.3	95.2	97.0	97.0	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5
≥ 1800	7.2	92.5	93.8	95.7	97.5	97.5	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.0	98.0
≥ 1500	7.2	92.5	93.8	96.1	98.4	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.9	98.9
≥ 1200	7.2	92.5	93.8	96.1	98.4	98.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0
≥ 1000	7.4	92.6	93.9	96.2	98.5	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.2	99.2
≥ 900	7.4	92.6	93.9	96.2	98.5	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.2	99.2
≥ 800	7.4	92.8	94.1	96.4	98.7	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3
≥ 700	7.4	92.8	94.1	96.4	98.7	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3
≥ 600	7.4	92.8	94.1	96.4	98.7	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3
≥ 500	7.4	92.8	94.1	96.4	98.7	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3
≥ 400	7.4	92.8	94.1	96.4	98.7	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3
≥ 300	7.4	92.8	94.1	96.4	98.7	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3
≥ 200	7.4	92.8	94.1	96.4	98.7	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.7	99.7	99.8	99.8
≥ 100	7.4	92.8	94.1	96.4	98.7	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.7	99.7	100.0	100.0
≥ 0	7.4	92.8	94.1	96.4	98.7	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 610

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

4231 (STATION) SONDRESTROM GL (STATION NAME) 75-83 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (LST))

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	5.2	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	50.1	50.1
≥ 20000	5.4	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 18000	6.2	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 16000	6.2	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 14000	6.2	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 12000	6.2	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 10000	6.4	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 9000	6.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 8000	7.1	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 7000	7.5	83.5	83.5	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 6000	7.9	84.7	85.2	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 5000	7.9	85.2	85.7	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 4500	8.1	85.4	85.9	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 4000	8.1	86.2	86.6	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 3500	8.1	86.3	87.0	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 3000	8.3	88.9	91.3	91.1	91.1	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2500	8.3	91.4	93.0	94.0	94.4	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2000	8.3	92.2	94.1	95.1	95.7	96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1800	8.3	92.4	94.3	95.2	95.9	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1500	8.3	92.8	94.8	96.0	97.5	97.9	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200	8.3	92.8	94.8	96.0	97.5	97.9	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000	8.3	92.8	94.8	96.0	97.5	97.9	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 900	8.3	92.8	94.8	96.0	97.5	97.9	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	8.3	92.8	94.8	96.0	97.5	97.9	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 700	8.3	93.0	94.9	96.2	97.6	98.1	98.3	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0
≥ 600	8.3	93.0	94.9	96.2	97.6	98.1	98.3	98.7	98.9	98.9	99.0	99.2	99.4	99.4	99.4	99.4
≥ 500	8.3	93.0	94.9	96.2	97.6	98.1	98.3	98.7	98.9	98.9	99.0	99.2	99.4	99.4	99.4	99.4
≥ 400	8.3	93.0	94.9	96.2	97.6	98.1	98.3	98.7	98.9	98.9	99.0	99.2	99.4	99.4	99.4	99.4
≥ 300	8.3	93.0	94.9	96.2	97.6	98.1	98.3	98.7	98.9	98.9	99.0	99.2	99.4	99.4	99.4	99.4
≥ 200	8.3	93.0	94.9	96.2	97.6	98.1	98.3	98.7	98.9	98.9	99.0	99.2	99.8	99.8	99.8	99.8
≥ 100	8.3	93.0	94.9	96.2	97.6	98.1	98.3	98.7	98.9	98.9	99.0	99.2	99.8	99.8	100.0	100.0
≥ 0	8.3	93.0	94.9	96.2	97.6	98.1	98.3	98.7	98.9	98.9	99.0	99.2	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 629

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

42710 (STATION) SONDRESTROM GL (STATION NAME) 75-83 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	3.5	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.3	43.3	43.3	43.3	43.3	43.3
≥ 20000	3.5	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.2
≥ 18000	4.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.8	60.8	60.8	60.8	60.8	60.8
≥ 16000	4.6	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1
≥ 14000	4.6	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1
≥ 12000	4.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.1	62.1	62.1	62.1	62.1	62.1
≥ 10000	5.1	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.8	64.8	64.8	64.8	64.8	64.8
≥ 9000	5.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3
≥ 8000	5.4	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	74.0	74.0	74.0	74.0	74.0	74.0
≥ 7000	6.1	81.1	81.1	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7
≥ 6000	6.5	83.2	83.2	83.8	83.8	83.8	83.8	83.8	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0
≥ 5000	6.8	85.1	85.1	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9
≥ 4500	6.8	85.6	85.6	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3
≥ 4000	7.0	86.7	87.0	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8
≥ 3500	7.1	86.8	87.1	87.8	87.9	87.9	87.9	87.9	87.9	87.9	88.1	88.1	88.1	88.1	88.1	88.1
≥ 3000	7.1	88.6	89.4	90.6	90.8	91.0	91.1	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1
≥ 2500	7.1	90.0	91.0	92.7	94.4	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2000	7.1	90.0	91.0	92.9	94.8	95.4	95.4	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1800	7.1	90.2	91.1	93.0	94.9	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1500	7.1	91.6	92.5	94.6	96.8	97.6	97.6	97.8	97.8	98.1	98.3	98.3	98.4	98.4	98.4	98.4
≥ 1200	7.1	91.9	92.9	94.9	97.1	97.9	97.9	98.1	98.1	98.4	98.6	98.6	98.7	98.7	98.7	98.7
≥ 1000	7.1	91.9	92.9	95.1	97.3	98.1	98.3	98.4	98.4	98.7	98.9	98.9	99.0	99.0	99.0	99.0
≥ 900	7.1	91.9	92.9	95.1	97.3	98.1	98.3	98.4	98.4	98.7	98.9	98.9	99.0	99.0	99.0	99.0
≥ 800	7.1	91.9	92.9	95.1	97.3	98.1	98.3	98.4	98.4	98.7	98.9	98.9	99.0	99.0	99.0	99.0
≥ 700	7.1	91.9	92.9	95.1	97.3	98.1	98.3	98.4	98.4	98.7	98.9	98.9	99.0	99.0	99.0	99.0
≥ 600	7.1	91.9	92.9	95.1	97.3	98.1	98.3	98.4	98.4	98.9	99.0	99.0	99.4	99.4	99.4	99.4
≥ 500	7.1	91.9	92.9	95.1	97.3	98.1	98.3	98.4	98.4	98.9	99.0	99.0	99.4	99.4	99.4	99.4
≥ 400	7.1	91.9	92.9	95.1	97.3	98.1	98.3	98.4	98.4	98.9	99.0	99.0	99.5	99.5	99.5	99.5
≥ 300	7.1	91.9	92.9	95.1	97.3	98.1	98.3	98.4	98.4	98.9	99.0	99.0	99.5	99.5	99.5	99.5
≥ 200	7.1	91.9	92.9	95.1	97.3	98.1	98.3	98.4	98.4	98.9	99.2	99.2	99.8	100.0	100.0	100.0
≥ 100	7.1	91.9	92.9	95.1	97.3	98.1	98.3	98.4	98.4	98.9	99.2	99.2	99.8	100.0	100.0	100.0
≥ 0	7.1	91.9	92.9	95.1	97.3	98.1	98.3	98.4	98.4	98.9	99.2	99.2	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

42317 (STATION) SONDRESTROM GL (STATION NAME) 75-83 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	3.9	43.3	43.5	43.5	43.5	43.5	43.5	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
≥ 20000	4.1	45.4	45.5	45.5	45.5	45.5	45.5	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 18000	5.9	66.4	66.4	66.5	66.5	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 16000	5.9	66.5	66.8	67.0	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 14000	5.9	66.5	66.8	67.0	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 12000	6.1	68.1	68.4	68.5	68.5	68.5	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 10000	6.1	71.0	71.5	71.7	71.7	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 9000	6.4	72.8	73.2	73.4	73.4	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 8000	7.2	78.1	78.6	78.7	78.7	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 7000	7.8	84.2	84.7	85.0	85.0	85.1	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 6000	7.8	84.7	85.1	85.4	85.4	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 5000	7.8	85.4	85.9	86.2	86.2	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 4500	8.1	85.9	86.4	86.7	86.7	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 4000	8.1	86.7	87.3	87.8	88.1	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 3500	8.1	87.0	87.8	88.3	88.6	88.7	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 3000	8.1	88.9	90.0	90.5	91.1	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2500	8.1	90.3	91.9	92.5	93.4	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2000	8.1	90.5	92.2	92.8	94.1	95.3	95.6	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1800	8.1	90.6	92.3	93.0	94.2	95.5	95.8	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1500	8.1	91.1	92.8	93.4	95.1	96.4	96.7	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1200	8.3	91.4	93.4	94.1	95.8	97.0	97.3	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1000	8.3	92.2	94.1	94.7	96.4	97.7	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 900	8.3	92.0	94.1	94.7	96.4	97.7	98.1	98.3	98.3	98.4	98.4	98.6	98.6	98.4	98.4	98.4
≥ 800	8.3	92.0	94.1	94.7	96.4	97.7	98.0	98.3	98.3	98.4	98.6	98.6	98.6	98.7	98.7	98.7
≥ 700	8.3	92.0	94.1	94.7	96.4	97.7	98.1	98.3	98.3	98.4	98.6	98.6	98.7	98.7	98.7	98.7
≥ 600	8.3	92.0	94.2	94.8	96.6	97.8	98.1	98.4	98.4	98.7	98.9	98.9	99.5	99.5	99.5	99.5
≥ 500	8.3	92.0	94.2	94.8	96.6	97.8	98.1	98.4	98.4	98.7	98.9	98.9	99.5	99.5	99.5	99.5
≥ 400	8.3	92.0	94.2	94.8	96.6	97.8	98.1	98.4	98.4	98.7	98.9	98.9	99.5	99.5	99.5	99.5
≥ 300	8.3	92.0	94.2	94.8	96.6	97.8	98.1	98.4	98.4	98.7	98.9	98.9	99.5	99.5	99.5	99.5
≥ 200	8.3	92.0	94.2	94.8	96.6	97.8	98.1	98.4	98.4	98.7	99.2	99.2	100.0	100.0	100.0	100.0
≥ 100	8.3	92.0	94.2	94.8	96.6	97.8	98.1	98.4	98.4	98.7	99.2	99.2	100.0	100.0	100.0	100.0
≥ 0	8.3	92.0	94.2	94.8	96.6	97.8	98.1	98.4	98.4	98.7	99.2	99.2	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 639

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

42713 (STATION) SONDRESTROM GL (STATION NAME) 75-83 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (LST))

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2 7/8	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥5/8	≥1/2	≥5/16	≥¼	≥0
NO CEILING	4.2	43.5	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	44.3	44.3	44.0	44.0
≥ 20000	4.3	45.8	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.3	46.3	46.3	46.3
≥ 18000	6.1	64.9	65.2	65.2	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.5	65.7	65.7	65.7
≥ 16000	6.0	65.8	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.5	66.6	66.6	66.6
≥ 14000	6.1	65.8	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.5	66.6	66.6	66.6
≥ 12000	6.1	66.6	66.9	66.9	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.2	67.4	67.4	67.4
≥ 10000	6.5	72.6	72.9	73.2	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.7	73.8	73.8	73.8
≥ 9000	6.5	74.3	74.6	74.9	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.7	75.7	75.7
≥ 8000	6.9	77.5	77.8	78.2	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.8	78.9	78.9	78.9
≥ 7000	7.7	83.5	83.8	84.5	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.1	85.2	85.2	85.2
≥ 6000	7.8	84.3	84.6	85.2	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	86.0	86.2	86.2	86.2
≥ 5000	8.1	85.4	85.7	86.3	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.1	87.2	87.2	87.2
≥ 4500	8.1	85.4	85.7	86.3	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.1	87.2	87.2	87.2
≥ 4000	8.2	86.6	86.9	87.7	88.5	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.9	89.1	89.1	89.1
≥ 3500	8.2	87.4	87.7	88.6	89.5	89.7	89.9	89.8	89.8	89.8	89.8	89.8	90.0	90.2	90.2	90.2
≥ 3000	8.2	88.5	88.9	90.0	91.1	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.5	91.7	91.7	91.7
≥ 2500	8.2	90.3	91.1	92.5	94.5	94.8	95.2	95.4	95.4	95.4	95.4	95.4	95.5	95.7	95.7	95.7
≥ 2000	8.2	90.3	91.1	92.5	94.8	95.4	96.2	96.5	96.5	96.5	96.5	96.5	96.6	96.8	96.8	96.8
≥ 1800	8.2	90.3	91.1	92.5	94.8	95.4	96.2	96.5	96.5	96.5	96.5	96.5	96.6	96.8	96.8	96.8
≥ 1500	8.2	90.8	91.5	92.9	95.4	96.2	97.2	97.8	97.8	97.8	97.8	97.8	98.0	98.2	98.2	98.2
≥ 1200	8.2	91.1	92.0	93.4	95.8	96.6	97.7	98.3	98.3	98.3	98.3	98.3	98.5	98.6	98.6	98.6
≥ 1000	8.2	91.1	92.1	93.4	95.8	96.6	97.7	98.3	98.5	98.5	98.6	98.6	98.8	98.9	98.9	98.9
≥ 900	8.2	91.2	92.2	93.5	96.0	96.8	97.8	98.5	98.6	98.6	98.8	98.8	98.9	99.1	99.1	99.1
≥ 800	8.2	91.2	92.2	93.5	96.0	96.8	97.8	98.5	98.6	98.6	98.8	98.8	98.9	99.1	99.1	99.1
≥ 700	8.2	91.2	92.2	93.5	96.0	96.8	97.8	98.5	98.6	98.6	98.8	98.8	98.9	99.1	99.1	99.1
≥ 600	8.2	91.2	92.2	93.5	96.0	96.8	97.8	98.5	98.6	98.6	98.8	98.8	98.9	99.1	99.2	99.2
≥ 500	8.2	91.2	92.2	93.5	96.0	96.8	97.8	98.5	98.6	98.6	98.8	98.8	98.9	99.1	99.2	99.2
≥ 400	8.2	91.2	92.2	93.5	96.0	96.8	97.8	98.6	98.8	98.8	98.9	98.9	99.1	99.2	99.4	99.4
≥ 300	8.2	91.2	92.2	93.5	96.0	96.8	97.8	98.6	98.8	98.8	98.9	98.9	99.1	99.2	99.4	99.4
≥ 200	8.2	91.2	92.2	93.5	96.0	96.8	97.8	98.6	98.8	98.8	98.9	98.9	99.5	99.8	100.0	100.0
≥ 100	8.2	91.2	92.2	93.5	96.0	96.8	97.8	98.6	98.8	98.8	98.9	98.9	99.5	99.8	100.0	100.0
≥ 0	8.2	91.2	92.2	93.5	96.0	96.8	97.8	98.6	98.8	98.8	98.9	98.9	99.5	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 650

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

42310 (STATION) SONDRESTROM GL (STATION NAME) 75-83 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	3.8	51.2	51.2	51.2	51.2	51.3	51.3	51.3	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7
≥ 20000	3.8	53.6	53.7	53.7	53.7	53.9	53.9	53.9	54.0	54.0	54.2	54.2	54.2	54.2	54.2	54.2
≥ 18000	5.1	66.1	66.2	66.2	66.2	66.4	66.4	66.4	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7
≥ 16000	5.1	66.7	66.9	66.9	66.9	67.0	67.0	67.0	67.2	67.2	67.4	67.4	67.4	67.4	67.4	67.4
≥ 14000	5.2	66.9	67.0	67.0	67.0	67.2	67.2	67.2	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5
≥ 12000	5.2	68.1	68.3	68.3	68.3	68.5	68.5	68.5	68.6	68.6	68.8	68.8	68.8	68.8	68.8	68.8
≥ 10000	5.4	71.2	71.3	71.3	71.3	71.5	71.5	71.5	71.6	71.6	71.8	71.8	71.8	71.8	71.8	71.8
≥ 9000	5.7	74.0	74.2	74.2	74.2	74.3	74.3	74.3	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6
≥ 8000	6.0	78.3	78.4	78.4	78.4	78.6	78.6	78.6	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9
≥ 7000	7.1	84.0	84.5	84.5	84.5	84.6	84.6	84.6	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9
≥ 6000	7.4	84.9	85.4	85.6	85.6	85.7	85.7	85.7	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.1
≥ 5000	7.6	86.1	86.5	86.7	86.7	86.8	86.8	86.8	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.2
≥ 4500	7.6	86.1	86.5	86.7	86.7	86.8	86.8	86.8	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.2
≥ 4000	7.6	87.2	87.8	88.3	88.6	88.7	88.7	88.7	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1
≥ 3500	7.6	88.3	88.9	89.7	90.0	90.2	90.2	90.2	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5
≥ 3000	7.6	88.9	89.7	90.8	91.6	91.8	91.9	91.9	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2500	7.6	90.0	91.3	93.2	94.8	95.1	95.7	95.9	96.1	96.0	96.2	96.2	96.2	96.2	96.2	96.2
≥ 2000	7.6	90.6	92.1	94.1	95.9	96.8	97.8	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1800	7.6	90.6	92.1	94.1	95.9	96.8	97.8	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1500	7.8	90.8	92.2	94.3	96.0	97.0	97.9	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	7.8	90.8	92.2	94.3	96.0	97.0	98.1	98.6	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	7.8	90.8	92.2	94.3	96.0	97.0	98.3	98.7	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	7.8	90.8	92.2	94.3	96.2	97.0	98.3	98.7	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	7.8	91.0	92.4	94.5	96.2	97.1	98.4	98.9	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	7.8	91.0	92.4	94.5	96.2	97.1	98.4	98.9	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	7.8	91.1	92.6	94.6	96.4	97.3	98.6	99.0	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	7.8	91.1	92.6	94.6	96.4	97.3	98.6	99.0	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	7.8	91.1	92.6	94.6	96.4	97.3	98.6	99.0	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	7.8	91.1	92.6	94.6	96.4	97.3	98.6	99.0	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	7.8	91.1	92.6	94.6	96.4	97.3	98.9	99.4	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	7.8	91.1	92.6	94.6	96.4	97.3	98.9	99.4	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	7.8	91.1	92.6	94.6	96.4	97.3	98.9	99.4	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 631

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

42310 (STATION) SONDRESTROM GL (STATION NAME) 75-83 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2130-2300 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	6.7	56.5	56.6	56.6	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 20000	6.0	58.1	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 18000	6.8	67.2	67.4	67.4	67.4	67.5	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 16000	7.0	67.4	67.5	67.5	67.5	67.7	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 14000	7.1	67.5	67.7	67.7	67.7	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 12000	7.1	67.7	67.9	67.9	67.9	68.0	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 10000	7.1	70.2	70.4	70.4	70.4	70.5	70.5	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 9000	7.3	72.0	72.2	72.4	72.4	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 8000	8.1	79.5	79.8	80.0	80.1	80.3	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 7000	8.4	84.9	85.4	85.6	85.8	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 6000	8.6	85.4	86.1	86.4	86.6	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 5000	8.8	85.6	86.4	86.8	86.9	87.1	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 4500	8.8	85.9	86.8	87.1	87.3	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 4000	8.8	86.8	87.9	88.2	88.4	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 3500	8.9	87.3	88.4	88.7	88.9	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 3000	8.9	87.7	89.7	90.7	90.9	91.1	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2500	8.9	89.9	92.7	94.2	94.9	95.0	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2000	8.9	91.6	94.5	96.2	97.2	97.4	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1800	8.9	91.6	94.5	96.2	97.2	97.4	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1500	8.9	91.6	94.5	96.4	97.4	97.5	98.3	98.5	98.5	98.5	98.5	98.5	98.7	98.7	98.7	98.7
≥ 1200	8.9	91.6	94.5	96.4	97.4	97.5	98.3	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 1000	8.9	91.6	94.5	96.4	97.4	97.5	98.3	98.7	98.7	98.7	98.7	98.7	99.0	99.0	99.0	99.0
≥ 900	8.9	91.6	94.5	96.4	97.4	97.5	98.3	98.7	98.7	98.7	98.7	98.7	99.0	99.0	99.0	99.0
≥ 800	8.9	91.6	94.5	96.4	97.4	97.5	98.3	98.7	98.7	98.7	98.7	98.7	99.0	99.0	99.0	99.0
≥ 700	8.9	91.6	94.5	96.4	97.4	97.5	98.3	98.7	98.7	98.7	98.7	98.7	99.0	99.0	99.0	99.0
≥ 600	8.9	91.6	94.5	96.4	97.4	97.5	98.7	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5
≥ 500	8.9	91.6	94.5	96.4	97.4	97.5	98.7	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5
≥ 400	8.9	91.6	94.5	96.4	97.4	97.5	98.7	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5
≥ 300	8.9	91.6	94.5	96.4	97.4	97.5	98.7	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7
≥ 200	8.9	91.6	94.5	96.4	97.4	97.5	98.7	99.5	99.5	99.5	99.5	99.5	99.8	100.0	100.0	100.0
≥ 100	8.9	91.6	94.5	96.4	97.4	97.5	98.7	99.5	99.5	99.5	99.5	99.5	99.8	100.0	100.0	100.0
≥ 0	8.9	91.6	94.5	96.4	97.4	97.5	98.7	99.5	99.5	99.5	99.5	99.5	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 604

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

42310 (STATION) SONDRESTROM GL (STATION NAME) 75-83 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (LST))

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	4.6	49.1	49.2	49.3	49.3	49.3	49.3	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.5	49.5
≥ 20000	4.6	51.1	51.2	51.3	51.3	51.3	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.5	51.5
≥ 18000	5.8	65.3	65.3	65.3	65.3	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.4	65.4
≥ 16000	5.8	65.4	65.6	65.6	65.6	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.9	65.9
≥ 14000	5.9	65.5	65.6	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.9	65.9	65.9
≥ 12000	5.9	66.1	66.3	66.3	66.3	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.6	66.6
≥ 10000	6.1	69.2	69.4	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.8	69.8
≥ 9000	6.3	70.9	71.1	71.2	71.2	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.5	71.5
≥ 8000	6.7	77.4	77.6	77.7	77.8	77.9	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.1	78.1
≥ 7000	7.3	83.5	83.8	84.1	84.3	84.3	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5
≥ 6000	7.5	84.4	84.8	85.1	85.2	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.5
≥ 5000	7.7	85.2	85.6	85.9	86.1	86.1	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3
≥ 4500	7.7	85.4	85.7	86.1	86.2	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.5	86.5	86.5	86.5
≥ 4000	7.8	86.3	86.8	87.3	87.5	87.6	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.9	87.9
≥ 3500	7.8	87.0	87.6	88.1	88.4	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.8	88.8
≥ 3000	7.9	88.5	89.5	90.4	90.9	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3
≥ 2500	7.9	90.3	91.8	93.1	94.5	94.8	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2
≥ 2000	7.9	91.1	92.7	94.3	95.8	96.3	96.7	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.1	97.1
≥ 1800	7.9	91.3	92.9	94.4	96.0	96.5	96.9	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.3	97.3
≥ 1500	7.9	91.6	93.3	94.9	96.8	97.4	97.9	98.1	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4
≥ 1200	8.0	91.8	93.4	95.1	97.0	97.6	98.1	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6
≥ 1000	8.0	91.9	93.5	95.2	97.1	97.7	98.2	98.5	98.6	98.7	98.7	98.7	98.8	98.8	98.9	98.9
≥ 900	8.0	91.9	93.6	95.2	97.1	97.7	98.3	98.6	98.6	98.7	98.8	98.8	98.8	98.9	98.9	98.9
≥ 800	8.0	91.9	93.6	95.3	97.2	97.8	98.3	98.6	98.7	98.7	98.8	98.8	98.9	99.0	99.0	99.0
≥ 700	8.0	92.0	93.6	95.3	97.2	97.8	98.3	98.7	98.7	98.8	98.9	98.9	99.0	99.0	99.1	99.1
≥ 600	8.0	92.0	93.7	95.3	97.2	97.9	98.4	98.8	98.9	99.0	99.1	99.1	99.3	99.3	99.4	99.4
≥ 500	8.0	92.0	93.7	95.3	97.2	97.9	98.4	98.8	98.9	99.0	99.1	99.1	99.3	99.3	99.4	99.4
≥ 400	8.0	92.0	93.7	95.3	97.2	97.9	98.4	98.8	98.9	99.0	99.1	99.1	99.3	99.4	99.4	99.4
≥ 300	8.0	92.0	93.7	95.3	97.2	97.9	98.4	98.8	98.9	99.0	99.1	99.2	99.4	99.4	99.5	99.5
≥ 200	8.0	92.0	93.7	95.3	97.2	97.9	98.5	98.9	99.0	99.1	99.3	99.3	99.8	99.9	99.9	99.9
≥ 100	8.0	92.0	93.7	95.3	97.2	97.9	98.5	98.9	99.0	99.1	99.3	99.3	99.8	99.9	100.0	100.0
≥ 0	8.0	92.0	93.7	95.3	97.2	97.9	98.5	98.9	99.0	99.1	99.3	99.3	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 5010

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

42310 (STATION) SONDRESTROM GL (STATION NAME) 75-83 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	4.6	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 20000	4.6	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 18000	5.4	64.2	64.4	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
≥ 16000	5.4	64.2	64.4	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
≥ 14000	5.4	64.2	64.4	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	5.5	65.7	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 10000	5.8	72.1	72.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 9000	6.0	72.9	73.1	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 8000	6.6	80.8	81.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 7000	7.2	83.9	84.6	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.2
≥ 6000	7.3	85.8	86.6	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.2
≥ 5000	7.3	87.5	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	88.8
≥ 4500	7.3	88.2	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.6
≥ 4000	7.5	89.7	90.6	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.4
≥ 3500	7.6	90.3	91.2	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	92.0
≥ 3000	7.6	91.1	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.8
≥ 2500	7.9	92.5	93.6	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.6
≥ 2000	7.9	93.7	94.8	96.1	96.1	96.6	97.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.1
≥ 1800	7.9	94.0	95.1	96.4	96.6	97.0	97.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5
≥ 1500	7.9	94.3	95.4	96.7	97.0	97.5	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6
≥ 1200	7.9	94.5	95.5	96.9	97.2	97.6	98.8	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 1000	7.9	94.5	95.5	96.9	97.2	97.6	98.8	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0
≥ 900	7.9	94.5	95.5	96.9	97.2	97.6	98.8	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0
≥ 800	7.9	94.5	95.5	96.9	97.2	97.6	98.8	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0
≥ 700	7.9	94.5	95.5	96.9	97.2	97.6	98.8	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0
≥ 600	7.9	94.5	95.5	96.9	97.2	97.6	98.8	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0
≥ 500	7.9	94.5	95.5	96.9	97.2	97.6	98.8	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0
≥ 400	7.9	94.5	95.5	96.9	97.2	97.6	98.8	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0
≥ 300	7.9	94.5	95.5	96.9	97.2	97.6	98.8	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0
≥ 200	7.9	94.5	95.5	96.9	97.2	97.6	98.8	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0
≥ 100	7.9	94.5	95.5	96.9	97.2	97.6	98.8	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0
≥ 0	7.9	94.5	95.5	96.9	97.2	97.6	98.8	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 671

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

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

42310 (STATION) SONDRESTROM GL (STATION NAME) 75-83 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	4.5	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	50.3	50.3
≥ 20000	4.5	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	53.7
≥ 18000	5.2	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 16000	5.2	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 14000	5.2	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 12000	5.2	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 10000	5.6	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 9000	5.8	71.1	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 8000	6.2	79.4	79.5	79.8	79.8	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 7000	6.8	84.3	84.6	84.9	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.2
≥ 6000	6.8	85.3	85.6	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.4
≥ 5000	6.8	87.1	87.4	87.8	87.8	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.1
≥ 4500	6.8	87.4	87.8	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.6
≥ 4000	6.8	89.0	89.5	89.9	89.9	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.2
≥ 3500	6.8	90.5	90.9	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.7
≥ 3000	7.1	92.3	93.1	93.6	93.6	93.6	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9
≥ 2500	7.1	93.5	94.2	94.8	94.8	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.1
≥ 2000	7.1	95.4	96.1	96.7	97.2	97.2	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.4
≥ 1800	7.1	95.7	96.4	97.0	97.5	97.5	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.7
≥ 1500	7.1	95.7	96.4	97.0	97.8	97.8	98.5	98.7	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.4
≥ 1200	7.1	95.7	96.4	97.0	97.8	97.8	98.5	98.7	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.4
≥ 1000	7.1	95.7	96.4	97.0	97.8	97.8	98.5	98.7	99.1	99.3	99.3	99.6	99.7	99.7	99.7	99.9
≥ 900	7.1	95.7	96.4	97.0	97.8	97.8	98.5	98.7	99.1	99.3	99.3	99.6	99.7	99.7	99.7	99.9
≥ 800	7.1	95.7	96.4	97.0	97.8	97.8	98.5	98.7	99.1	99.3	99.3	99.6	99.9	99.9	99.9	100.0
≥ 700	7.1	95.7	96.4	97.0	97.8	97.8	98.5	98.7	99.1	99.3	99.3	99.6	99.9	99.9	99.9	100.0
≥ 600	7.1	95.7	96.4	97.0	97.8	97.8	98.5	98.7	99.1	99.3	99.3	99.6	99.9	99.9	99.9	100.0
≥ 500	7.1	95.7	96.4	97.0	97.8	97.8	98.5	98.7	99.1	99.3	99.3	99.6	99.9	99.9	99.9	100.0
≥ 400	7.1	95.7	96.4	97.0	97.8	97.8	98.5	98.7	99.1	99.3	99.3	99.6	99.9	99.9	99.9	100.0
≥ 300	7.1	95.7	96.4	97.0	97.8	97.8	98.5	98.7	99.1	99.3	99.3	99.6	99.9	99.9	99.9	100.0
≥ 200	7.1	95.7	96.4	97.0	97.8	97.8	98.5	98.7	99.1	99.3	99.3	99.6	99.9	99.9	99.9	100.0
≥ 100	7.1	95.7	96.4	97.0	97.8	97.8	98.5	98.7	99.1	99.3	99.3	99.6	99.9	99.9	99.9	100.0
≥ 0	7.1	95.7	96.4	97.0	97.8	97.8	98.5	98.7	99.1	99.3	99.3	99.6	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 674

USAF ETAC FORM NO. 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[redacted] (STATION) SONDRESTROM GL (STATION NAME) 75-87 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	5.6	45.4	45.4	45.4	45.4	45.6	45.6	45.6	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 20000	6.1	51.1	51.1	51.1	51.1	51.3	51.3	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 18000	7.3	64.7	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 16000	7.4	64.8	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 14000	7.4	64.8	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 12000	7.4	65.1	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 10000	7.4	69.5	69.8	69.8	69.8	69.9	69.9	69.9	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 9000	7.4	71.5	71.8	71.8	71.8	71.9	71.9	71.9	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 8000	7.5	78.2	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 7000	8.1	84.0	84.3	84.6	84.8	84.9	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 6000	8.4	85.6	85.9	86.2	86.3	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 5000	8.4	87.3	87.5	87.7	88.0	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 4500	8.4	87.2	87.7	88.2	88.5	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 4000	8.5	88.7	89.5	90.3	90.6	90.7	90.7	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 3500	8.5	89.7	90.5	91.3	91.6	91.7	91.7	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 3000	8.5	91.5	92.5	93.6	94.0	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2500	8.5	92.6	93.6	95.0	95.6	95.7	95.7	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 2000	8.5	93.7	95.0	96.4	97.3	97.7	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1800	8.5	94.2	95.4	96.9	97.7	98.1	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500	8.7	94.6	95.9	97.3	98.1	98.9	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	8.7	94.7	96.1	97.4	98.3	99.0	99.3	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	8.7	94.7	96.1	97.4	98.3	99.0	99.3	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	8.7	94.7	96.1	97.4	98.3	99.0	99.3	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	8.7	94.7	96.0	97.4	98.3	99.0	99.3	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	8.7	94.7	96.0	97.4	98.3	99.0	99.3	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	8.7	94.7	96.0	97.4	98.3	99.0	99.3	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	8.7	94.7	96.1	97.4	98.3	99.0	99.3	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	8.7	94.7	96.1	97.4	98.3	99.0	99.3	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	8.7	94.7	96.0	97.4	98.3	99.0	99.3	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	8.7	94.7	96.0	97.4	98.3	99.0	99.3	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	8.7	94.7	96.1	97.4	98.3	99.0	99.3	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	8.7	94.7	96.0	97.4	98.3	99.0	99.3	99.4	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 702

USAF ETAC FORM 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] (STATION) SONDRESTROM GL (STATION NAME) 75-83 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	3.9	43.6	43.6	43.6	43.6	43.6	43.6	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
≥ 20000	3.9	47.6	47.8	47.8	47.8	47.8	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 18000	5.6	70.5	70.8	70.9	70.9	70.9	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 16000	5.8	70.6	70.9	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 14000	5.8	70.6	70.9	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 12000	5.8	70.9	71.2	71.3	71.3	71.3	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 10000	5.8	73.1	73.4	73.5	73.5	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 9000	5.9	74.2	74.5	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 8000	6.4	80.6	80.9	81.2	81.3	81.3	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 7000	6.8	83.4	84.1	84.5	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 6000	6.8	84.2	84.9	85.4	86.0	86.0	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 5000	6.9	85.7	86.7	87.3	87.8	87.8	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 4500	6.9	86.3	87.4	88.0	88.6	88.6	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 4000	7.1	87.4	89.1	89.9	90.4	90.6	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 3500	7.1	88.9	9[illegible].6	91.3	91.6	92.0	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 3000	7.1	9[illegible].2	91.9	93.1	93.9	94.2	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 2500	7.1	90.4	92.3	93.5	94.4	95.1	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 2000	7.1	92.2	94.1	95.2	96.2	97.0	97.4	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1800	7.1	93.1	94.9	96.1	97.1	97.8	98.3	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500	7.1	93.5	95.4	96.5	97.7	98.4	99.0	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	7.1	93.6	95.5	96.7	97.8	98.6	99.1	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	7.1	93.6	95.5	96.7	97.8	98.6	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	7.1	93.6	95.5	96.7	97.8	98.6	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	7.1	93.6	95.5	96.7	97.8	98.6	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	7.1	93.6	95.5	96.7	97.8	98.6	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	7.1	93.6	95.5	96.7	97.8	98.6	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	7.1	93.6	95.5	96.7	97.8	98.6	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	7.1	93.6	95.5	96.7	97.8	98.6	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	7.1	93.6	95.5	96.7	97.8	98.6	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	7.1	93.6	95.5	96.7	97.8	98.6	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	7.1	93.6	95.5	96.7	97.8	98.6	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	7.1	93.6	95.5	96.7	97.8	98.6	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 691

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

[illegible] SONDRESTROM GL 75-83 MAR
STATION STATION NAME YEARS 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	3.5	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
≥ 20000	3.5	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	49.0	49.0
≥ 18000	5.1	73.8	74.6	74.7	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 16000	5.1	74.0	74.9	75.0	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 14000	5.1	74.3	75.1	75.3	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 12000	5.1	75.0	75.8	76.0	76.1	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 10000	5.1	77.6	78.5	78.6	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 9000	5.1	79.0	79.9	80.0	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 8000	5.6	83.2	84.0	84.2	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 7000	6.1	87.5	88.5	89.2	89.4	89.7	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 6000	6.3	88.6	89.6	90.3	90.6	90.8	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 5000	6.3	89.4	90.4	91.1	91.4	91.7	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 4500	6.3	89.7	90.7	91.4	91.7	91.9	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 4000	6.3	91.4	92.5	93.2	93.5	93.8	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 3500	6.3	91.7	92.9	93.9	94.3	94.6	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 3000	6.3	92.1	93.3	94.3	94.9	95.3	95.5	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 2500	6.3	92.8	94.0	95.1	96.0	96.8	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 2000	6.3	94.0	95.3	96.4	97.2	98.2	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1800	6.3	94.2	95.4	96.5	97.4	98.3	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	6.3	94.3	95.7	96.8	97.6	98.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	6.3	94.3	95.7	96.8	97.6	98.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	6.3	94.3	95.7	96.8	97.6	98.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	6.3	94.3	95.7	96.8	97.6	98.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	6.3	94.3	95.7	96.8	97.6	98.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	6.3	94.3	95.7	96.8	97.6	98.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	6.3	94.3	95.7	96.8	97.6	98.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	6.3	94.3	95.7	96.8	97.6	98.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	6.3	94.3	95.7	96.8	97.6	98.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	6.3	94.3	95.7	96.8	97.6	98.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	6.3	94.3	95.7	96.8	97.6	98.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	6.3	94.3	95.7	96.8	97.6	98.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	6.3	94.3	95.7	96.8	97.6	98.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

42313 (STATION) SONDRESTROM GL (STATION NAME) 75-83 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (LST))

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	4.5	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
≥ 20000	4.8	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 18000	6.4	74.5	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 16000	6.4	74.9	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 14000	6.4	74.9	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 12000	6.6	76.5	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	77.0
≥ 10000	7.1	78.3	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 9000	7.1	79.7	80.1	80.4	80.4	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 8000	7.3	85.2	85.6	86.1	86.1	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 7000	8.4	89.9	90.5	91.0	91.2	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 6000	8.4	91.0	91.6	92.2	92.3	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 5000	8.4	91.3	91.9	92.4	92.6	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 4500	8.4	91.6	92.2	92.7	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 4000	8.5	93.3	94.0	94.5	94.7	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 3500	8.5	94.1	94.8	95.4	95.5	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 3000	8.5	94.5	95.7	96.2	96.6	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 2500	8.7	95.0	96.1	96.6	97.1	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 2000	8.7	95.8	96.9	97.5	97.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800	8.7	95.9	97.1	97.6	98.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	8.7	95.9	97.1	97.6	98.0	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	8.7	95.9	97.1	97.6	98.0	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	8.7	95.9	97.1	97.6	98.0	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	8.7	95.9	97.1	97.6	98.0	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	8.7	95.9	97.1	97.6	98.0	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	8.7	95.9	97.1	97.6	98.0	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	8.7	95.9	97.1	97.6	98.0	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	8.7	95.9	97.1	97.6	98.0	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	8.7	95.9	97.1	97.6	98.0	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	8.7	95.9	97.1	97.6	98.0	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	8.7	95.9	97.1	97.6	98.0	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	8.7	95.9	97.1	97.6	98.0	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	8.7	95.9	97.1	97.6	98.0	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 714

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

42313 (STATION) SONDRESTROM GL (STATION NAME) 75-83 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	4.3	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
≥ 20000	4.9	49.7	49.7	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
≥ 18000	6.4	69.4	69.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 16000	6.4	69.4	69.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 14000	6.6	69.6	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 12000	6.7	71.6	71.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 10000	7.1	75.1	75.6	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 9000	7.3	76.1	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 8000	7.9	83.1	83.7	84.0	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 7000	8.3	87.4	88.1	88.4	88.6	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 6000	8.3	88.1	89.0	89.3	89.4	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 5000	8.3	89.1	90.0	90.3	90.4	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 4500	8.3	89.9	90.7	91.0	91.1	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 4000	8.3	91.1	92.1	92.6	92.9	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 3500	8.3	92.6	93.6	94.0	94.3	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 3000	8.3	93.4	94.7	95.1	95.9	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2500	8.3	93.9	95.1	95.6	96.4	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2000	8.3	94.6	95.9	96.3	97.3	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1800	8.3	95.1	96.4	96.9	97.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500	8.3	95.3	96.6	97.0	98.0	99.0	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	8.3	95.3	96.6	97.0	98.0	99.0	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	8.3	95.3	96.6	97.0	98.0	99.0	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	8.3	95.3	96.6	97.0	98.0	99.0	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	8.3	95.3	96.6	97.0	98.0	99.0	99.1	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 700	8.3	95.3	96.6	97.0	98.0	99.0	99.1	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 600	8.3	95.3	96.6	97.0	98.0	99.0	99.1	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 500	8.3	95.3	96.6	97.0	98.0	99.0	99.1	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	8.3	95.3	96.6	97.0	98.0	99.0	99.1	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	8.3	95.3	96.6	97.0	98.0	99.0	99.1	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	8.3	95.3	96.6	97.0	98.0	99.0	99.1	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	8.3	95.3	96.6	97.0	98.0	99.0	99.1	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	8.3	95.3	96.6	97.0	98.0	99.0	99.1	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 700

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

4231 (STATION) SONDRESTROM GL (STATION NAME) 75-83 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	5.6	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 20000	5.6	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 18000	7.6	66.7	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 16000	7.6	66.7	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 14000	7.6	66.7	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 12000	7.6	67.5	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 10000	7.9	72.7	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 9000	8.0	73.7	74.0	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 8000	8.5	81.4	82.3	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 7000	9.1	83.3	83.9	84.8	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 6000	9.2	84.9	86.1	87.0	87.4	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 5000	9.5	86.5	87.6	88.6	89.0	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 4500	9.5	87.0	88.0	89.0	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 4000	9.5	87.6	88.6	89.6	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 3500	9.5	88.6	89.9	90.9	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 3000	9.5	89.5	91.1	92.3	93.1	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2500	9.5	90.4	92.1	93.4	94.3	94.3	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 2000	9.5	92.0	93.7	95.0	96.1	96.8	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1800	9.5	92.3	94.0	95.3	96.3	97.1	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1500	9.5	92.7	94.4	95.8	96.8	97.5	98.4	99.3	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 1200	9.5	92.7	94.4	95.8	96.8	97.5	98.4	99.3	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 1000	9.5	92.7	94.4	95.8	96.8	97.5	98.4	99.3	99.4	99.6	99.7	99.7	100.0	100.0	100.0	100.0
≥ 900	9.5	92.7	94.4	95.8	96.8	97.5	98.4	99.3	99.4	99.6	99.7	99.7	100.0	100.0	100.0	100.0
≥ 800	9.5	92.7	94.4	95.8	96.8	97.5	98.4	99.3	99.4	99.6	99.7	99.7	100.0	100.0	100.0	100.0
≥ 700	9.5	92.7	94.4	95.8	96.8	97.5	98.4	99.3	99.4	99.6	99.7	99.7	100.0	100.0	100.0	100.0
≥ 600	9.5	92.7	94.4	95.8	96.8	97.5	98.4	99.3	99.4	99.6	99.7	99.7	100.0	100.0	100.0	100.0
≥ 500	9.5	92.7	94.4	95.8	96.8	97.5	98.4	99.3	99.4	99.6	99.7	99.7	100.0	100.0	100.0	100.0
≥ 400	9.5	92.7	94.4	95.8	96.8	97.5	98.4	99.3	99.4	99.6	99.7	99.7	100.0	100.0	100.0	100.0
≥ 300	9.5	92.7	94.4	95.8	96.8	97.5	98.4	99.3	99.4	99.6	99.7	99.7	100.0	100.0	100.0	100.0
≥ 200	9.5	92.7	94.4	95.8	96.8	97.5	98.4	99.3	99.4	99.6	99.7	99.7	100.0	100.0	100.0	100.0
≥ 100	9.5	92.7	94.4	95.8	96.8	97.5	98.4	99.3	99.4	99.6	99.7	99.7	100.0	100.0	100.0	100.0
≥ 0	9.5	92.7	94.4	95.8	96.8	97.5	98.4	99.3	99.4	99.6	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 684

USAF ETAC FORM NO. 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

42310 (STATION) SONDRESTROM GL (STATION NAME) 75-83 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	4.5	46.1	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
≥ 20000	4.7	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 18000	6.1	68.4	68.8	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 16000	6.2	68.6	68.9	69.1	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 14000	6.2	68.6	68.9	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 12000	6.2	69.7	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 10000	6.5	73.5	73.9	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 9000	6.6	74.8	75.2	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 8000	7.0	81.5	82.1	82.3	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 7000	7.6	85.5	86.1	86.6	86.8	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 6000	7.7	86.8	87.4	88.0	88.2	88.4	88.4	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 5000	7.7	88.1	88.7	89.3	89.5	89.7	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 4500	7.7	88.4	89.2	89.8	90.0	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 4000	7.8	89.8	90.8	91.4	91.7	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 3500	7.8	90.8	91.8	92.5	92.8	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.3
≥ 3000	7.8	91.8	93.0	93.9	94.4	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2500	7.9	92.6	93.9	94.8	95.4	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2
≥ 2000	7.9	93.9	95.2	96.2	96.9	97.6	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5
≥ 1800	7.9	94.3	95.6	96.6	97.3	98.1	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1500	7.9	94.5	95.9	96.9	97.6	98.4	99.0	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥ 1200	7.9	94.6	95.9	96.9	97.7	98.4	99.1	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 1000	7.9	94.6	95.9	96.9	97.7	98.4	99.1	99.5	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0
≥ 900	7.9	94.6	95.9	96.9	97.7	98.4	99.1	99.5	99.6	99.8	99.8	99.9	99.9	99.9	99.9	100.0
≥ 800	7.9	94.6	95.9	96.9	97.7	98.4	99.1	99.5	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0
≥ 700	7.9	94.6	95.9	96.9	97.7	98.4	99.1	99.5	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0
≥ 600	7.9	94.6	95.9	96.9	97.7	98.4	99.1	99.5	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0
≥ 500	7.9	94.6	95.9	96.9	97.7	98.4	99.1	99.5	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0
≥ 400	7.9	94.6	95.9	96.9	97.7	98.4	99.1	99.5	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0
≥ 300	7.9	94.6	95.9	96.9	97.7	98.4	99.1	99.5	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0
≥ 200	7.9	94.6	95.9	96.9	97.7	98.4	99.1	99.5	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0
≥ 100	7.9	94.6	95.9	96.9	97.7	98.4	99.1	99.5	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0
≥ 0	7.9	94.6	95.9	96.9	97.7	98.4	99.1	99.5	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 5556

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

4231? SONDRESTROM GL 75-8? APR
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	3.1	44.1	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.7	44.7	44.7	44.7	44.7
≥ 20000	3.2	46.3	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.9	46.9	46.9	46.9	46.9
≥ 18000	4.1	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.4	58.4	58.4	58.4	58.4
≥ 16000	4.3	57.9	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.5	58.5	58.5	58.5	58.5
≥ 14000	4.3	57.9	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.5	58.5	58.5	58.5	58.5
≥ 12000	4.3	58.5	58.8	58.9	58.9	58.9	59.1	59.1	59.1	59.1	59.1	59.4	59.4	59.4	59.4	59.4
≥ 10000	4.3	62.3	62.6	62.8	62.8	62.8	62.9	62.9	62.9	62.9	62.9	63.2	63.2	63.2	63.2	63.2
≥ 9000	4.4	63.6	63.9	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.5	64.5	64.5	64.5	64.5
≥ 8000	4.8	71.3	71.8	72.0	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.4	72.4	72.4	72.4	72.4
≥ 7000	6.1	78.2	78.9	79.0	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.5	79.5	79.5	79.5	79.5
≥ 6000	6.2	80.1	80.8	80.9	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.4	81.4	81.4	81.4	81.4
≥ 5000	6.3	81.8	82.8	83.0	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.6	83.6	83.6	83.6	83.6
≥ 4500	6.3	82.1	83.1	83.3	83.4	83.4	83.6	83.6	83.6	83.6	83.6	83.9	83.9	83.9	83.9	83.9
≥ 4000	6.3	82.6	83.6	83.7	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.3	84.3	84.3	84.3	84.3
≥ 3500	6.5	85.3	86.4	86.5	86.7	86.7	86.8	86.8	86.8	86.8	86.8	87.1	87.1	87.1	87.1	87.1
≥ 3000	6.5	87.7	89.0	89.3	89.6	89.6	89.9	89.9	89.9	89.9	89.9	90.2	90.2	90.2	90.2	90.2
≥ 2500	6.5	89.1	91.5	92.1	92.4	92.5	92.8	92.8	92.8	92.8	92.8	93.1	93.1	93.1	93.1	93.1
≥ 2000	6.6	90.8	93.1	93.8	94.4	94.7	95.3	95.5	95.5	95.5	95.5	95.7	95.7	95.7	95.7	95.7
≥ 1800	6.6	91.2	93.5	94.3	94.9	95.3	96.0	96.3	96.3	96.3	96.3	96.6	96.6	96.6	96.6	96.6
≥ 1500	6.6	92.2	94.6	95.5	96.2	96.8	97.8	98.5	98.5	98.8	98.8	99.1	99.1	99.1	99.1	99.1
≥ 1200	6.6	92.2	94.6	95.5	96.2	96.8	97.8	98.8	98.8	98.8	99.1	99.1	99.4	99.4	99.4	99.4
≥ 1000	6.6	92.2	94.6	95.5	96.2	96.8	97.8	98.8	99.0	99.3	99.3	99.6	99.6	99.6	99.6	99.6
≥ 900	6.6	92.2	94.6	95.5	96.2	96.8	97.8	98.8	99.0	99.3	99.3	99.6	99.6	99.6	99.6	99.6
≥ 800	6.6	92.4	94.7	95.6	96.3	96.9	97.9	99.0	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7
≥ 700	6.6	92.4	94.7	95.6	96.3	96.9	97.9	99.0	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7
≥ 600	6.6	92.4	94.7	95.6	96.3	96.9	97.9	99.0	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7
≥ 500	6.6	92.4	94.7	95.6	96.3	96.9	97.9	99.1	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9
≥ 400	6.6	92.4	94.7	95.6	96.3	96.9	97.9	99.1	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9
≥ 300	6.6	92.4	94.7	95.6	96.3	96.9	97.9	99.1	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9
≥ 200	6.6	92.4	94.7	95.6	96.3	96.9	97.9	99.1	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9
≥ 100	6.6	92.4	94.7	95.6	96.3	96.9	97.9	99.1	99.3	99.6	99.7	100.0	100.0	100.0	100.0	100.0
≥ 0	6.6	92.4	94.7	95.6	96.3	96.9	97.9	99.1	99.3	99.6	99.7	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 682

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

4231? (STATION) SONDRESTROM GL (STATION NAME) 75-83 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2 7/8	≥2	≥1 1/2	≥1 1/4	≥1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 4	≥0
NO CEILING	2.5	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 20000	2.5	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.1	42.1	42.1	42.1	42.1	42.1	42.1
≥ 18000	3.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 16000	3.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 14000	3.1	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 12000	3.1	53.9	54.2	54.2	54.4	54.4	54.4	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 10000	3.5	57.4	57.7	57.7	57.9	57.9	57.9	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 9000	3.5	58.2	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 8000	3.8	67.9	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 7000	4.4	75.4	75.8	76.1	76.2	76.2	76.2	76.2	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 6000	4.4	78.6	79.2	79.6	79.7	79.7	79.7	79.7	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 5000	4.4	80.2	80.8	81.2	81.5	81.5	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 4500	4.5	80.3	80.9	81.3	81.6	81.6	81.6	81.6	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 4000	4.5	81.6	82.7	83.2	83.5	83.5	83.5	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 3500	4.7	84.0	85.4	86.2	86.4	86.4	86.4	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 3000	4.8	87.3	89.2	89.9	90.4	90.7	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 2500	4.8	88.5	90.4	91.3	91.8	92.4	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 2000	4.8	90.2	92.1	93.4	94.5	95.5	95.8	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1800	4.8	90.5	92.4	93.7	94.8	95.8	96.1	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1500	5.1	92.1	94.3	95.8	96.8	97.8	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1200	5.1	92.1	94.5	95.9	96.9	98.0	98.5	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	5.1	92.1	94.5	95.9	96.9	98.0	98.5	98.7	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	5.1	92.1	94.5	95.9	96.9	98.0	98.5	98.7	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	5.1	92.1	94.5	95.9	96.9	98.0	98.5	98.7	99.0	99.3	99.4	99.4	99.6	99.6	99.6	99.6
≥ 700	5.1	92.1	94.5	95.9	96.9	98.0	98.5	98.7	99.0	99.3	99.4	99.4	99.6	99.6	99.6	99.6
≥ 600	5.1	92.1	94.5	95.9	96.9	98.0	98.5	98.7	99.0	99.3	99.4	99.4	99.6	99.6	99.6	99.6
≥ 500	5.1	92.1	94.5	95.9	96.9	98.0	98.5	98.7	99.0	99.3	99.4	99.4	99.6	99.6	99.6	99.6
≥ 400	5.1	92.1	94.5	95.9	96.9	98.0	98.5	98.7	99.0	99.3	99.4	99.4	99.6	99.6	99.6	99.6
≥ 300	5.1	92.1	94.5	95.9	96.9	98.0	98.5	98.7	99.0	99.3	99.4	99.4	99.6	99.6	99.6	99.6
≥ 200	5.1	92.1	94.5	96.1	97.1	98.1	98.7	98.8	99.1	99.4	99.6	99.6	99.7	99.9	99.9	99.9
≥ 100	5.1	92.1	94.5	96.1	97.1	98.1	98.7	98.8	99.1	99.4	99.6	99.6	99.7	99.9	99.9	100.0
≥ 0	5.1	92.1	94.5	96.1	97.1	98.1	98.7	98.8	99.1	99.4	99.6	99.6	99.7	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 686

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

42310 (STATION) SONDRESTROM GL (STATION NAME) 75-83 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	2.5	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
≥ 20000	2.6	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
≥ 18000	3.8	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.9	56.9	56.9	56.9
≥ 16000	3.8	57.0	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.5	57.5	57.5	57.5
≥ 14000	3.8	57.0	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.5	57.5	57.5	57.5
≥ 12000	3.9	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.9	57.9	57.9	57.9
≥ 10000	4.2	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	63.0	63.0	63.0	63.0
≥ 9000	4.4	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	64.0	64.0	64.0	64.0
≥ 8000	4.5	70.0	70.1	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	71.0	71.0	71.0	71.0
≥ 7000	5.5	78.5	78.7	79.7	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.3	80.3	80.3	80.3
≥ 6000	6.1	82.0	82.1	83.2	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.7	83.7	83.7	83.7
≥ 5000	6.1	83.3	83.5	84.5	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.2	85.2	85.2	85.2
≥ 4500	6.1	83.7	83.9	84.9	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.8	85.8	85.8	85.8
≥ 4000	6.2	85.1	85.3	86.4	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.2	87.2	87.2	87.2
≥ 3500	6.2	86.2	86.6	87.7	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.5	88.5	88.5	88.5
≥ 3000	6.4	89.3	90.0	91.6	92.5	92.9	92.9	93.2	93.2	93.2	93.2	93.2	93.5	93.5	93.5	93.5
≥ 2500	6.4	90.6	91.3	93.0	94.0	94.6	94.8	95.1	95.1	95.1	95.1	95.1	95.4	95.4	95.4	95.4
≥ 2000	6.4	91.9	92.7	94.8	96.1	96.7	97.4	97.7	97.7	97.7	97.7	97.7	98.0	98.0	98.0	98.0
≥ 1800	6.4	92.6	93.5	95.5	96.8	97.4	98.1	98.4	98.4	98.4	98.4	98.4	98.7	98.7	98.7	98.7
≥ 1500	6.4	93.3	94.2	96.2	97.5	98.1	99.1	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7
≥ 1200	6.4	93.3	94.2	96.2	97.5	98.1	99.1	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7
≥ 1000	6.4	93.3	94.2	96.2	97.5	98.1	99.1	99.4	99.4	99.6	99.6	99.6	99.9	99.9	99.9	99.9
≥ 900	6.4	93.3	94.2	96.2	97.5	98.1	99.1	99.4	99.4	99.6	99.6	99.6	99.9	99.9	99.9	99.9
≥ 800	6.4	93.3	94.2	96.2	97.5	98.1	99.1	99.4	99.4	99.6	99.6	99.6	99.9	99.9	99.9	99.9
≥ 700	6.5	93.5	94.3	96.4	97.7	98.3	99.3	99.6	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0
≥ 600	6.5	93.5	94.3	96.4	97.7	98.3	99.3	99.6	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0
≥ 500	6.5	93.5	94.3	96.4	97.7	98.3	99.3	99.6	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0
≥ 400	6.5	93.5	94.3	96.4	97.7	98.3	99.3	99.6	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0
≥ 300	6.5	93.5	94.3	96.4	97.7	98.3	99.3	99.6	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0
≥ 200	6.5	93.5	94.3	96.4	97.7	98.3	99.3	99.6	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0
≥ 100	6.5	93.5	94.3	96.4	97.7	98.3	99.3	99.6	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0
≥ 0	6.5	93.5	94.3	96.4	97.7	98.3	99.3	99.6	99.6	99.7	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 689

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

42310 (STATION) SONDRESTROM GL (STATION NAME) 75-83 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	3.1	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 20000	3.4	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 18000	4.0	62.8	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 16000	4.0	62.9	63.5	63.8	63.8	63.8	63.8	63.8	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 14000	4.1	63.1	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 12000	4.0	63.5	64.1	64.4	64.4	64.4	64.4	64.4	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 10000	4.3	66.5	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 9000	4.5	68.0	68.8	69.0	69.0	69.2	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 8000	4.6	72.2	72.9	73.4	73.4	73.5	73.5	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 7000	5.8	79.9	81.0	82.0	82.0	82.1	82.1	82.1	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 6000	6.3	83.0	84.1	85.1	85.1	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 5000	6.4	84.5	85.6	86.6	86.8	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 4500	6.4	85.0	86.0	87.1	87.2	87.8	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 4000	6.4	86.2	87.2	88.2	88.5	89.1	89.1	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 3500	6.4	87.1	88.2	89.3	89.6	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 3000	6.5	89.9	91.2	92.4	92.7	93.3	93.3	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2500	6.5	91.2	92.9	94.2	94.8	95.4	95.7	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2000	6.5	92.7	94.5	96.1	96.9	97.5	97.8	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1800	6.5	93.0	94.8	96.4	97.2	97.8	98.1	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1500	6.5	93.6	95.4	97.2	97.9	98.5	98.8	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	6.5	93.8	95.5	97.3	98.1	98.7	99.0	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	6.5	93.8	95.8	97.6	98.4	99.0	99.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	6.5	93.8	95.8	97.6	98.4	99.0	99.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	6.5	93.8	95.8	97.6	98.4	99.0	99.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	6.5	93.8	95.8	97.6	98.5	99.1	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	6.5	93.8	95.8	97.6	98.5	99.1	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	6.5	93.8	95.8	97.6	98.5	99.1	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	6.5	93.8	95.8	97.6	98.5	99.1	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	6.5	93.8	95.8	97.6	98.5	99.1	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	6.5	93.8	95.8	97.6	98.5	99.1	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	6.5	93.8	95.8	97.6	98.5	99.1	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	6.5	93.8	95.8	97.6	98.5	99.1	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 672

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

042317 (STATION) SONDRESTROM GL (STATION NAME) 75-87 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	2.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 20000	2.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 18000	3.9	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 16000	3.9	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 14000	4.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 12000	4.1	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 10000	4.2	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 9000	4.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 8000	4.7	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 7000	5.4	81.8	81.9	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 6000	5.7	84.5	84.7	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 5000	5.8	85.7	85.9	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 4500	5.8	86.3	86.4	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 4000	5.8	88.5	88.6	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 3500	6.1	90.2	90.4	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 3000	6.1	92.9	93.1	94.0	94.3	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 2500	6.1	94.0	94.3	95.2	95.8	95.9	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 2000	6.1	95.0	95.3	96.2	96.9	97.7	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1800	6.1	95.0	95.3	96.2	96.9	97.7	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500	6.1	95.0	95.3	96.2	96.9	97.7	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	6.1	95.5	95.8	96.6	97.4	98.1	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	6.1	95.5	95.8	96.6	97.4	98.1	99.0	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 900	6.1	95.5	95.8	96.6	97.4	98.1	99.0	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 800	6.1	95.5	95.8	96.6	97.4	98.1	99.0	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 700	6.1	95.5	95.8	96.6	97.4	98.1	99.0	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 600	6.1	95.5	95.8	96.6	97.4	98.1	99.0	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 500	6.1	95.5	95.8	96.6	97.4	98.1	99.0	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 400	6.1	95.5	95.8	96.6	97.4	98.1	99.0	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 300	6.1	95.5	95.8	96.6	97.4	98.3	99.1	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 200	6.1	95.5	95.8	96.6	97.4	98.4	99.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	6.1	95.5	95.8	96.6	97.4	98.4	99.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	6.1	95.5	95.8	96.6	97.4	98.4	99.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 686

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

942?1? (STATION) SONDRESTROM GL (STATION NAME) 75-8? (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	2.8	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 20000	2.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 18000	4.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 16000	4.1	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 14000	4.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 12000	4.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 10000	4.1	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 9000	4.2	69.5	69.6	69.6	69.6	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 8000	4.7	75.6	75.7	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 7000	5.5	80.5	80.8	81.1	81.1	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 6000	5.5	81.8	82.1	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 5000	5.5	83.7	84.0	84.4	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 4500	5.5	84.0	84.3	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
≥ 4000	5.5	87.5	87.8	88.2	88.4	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 3500	5.5	89.1	89.4	89.8	90.0	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 3000	5.5	91.9	92.3	92.9	93.2	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 2500	5.7	93.0	93.8	94.5	94.8	95.2	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 2000	5.7	93.9	94.6	95.5	95.8	97.1	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1800	5.7	94.0	94.8	95.6	95.9	97.2	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1500	5.7	94.0	94.8	95.6	96.1	97.4	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	5.7	94.3	95.1	95.9	96.4	97.7	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	5.7	94.3	95.1	95.9	96.4	97.7	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	5.7	94.3	95.1	95.9	96.4	97.7	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	5.7	94.5	95.2	96.1	96.5	97.8	99.0	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	5.8	94.6	95.3	96.2	96.7	98.0	99.1	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	5.8	94.6	95.3	96.2	96.7	98.0	99.1	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	5.8	94.6	95.3	96.2	96.7	98.0	99.1	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	5.8	94.6	95.3	96.2	96.7	98.0	99.1	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	5.8	94.6	95.3	96.2	96.7	98.0	99.1	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	5.8	94.6	95.3	96.2	96.7	98.0	99.1	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	5.8	94.6	95.3	96.2	96.7	98.0	99.1	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	5.8	94.6	95.3	96.2	96.7	98.0	99.1	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 688

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

042313 (STATION) SONDRESTROM GL (STATION NAME) 75-83 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	3.6	46.2	46.2	46.2	46.2	46.2	46.2	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
≥ 20000	3.6	48.8	48.8	48.8	48.8	48.8	48.8	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 18000	5.1	61.4	61.4	61.4	61.4	61.4	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 16000	5.1	62.6	62.6	62.6	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 14000	5.1	63.2	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 12000	5.1	64.7	64.7	64.7	64.7	64.7	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 10000	5.3	69.2	69.2	69.2	69.2	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 9000	5.6	71.0	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 8000	6.4	76.6	76.7	76.7	76.7	76.7	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 7000	7.1	81.4	81.5	81.6	81.6	81.6	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 6000	7.2	83.5	83.7	83.8	83.8	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 5000	7.2	85.4	85.5	85.7	85.7	85.7	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 4500	7.2	85.7	85.8	86.0	86.0	86.0	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 4000	7.4	89.5	89.6	89.7	89.7	89.7	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 3500	7.4	89.9	90.0	90.2	90.2	90.2	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 3000	7.4	91.3	91.6	91.8	92.1	92.1	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 2500	7.4	92.9	93.4	93.5	94.1	94.2	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2000	7.5	93.9	94.4	94.7	95.2	95.8	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1800	7.5	94.1	94.5	94.8	95.4	96.0	96.5	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1500	7.5	94.1	94.5	94.8	95.5	96.2	96.8	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1200	7.5	94.1	94.5	94.8	95.5	96.4	97.1	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	7.5	94.5	94.9	95.2	96.0	96.8	97.5	99.0	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	7.5	94.5	94.9	95.2	96.0	96.8	97.7	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	7.5	94.5	94.9	95.2	96.0	96.8	97.7	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	7.5	94.5	94.9	95.2	96.0	96.8	97.7	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	7.5	94.5	94.9	95.2	96.0	96.8	97.7	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	7.5	94.5	94.9	95.2	96.0	96.8	97.7	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.7
≥ 400	7.5	94.5	94.9	95.2	96.0	96.8	97.7	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.9
≥ 300	7.5	94.5	94.9	95.2	96.0	96.8	97.8	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0
≥ 200	7.5	94.5	94.9	95.2	96.0	96.8	97.8	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	7.5	94.5	94.9	95.2	96.0	96.8	97.8	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	7.5	94.5	94.9	95.2	96.0	96.8	97.8	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 692

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

042310 (STATION) SONDRESTROM GL (STATION NAME) 75-83 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	2.5	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 20000	2.6	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
≥ 18000	3.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 16000	3.7	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 14000	3.7	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 12000	3.7	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 10000	4.0	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 9000	4.1	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	65.0	65.0
≥ 8000	4.4	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 7000	5.4	79.6	79.9	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 6000	5.6	82.0	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 5000	5.9	84.2	84.8	84.8	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	5.9	84.8	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 4000	5.9	85.9	86.5	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 3500	5.9	87.5	88.1	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 3000	5.9	90.0	90.8	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 2500	6.0	91.8	92.7	93.1	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 2000	6.0	92.8	93.7	94.1	94.7	95.5	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1800	6.0	93.1	94.0	94.4	95.0	95.9	96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1500	6.0	93.5	94.4	94.9	95.7	96.6	96.8	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1200	6.1	93.5	94.4	94.9	95.7	96.6	96.8	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1000	6.1	93.5	94.4	95.3	96.2	97.2	97.4	98.2	98.5	98.8	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	6.0	93.5	94.4	95.3	96.2	97.2	97.5	98.4	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	6.0	93.5	94.4	95.3	96.2	97.4	97.7	98.5	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	6.1	93.5	94.4	95.3	96.2	97.4	97.7	98.5	99.0	99.4	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	6.0	93.5	94.4	95.3	96.2	97.4	97.7	98.5	99.0	99.4	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	6.1	93.5	94.4	95.3	96.2	97.4	97.7	98.5	99.0	99.4	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	6.0	93.5	94.4	95.3	96.2	97.4	97.7	98.5	99.0	99.4	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	6.0	93.5	94.4	95.3	96.2	97.4	97.7	98.5	99.0	99.4	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	6.0	93.5	94.4	95.3	96.2	97.4	97.7	98.7	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	6.0	93.5	94.4	95.3	96.2	97.4	97.7	98.7	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0
0	6.0	93.5	94.4	95.3	96.2	97.4	97.7	98.7	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 682

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

042310 (STATION) SONDRESTROM GL (STATION NAME) 75-83 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	2.9	42.7	43.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.9	42.9	42.9	42.9	42.9
≥ 20000	3.1	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5
≥ 18000	4.1	60.0	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3
≥ 16000	4.1	60.5	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.8	60.8	60.8	60.8	60.8
≥ 14000	4.0	60.8	60.9	60.9	60.9	60.9	60.9	61.0	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.1
≥ 12000	4.1	61.5	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 10000	4.2	65.1	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 9000	4.4	66.7	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 8000	4.7	72.8	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 7000	5.6	79.4	79.8	80.2	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5
≥ 6000	5.9	81.9	82.4	82.8	82.9	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 5000	6.7	83.6	84.1	84.6	84.7	84.8	84.9	84.9	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0
≥ 4500	6.0	84.0	84.5	85.0	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4
≥ 4000	6.0	85.8	86.4	86.9	87.1	87.2	87.3	87.3	87.3	87.4	87.4	87.4	87.5	87.5	87.5	87.5
≥ 3500	6.1	87.4	88.1	88.6	88.8	88.9	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 3000	6.1	90.0	90.9	91.6	92.0	92.2	92.3	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5
≥ 2500	6.2	91.4	92.5	93.4	93.9	94.3	94.5	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8
≥ 2000	6.2	92.7	93.8	94.8	95.6	96.3	96.8	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2
≥ 1800	6.2	93.0	94.1	95.1	95.9	96.6	97.2	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6
≥ 1500	6.2	93.5	94.7	95.8	96.6	97.4	98.1	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9
≥ 1200	6.2	93.6	94.8	95.9	96.7	97.5	98.3	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 1000	6.2	93.7	94.9	96.0	96.9	97.7	98.4	99.1	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5
≥ 900	6.2	93.7	94.9	96.0	96.9	97.7	98.5	99.1	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	6.2	93.7	94.9	96.1	96.9	97.8	98.5	99.2	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.7
≥ 700	6.3	93.7	95.0	96.1	97.0	97.8	98.6	99.2	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7
≥ 600	6.3	93.7	95.0	96.1	97.0	97.8	98.6	99.2	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7
≥ 500	6.3	93.7	95.0	96.1	97.0	97.8	98.6	99.3	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 400	6.3	93.7	95.0	96.1	97.0	97.8	98.6	99.3	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 300	6.3	93.7	95.0	96.1	97.0	97.8	98.6	99.3	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.9
≥ 200	6.3	93.7	95.0	96.1	97.0	97.9	98.6	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 100	6.3	93.7	95.0	96.1	97.0	97.9	98.6	99.4	99.5	99.7	99.8	99.9	99.9	100.0	100.0	100.0
≥ 0	6.3	93.7	95.0	96.1	97.0	97.9	98.6	99.4	99.5	99.7	99.8	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 5477

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

42310 (STATION) SONDRESTROM GL (STATION NAME) 75-83 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS - LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	3.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
≥ 20000	3.5	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
≥ 18000	4.7	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 16000	4.7	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 14000	4.7	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 12000	4.7	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 10000	5.4	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 9000	5.5	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 8000	5.7	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 7000	6.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 6000	7.1	68.7	68.7	69.0	69.0	69.0	69.1	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 5000	7.3	72.6	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 4500	7.4	75.3	75.7	76.0	76.0	76.0	76.1	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 4000	8.0	80.6	81.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 3500	8.4	84.3	84.9	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 3000	8.9	87.8	88.4	89.1	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 2500	9.1	90.1	90.8	92.1	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 2000	9.2	92.0	92.9	94.3	95.3	95.5	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1800	9.2	92.1	93.0	94.5	95.5	95.6	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1500	9.3	92.9	93.7	95.3	96.5	96.9	97.7	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1200	9.3	93.3	93.9	95.5	96.7	97.1	97.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000	9.3	93.3	94.0	95.6	96.9	97.4	98.5	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	9.3	93.0	94.0	95.6	96.9	97.4	98.5	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	9.3	93.0	94.0	95.6	96.9	97.4	98.5	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	9.3	93.0	94.0	95.6	96.9	97.4	98.5	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	9.3	93.0	94.0	95.6	96.9	97.4	98.5	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	9.3	93.0	94.0	95.6	96.9	97.5	98.7	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	9.3	93.0	94.0	95.6	96.9	97.5	98.7	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	9.3	93.0	94.0	95.6	96.9	97.5	98.7	99.1	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	9.3	93.2	94.2	95.8	97.1	97.7	98.8	99.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	9.3	93.2	94.2	95.8	97.1	97.7	98.8	99.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	9.3	93.2	94.2	95.8	97.1	97.7	98.8	99.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 687

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

(4271) SONDRESTROM GL 75-87 MAY
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	4.2	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 20000	4.2	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
≥ 18000	4.8	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 16000	4.8	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 14000	4.8	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 12000	4.8	49.5	49.5	49.3	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 10000	5.7	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 9000	5.7	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 8000	6.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 7000	6.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 6000	6.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 5000	6.7	69.3	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 4500	6.7	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 4000	7.0	77.9	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 3500	7.3	81.9	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 3000	8.0	84.6	85.3	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 2500	8.7	87.8	88.8	89.2	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 2000	9.2	91.0	92.0	92.7	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1800	9.3	91.8	92.9	93.6	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1500	9.3	92.3	93.3	94.2	95.9	96.4	96.7	96.7	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1200	9.5	93.1	94.0	94.9	96.8	97.2	97.5	97.5	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000	9.5	93.9	94.0	95.1	96.9	97.5	98.1	98.4	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	9.5	93.0	94.0	95.1	96.9	97.5	98.1	98.4	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	9.5	93.0	94.0	95.3	97.2	97.8	98.3	98.7	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	9.5	93.0	94.1	95.3	97.2	97.8	98.3	98.7	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	9.5	93.1	94.0	95.3	97.2	97.8	98.3	98.7	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	9.5	93.1	94.0	95.3	97.2	97.8	98.4	99.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	9.5	93.0	94.0	95.3	97.2	97.8	98.4	99.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	9.5	93.2	94.2	95.5	97.4	98.0	98.5	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	9.5	93.2	94.2	95.5	97.4	98.0	98.5	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	9.5	93.2	94.2	95.5	97.4	98.0	98.5	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	9.5	93.2	94.2	95.5	97.4	98.0	98.5	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0

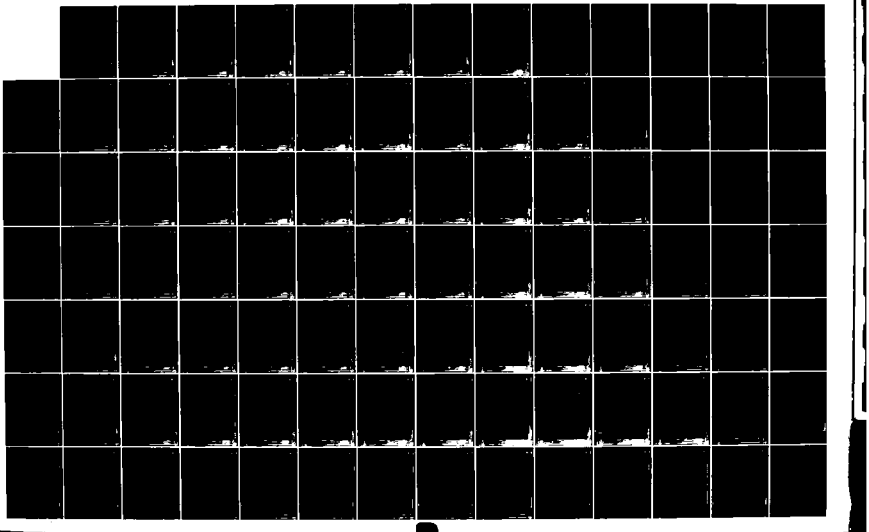
TOTAL NUMBER OF OBSERVATIONS 887

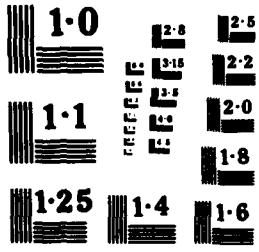
USAF ETAC FORM NOV 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A146 919 SONDRESTROM AB GREENLAND REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSER..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. JUL 84

UNCLASSIFIED USAFETAC/DS-84/021 SBI-AD-E850 745 F/G 4/2 NL

3/5




1·0
1·1
1·25
1·4
2·5
2·2
2·0
1·8
1·6

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[4231] (STATION) SONDRESTROM GL (STATION NAME) 75-83 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	3.6	39.2	39.2	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 20000	3.7	41.2	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 18000	4.6	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 16000	4.6	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 14000	4.6	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 12000	4.7	54.9	54.9	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
≥ 10000	4.7	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 9000	4.7	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 8000	5.0	61.2	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 7000	5.3	65.7	65.8	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 6000	5.4	67.3	67.1	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 5000	5.7	71.8	71.7	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 4500	5.9	72.4	72.5	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 4000	6.4	77.4	77.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 3500	6.6	79.8	80.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 3000	7.4	85.4	86.1	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 2500	8.1	88.7	89.7	91.4	91.8	92.1	92.1	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 2000	8.4	91.4	92.6	94.3	95.0	95.1	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1800	8.6	92.8	94.0	95.7	96.4	96.6	96.7	97.0	97.0	97.0	97.1	97.0	97.0	97.1	97.0	97.0
≥ 1500	8.7	93.3	94.4	96.1	96.9	97.1	97.6	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200	8.7	93.7	94.8	96.6	97.3	97.6	98.0	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	8.7	94.1	95.1	96.9	97.6	98.1	98.4	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	8.7	94.0	95.1	96.9	97.6	98.1	98.4	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	8.7	94.1	95.3	97.0	97.7	98.1	98.6	99.1	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	8.7	94.1	95.3	97.0	97.7	98.1	98.6	99.0	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	8.7	94.3	95.4	97.1	97.9	98.3	98.7	99.1	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	8.7	94.3	95.4	97.3	98.0	98.4	98.9	99.4	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	8.7	94.3	95.4	97.3	98.0	98.4	98.9	99.4	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	8.7	94.3	95.4	97.3	98.0	98.4	98.9	99.4	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	8.7	94.3	95.4	97.3	98.0	98.4	98.9	99.4	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	8.7	94.3	95.4	97.3	98.0	98.4	98.9	99.4	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	8.7	94.3	95.4	97.3	98.0	98.4	98.9	99.4	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 699

USAF ETAC FORM AUG 66 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[4231?] (STATION) SONDRESTROM GL (STATION NAME) 75-8? (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	3.7	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 20000	4.1	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 18000	4.6	60.0	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 16000	4.6	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 14000	4.7	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 12000	4.7	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 10000	5.4	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 9000	5.6	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 8000	6.0	67.9	67.9	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
≥ 7000	6.2	71.3	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 6000	6.2	72.5	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 5000	6.4	74.9	75.1	75.2	75.2	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 4500	6.4	76.4	76.5	76.6	76.6	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 4000	6.9	79.8	80.1	80.2	80.2	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 3500	7.2	82.7	83.0	83.1	83.1	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 3000	7.7	88.7	89.1	89.3	89.7	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2500	8.3	91.4	92.0	92.3	92.7	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 2000	8.6	94.6	95.4	95.8	96.8	97.1	97.4	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1800	8.7	95.4	96.3	96.7	97.9	98.1	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500	8.7	95.7	96.7	97.1	98.3	98.6	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	8.7	95.7	96.7	97.1	98.3	98.6	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	8.7	95.7	96.7	97.1	98.3	98.6	99.1	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	8.7	95.7	96.7	97.1	98.3	98.6	99.1	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	8.7	95.7	96.7	97.1	98.3	98.6	99.1	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	8.7	95.8	96.8	97.3	98.4	98.7	99.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	8.7	95.8	96.8	97.3	98.4	98.7	99.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	8.7	95.8	96.8	97.3	98.4	98.7	99.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	8.7	95.8	96.8	97.3	98.4	98.7	99.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	8.7	95.8	96.8	97.3	98.4	98.7	99.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	8.7	95.8	96.8	97.3	98.4	98.7	99.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	8.7	95.8	96.8	97.3	98.4	98.7	99.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	8.7	95.8	96.8	97.3	98.4	98.7	99.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 698

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04231 (STATION) SONDRESTROM GL (STATION NAME) 75-83 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	4.4	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	46.2
≥ 20000	5.3	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 18000	5.8	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 16000	5.3	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 14000	5.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 12000	5.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 10000	6.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 9000	6.6	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 8000	7.1	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 7000	7.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 6000	7.7	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 5000	7.9	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 4500	8.2	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4000	8.6	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 3500	8.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 3000	9.3	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2500	9.5	95.2	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 2000	9.6	96.8	97.1	97.2	97.2	97.4	98.1	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1800	9.6	96.9	97.2	97.4	97.4	97.5	98.1	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1500	9.6	97.5	98.1	98.1	98.3	98.4	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	9.6	97.7	98.1	98.3	98.4	98.5	99.1	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	9.6	97.7	98.1	98.3	98.4	98.5	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	9.6	97.7	98.1	98.3	98.4	98.5	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	9.6	98.0	98.4	98.5	98.7	98.8	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	9.6	98.0	98.4	98.5	98.7	98.8	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	9.6	98.0	98.4	98.5	98.7	98.8	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	9.6	98.0	98.4	98.5	98.7	98.8	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	9.6	98.0	98.4	98.5	98.7	98.8	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	9.6	98.0	98.4	98.5	98.8	99.0	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	9.6	98.0	98.4	98.5	98.8	99.0	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	9.6	98.0	98.4	98.5	98.8	99.0	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	9.6	98.0	98.4	98.5	98.8	99.0	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 686

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

42?1? (STATION) SONDRESTROM GL (STATION NAME) 75-83 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 20000	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 18000	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 16000	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 14000	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 12000	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 10000	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 9000	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	65.0	65.0	65.0
≥ 8000	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 7000	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 6000	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 5000	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 4500	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 4000	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 3500	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 3000	92.9	93.2	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 2500	96.0	96.5	96.8	96.8	96.8	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 2000	96.6	97.1	97.3	97.9	98.2	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1800	96.6	97.1	97.3	97.9	98.2	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500	97.1	97.5	97.8	98.4	98.7	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	97.1	97.5	97.8	98.4	98.7	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	97.1	97.5	97.8	98.4	98.7	99.3	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6
≥ 900	97.2	97.6	97.9	98.5	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9
≥ 800	97.2	97.6	97.9	98.5	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9
≥ 700	97.2	97.6	97.9	98.5	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9
≥ 600	97.2	97.6	97.9	98.5	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9
≥ 500	97.2	97.6	97.9	98.5	99.0	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 400	97.2	97.6	97.9	98.5	99.0	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 300	97.2	97.6	97.9	98.5	99.0	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200	97.2	97.6	97.9	98.5	99.0	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	97.2	97.6	97.9	98.5	99.0	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	97.2	97.6	97.9	98.5	99.0	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 678

USAF ETAC FORM NO. 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

42211 (STATION) SONDRESTROM GL (STATION NAME) 75-83 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	3.7	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 20000	4.2	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 18000	4.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 16000	4.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 14000	4.6	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
≥ 12000	4.6	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 10000	5.2	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 9000	5.2	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 8000	5.7	69.0	69.0	69.0	69.0	69.0	69.1	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 7000	6.2	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 6000	6.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 5000	6.9	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 4500	7.5	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 4000	7.9	88.2	88.2	88.2	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	8.3	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 3000	8.3	95.1	95.5	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 2500	8.3	96.7	97.3	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2000	8.6	97.1	97.8	98.1	98.6	98.6	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1800	8.6	97.1	97.8	98.1	98.6	98.6	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1500	8.6	97.1	97.8	98.1	98.9	99.0	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	8.6	97.1	97.8	98.1	98.9	99.0	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	8.6	97.1	97.8	98.1	98.9	99.0	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	8.6	97.1	97.8	98.1	98.9	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	8.6	97.1	97.8	98.1	98.9	99.0	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	8.6	97.1	97.8	98.1	98.9	99.0	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	8.6	97.1	97.8	98.1	98.9	99.0	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	8.6	97.1	97.8	98.1	98.9	99.0	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	8.6	97.1	97.8	98.1	98.9	99.0	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	8.6	97.1	97.8	98.1	98.9	99.0	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	8.6	97.1	97.8	98.1	98.9	99.0	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	8.6	97.1	97.8	98.1	98.9	99.0	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	8.6	97.1	97.8	98.1	98.9	99.0	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 696

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

(42312) SONDRESTROM GL 75-83 MAY
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	3.9	42.5	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 20000	4.1	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
≥ 18000	5.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 16000	5.0	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 14000	5.0	56.4	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 12000	5.1	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 10000	5.5	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 9000	5.7	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 8000	6.1	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 7000	6.6	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 6000	6.7	71.2	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 5000	7.0	75.4	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 4500	7.3	77.3	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 4000	7.8	82.6	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 3500	8.0	85.5	85.7	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 3000	8.5	89.9	90.3	90.7	90.9	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 2500	8.8	92.4	93.1	93.6	94.0	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2000	9.1	94.2	94.9	95.6	96.4	96.6	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1800	9.2	94.7	95.4	96.1	96.9	97.1	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1500	9.2	95.1	95.8	96.6	97.5	97.8	98.4	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1200	9.2	95.3	96.0	96.8	97.7	98.0	98.6	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	9.2	95.3	96.1	96.9	97.8	98.2	98.9	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	9.2	95.3	96.1	96.9	97.8	98.2	98.9	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	9.2	95.4	96.2	97.0	97.9	98.3	99.0	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	9.2	95.4	96.2	97.0	98.0	98.3	99.1	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	9.2	95.4	96.2	97.0	98.0	98.4	99.1	99.3	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 500	9.2	95.4	96.2	97.1	98.0	98.4	99.1	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	9.2	95.4	96.2	97.1	98.0	98.4	99.1	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	9.2	95.4	96.2	97.1	98.0	98.4	99.2	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	9.2	95.5	96.2	97.1	98.0	98.5	99.2	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	9.2	95.5	96.2	97.1	98.0	98.5	99.2	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	9.2	95.5	96.2	97.1	98.0	98.5	99.2	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 5515

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

74226 (STATION) MCCHORD AFB WA (STATION NAME) 74-83 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	.8	.1									2.9	3.1
NNE	4.2	1.3										5.6	2.6
NE	.6											.6	2.0
ENE	.2											.2	2.0
E	.2	.1										.3	2.3
ESE		.2										.2	8.0
SE	.3	.1										.6	2.0
SSE	1.1	.1										1.2	2.6
S	4.8	4.4	1.1	.1								10.4	4.1
SSW	3.1	5.2	2.4	.1								10.9	4.9
SW	3.3	3.3	2.3	.1								9.1	4.9
WSW	2.8	2.7	.7									6.1	4.0
W	6.9	4.9	.1									11.9	3.2
WNW	2.3	.6	.1									3.0	2.8
NW	1.2											1.2	1.8
NNW	.3											.3	1.7
VARBL													
CALM												*5.4	
	33.6	27.8	6.9	.3								100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	4.6	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.6	38.6	38.6	38.6
≥ 20000	4.9	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.6	40.6	40.6	40.6
≥ 18000	5.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.8	45.8	45.8	45.8
≥ 16000	5.6	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	46.1	46.1	46.1	46.1
≥ 14000	5.6	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.2	46.2	46.2	46.2
≥ 12000	5.6	47.1	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.3	47.3	47.3	47.3
≥ 10000	5.8	49.7	49.7	49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	50.0	50.0	50.0	50.0
≥ 9000	5.8	52.8	52.8	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	53.1	53.1	53.1	53.1
≥ 8000	6.7	59.4	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.7	59.7	59.7	59.7
≥ 7000	6.9	65.0	65.0	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.3	65.3	65.3	65.3
≥ 6000	6.9	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.6	67.6	67.6	67.6
≥ 5000	7.8	71.9	71.9	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.2	72.2	72.2	72.2
≥ 4500	7.7	74.4	74.4	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.7	74.7	74.7	74.7
≥ 4000	8.7	85.8	85.8	85.8	86.0	86.0	86.1	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1
≥ 3500	8.8	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.5	89.5	89.5	89.5
≥ 3000	9.0	93.5	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8
≥ 2500	9.3	95.6	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2
≥ 2000	9.0	97.2	97.8	97.9	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 1800	9.0	97.3	97.9	98.0	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2
≥ 1500	9.0	97.6	98.2	98.3	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 1200	9.1	97.6	98.2	98.3	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 1000	9.1	97.6	98.2	98.3	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 900	9.0	97.6	98.2	98.3	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 800	9.0	97.6	98.2	98.3	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 700	9.1	97.6	98.2	98.3	99.0	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 600	9.1	97.6	98.2	98.3	99.0	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 500	9.1	97.6	98.2	98.3	99.0	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	9.0	97.6	98.2	98.3	99.0	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	9.0	97.6	98.2	98.3	99.0	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	9.0	97.6	98.2	98.3	99.0	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	9.0	97.6	98.2	98.3	99.0	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	9.1	97.6	98.2	98.3	99.0	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 712

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

42713 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (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	≥1¾	≥1½	≥1	≥⅞	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	4.6	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 20000	4.6	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
≥ 18000	5.3	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 16000	5.3	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 14000	5.3	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 12000	5.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 10000	5.5	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 9000	5.6	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 8000	6.1	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 7000	6.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 6000	7.1	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 5000	7.3	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 4500	7.4	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 4000	7.7	85.4	85.4	85.4	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	7.9	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 3000	8.1	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 2500	8.3	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2000	8.3	96.5	96.6	96.6	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1800	8.3	96.6	96.8	96.8	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1500	8.3	97.6	97.9	97.9	98.0	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1200	8.3	98.2	98.5	98.5	98.6	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	8.3	98.2	98.5	98.5	98.6	98.9	98.9	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	8.3	98.2	98.5	98.5	98.6	98.9	98.9	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	8.3	98.2	98.5	98.5	98.6	98.9	98.9	99.0	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	8.3	98.2	98.5	98.5	98.6	98.9	98.9	99.0	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	8.3	98.2	98.5	98.5	98.6	98.9	98.9	99.0	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	8.3	98.2	98.5	98.5	98.6	98.9	98.9	99.0	99.2	99.4	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	8.3	98.2	98.5	98.5	98.6	98.9	98.9	99.0	99.2	99.4	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	8.3	98.2	98.5	98.5	98.6	98.9	98.9	99.0	99.2	99.4	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	8.3	98.2	98.5	98.5	98.6	98.9	98.9	99.0	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	8.3	98.2	98.5	98.5	98.6	98.9	98.9	99.0	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	8.3	98.2	98.5	98.5	98.6	98.9	98.9	99.0	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 712

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

4231 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	4.7	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
≥ 20000	4.2	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
≥ 18000	4.7	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 16000	4.7	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 14000	4.7	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 12000	4.7	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 10000	5.2	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 9000	5.2	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	53.0	53.0
≥ 8000	5.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 7000	6.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 6000	6.4	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 5000	6.8	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 4500	6.9	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 4000	7.8	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 3500	7.9	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 3000	7.9	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 2500	8.2	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2000	8.3	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0
≥ 800	8.3	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.7	97.7	97.7
≥ 1500	8.5	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.4	98.4	98.4
≥ 1200	8.5	98.2	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.6	98.7	98.7	98.7
≥ 1000	8.5	98.2	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.6	98.7	98.7	98.7
≥ 900	8.5	98.2	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.6	98.7	98.7	98.7
≥ 800	8.5	98.2	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.6	98.7	99.0	99.2	99.2	99.2
≥ 700	8.5	98.4	98.4	98.6	98.6	98.7	98.9	98.9	98.9	98.9	99.0	99.2	99.4	99.6	99.6	99.6
≥ 600	8.5	98.4	98.4	98.6	98.6	98.7	98.9	98.9	98.9	98.9	99.0	99.2	99.4	99.6	99.6	99.6
≥ 500	8.5	98.4	98.4	98.6	98.6	98.7	99.0	99.0	99.0	99.2	99.2	99.3	99.4	99.7	99.9	99.9
≥ 400	8.5	98.4	98.4	98.6	98.6	98.7	99.0	99.0	99.0	99.2	99.2	99.3	99.4	99.7	99.9	99.9
≥ 300	8.5	98.4	98.4	98.6	98.6	98.7	99.0	99.0	99.0	99.2	99.2	99.3	99.4	99.7	99.9	99.9
≥ 200	8.5	98.4	98.4	98.6	98.6	98.7	99.0	99.0	99.0	99.2	99.2	99.3	99.4	99.7	100.0	100.0
≥ 100	8.5	98.4	98.4	98.6	98.6	98.7	99.0	99.0	99.0	99.2	99.2	99.3	99.4	99.7	100.0	100.0
≥ 0	8.5	98.4	98.4	98.6	98.6	98.7	99.0	99.0	99.0	99.2	99.2	99.3	99.4	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 708

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

42317 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5		≥0
NO CEILING	4.2	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40	5	40.5
≥ 20000	4.5	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.	.1	44.1
≥ 18000	4.9	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 16000	4.9	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 14000	4.9	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 12000	4.9	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 11000	5.2	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 9000	5.3	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 8000	5.5	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 7000	5.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 6000	5.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 5000	6.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 4500	6.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 4000	6.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 3500	7.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 3000	7.1	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 2500	7.2	93.9	93.9	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 2000	7.2	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1800	7.2	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500	7.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	7.3	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	7.3	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	7.3	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	7.3	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	7.3	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	7.3	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	7.3	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	7.3	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	7.3	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	7.3	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	7.3	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	7.3	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 694

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

4271 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (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	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	0
≥ UNLIMITED	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 20000	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥ 18000	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 16000	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 14000	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 12000	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 10000	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 9000	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 8000	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 7000	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 6000	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 5000	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 4500	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 4000	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 3500	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 3000	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 2500	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 2000	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1600	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1400	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 708

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

[illegible] (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	0
NO CEILING	4.2	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
≥ 20000	4.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
≥ 18000	5.2	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 16000	5.2	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 14000	5.2	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 12000	5.2	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 10000	5.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 9000	5.8	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 8000	5.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 7000	6.1	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 6000	6.1	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 5000	6.2	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 4500	6.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 4000	6.7	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3500	6.9	93.6	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 3000	7.1	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2500	7.1	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2000	7.1	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	7.1	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	7.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	7.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	7.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	7.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	7.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	7.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	7.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	7.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	7.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	7.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	7.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	7.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	7.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 689

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

42317 (STATION) SONDRESTROM GL (STATION NAME) 74-80 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥0
NO CEILING	3.5	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
≥ 20000	3.7	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 18000	3.9	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 16000	3.9	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 14000	3.9	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 12000	3.9	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 10000	4.2	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	53.7
≥ 9000	4.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 8000	4.9	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
≥ 7000	5.6	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 6000	5.9	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 5000	6.5	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 4500	6.8	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 4000	8.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 3500	8.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 3000	8.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 2500	8.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 2000	8.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	8.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	8.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	8.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	8.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	8.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	8.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	8.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	8.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	8.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	8.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	8.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	8.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	8.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	8.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 709

USAF ETAC FORM NO. 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

4271 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	4.1	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
≥ 20000	4.4	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
≥ 18000	5.4	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
≥ 16000	5.4	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 14000	5.4	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 12000	5.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 10000	5.7	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 9000	5.7	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 8000	7.1	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 7000	7.2	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
≥ 6000	7.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 5000	7.9	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 4500	8.6	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 4000	9.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 3500	9.3	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 3000	9.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2500	9.3	96.6	97.0	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 2000	9.3	98.4	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800	9.3	98.6	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1500	9.3	98.9	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	9.3	98.9	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	9.3	98.9	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	9.3	98.9	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	9.3	98.9	99.3	99.3	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	9.3	98.9	99.3	99.3	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	9.3	98.9	99.3	99.3	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	9.3	98.9	99.3	99.3	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	9.3	98.9	99.3	99.3	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	9.3	98.9	99.3	99.3	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	9.3	98.9	99.3	99.3	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	9.3	98.9	99.3	99.3	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	9.3	98.9	99.3	99.3	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 736

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

42316 (STATION) SONDRESTROM GL (STATION NAME) 74-8? (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	4.2	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.6	38.6	38.6	38.6
≥ 20000	4.5	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.9	41.9	41.9	41.9
≥ 18000	5.1	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.5	49.5	49.5	49.5
≥ 16000	5.1	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 14000	5.1	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 12000	5.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 10000	5.4	53.7	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 9000	5.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 8000	6.0	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 7000	6.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 6000	6.5	70.6	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 5000	6.9	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 4500	7.1	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 4000	7.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 3500	7.9	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 3000	8.1	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1
≥ 2500	8.1	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 2000	8.2	98.3	98.4	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1800	8.2	98.4	98.6	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1500	8.2	98.9	99.0	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	8.2	99.0	99.2	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 1000	8.2	99.0	99.2	99.2	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	8.2	99.0	99.2	99.2	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	8.2	99.0	99.2	99.2	99.3	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8
≥ 700	8.2	99.0	99.2	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9
≥ 600	8.2	99.0	99.2	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 500	8.2	99.0	99.2	99.3	99.4	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥ 400	8.2	99.0	99.2	99.3	99.4	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥ 300	8.2	99.0	99.2	99.3	99.4	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	8.2	99.0	99.2	99.3	99.4	99.6	99.7	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	8.2	99.0	99.2	99.3	99.4	99.6	99.7	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	8.2	99.0	99.2	99.3	99.4	99.6	99.7	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 5638

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] (STATION) SONDRESTROM GL (STATION NAME) 74-8[illegible] (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	3.1	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 20000	3.5	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 18000	3.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 16000	3.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 14000	3.8	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 12000	3.8	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 10000	3.9	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 9000	3.9	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 8000	5.4	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 7000	6.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 6000	7.1	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 5000	7.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 4500	7.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 4000	7.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 3500	7.7	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 3000	7.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 2500	8.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2000	8.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1800	8.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1500	8.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	8.2	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	8.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	8.2	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	8.2	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	8.2	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	8.2	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	8.2	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	8.2	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	8.2	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	8.2	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	8.2	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	8.2	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 740

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

042310 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	2.4	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
≥ 20000	2.5	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 18000	3.2	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 16000	3.2	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 14000	3.2	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 12000	3.2	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 10000	3.5	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	52.7
≥ 9000	3.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 8000	4.8	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 7000	5.8	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 6000	5.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 5000	5.8	83.3	83.3	83.3	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 4500	5.9	85.0	85.1	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 4000	6.2	91.2	91.2	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 3500	6.2	92.7	92.7	92.8	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 3000	6.5	94.4	94.4	94.5	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 2500	6.7	95.8	95.8	95.9	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2000	6.7	97.1	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1800	6.7	97.3	97.3	97.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1500	6.7	98.0	98.0	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1200	7.0	98.7	98.7	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	7.1	99.2	99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	7.0	99.3	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	7.0	99.3	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	7.0	99.3	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	7.0	99.3	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	7.1	99.3	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	7.0	99.3	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	7.0	99.3	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	7.2	99.4	99.4	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	7.2	99.4	99.4	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	7.2	99.4	99.4	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 713

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

94231 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	2.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
≥ 20000	2.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 18000	2.7	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 16000	2.7	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 14000	2.7	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 12000	2.9	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 10000	3.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 9000	3.2	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 8000	4.2	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 7000	5.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 6000	5.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 5000	5.8	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 4500	5.8	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 4000	6.1	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 3500	6.4	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 3000	6.6	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2500	6.9	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 2000	7.3	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1800	7.3	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500	7.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	7.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	7.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	7.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	7.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	7.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	7.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	7.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	7.3	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	7.3	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	7.3	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	7.3	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	7.3	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 739

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

42313 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	1.7	38.9	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	2.0	42.4	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 18000	2.6	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 16000	2.6	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 14000	2.6	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 12000	2.8	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
≥ 10000	3.3	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 9000	3.5	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 8000	4.3	70.0	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 7000	5.4	80.2	80.3	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
≥ 6000	5.7	82.6	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 5000	6.3	86.9	87.1	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 4500	6.3	88.0	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 4000	6.8	92.2	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 3500	6.8	93.3	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 3000	7.1	95.3	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 2500	7.4	97.2	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 2000	7.7	99.3	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	7.7	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	7.7	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	7.7	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	7.7	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	7.7	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	7.7	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	7.7	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	7.7	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	7.7	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	7.7	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	7.7	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	7.7	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	7.7	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	7.7	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 717

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04231 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	2.4	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
≥ 20000	2.8	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 18000	3.9	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 16000	3.9	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 14000	3.9	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 12000	4.1	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 10000	4.3	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 9000	4.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 8000	5.1	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 7000	6.3	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 6000	6.3	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 5000	6.8	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 4500	7.2	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 4000	7.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 3500	7.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 3000	8.1	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2500	8.1	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 2000	8.3	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800	8.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	8.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	8.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	8.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	8.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	8.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	8.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	8.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	8.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	8.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	8.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	8.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	8.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	8.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 751

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

42310 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	1.9	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
≥ 20000	2.6	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	46.2
≥ 18000	3.4	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 16000	3.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 14000	3.4	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
≥ 12000	3.7	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 10000	3.7	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 9000	3.7	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 8000	4.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 7000	5.4	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 6000	5.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 5000	6.1	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 4500	6.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 4000	6.9	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 3500	7.1	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 3000	7.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 2500	7.4	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 2000	7.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800	7.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	7.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	7.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	7.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	7.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	7.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	7.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	7.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	7.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	7.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	7.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	7.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	7.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	7.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 727

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

42710 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	1.9	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
≥ 20000	2.2	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
≥ 18000	2.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 6000	2.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 14000	2.6	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 5000	2.7	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 12000	3.1	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 9000	3.3	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	57.6	57.6
≥ 8000	4.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 7000	4.9	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 6000	5.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 5000	6.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 4500	6.4	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 4000	6.7	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 3500	7.0	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 3000	7.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2500	7.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2000	7.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	7.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	7.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	7.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	7.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	7.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	7.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	7.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	7.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	7.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	7.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	7.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	7.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	7.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	7.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 731

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

[redacted] (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	2.9	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 20000	3.2	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 18000	3.5	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 16000	3.5	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 14000	3.5	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 12000	3.5	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 10000	4.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 9000	4.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 8000	5.1	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
≥ 7000	6.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 6000	6.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 5000	7.8	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 4500	8.2	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 4000	8.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 3500	8.4	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 3000	8.6	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 2500	8.7	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 2000	8.7	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800	8.7	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	8.7	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	8.7	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	8.7	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	8.7	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	8.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	8.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	8.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	8.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	8.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	8.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	8.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	8.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	8.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 746

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

14231 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES: ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥⅞	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	2.3	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
≥ 20000	2.6	43.3	43.3	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
≥ 18000	3.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 6000	3.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 14000	3.2	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 12000	3.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 10000	3.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 9000	3.7	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 8000	4.7	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 7000	5.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 6000	6.1	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 5000	6.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4500	6.9	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 4000	7.1	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 3500	7.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 3000	7.4	96.2	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 2500	7.6	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 2000	7.7	98.8	98.9	98.9	98.9	98.9	99.1	99.0	99.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1800	7.7	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	7.7	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	7.8	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	7.8	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	7.8	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	7.8	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	7.8	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	7.8	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	7.8	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	7.8	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	7.8	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	7.8	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	7.8	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	7.8	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 5864

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

42713 — STATION
SONDRESTROM GL — STATION NAME
74-82 — YEARS
AUG — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2200 — HOURS (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	0
NO CEILING	3.3	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.6	36.6	36.6	36.6	36.6	36.6
≥ 20000	3.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.5	40.5	40.5	40.5	40.5	40.5
≥ 18000	3.6	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.6
≥ 6000	3.6	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.6
≥ 4000	3.7	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.8	48.8	48.8	48.8	48.8	48.8
≥ 2000	3.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.9	49.9	49.9	49.9	49.9	49.9
≥ 10000	3.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	51.0	51.0	51.0	51.0	51.0	51.0
≥ 9000	3.8	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.8	51.8	51.8	51.8	51.8	51.8
≥ 8000	4.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4
≥ 7000	4.8	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.7	70.7	70.7	70.7	70.7	70.7
≥ 6000	5.3	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2
≥ 5000	5.9	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.4
≥ 4500	5.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.1	82.1	82.1	82.1	82.1	82.1
≥ 4000	6.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6
≥ 3500	6.4	91.1	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3000	6.5	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2500	6.6	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6
≥ 2000	6.8	96.7	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1800	6.8	96.7	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1500	6.8	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1200	6.8	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000	7.1	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	7.0	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	7.0	98.8	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	7.1	98.8	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	7.1	98.8	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	7.1	98.8	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	7.1	98.8	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	100.0	100.0	100.0	100.0
≥ 300	7.1	98.8	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	100.0	100.0	100.0	100.0
≥ 200	7.0	98.8	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	100.0	100.0	100.0	100.0
≥ 100	7.1	98.8	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	100.0	100.0	100.0	100.0
0	7.1	98.8	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 730

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

[illegible] STATION | SONDRESTROM GL STATION NAME | 74-87 YEARS | AUG 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	≥0
NO CEILING	4.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 20000	4.4	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥ 18000	4.7	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 16000	4.7	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 14000	4.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 12000	4.7	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 10000	5.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 9500	5.1	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 9000	5.2	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 8000	5.6	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 7000	6.1	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 6000	6.2	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 5000	6.2	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 4500	6.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4000	6.6	85.4	85.4	85.4	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	6.7	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 3000	7.4	92.3	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 2500	7.4	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 2000	7.4	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1800	7.4	96.8	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1500	7.5	97.6	97.6	97.7	98.0	98.0	98.1	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1200	7.7	98.3	98.3	98.4	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	7.7	98.3	98.3	98.4	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	7.7	98.7	98.7	98.8	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	7.7	98.8	98.8	98.9	99.2	99.2	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	7.7	98.8	98.8	98.9	99.2	99.2	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	7.7	98.8	98.8	98.9	99.2	99.2	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	7.7	98.8	98.8	98.9	99.2	99.2	99.3	99.3	99.3	99.5	99.6	99.7	99.9	99.9	99.9	99.9
≥ 400	7.7	98.8	98.8	98.9	99.2	99.2	99.3	99.3	99.3	99.5	99.6	99.7	99.9	99.9	99.9	99.9
≥ 300	7.8	98.9	98.9	99.1	99.3	99.3	99.5	99.5	99.5	99.6	99.7	99.9	100.0	100.0	100.0	100.0
≥ 200	7.8	98.9	98.9	99.1	99.3	99.3	99.5	99.5	99.5	99.6	99.7	99.9	100.0	100.0	100.0	100.0
≥ 100	7.8	98.9	98.9	99.1	99.3	99.3	99.5	99.5	99.5	99.6	99.7	99.9	100.0	100.0	100.0	100.0
0	7.8	98.9	98.9	99.1	99.3	99.3	99.5	99.5	99.5	99.6	99.7	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 795

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

42?1 (STATION) SONDRESTROM GL (STATION NAME) 74-8? (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	3.7	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
≥ 20000	3.8	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	43.9
≥ 18000	4.5	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 16000	4.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 14000	4.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 12000	4.5	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 10000	4.6	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 9000	4.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 8000	4.9	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	62.4	62.4
≥ 7000	5.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 6000	6.1	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 5000	6.1	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 4500	6.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 4000	6.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 3500	6.8	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 3000	7.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 2500	7.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 2000	7.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1800	7.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1500	7.6	97.4	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1200	7.7	98.2	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000	7.7	98.5	98.8	98.8	99.0	99.2	99.2	99.2	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	7.7	98.5	98.8	98.8	99.0	99.2	99.2	99.2	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	7.7	98.6	98.9	98.9	99.2	99.3	99.3	99.3	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	7.7	98.6	98.9	98.9	99.2	99.3	99.3	99.3	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	7.7	98.6	98.9	98.9	99.2	99.3	99.3	99.3	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	7.7	98.6	98.9	98.9	99.2	99.3	99.3	99.3	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	7.7	98.8	99.1	99.0	99.3	99.5	99.5	99.5	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	7.7	98.8	99.1	99.0	99.3	99.5	99.5	99.5	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	7.7	98.8	99.1	99.0	99.3	99.5	99.5	99.5	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	7.7	98.8	99.1	99.0	99.3	99.5	99.5	99.5	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	7.7	98.8	99.1	99.0	99.3	99.5	99.5	99.5	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 736

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

[illegible]4271[illegible] SONDRESTROM GL 74-82 AUG
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	2.9	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 20000	2.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 18000	3.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 16000	3.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 14000	3.2	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 12000	3.2	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 10000	3.6	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 9000	3.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 8000	4.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 7000	4.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 6000	4.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 5000	5.1	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 4500	5.4	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 4000	5.4	85.8	85.8	85.8	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	5.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 3000	5.7	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2500	5.8	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2000	5.9	97.9	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1800	5.9	98.5	98.5	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1500	5.9	98.8	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	5.9	98.9	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	5.9	99.2	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	5.9	99.2	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	5.9	99.2	99.3	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	5.9	99.2	99.3	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	5.9	99.2	99.3	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	5.9	99.2	99.3	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	5.9	99.2	99.3	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	5.9	99.2	99.3	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	5.9	99.2	99.3	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	5.9	99.2	99.3	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	5.9	99.2	99.3	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 723

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

4231 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1600 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥⅞	≥⅝	≥½	≥5/16	≥¼	0
NO CEILING	3.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 20000	3.4	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 18000	4.2	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 16000	4.2	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 14000	4.2	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 12000	4.2	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 10000	4.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 9000	4.3	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 8000	4.5	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 7000	5.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 6000	5.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 5000	5.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 4500	5.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 4000	5.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 3500	5.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 3000	6.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 2500	6.7	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 2000	6.7	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1800	6.7	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1500	6.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	6.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	6.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	6.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	6.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	6.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	6.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	6.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	6.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	6.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	6.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	6.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	6.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 741

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[redacted] (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	5.2	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 20000	5.2	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 18000	6.3	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	61.4	61.4
≥ 16000	6.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 14000	6.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 12000	6.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 10000	6.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 9000	6.8	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 8000	6.8	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 7000	7.3	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 6000	7.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 5000	7.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 4500	7.4	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 4000	7.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 3500	7.7	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 3000	7.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 2500	8.0	99.3	99.3	99.0	99.0	99.0	99.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2000	8.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800	8.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	8.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	8.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	8.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	8.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	8.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	8.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	8.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	8.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	8.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	8.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	8.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	8.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	8.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 725

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

4231?	SONDRESTROM GL	74-8?	AUG
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2300
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	4.3	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
≥ 20000	4.5	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 18000	5.9	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 16000	5.9	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 14000	5.9	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 12000	5.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 10000	6.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 9000	6.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 8000	6.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 7000	6.7	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 6000	6.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 5000	7.4	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 4500	7.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 4000	8.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 3500	8.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 3000	8.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 2500	8.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2000	8.8	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	8.8	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	8.8	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	8.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	8.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	8.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	8.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	8.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	8.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	8.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	8.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	8.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	8.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	8.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	8.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 741

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

42710 — STATION
SONDRESTROM GL — STATION NAME
74-87 — YEARS
AUG — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 — HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥⅞	≥¾	≥½	≥5/16	≥0
NO CEILING	4.2	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
≥ 20000	4.3	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 18000	4.6	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 16000	4.6	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 14000	4.6	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 12000	4.6	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	52.2
≥ 10000	4.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 9000	4.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 8000	5.1	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 7000	6.1	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 6000	6.4	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 5000	6.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4500	7.2	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 4000	7.5	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 3500	7.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 3000	7.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 2500	7.9	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2000	8.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1800	8.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	8.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	8.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	8.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	8.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	8.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	8.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	8.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	8.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	8.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	8.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	8.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 150	8.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	8.3	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 719

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

(42710) SONDRESTROM GL 74-82 AUG
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	3.9	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.4	41.4	41.4	41.4	41.4	41.4
≥ 20000	4.7	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	46.2
≥ 18000	4.8	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 16000	4.8	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 14000	4.8	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
≥ 12000	4.8	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
≥ 10000	4.9	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 9000	4.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 8000	5.2	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 7000	5.7	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 6000	6.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 5000	6.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 4500	6.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 4000	6.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 3500	6.9	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 3000	7.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 2500	7.3	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2000	7.4	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1800	7.4	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1500	7.5	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200	7.5	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	7.6	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	7.6	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	7.6	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	7.6	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	7.6	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	7.6	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	7.6	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	7.6	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	7.6	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	7.6	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	7.6	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 5860

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72231? (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	3.4	34.3	34.3	34.3	34.5	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
≥ 20000	3.7	38.6	38.6	38.6	38.8	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
≥ 18000	4.2	44.0	44.0	44.0	44.1	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 16000	4.2	44.4	44.4	44.4	44.5	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 14000	4.3	44.5	44.5	44.5	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 12000	4.5	44.7	44.7	44.7	44.8	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 10000	4.6	46.4	46.4	46.4	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 9000	4.7	47.1	47.1	47.1	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 8000	4.9	60.1	60.1	60.1	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 7000	5.5	67.4	67.4	67.4	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 6000	5.5	69.8	69.8	70.1	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 5000	5.9	75.4	75.7	76.0	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 4500	6.0	76.6	76.9	77.2	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 4000	6.0	82.0	82.3	82.6	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 3500	6.3	82.5	82.8	83.2	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 3000	6.5	87.8	88.4	88.9	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 2500	6.5	89.8	90.9	91.5	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 2000	6.6	91.7	92.8	93.5	94.1	94.4	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1800	6.6	92.1	93.2	94.0	94.5	94.8	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1500	6.9	93.8	95.0	95.7	96.6	96.8	97.6	97.7	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1200	6.8	94.3	95.4	96.3	97.1	97.4	98.1	98.3	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000	6.8	94.5	95.7	96.7	97.6	97.8	98.6	98.7	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	6.8	94.5	95.7	96.7	97.6	97.8	98.6	98.7	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	6.8	94.5	95.7	96.7	97.7	98.0	98.7	98.9	98.9	99.1	99.3	99.4	99.4	99.4	99.4	99.4
≥ 700	6.8	94.7	95.8	96.8	97.8	98.1	98.9	99.0	99.0	99.3	99.4	99.6	99.6	99.6	99.6	99.6
≥ 600	6.9	94.7	95.8	97.0	98.0	98.3	99.0	99.1	99.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7
≥ 500	6.8	94.8	96.0	97.1	98.1	98.4	99.1	99.3	99.3	99.6	99.7	99.9	99.9	99.9	99.9	99.9
≥ 400	6.8	94.8	96.0	97.1	98.1	98.4	99.1	99.3	99.3	99.6	99.7	99.9	99.9	99.9	99.9	99.9
≥ 300	6.8	94.8	96.0	97.1	98.1	98.4	99.1	99.3	99.3	99.6	99.7	99.9	99.9	99.9	99.9	99.9
≥ 200	6.8	95.0	96.1	97.3	98.3	98.6	99.3	99.4	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	6.8	95.0	96.1	97.3	98.3	98.6	99.3	99.4	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	6.8	95.0	96.1	97.3	98.3	98.6	99.3	99.4	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 696

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

42317 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	2.8	31.8	31.8	31.8	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
≥ 20000	3.7	38.3	38.3	38.3	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
≥ 18000	3.7	45.1	45.2	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 16000	3.7	45.5	45.6	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 14000	3.7	45.5	45.6	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 12000	3.7	45.9	46.2	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 10000	4.0	47.3	47.5	47.7	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 9000	4.0	48.0	48.2	48.4	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 8000	4.1	58.2	58.5	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 7000	4.7	66.4	66.7	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 6000	4.8	70.1	70.3	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 5000	4.9	74.9	75.1	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 4500	4.9	76.1	76.4	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 4000	5.1	82.3	82.6	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 3500	5.2	83.6	83.9	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 3000	5.5	88.7	89.1	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 2500	5.5	91.1	91.7	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 2000	5.5	93.5	94.1	94.9	95.1	95.2	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1800	5.5	93.9	94.5	95.3	95.5	95.6	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1500	5.5	95.1	95.6	96.5	97.0	97.5	97.5	97.7	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1200	5.6	95.3	96.1	96.9	97.5	97.9	97.9	98.3	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	5.8	95.8	96.5	97.3	97.9	98.3	98.3	98.9	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	5.8	95.8	96.5	97.3	97.9	98.3	98.3	98.9	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	5.8	95.8	96.5	97.5	98.0	98.4	98.4	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	5.9	95.9	96.6	97.6	98.2	98.6	98.6	99.2	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	5.9	95.9	96.6	97.6	98.2	98.6	98.6	99.2	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	5.9	95.9	96.6	97.6	98.2	98.6	98.6	99.2	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	5.9	95.9	96.6	97.6	98.2	98.6	98.6	99.2	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	5.9	95.9	96.6	97.6	98.2	98.6	98.6	99.2	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	5.9	96.0	96.8	97.7	98.4	98.9	98.9	99.4	99.6	99.6	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	5.9	96.0	96.8	97.7	98.4	98.9	98.9	99.4	99.6	99.6	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	5.9	96.3	96.8	97.7	98.4	98.9	98.9	99.4	99.6	99.6	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 708

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

[42710] (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	3.3	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1
≥ 20000	3.6	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
≥ 18000	4.0	44.8	44.8	45.0	45.0	45.0	45.1	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 16000	4.0	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 14000	4.1	45.4	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
≥ 12000	4.1	45.4	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
≥ 10000	4.4	48.1	48.1	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 9000	4.4	48.4	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 8000	5.1	55.3	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 7000	5.5	64.0	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 6000	5.9	69.0	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 5000	5.9	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	73.7	73.7
≥ 4500	5.9	74.3	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 4000	6.6	80.4	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 3500	6.6	82.3	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 3000	6.8	87.6	88.1	88.4	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 2500	6.8	90.6	91.1	91.4	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 2000	6.9	93.4	93.9	94.3	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1800	6.9	94.1	94.6	95.0	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1500	7.1	95.3	95.9	96.3	96.7	97.0	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1200	7.1	95.6	96.1	96.5	97.0	97.2	97.2	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1000	7.2	96.0	96.5	97.0	97.4	97.6	97.8	98.2	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.5
≥ 900	7.2	96.0	96.5	97.0	97.4	97.6	97.8	98.2	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.5
≥ 800	7.2	96.3	96.8	97.2	97.6	97.9	98.1	98.5	98.5	98.6	98.8	98.9	98.9	98.9	98.9	98.9
≥ 700	7.2	96.3	96.8	97.2	97.6	97.9	98.1	98.5	98.5	98.6	98.8	98.9	98.9	98.9	98.9	98.9
≥ 600	7.2	96.3	96.8	97.2	97.6	97.9	98.1	98.5	98.5	98.6	98.8	98.9	98.9	98.9	98.9	98.9
≥ 500	7.2	96.4	97.1	97.4	97.8	98.1	98.2	98.6	98.6	98.8	98.9	99.0	99.0	99.0	99.0	99.0
≥ 400	7.2	96.4	97.0	97.4	97.8	98.1	98.2	98.6	98.6	98.8	98.9	99.0	99.0	99.0	99.0	99.0
≥ 300	7.2	96.5	97.1	97.5	97.9	98.2	98.3	98.8	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.2
≥ 200	7.2	96.5	97.1	97.5	97.9	98.2	98.3	98.9	98.9	99.0	99.2	99.3	99.4	99.4	99.7	99.9
≥ 100	7.2	96.5	97.1	97.5	97.9	98.2	98.3	98.9	98.9	99.2	99.3	99.4	99.6	99.6	99.9	100.0
≥ 0	7.2	96.5	97.1	97.5	97.9	98.2	98.3	98.9	98.9	99.2	99.3	99.4	99.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 723

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

42313 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥⅞	≥¾	≥⅝	≥½	≥¼	0
NO CEILING	2.6	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
≥ 20000	3.6	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
≥ 18000	4.7	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 16000	4.7	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 14000	4.7	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 12000	4.8	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	50.3	50.3
≥ 10000	4.9	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 9000	4.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 8000	5.1	61.4	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 7000	5.1	68.5	68.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 6000	5.7	72.5	72.8	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 5000	6.1	76.4	76.6	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 4500	6.3	79.2	79.5	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 4000	6.4	83.5	83.8	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 3500	6.6	85.6	85.9	86.5	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 3000	6.6	88.7	89.0	89.6	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 2500	6.7	92.5	92.9	93.4	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 2000	6.8	94.6	95.1	95.6	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1800	6.8	94.7	95.2	95.7	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1500	6.8	96.2	96.6	97.2	97.6	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200	6.8	96.3	96.7	97.3	97.7	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000	6.8	96.3	96.7	97.3	97.7	98.1	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900	6.8	96.3	96.7	97.3	97.7	98.1	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	6.8	96.6	97.0	97.6	98.0	98.4	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	6.8	96.6	97.0	97.6	98.1	98.6	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	6.8	96.6	97.0	97.6	98.1	98.6	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	6.8	96.6	97.0	97.6	98.1	98.6	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	6.8	96.6	97.0	97.6	98.1	98.6	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 300	6.8	96.7	97.2	97.7	98.3	98.7	99.0	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	6.8	96.7	97.3	97.9	98.4	98.9	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	6.8	96.7	97.3	97.9	98.4	98.9	99.1	99.4	99.4	99.7	99.7	99.7	99.9	99.9	100.0	100.0
≥ 0	6.8	96.7	97.3	97.9	98.4	98.9	99.1	99.4	99.4	99.7	99.7	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 702

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

42713 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥⅜	≥¼	≥0
NO CEILING	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
> 20000	38.1	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
≥ 18000	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	49.0	49.0	49.0
> 6000	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	49.0	49.0	49.0
≥ 4000	49.1	49.1	49.1	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 2000	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 10000	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 9000	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 8000	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 7000	71.4	71.4	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 6000	75.2	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 5000	77.9	78.1	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 4500	80.0	80.2	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 4000	84.4	84.6	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 3500	86.5	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 3000	91.1	91.4	91.8	91.9	91.9	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2500	93.9	94.2	94.6	94.8	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 2000	95.0	95.5	96.0	96.3	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1800	95.3	95.8	96.3	96.6	96.6	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1500	96.5	96.9	97.5	97.9	98.2	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	96.6	97.1	97.6	98.0	98.3	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	97.0	97.5	98.0	98.4	98.7	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	97.0	97.5	98.0	98.4	98.7	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	97.2	97.6	98.2	98.6	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	97.2	97.6	98.2	98.7	99.0	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	97.3	97.7	98.3	98.9	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	97.3	97.7	98.3	98.9	99.2	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.3	97.7	98.3	98.9	99.2	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.3	97.7	98.3	98.9	99.2	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.3	97.7	98.3	98.9	99.2	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.3	97.7	98.3	98.9	99.2	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.3	97.7	98.3	98.9	99.2	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 726

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

4231 (STATION) SONDRESTROM GL (STATION NAME) 74-8? (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1510-1700 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥5/16	≥0	≥0
NO CEILING	2.?	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
≥ 20000	3.2	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 18000	4.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 16000	4.6	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 14000	4.6	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 12000	4.6	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 11000	4.7	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 10000	4.7	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 9000	5.3	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 8000	5.7	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 7000	5.9	76.8	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 6000	6.3	80.6	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 5000	6.5	81.6	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 4500	6.9	87.2	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 4000	6.9	89.5	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 3500	6.9	92.3	92.7	93.1	93.1	93.1	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 3000	7.1	94.1	94.5	95.0	95.0	95.0	95.1	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2500	7.1	95.3	95.7	96.1	96.3	96.4	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2000	7.1	95.6	96.0	96.4	96.6	96.7	96.8	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1800	7.1	95.7	96.1	96.6	97.1	97.4	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1500	7.1	95.7	96.1	96.6	97.1	97.4	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1200	7.2	96.1	96.4	96.8	97.4	97.7	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1000	7.2	96.1	96.6	97.1	97.8	98.1	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	7.2	96.1	96.6	97.1	97.8	98.3	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	7.2	96.1	96.6	97.4	98.1	98.6	99.1	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	7.2	96.6	97.0	97.8	98.7	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	7.2	96.6	97.1	97.8	98.7	99.1	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	7.2	96.6	97.1	97.8	98.7	99.1	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	7.2	96.6	97.1	97.8	98.7	99.1	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	7.2	96.6	97.0	97.8	98.7	99.1	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	7.2	96.6	97.0	97.8	98.7	99.1	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	7.2	96.6	97.1	97.8	98.7	99.1	99.6	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
< 100	7.2	96.6	97.1	97.8	98.7	99.1	99.6	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 697

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

[illegible] SONDRESTROM GL 74-82 SEP
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	2.2	35.8	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
≥ 20000	2.4	40.0	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
≥ 18000	2.8	50.2	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	50.3
≥ 16000	2.9	50.3	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 14000	3.1	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 12000	3.1	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 10000	3.4	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 9000	3.4	55.1	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
≥ 8000	3.8	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 7000	4.2	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 6000	4.2	75.7	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 5000	4.5	81.5	81.8	82.0	82.0	82.0	82.1	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 4500	4.5	82.5	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	82.9
≥ 4000	4.8	86.3	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 3500	4.9	89.0	89.4	89.5	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	5.1	92.2	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2500	5.1	93.3	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2000	5.0	95.0	95.8	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1800	5.2	95.2	96.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1600	5.2	95.8	96.6	97.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1400	5.2	96.1	96.9	97.9	97.9	97.9	98.1	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1200	5.2	96.1	97.1	98.1	98.2	98.2	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000	5.2	96.1	97.1	98.0	98.2	98.2	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900	5.2	96.1	97.1	98.0	98.6	98.6	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	5.2	96.2	97.3	98.3	99.0	99.0	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	5.2	96.2	97.3	98.3	99.0	99.0	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	5.2	96.2	97.3	98.3	99.0	99.0	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	5.2	96.2	97.3	98.3	99.0	99.0	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	5.2	96.2	97.3	98.3	99.0	99.0	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	5.2	96.2	97.3	98.3	99.0	99.0	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	5.2	96.2	97.3	98.3	99.0	99.0	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	5.2	96.2	97.3	98.3	99.1	99.1	99.2	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
0	5.2	96.2	97.3	98.3	99.0	99.0	99.2	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 715

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[4231] (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	4.4	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 20000	5.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
≥ 18000	5.7	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 16000	5.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 14000	5.7	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 12000	5.8	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 10000	6.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 9000	6.1	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 8000	6.7	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 7000	6.8	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 6000	6.8	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 5000	8.1	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 4500	8.2	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 4000	8.4	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 3500	8.4	84.9	85.4	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 3000	8.9	90.2	90.8	91.2	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 2500	9.1	91.3	92.3	93.2	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 2000	9.1	93.0	94.2	95.3	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1800	9.1	93.3	94.6	95.7	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1500	9.1	94.6	96.0	97.3	97.4	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1200	9.1	94.9	96.3	97.6	97.7	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000	9.1	94.9	96.3	98.0	98.2	98.9	98.9	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	9.1	94.9	96.3	98.0	98.2	98.9	98.9	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	9.1	95.3	96.7	98.6	98.7	99.4	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	9.1	95.3	96.7	98.6	98.7	99.4	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	9.1	95.3	96.7	98.6	98.7	99.4	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	9.1	95.3	96.7	98.6	98.7	99.4	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	9.1	95.3	96.7	98.6	98.7	99.4	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	9.1	95.3	96.7	98.6	98.7	99.4	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	9.1	95.3	96.7	98.6	98.7	99.4	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	9.1	95.3	96.7	98.6	98.7	99.4	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	9.1	95.3	96.7	98.6	98.7	99.4	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 704

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

4231? (STATION) SONDRESTROM GL (STATION NAME) 74-8? (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	3.1	33.2	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 20000	3.4	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
≥ 18000	4.2	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 16000	4.2	47.6	47.7	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 14000	4.3	47.7	47.8	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 12000	4.4	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 10000	4.5	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 9000	4.6	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 8000	5.0	62.1	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
≥ 7000	5.4	69.4	69.5	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 6000	5.6	72.8	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 5000	5.9	77.3	77.6	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 4500	6.1	78.7	79.0	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 4000	6.3	83.7	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 3500	6.4	85.5	85.8	86.1	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 3000	6.6	89.8	90.3	90.7	90.8	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2500	6.6	92.1	92.7	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 2000	6.7	93.9	94.6	95.3	95.6	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1800	6.7	94.3	95.1	95.7	95.9	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1500	6.7	95.4	96.1	96.8	97.2	97.6	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1200	6.8	95.6	96.4	97.1	97.5	97.9	98.1	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000	6.8	95.8	96.6	97.4	97.9	98.2	98.5	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	6.8	95.8	96.6	97.4	97.9	98.2	98.5	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800	6.8	96.0	96.7	97.6	98.2	98.5	98.8	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	6.8	96.1	96.9	97.8	98.4	98.7	99.1	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	6.8	96.1	96.9	97.8	98.4	98.8	99.1	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6
≥ 500	6.8	96.1	96.9	97.8	98.4	98.8	99.1	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	6.8	96.1	96.9	97.8	98.4	98.8	99.1	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	6.8	96.2	97.0	97.9	98.5	98.8	99.1	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	6.8	96.2	97.0	97.9	98.5	98.9	99.2	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.9	99.9
≥ 100	6.8	96.2	97.0	97.9	98.5	98.9	99.2	99.5	99.5	99.7	99.8	99.8	99.9	99.9	100.0	100.0
≥ 0	6.8	96.2	97.0	97.9	98.5	98.9	99.2	99.5	99.5	99.7	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 5651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

4231 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	3.6	42.9	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 20000	3.8	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	45.3	45.3
≥ 18000	4.6	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 16000	4.6	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 14000	4.6	52.8	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 12000	4.6	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 10000	4.7	56.8	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 9000	4.9	59.2	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 8000	5.4	69.5	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 7000	6.1	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 6000	6.1	76.9	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 5000	6.1	79.3	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 4500	6.4	79.8	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 4000	6.5	82.2	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 3500	7.1	83.4	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 3000	7.2	86.4	88.2	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 2500	7.2	89.1	91.4	92.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2000	7.4	90.0	92.3	93.6	95.4	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1800	7.4	90.0	92.3	93.6	95.4	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1500	7.5	90.7	93.0	94.3	96.1	96.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1200	7.7	90.8	93.2	94.4	96.2	97.1	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000	7.7	90.8	93.2	94.4	96.2	97.1	97.8	98.2	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900	7.7	90.8	93.2	94.4	96.2	97.1	97.8	98.2	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800	7.7	91.4	93.7	95.0	97.1	97.9	98.6	99.0	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	7.7	91.4	93.7	95.0	97.1	97.9	98.6	99.0	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	7.7	91.4	93.7	95.0	97.1	97.9	98.6	99.0	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	7.7	91.4	93.7	95.0	97.1	97.9	98.6	99.0	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	7.7	91.4	93.7	95.0	97.1	97.9	98.6	99.0	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	7.7	91.4	93.7	95.0	97.1	97.9	98.6	99.0	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200	7.7	91.4	93.7	95.0	97.1	97.9	98.6	99.0	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	7.7	91.4	93.7	95.0	97.1	97.9	98.6	99.0	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	7.7	91.4	93.7	95.0	97.1	97.9	98.6	99.0	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 718

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

42317 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥⅞	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	3.1	46.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 20000	3.2	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 18000	4.1	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 16000	4.2	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	54.4	54.4	54.4
≥ 14000	4.2	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 12000	4.2	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 10000	4.6	58.4	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 9000	4.8	60.3	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 8000	4.9	66.9	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 7000	5.5	73.3	73.8	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 6000	5.8	75.8	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 5000	6.2	77.2	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 4500	6.3	78.6	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 4000	6.3	81.3	82.3	82.6	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 3500	6.3	82.0	83.1	83.5	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 3000	6.5	84.5	85.9	86.6	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 2500	6.9	88.3	90.2	91.4	92.7	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 2000	6.9	89.5	91.6	93.1	95.2	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1800	6.9	89.5	91.7	93.2	95.4	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1500	6.9	89.6	92.0	93.5	96.2	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1200	7.1	89.9	92.3	93.8	96.5	97.2	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1000	7.1	89.9	92.4	94.0	96.6	97.3	97.6	97.9	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	7.0	89.9	92.4	94.0	96.6	97.3	97.6	98.0	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	7.3	90.0	92.5	94.1	97.0	97.7	98.0	98.5	98.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	7.1	90.0	92.5	94.1	97.0	97.7	98.0	98.5	98.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	7.1	90.0	92.5	94.1	97.0	97.7	98.0	98.5	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	7.0	90.0	92.5	94.1	97.0	97.7	98.0	98.5	98.7	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	7.0	90.0	92.5	94.1	97.0	97.7	98.0	98.5	98.7	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	7.0	90.0	92.5	94.1	97.0	97.7	98.0	98.5	98.7	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	7.1	90.0	92.5	94.1	97.0	97.9	98.2	98.6	98.9	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	7.1	90.0	92.5	94.1	97.0	97.9	98.2	98.6	98.9	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	7.1	90.0	92.5	94.1	97.0	97.9	98.2	98.6	98.9	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 711

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

42?1? (STATION) SONDRESTPOM GL (STATION NAME) 74-8? (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	3.4	41.2	41.2	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
≥ 20000	3.5	45.3	45.3	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 18000	3.9	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	52.2
≥ 16000	3.9	52.1	52.4	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 14000	3.9	52.5	52.8	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 12000	3.9	53.9	54.1	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 10000	4.1	57.8	58.1	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 9000	4.2	59.9	60.1	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 8000	4.8	65.6	65.9	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 7000	5.6	72.?	72.2	73.6	73.7	73.7	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 6000	5.9	75.2	75.6	77.3	77.6	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 5000	6.1	78.2	78.8	8?.4	80.7	80.8	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 4500	6.1	79.0	79.6	81.2	81.5	81.6	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 4000	6.3	82.9	83.5	85.2	85.4	85.6	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 3500	6.9	84.8	85.6	87.5	87.8	87.9	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 3000	6.9	87.1	87.9	90.3	90.9	91.0	91.3	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 2500	7.1	89.9	90.9	93.5	94.1	94.4	94.7	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 2000	7.1	90.6	91.7	94.3	95.2	95.9	96.9	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1800	7.1	90.6	91.7	94.3	95.2	95.9	96.9	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1500	7.1	90.6	91.8	94.4	95.5	96.2	97.1	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1200	7.1	90.7	92.1	94.6	95.6	96.6	97.7	98.2	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1000	7.1	90.7	92.?	94.6	95.6	96.6	97.7	98.6	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	7.1	90.7	92.0	94.6	95.6	96.6	97.7	98.6	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	7.1	90.7	92.0	94.6	95.8	96.7	97.8	98.8	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	7.1	90.9	92.1	94.7	95.9	96.9	98.0	98.9	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	7.1	90.9	92.1	94.7	95.9	96.9	98.0	98.9	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	7.1	90.9	92.1	94.7	95.9	96.9	98.?	98.9	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	7.1	90.9	92.1	94.7	95.9	96.9	98.?	98.9	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	7.1	90.9	92.1	94.7	95.9	96.9	98.0	98.9	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	7.1	9[illegible].9	92.1	94.7	95.9	96.9	98.0	98.9	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	7.1	90.9	92.1	94.7	95.9	96.9	98.?	98.9	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	7.1	90.9	92.1	94.7	95.9	96.9	98.?	98.9	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 735

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[redacted] SONDRESTROM GL 74-82 OCT
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥⅞	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	2.3	37.1	37.2	37.2	37.2	37.2	37.2	37.4	37.4	37.4	37.4	37.4	37.4	37.5	37.5	37.5
≥ 20000	2.4	41.4	41.7	41.7	41.7	41.7	41.7	41.8	41.8	41.8	41.8	41.8	41.8	42.0	42.0	42.0
≥ 18000	2.9	51.8	52.0	52.0	52.0	52.0	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.3	52.3	52.3
≥ 16000	3.0	52.0	52.3	52.3	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.6	52.6	52.6
≥ 14000	3.1	52.4	52.7	52.7	52.7	52.7	52.7	52.9	52.9	52.9	52.9	52.9	52.9	53.0	53.0	53.0
≥ 12000	3.1	54.1	54.3	54.3	54.3	54.3	54.3	54.5	54.5	54.5	54.5	54.5	54.5	54.6	54.6	54.6
≥ 10000	3.5	56.9	57.2	57.2	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.5	57.5	57.5
≥ 9000	3.5	58.8	59.1	59.1	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.4	59.4	59.4
≥ 8000	4.6	65.8	66.0	66.0	66.2	66.2	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.6	66.6	66.6
≥ 7000	5.2	70.8	71.2	71.2	71.3	71.3	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.7
≥ 6000	5.3	74.3	74.7	74.7	74.9	74.9	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.3	75.3	75.3
≥ 5000	5.4	77.2	77.9	78.0	78.4	78.4	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.8	78.8	78.8
≥ 4500	5.8	79.5	80.2	80.3	80.7	80.7	80.8	81.0	81.1	81.0	81.2	81.0	81.0	81.1	81.1	81.1
≥ 4000	6.1	84.4	85.1	85.3	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.3	86.3	86.3
≥ 3500	6.1	86.0	86.8	87.2	88.0	88.0	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7
≥ 3000	6.1	88.3	89.3	89.8	90.8	90.9	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.6	91.6	91.6
≥ 2500	6.3	90.1	91.1	91.8	93.1	93.2	93.6	93.9	94.0	94.0	94.0	94.0	94.0	94.2	94.2	94.2
≥ 2000	6.4	91.7	92.8	93.8	95.1	95.4	95.8	96.2	96.3	96.5	96.5	96.5	96.5	96.6	96.6	96.6
≥ 1800	6.4	91.8	92.9	93.9	95.2	95.5	95.9	96.3	96.6	96.7	96.7	96.7	96.7	96.9	96.9	96.9
≥ 1500	6.4	92.1	93.2	94.2	95.5	95.9	96.6	97.6	97.8	98.0	98.0	98.0	98.0	98.1	98.1	98.1
≥ 1200	6.4	92.1	93.2	94.2	95.5	95.9	96.6	97.7	98.1	98.2	98.2	98.2	98.2	98.4	98.4	98.4
≥ 1000	6.4	92.1	93.2	94.2	95.7	96.1	96.7	98.5	98.9	99.2	99.2	99.2	99.2	99.3	99.3	99.3
≥ 900	6.4	92.1	93.2	94.2	95.7	96.1	96.7	98.5	98.9	99.2	99.2	99.2	99.2	99.3	99.3	99.3
≥ 800	6.4	92.1	93.3	94.3	95.8	96.2	96.9	98.6	99.0	99.3	99.3	99.3	99.3	99.5	99.5	99.5
≥ 700	6.5	92.3	93.5	94.4	95.9	96.3	97.0	98.8	99.2	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 600	6.5	92.3	93.5	94.4	95.9	96.3	97.0	98.8	99.2	99.7	99.7	99.7	99.7	99.9	99.9	99.9
≥ 500	6.5	92.3	93.5	94.4	95.9	96.3	97.1	98.8	99.2	99.7	99.7	99.7	99.7	99.9	99.9	99.9
≥ 400	6.5	92.3	93.5	94.4	95.9	96.3	97.1	98.8	99.2	99.7	99.7	99.7	99.7	99.9	99.9	99.9
≥ 300	6.5	92.3	93.5	94.4	95.9	96.3	97.1	98.8	99.2	99.7	99.7	99.7	99.7	99.9	99.9	99.9
≥ 200	6.5	92.3	93.5	94.4	95.9	96.3	97.0	98.8	99.2	99.7	99.7	99.7	99.7	99.9	99.9	99.9
≥ 100	6.5	92.3	93.5	94.4	95.9	96.3	97.0	98.8	99.2	99.7	99.7	99.7	99.7	99.9	100.0	100.0
≥ 0	6.5	92.3	93.5	94.4	95.9	96.3	97.1	98.8	99.2	99.7	99.7	99.7	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 736

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

42310 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	2.5	35.3	35.4	35.7	35.7	35.8	35.8	35.8	35.8	35.8	35.9	35.9	35.9	35.9	35.9	35.9
≥ 20000	2.7	40.1	40.2	40.5	40.6	40.7	40.7	40.7	40.7	40.7	40.9	40.9	40.9	40.9	40.9	40.9
≥ 18000	3.4	51.9	52.0	52.3	52.4	52.5	52.5	52.5	52.5	52.5	52.7	52.7	52.7	52.7	52.7	52.7
≥ 16000	3.6	52.5	52.7	52.9	53.1	53.2	53.2	53.2	53.2	53.2	53.4	53.4	53.4	53.4	53.4	53.4
≥ 14000	3.6	52.7	52.8	53.1	53.2	53.4	53.4	53.4	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5
≥ 12000	3.7	53.9	54.1	54.3	54.5	54.6	54.6	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7
≥ 10000	3.8	57.6	57.8	58.0	58.2	58.3	58.3	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4
≥ 9000	3.8	59.1	59.3	59.5	59.7	59.8	59.8	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9
≥ 8000	4.3	65.0	65.2	65.6	66.1	66.3	66.3	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4
≥ 7000	5.1	70.9	71.1	71.5	72.0	72.3	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4
≥ 6000	5.6	73.8	74.1	74.6	75.2	75.4	75.4	75.4	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6
≥ 5000	5.8	77.5	77.9	78.5	79.0	79.6	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7
≥ 4500	5.8	78.6	79.0	79.6	80.1	80.7	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8
≥ 4000	6.3	82.4	82.9	83.5	84.2	84.9	84.9	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0
≥ 3500	6.3	85.2	85.6	86.4	87.2	87.9	87.9	87.9	87.9	87.9	88.1	88.1	88.1	88.1	88.1	88.1
≥ 3000	6.3	89.0	89.6	90.7	91.6	92.3	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6
≥ 2500	6.6	91.2	91.8	92.9	94.4	95.1	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2000	6.6	91.6	92.2	93.3	95.1	95.9	96.1	96.0	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1800	6.7	92.3	92.9	94.0	95.7	96.6	96.7	96.7	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1500	6.7	92.9	93.4	94.5	96.3	97.1	97.4	97.5	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1200	6.7	92.9	93.4	94.5	96.3	97.5	97.8	98.1	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	6.7	93.3	93.6	94.7	96.4	97.8	98.4	98.9	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	6.7	93.0	93.6	94.7	96.4	97.8	98.4	98.9	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	6.7	93.0	93.6	94.7	96.4	97.8	98.4	98.9	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	6.7	93.0	93.6	94.7	96.4	97.8	98.4	98.9	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	6.7	93.0	93.6	94.7	96.4	97.8	98.4	98.9	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	6.7	93.3	93.6	94.7	96.4	97.8	98.4	98.9	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	6.7	93.0	93.6	94.7	96.4	97.8	98.4	98.9	99.3	99.5	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	6.7	93.0	93.6	94.7	96.4	97.8	98.4	98.9	99.3	99.5	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	6.7	93.0	93.6	94.7	96.4	97.8	98.4	98.9	99.3	99.5	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	6.7	93.0	93.6	94.7	96.4	97.8	98.4	98.9	99.3	99.5	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	6.7	93.0	93.6	94.7	96.4	97.8	98.4	98.9	99.3	99.5	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 729

USAF ETAC FORM NO. 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

42314 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (LST))

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥⅞	≥¾	≥⅝	≥5/16	≥¼	≥0
NO CEILING	2.5	35.1	35.3	35.3	35.5	35.5	35.5	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
≥ 20000	2.5	39.8	39.9	39.9	40.2	40.2	40.2	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 18000	3.7	50.0	50.1	50.1	50.4	50.4	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 16000	3.7	50.6	50.7	50.7	51.0	51.0	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 14000	3.7	50.7	50.8	50.8	51.1	51.1	51.2	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 12000	3.9	52.2	52.3	52.3	52.6	52.6	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 10000	4.3	56.6	56.7	56.7	57.0	57.0	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 9000	4.4	58.4	58.5	58.5	58.8	58.8	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 8000	4.8	64.3	64.5	64.5	64.9	65.2	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 7000	5.2	70.1	70.2	70.4	70.8	71.1	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 6000	5.5	73.8	74.1	74.4	74.8	75.1	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 5000	5.5	78.2	78.5	79.1	79.5	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4500	5.5	79.9	80.3	80.9	81.3	81.5	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 4000	5.6	83.2	83.6	84.2	84.6	84.8	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 3500	5.6	84.6	85.1	85.7	86.1	86.4	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 3000	5.8	88.1	89.1	89.8	90.4	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2500	5.8	89.0	90.5	91.5	92.3	92.8	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 2000	5.9	90.1	91.7	93.3	94.4	95.2	95.7	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1800	5.8	90.1	91.7	93.3	94.4	95.2	95.7	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1500	5.8	90.9	92.7	94.2	95.5	96.3	96.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1200	5.9	91.0	92.8	94.5	95.7	96.6	97.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000	5.9	91.3	93.1	94.8	96.0	96.8	97.4	98.5	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	5.9	91.3	93.1	94.8	96.0	96.8	97.4	98.5	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	5.9	91.3	93.1	94.8	96.0	96.8	97.4	98.5	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	5.9	91.3	93.1	94.8	96.0	96.8	97.4	98.6	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	5.9	91.3	93.1	94.8	96.1	97.1	97.7	98.9	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	5.9	91.3	93.1	94.8	96.1	97.2	97.9	99.2	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7
≥ 400	5.9	91.3	93.1	94.8	96.1	97.2	97.9	99.2	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0
≥ 300	5.9	91.3	93.1	94.8	96.1	97.2	97.9	99.2	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200	5.9	91.3	93.1	94.8	96.1	97.2	97.9	99.2	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	5.9	91.3	93.1	94.8	96.1	97.2	97.9	99.2	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	5.9	91.3	93.1	94.8	96.1	97.2	97.9	99.2	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 726

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

42?1? (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	3.4	37.2	37.2	37.2	37.2	37.2	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
≥ 20000	3.4	41.2	41.2	41.2	41.2	41.2	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
≥ 18000	4.5	51.0	51.0	51.0	51.0	51.0	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 16000	4.5	51.3	51.3	51.3	51.3	51.3	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 14000	4.5	51.4	51.4	51.4	51.4	51.4	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 12000	4.5	51.5	51.5	51.5	51.5	51.5	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 10000	4.7	55.9	55.9	55.9	55.9	55.9	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 9000	4.9	57.4	57.4	57.4	57.4	57.4	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 8000	5.2	62.8	63.0	63.3	63.4	63.4	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 7000	6.1	68.4	68.9	69.1	69.6	69.6	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 6000	6.3	72.1	72.5	73.0	73.5	73.5	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 5000	6.4	75.7	76.4	77.0	77.4	77.4	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 4500	6.7	77.7	78.5	79.1	79.6	79.6	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4000	7.3	80.6	81.7	82.4	83.0	83.0	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 3500	7.1	81.0	82.3	83.0	83.5	83.5	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 3000	7.4	85.3	87.3	88.0	88.5	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 2500	7.4	86.7	88.8	90.1	90.9	91.6	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2000	7.4	88.5	90.8	92.0	93.2	94.4	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1800	7.4	89.1	91.6	93.0	94.3	95.5	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1500	7.4	89.7	92.2	93.7	95.1	96.5	97.5	97.9	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1200	7.5	89.8	92.3	94.0	95.5	96.9	98.0	98.6	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	7.5	89.9	92.5	94.1	95.8	97.3	98.5	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	7.5	89.9	92.5	94.1	95.8	97.3	98.5	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	7.5	90.1	92.6	94.3	95.9	97.5	98.6	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	7.5	90.1	92.6	94.3	95.9	97.5	98.7	99.3	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	7.5	90.1	92.6	94.3	95.9	97.5	98.7	99.3	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	7.5	90.1	92.6	94.3	95.9	97.5	98.7	99.3	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	7.5	90.1	92.6	94.3	95.9	97.5	98.7	99.3	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	7.5	90.1	92.6	94.3	95.9	97.5	98.7	99.3	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	7.5	90.1	92.6	94.3	95.9	97.5	98.7	99.3	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	7.5	90.1	92.6	94.3	95.9	97.5	98.7	99.3	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	7.5	90.1	92.6	94.3	95.9	97.5	98.7	99.3	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 716

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

42312 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	3.4	42.1	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 20000	3.7	45.6	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 18000	4.2	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 16000	4.2	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 14000	4.2	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 12000	4.2	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 10000	4.2	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 9000	4.2	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 8000	5.2	69.1	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 7000	5.3	73.5	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 6000	5.6	75.8	76.0	76.3	76.4	76.4	76.4	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 5000	5.8	79.4	79.6	79.9	80.1	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 4500	5.9	79.9	80.2	80.5	80.6	80.6	80.6	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 4000	6.0	81.5	81.9	82.3	82.4	82.4	82.4	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 3500	6.0	82.4	82.9	83.3	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 3000	6.3	85.7	86.5	87.1	87.8	87.9	87.9	87.9	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 2500	6.6	88.6	89.7	90.6	91.7	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 2000	6.9	89.5	90.7	91.9	94.1	95.1	95.6	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1800	6.9	89.6	90.9	92.1	94.4	95.4	95.9	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1500	7.0	90.7	92.0	93.3	95.6	96.6	97.2	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1200	7.0	90.7	92.1	93.3	95.6	96.8	97.5	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000	7.2	90.9	92.1	93.5	95.9	97.1	97.8	98.2	98.2	98.5	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	7.2	90.9	92.1	93.5	95.9	97.1	97.8	98.2	98.2	98.5	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	7.2	91.4	92.7	94.1	96.5	97.6	98.3	98.9	98.9	99.2	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	7.2	91.4	92.7	94.1	96.5	97.6	98.3	98.9	98.9	99.2	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	7.2	91.4	92.8	94.2	96.6	97.8	98.5	99.0	99.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	7.2	91.4	92.8	94.2	96.6	97.8	98.5	99.0	99.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	7.2	91.4	92.8	94.2	96.6	97.8	98.5	99.0	99.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	7.2	91.4	92.8	94.2	96.6	97.8	98.5	99.0	99.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	7.2	91.4	92.8	94.2	96.6	97.8	98.5	99.0	99.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	7.2	91.4	92.8	94.2	96.6	97.8	98.5	99.0	99.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	7.2	91.4	92.8	94.2	96.6	97.8	98.5	99.0	99.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 712

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

(4231) SONDRESTROM GL 74-82 OCT
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	3.1	39.6	39.8	39.9	39.9	39.9	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 20000	3.1	43.3	43.5	43.6	43.6	43.6	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
≥ 18000	3.9	52.1	52.2	52.2	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 16000	4.0	52.3	52.5	52.6	52.7	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 14000	4.0	52.7	52.8	52.9	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 12000	4.0	53.6	53.7	53.8	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 10000	4.3	57.3	57.4	57.5	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 9000	4.3	59.1	59.3	59.4	59.4	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 8000	4.9	66.1	66.3	66.5	66.7	66.7	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 7000	5.5	71.6	72.0	72.3	72.5	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 6000	5.8	74.7	75.1	75.6	75.8	75.9	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 5000	5.9	77.8	78.3	78.8	79.1	79.2	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 4500	6.1	79.1	79.7	80.2	80.5	80.6	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 4000	6.3	82.3	83.1	83.6	84.0	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4
≥ 3500	6.4	83.7	84.5	85.2	85.6	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 3000	6.6	86.8	88.0	88.9	89.5	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1
≥ 2500	6.7	89.1	90.5	91.8	92.8	93.2	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2000	6.8	90.2	91.7	93.2	94.7	95.5	96.0	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1800	6.8	90.4	92.0	93.4	95.0	95.8	96.3	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1500	6.8	90.9	92.5	94.0	95.7	96.6	97.1	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1200	6.9	91.0	92.7	94.2	95.9	96.8	97.5	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000	6.9	91.1	92.8	94.3	96.0	97.0	97.7	98.5	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	6.9	91.1	92.8	94.3	96.0	97.0	97.7	98.5	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	6.9	91.3	92.9	94.5	96.3	97.3	98.0	98.8	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	7.0	91.3	93.0	94.5	96.4	97.3	98.0	98.9	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	7.1	91.3	93.0	94.5	96.4	97.4	98.1	98.9	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	7.1	91.3	93.1	94.5	96.4	97.4	98.1	98.9	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	7.1	91.3	93.1	94.5	96.4	97.4	98.1	98.9	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9
≥ 300	7.0	91.3	93.0	94.5	96.4	97.4	98.1	98.9	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9
≥ 200	7.0	91.3	93.0	94.5	96.4	97.4	98.1	99.0	99.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	7.0	91.3	93.0	94.5	96.4	97.4	98.1	99.0	99.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	7.0	91.3	93.0	94.5	96.4	97.4	98.1	99.0	99.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 5783

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

4231?	SONDRESTROM GL	74-82	NOV
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	3.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
≥ 20000	3.4	45.8	45.8	45.8	45.8	45.8	46.1	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 18000	4.1	56.5	56.5	56.5	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 16000	4.1	56.9	56.9	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 14000	4.1	56.9	56.9	56.9	56.9	56.9	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 12000	4.1	57.1	57.1	57.0	57.0	57.0	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 10000	4.3	60.6	60.6	60.6	60.6	60.6	60.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 9000	4.4	61.7	61.7	61.7	61.7	61.7	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 8000	5.0	68.7	68.7	68.7	68.7	68.7	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 7000	5.2	75.9	75.9	75.9	76.0	76.0	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 6000	5.2	77.9	78.1	78.0	78.2	78.2	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 5000	5.5	78.9	79.1	79.0	79.1	79.1	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 4500	5.5	79.3	79.4	79.4	79.6	79.6	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4000	5.7	83.5	83.8	84.0	84.1	84.1	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 3500	5.8	85.1	85.7	86.0	86.2	86.2	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 3000	6.1	87.9	88.8	89.4	89.8	89.8	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 2500	6.1	89.4	90.4	91.3	91.8	92.1	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 2000	6.0	90.6	91.9	93.3	94.1	94.8	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1800	6.1	90.8	92.1	93.5	94.2	94.9	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1500	6.1	90.9	92.2	93.8	94.5	95.3	96.5	97.2	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.4
≥ 1200	6.1	90.9	92.2	93.8	94.5	95.3	96.5	97.3	97.3	97.4	97.4	97.4	97.6	97.6	97.6	97.6
≥ 1000	6.1	91.3	92.6	94.2	94.9	95.7	96.9	97.9	97.9	98.2	98.3	98.3	98.4	98.4	98.4	98.4
≥ 900	6.1	91.3	92.6	94.2	94.9	95.7	96.9	97.9	97.9	98.2	98.3	98.3	98.4	98.4	98.4	98.4
≥ 800	6.1	91.3	92.6	94.2	94.9	95.7	96.9	98.0	98.0	98.4	98.7	98.7	98.9	98.9	98.9	98.9
≥ 700	6.1	91.5	92.8	94.3	95.0	95.9	97.0	98.2	98.2	98.7	99.0	99.0	99.1	99.1	99.1	99.1
≥ 600	6.1	91.5	92.8	94.3	95.0	95.9	97.0	98.2	98.2	98.7	99.0	99.0	99.1	99.1	99.3	99.3
≥ 500	6.1	91.5	92.8	94.3	95.0	95.9	97.1	98.2	98.2	98.7	99.0	99.1	99.3	99.3	99.6	99.6
≥ 400	6.1	91.5	92.8	94.3	95.0	95.9	97.1	98.2	98.3	98.9	99.1	99.3	99.4	99.4	99.7	99.7
≥ 300	6.1	91.5	92.8	94.3	95.0	95.9	97.1	98.2	98.3	98.9	99.1	99.3	99.4	99.4	99.7	99.7
≥ 200	6.1	91.5	92.8	94.3	95.0	95.9	97.0	98.2	98.3	98.9	99.1	99.3	99.6	99.6	99.9	99.9
≥ 100	6.1	91.5	92.8	94.3	95.0	95.9	97.0	98.2	98.3	98.9	99.1	99.3	99.6	99.6	99.9	99.9
≥ 0	6.1	91.5	92.8	94.3	95.0	95.9	97.0	98.2	98.3	98.9	99.1	99.3	99.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 705

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

[illegible]2310 SONDRESTROM GL 74-82 NOV
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥⅞	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	3.3	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 20000	3.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
≥ 18000	4.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 16000	4.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 14000	4.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 12000	4.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 10000	4.4	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 9000	4.4	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 8000	5.0	68.7	68.7	68.8	68.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 7000	5.2	74.6	74.6	74.9	74.9	75.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 6000	5.4	76.7	76.9	77.2	77.2	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 5000	5.7	77.2	77.4	77.9	77.9	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 4500	5.7	78.2	78.4	78.9	78.9	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 4000	5.8	82.3	82.7	83.1	83.1	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 3500	5.9	83.5	84.1	84.5	85.0	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 3000	6.1	87.5	88.2	89.2	89.9	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 2500	6.1	90.2	91.1	92.2	92.9	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2000	6.1	92.2	93.2	94.5	95.5	96.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1800	6.0	92.3	93.3	94.6	95.6	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1500	6.1	92.3	93.3	94.8	96.0	96.7	97.3	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1200	6.1	92.3	93.3	94.8	96.0	96.7	97.4	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000	6.1	92.5	93.5	94.9	96.2	96.9	97.6	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	6.1	92.5	93.5	94.9	96.2	96.9	97.6	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800	6.1	92.8	93.8	95.2	96.5	97.2	97.9	99.1	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	6.1	92.8	93.8	95.2	96.5	97.2	97.9	99.1	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	6.1	92.8	93.8	95.2	96.5	97.2	97.9	99.1	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	6.1	92.8	93.8	95.2	96.5	97.2	97.9	99.1	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	6.1	92.8	93.8	95.2	96.5	97.2	97.9	99.1	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	6.0	92.8	93.8	95.2	96.5	97.2	97.9	99.1	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	6.0	92.8	93.8	95.2	96.5	97.2	97.9	99.1	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	6.1	92.8	93.8	95.2	96.5	97.2	97.9	99.1	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	6.1	92.8	93.8	95.2	96.5	97.2	97.9	99.1	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 705

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

6271 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥⅞	≥¾	≥⅝	≥5/16	≥¼	≥0
NO CEILING	4.9	43.8	43.8	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
≥ 20000	5.2	46.8	46.8	47.1	47.0	47.0	47.1	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 18000	6.1	56.5	56.5	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 16000	6.1	56.5	56.5	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 14000	6.1	56.5	56.5	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 12000	6.1	56.6	56.6	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 11000	6.3	59.5	59.5	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 10000	6.3	60.4	60.4	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 9000	6.6	66.9	66.9	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 8000	7.1	74.9	75.1	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 7000	7.3	78.1	78.1	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 6000	7.3	79.1	79.1	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 5000	7.3	79.5	79.7	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 4500	7.5	83.6	83.9	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 4000	7.6	85.3	85.7	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 3500	7.8	89.1	89.5	90.3	90.6	90.8	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3000	7.8	91.9	91.4	92.2	92.5	92.7	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 2500	7.8	92.4	92.9	94.1	94.5	95.1	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2000	7.8	92.4	92.9	94.1	94.5	95.1	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1800	7.8	92.7	93.2	94.5	95.4	96.3	97.1	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1500	7.8	92.7	93.2	94.5	95.4	96.3	97.4	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200	7.8	92.7	93.2	94.5	95.4	96.3	97.4	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	7.8	92.7	93.2	94.5	95.4	96.3	97.4	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	7.8	93.1	93.7	95.0	95.8	96.7	97.8	98.8	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	7.8	93.1	93.7	95.0	95.8	96.7	97.8	98.8	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	7.8	93.1	93.7	95.1	96.0	96.8	98.1	99.0	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	7.8	93.1	93.7	95.1	96.0	96.8	98.1	99.0	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	7.8	93.1	93.7	95.1	96.0	96.8	98.1	99.0	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	7.8	93.1	93.7	95.2	96.1	97.0	98.1	99.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	7.8	93.1	93.7	95.2	96.1	97.0	98.1	99.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	7.8	93.1	93.7	95.2	96.1	97.0	98.1	99.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	7.8	93.1	93.7	95.2	96.1	97.0	98.1	99.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	7.8	93.1	93.7	95.2	96.1	97.0	98.1	99.1	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 694

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

42314 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥7/16	≥5/16	≥¼	≥0
NO CEILING	3.1	39.7	39.8	39.8	39.8	39.8	39.8	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
> 20000	3.1	43.2	43.3	43.3	43.3	43.3	43.3	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
≥ 8000	4.2	56.7	56.8	56.8	56.8	56.8	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 6000	4.2	57.1	57.2	57.2	57.2	57.2	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 14000	4.2	57.1	57.2	57.2	57.2	57.2	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 12000	4.4	57.8	57.9	57.9	57.9	57.9	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 10000	4.4	59.4	59.5	59.5	59.5	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 9000	4.4	60.8	60.9	60.9	60.9	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 8000	5.1	68.2	68.6	69.1	69.2	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 7000	5.3	76.1	76.7	77.1	77.2	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 6000	5.5	78.5	79.1	79.6	80.2	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 5000	5.6	80.5	81.0	81.6	82.1	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 4500	5.6	81.0	81.6	82.1	82.7	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 4000	5.8	84.1	84.7	85.4	85.9	86.4	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 3500	5.9	86.5	87.1	87.8	88.3	88.9	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 3000	6.2	89.0	90.3	91.4	92.1	92.7	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 2500	6.2	90.6	92.3	93.7	94.5	95.2	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 2000	6.3	91.3	93.0	94.5	95.6	96.5	97.3	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1800	6.3	91.3	93.0	94.5	95.6	96.5	97.3	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1500	6.3	91.4	93.1	94.8	95.9	96.8	97.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	6.3	91.4	93.1	94.8	96.1	96.9	97.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	6.3	91.4	93.1	94.8	96.1	97.0	98.0	99.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	6.3	91.4	93.1	94.8	96.1	97.0	98.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	6.3	91.4	93.1	94.8	96.1	97.0	98.2	99.2	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	6.3	91.4	93.1	94.8	96.1	97.1	98.2	99.2	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	6.3	91.4	93.1	94.9	96.2	97.2	98.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	6.3	91.4	93.1	94.9	96.2	97.2	98.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	6.3	91.4	93.1	94.9	96.2	97.2	98.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	6.3	91.4	93.1	94.9	96.2	97.2	98.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	6.3	91.4	93.1	94.9	96.2	97.2	98.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	6.3	91.4	93.1	94.9	96.2	97.2	98.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	6.3	91.4	93.1	94.9	96.2	97.2	98.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 711

USAF ETAC FORM 10-44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

BA271 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) NOV (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	2.9	37.9	38.1	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
≥ 20000	3.1	42.9	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 18000	5.0	58.5	58.7	58.8	58.8	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 16000	5.2	59.1	59.2	59.4	59.4	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 14000	5.2	59.5	59.7	59.8	59.8	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 12000	5.2	60.4	60.5	60.7	60.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 10000	5.3	64.5	64.7	64.8	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 9000	5.4	66.4	66.5	66.7	66.7	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 8000	5.7	73.1	73.2	73.5	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 7000	5.9	79.3	79.4	79.7	80.0	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 6000	5.9	81.1	81.3	81.5	81.8	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 5000	6.0	83.0	83.3	83.5	83.8	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 4500	6.2	84.0	84.3	84.5	84.8	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 4000	6.2	87.4	88.3	88.7	89.0	89.7	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 3500	6.4	89.3	90.4	90.8	91.4	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 3000	6.4	91.0	92.1	92.6	93.3	94.4	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 2500	6.4	92.0	93.4	93.8	95.0	96.1	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 2000	6.6	92.7	94.3	94.7	95.9	97.4	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1800	6.6	92.7	94.3	94.7	95.9	97.6	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1500	6.6	92.7	94.3	94.7	95.9	97.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1200	6.6	92.7	94.3	94.7	95.9	97.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	6.6	92.7	94.3	94.7	95.9	97.7	98.7	99.1	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7
≥ 900	6.6	92.7	94.3	94.7	95.9	97.7	98.7	99.1	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7
≥ 800	6.6	92.7	94.3	94.7	95.9	97.7	98.9	99.3	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9
≥ 700	6.6	92.7	94.3	94.7	95.9	97.7	98.9	99.3	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0
≥ 600	6.6	92.7	94.3	94.7	95.9	97.7	98.9	99.3	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0
≥ 500	6.6	92.7	94.3	94.7	95.9	97.7	98.9	99.3	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0
≥ 400	6.6	92.7	94.3	94.7	95.9	97.7	98.9	99.3	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0
≥ 300	6.6	92.7	94.3	94.7	95.9	97.7	98.9	99.3	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200	6.6	92.7	94.3	94.7	95.9	97.7	98.9	99.3	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	6.6	92.7	94.3	94.7	95.9	97.7	98.9	99.3	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	6.6	92.7	94.3	94.7	95.9	97.7	98.9	99.3	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 699

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[redacted] SONDRESTROM GL 74-8[illegible] NOV

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥⅞	≥¾	≥5/16	≥¼	≥0
NO CEILING	2.4	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
≥ 20000	2.4	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
≥ 18000	3.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 16000	3.3	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 14000	3.4	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 12000	3.4	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 10000	3.6	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 9000	4.2	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 8000	4.7	70.2	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 7000	4.9	77.0	77.3	77.3	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 6000	4.9	78.5	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 5000	5.1	82.1	82.4	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 4500	5.2	82.9	83.2	83.2	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 4000	5.5	87.5	88.1	88.1	88.2	88.4	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 3500	5.6	88.2	89.0	89.4	90.1	90.2	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 3000	5.7	90.8	91.7	92.3	93.1	93.5	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 2500	5.7	91.8	92.7	93.7	95.0	95.7	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 2000	6.0	93.1	94.0	95.1	96.7	97.6	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1800	6.0	93.1	94.0	95.1	96.7	97.6	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500	6.1	93.1	94.0	95.1	96.7	97.6	98.6	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	6.2	93.1	94.1	95.1	96.7	97.6	98.5	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	6.1	93.1	94.1	95.1	96.7	97.6	98.6	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	6.2	93.1	94.0	95.1	96.7	97.6	98.6	99.0	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	6.0	93.1	94.0	95.1	96.8	97.7	99.0	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	6.1	93.1	94.0	95.1	96.8	97.7	99.0	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	6.0	93.1	94.1	95.1	96.8	97.7	99.1	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	6.1	93.1	94.1	95.1	96.8	97.7	99.1	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	6.0	93.1	94.1	95.1	96.8	97.7	99.0	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	6.0	93.1	94.0	95.1	96.8	97.7	99.0	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	6.0	93.1	94.0	95.1	96.8	97.7	99.0	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	6.1	93.1	94.1	95.1	96.8	97.7	99.0	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	6.1	93.1	94.1	95.1	96.8	97.7	99.1	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 697

USAF ETAC FORM NO. 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

042713 (STATION) SONDRESTROM GL (STATION NAME) 74-80 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0
NO CEILING	4.1	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
≥ 20000	4.3	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 18000	4.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 16000	5.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 14000	5.1	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 12000	5.1	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 11000	5.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 9000	5.9	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 8000	6.4	70.6	70.6	70.7	71.0	71.0	71.1	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 7000	6.7	76.8	76.8	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 6000	7.1	79.2	79.2	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 5000	7.5	82.2	82.2	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 4500	7.8	83.2	83.2	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 4000	8.1	87.6	87.9	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 3500	8.1	88.6	88.9	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 3000	8.3	91.3	91.9	92.6	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 2500	8.3	92.2	93.1	94.2	94.9	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 2000	8.3	93.9	95.0	96.3	97.3	97.9	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1800	8.3	94.5	95.6	96.9	97.9	98.4	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1500	8.3	94.6	95.7	97.0	98.0	98.7	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	8.4	94.7	95.9	97.2	98.2	98.9	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	8.4	94.7	95.9	97.2	98.2	98.9	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	8.4	94.7	95.9	97.2	98.2	98.9	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	8.4	94.7	95.9	97.2	98.3	99.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	8.4	94.7	95.9	97.2	98.3	99.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	8.4	94.7	95.9	97.2	98.3	99.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	8.4	94.7	95.9	97.2	98.3	99.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	8.4	94.7	95.9	97.2	98.3	99.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	8.4	94.7	95.9	97.2	98.3	99.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	8.4	94.7	95.9	97.2	98.3	99.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	8.4	94.7	95.9	97.2	98.3	99.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	8.4	94.7	95.9	97.2	98.3	99.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 703

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

042312 (STATION) SONDRESTROM GL (STATION NAME) 74-87 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	4.7	43.7	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	44.0	44.0
≥ 20000	4.7	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.6	46.6
≥ 18000	4.9	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.4	57.4
≥ 6000	4.9	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.8	57.8
≥ 14000	4.9	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.8	57.8
≥ 2000	4.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.3	58.3
≥ 10000	5.2	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.0
≥ 9000	5.2	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.3	62.3
≥ 8000	5.5	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9	68.9
≥ 7000	5.9	74.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.1	75.1
≥ 6000	6.1	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.8	78.8
≥ 5000	6.6	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4
≥ 4500	6.8	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.0
≥ 4000	7.1	85.5	85.9	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.3
≥ 3500	7.1	86.8	87.3	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.8	87.8
≥ 3000	7.1	89.1	89.6	90.2	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.6	90.6
≥ 2500	7.1	91.1	91.9	92.9	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.4	94.4
≥ 2000	7.1	91.9	93.2	94.5	95.5	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8
≥ 1800	7.1	92.4	93.7	95.0	96.0	96.7	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4
≥ 1500	7.1	92.7	94.0	95.4	96.5	97.3	98.1	98.1	98.3	98.6	98.6	98.6	98.6	98.6	98.7	98.7
≥ 1200	7.1	92.7	94.0	95.4	96.5	97.3	98.1	98.6	98.7	99.0	99.0	99.0	99.0	99.0	99.1	99.1
≥ 1000	7.1	92.7	94.0	95.4	96.5	97.3	98.1	98.7	99.0	99.3	99.4	99.4	99.4	99.4	99.6	99.6
≥ 900	7.1	92.7	94.0	95.4	96.5	97.3	98.1	98.7	99.0	99.3	99.4	99.4	99.4	99.4	99.6	99.6
≥ 800	7.1	92.7	94.0	95.4	96.5	97.3	98.1	98.7	99.0	99.6	99.7	99.7	99.7	99.7	99.9	99.9
≥ 700	7.1	92.7	94.0	95.4	96.5	97.3	98.1	98.7	99.0	99.6	99.7	99.7	99.7	99.7	99.9	99.9
≥ 600	7.1	92.7	94.0	95.4	96.5	97.3	98.1	98.7	99.0	99.6	99.7	99.7	99.7	99.7	99.9	99.9
≥ 500	7.1	92.7	94.0	95.4	96.5	97.3	98.1	98.7	99.0	99.6	99.7	99.7	99.7	99.7	99.9	99.9
≥ 400	7.1	92.7	94.0	95.4	96.5	97.3	98.1	98.7	99.1	99.7	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300	7.1	92.7	94.0	95.4	96.5	97.3	98.1	98.7	99.1	99.7	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	7.1	92.7	94.0	95.4	96.5	97.3	98.1	98.7	99.1	99.7	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	7.1	92.7	94.0	95.4	96.5	97.3	98.1	98.7	99.1	99.7	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	7.1	92.7	94.0	95.4	96.5	97.3	98.1	98.7	99.1	99.7	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 695

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

[42?1?] SONDRESTROM GL 74-8? NOV
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	3.5	42.1	42.1	42.1	42.1	42.1	42.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 20000	3.6	45.0	45.0	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥ 18000	4.5	57.1	57.0	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 16000	4.6	57.4	57.4	57.5	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 14000	4.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.8	57.8
≥ 12000	4.6	57.9	58.0	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.2
≥ 10000	4.9	60.8	60.9	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 9000	5.1	62.4	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 8000	5.5	69.4	69.5	69.6	69.7	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 7000	5.8	76.2	76.3	76.5	76.6	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 6000	5.9	78.6	78.7	79.0	79.1	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 5000	6.2	80.4	80.6	80.8	81.0	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 4500	6.3	81.1	81.3	81.6	81.7	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 4000	6.4	85.2	85.6	86.0	86.2	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 3500	6.5	86.7	87.3	87.7	88.1	88.3	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 3000	6.7	89.5	90.3	91.0	91.5	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.3
≥ 2500	6.7	91.3	92.0	93.0	93.8	94.3	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2000	6.7	92.3	93.4	94.6	95.6	96.4	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1800	6.7	92.4	93.6	94.8	95.8	96.6	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1500	6.7	92.5	93.7	95.0	96.1	97.0	97.9	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1200	6.8	92.6	93.7	95.0	96.1	97.1	98.0	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	6.8	92.6	93.8	95.1	96.2	97.2	98.1	98.8	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	6.8	92.6	93.8	95.1	96.2	97.2	98.1	98.8	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	6.8	92.7	93.9	95.2	96.3	97.3	98.3	99.1	99.3	99.6	99.7	99.7	99.7	99.7	99.8	99.8
≥ 700	6.8	92.7	93.9	95.2	96.4	97.3	98.3	99.1	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	6.8	92.7	93.9	95.2	96.4	97.3	98.3	99.1	99.3	99.6	99.8	99.8	99.8	99.8	99.9	99.9
≥ 500	6.8	92.7	93.9	95.2	96.4	97.3	98.3	99.1	99.3	99.6	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400	6.8	92.7	93.9	95.2	96.4	97.3	98.3	99.1	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9
≥ 300	6.9	92.7	93.9	95.3	96.4	97.4	98.3	99.1	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	6.8	92.7	93.9	95.3	96.4	97.4	98.3	99.1	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	6.8	92.7	93.9	95.3	96.4	97.4	98.3	99.1	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	6.8	92.7	93.9	95.3	96.4	97.4	98.3	99.1	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 5609

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

42313 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	2.6	48.3	49.9	48.9	48.9	48.9	49.1	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 20000	2.8	50.3	50.8	50.8	50.8	50.8	51.1	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 18000	3.6	63.7	64.3	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 16000	3.6	64.4	65.0	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 14000	3.9	65.2	65.8	65.9	65.9	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 12000	3.9	66.6	67.2	67.3	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 10000	4.1	70.9	71.7	71.9	71.9	71.9	72.1	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 9000	4.4	71.9	72.7	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 8000	5.3	78.0	78.8	78.9	78.9	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 7000	5.7	84.3	85.3	85.9	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 6000	5.7	85.7	86.7	87.3	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 5000	5.7	86.6	87.5	88.1	88.1	88.2	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 4500	5.7	87.1	88.1	88.6	88.6	88.8	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 4000	5.8	90.4	91.4	92.2	92.2	92.4	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 3500	5.8	91.1	92.1	92.9	92.9	93.1	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 3000	6.3	93.1	94.2	95.0	95.0	95.2	95.4	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8
≥ 2500	6.1	93.6	94.7	95.6	95.7	96.3	96.8	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2
≥ 2000	6.0	93.8	95.2	96.3	96.8	97.4	98.1	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1800	6.1	93.8	95.2	96.3	96.8	97.4	98.1	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1500	6.1	93.8	95.2	96.3	96.8	97.4	98.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	6.1	93.8	95.2	96.3	96.8	97.4	98.2	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	6.1	93.8	95.2	96.3	96.8	97.4	98.2	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	6.0	93.8	95.2	96.3	96.8	97.4	98.2	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	6.0	93.8	95.2	96.3	96.8	97.4	98.2	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	6.1	93.8	95.2	96.3	96.8	97.4	98.2	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	6.1	93.8	95.2	96.3	96.8	97.4	98.2	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	6.1	93.8	95.2	96.3	96.8	97.4	98.2	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	6.0	93.8	95.2	96.3	96.8	97.4	98.2	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	6.0	93.8	95.2	96.3	96.8	97.4	98.2	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	6.0	9 .8	95.2	96.3	96.8	97.4	98.2	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	6.1	93.8	95.2	96.3	96.8	97.4	98.2	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	6.1	93.9	95.3	96.4	97.0	97.5	98.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 722

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94231	SONDRESTROM GL	74-82	DEC
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOUR (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	2.7	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 20000	2.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 18000	3.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 16000	3.8	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 14000	3.8	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 12000	4.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 10000	4.4	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 9000	4.5	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 8000	4.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 7000	5.1	83.3	83.5	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 6000	5.3	85.8	86.2	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 5000	5.3	86.7	87.3	87.4	87.8	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 4500	5.3	87.0	87.6	87.7	88.1	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 4000	5.3	89.1	89.6	90.0	90.4	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 3500	5.3	89.6	90.3	90.7	91.1	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 3000	5.3	91.4	92.6	93.3	94.0	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2500	5.6	92.9	94.3	95.1	95.9	95.9	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 2000	5.6	93.4	94.8	95.8	97.5	98.2	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800	5.6	93.4	94.8	95.8	97.5	98.2	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	5.6	93.4	94.8	95.8	97.5	98.4	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	5.6	93.4	94.8	95.8	97.5	98.4	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	5.6	93.6	94.9	95.9	97.7	98.5	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	5.6	93.6	94.9	95.9	97.7	98.5	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	5.6	93.6	94.9	95.9	97.7	98.5	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	5.6	93.6	94.9	95.9	97.7	98.5	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	5.6	93.6	94.9	95.9	97.7	98.5	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	5.6	93.6	94.9	95.9	97.7	98.5	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	5.6	93.6	94.9	95.9	97.7	98.5	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	5.6	93.6	94.9	95.9	97.7	98.5	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	5.6	93.6	94.9	95.9	97.7	98.5	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	5.6	93.6	94.9	95.9	97.7	98.5	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	5.6	93.6	94.9	95.9	97.7	98.5	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 732

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

[4231?] (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	3.7	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 20000	3.7	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 18000	5.5	62.2	62.4	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 16000	5.5	63.1	63.2	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 14000	5.5	63.1	63.2	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 12000	5.5	64.3	64.5	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 10000	5.8	67.5	67.6	67.9	68.0	68.0	68.1	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 9000	6.0	68.8	68.9	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 8000	6.5	76.1	76.3	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 7000	7.0	82.7	83.1	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 6000	7.1	86.1	86.8	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 5000	7.1	87.2	87.9	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 4500	7.4	87.8	88.5	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 4000	7.4	90.2	90.9	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 3500	7.4	90.9	91.6	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 3000	7.7	93.5	94.5	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 2500	7.7	93.8	95.1	96.0	96.3	96.3	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 2000	7.7	93.8	95.1	96.2	97.4	98.0	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1800	7.7	94.0	95.3	96.4	97.7	98.3	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1500	7.7	94.2	95.5	96.6	97.9	98.4	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	7.7	94.2	95.5	96.6	97.9	98.4	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	7.7	94.5	95.7	96.9	98.2	98.7	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	7.7	94.5	95.7	96.9	98.2	98.7	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	7.7	94.5	95.7	96.9	98.2	98.7	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	7.7	94.5	95.7	96.9	98.2	98.7	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	7.7	94.5	95.7	96.9	98.2	98.7	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	7.7	94.5	95.7	96.9	98.2	98.7	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	7.7	94.5	95.7	96.9	98.2	98.7	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	7.7	94.6	95.9	97.0	98.3	98.9	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	7.7	94.6	95.9	97.0	98.3	98.9	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	7.7	94.6	95.9	97.0	98.3	98.9	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	7.7	94.6	95.9	97.0	98.3	98.9	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 704

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

42317 (STATION) SONDRESTPOM GL (STATION NAME) 74-82 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	3.5	42.4	42.4	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 20000	3.5	43.1	43.1	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
≥ 18000	4.1	56.4	56.4	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 16000	4.3	57.7	57.7	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 14000	4.3	57.7	57.7	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 12000	4.4	58.8	58.8	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 10000	5.1	63.4	63.4	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 9000	5.1	65.5	65.5	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 8000	5.4	74.3	74.3	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 7000	5.8	81.1	81.2	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 6000	5.9	83.6	83.7	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 5000	6.2	85.4	85.6	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 4500	6.2	86.0	86.3	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 4000	6.2	88.7	89.0	89.6	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 3500	6.4	89.8	90.1	90.7	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 3000	6.5	92.4	93.1	93.9	94.6	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2500	6.5	93.5	94.3	95.4	96.3	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 2000	6.5	93.6	94.5	96.1	97.1	97.7	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1800	6.5	93.6	94.5	96.1	97.1	97.7	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1500	6.5	93.6	94.5	96.1	97.2	98.1	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	6.5	93.6	94.5	96.1	97.2	98.1	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	6.5	93.6	94.5	96.1	97.2	98.1	98.8	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	6.5	93.6	94.5	96.1	97.2	98.1	98.8	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	6.5	93.8	94.6	96.3	97.4	98.2	98.9	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	6.5	93.8	94.6	96.3	97.4	98.2	98.9	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	6.5	93.8	94.6	96.3	97.4	98.2	98.9	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	6.5	93.8	94.6	96.3	97.4	98.2	98.9	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	6.5	93.8	94.6	96.3	97.4	98.2	98.9	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	6.5	93.9	94.8	96.4	97.5	98.3	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	6.5	93.9	94.8	96.4	97.5	98.3	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	6.5	93.9	94.8	96.4	97.5	98.3	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	6.5	93.9	94.8	96.4	97.5	98.3	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 724

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

42712	SONDRESTROM GL	74-82	DEC
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	3.2	41.2	41.2	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥ 20000	3.2	43.6	43.7	44.1	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 18000	3.9	58.4	58.5	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 16000	3.9	60.2	60.4	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 14000	3.9	60.5	60.5	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 12000	4.3	62.7	62.9	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 10000	4.6	67.5	67.6	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 9000	5.0	69.3	69.5	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 8000	5.3	76.2	76.5	76.9	77.0	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 7000	5.7	83.3	83.8	84.2	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 6000	5.7	85.6	86.1	86.6	86.8	86.8	87.1	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 5000	5.9	87.3	87.7	88.2	88.5	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 4500	5.9	88.4	88.9	89.5	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 4000	6.3	90.1	90.6	91.2	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 3500	6.3	91.3	91.9	92.4	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 3000	6.3	94.1	94.8	95.5	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2500	6.3	94.1	95.1	96.1	96.5	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 2000	6.3	94.3	95.1	96.5	97.3	98.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800	6.3	94.3	95.1	96.5	97.3	98.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	6.3	94.3	95.1	96.5	97.3	98.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	6.3	94.3	95.1	96.5	97.3	98.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	6.3	94.3	95.1	96.5	97.3	98.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	6.3	94.3	95.1	96.5	97.3	98.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	6.3	94.3	95.1	96.5	97.3	98.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	6.3	94.3	95.1	96.5	97.3	98.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	6.3	94.3	95.1	96.5	97.3	98.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	6.3	94.3	95.1	96.5	97.3	98.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	6.3	94.3	95.1	96.5	97.3	98.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	6.3	94.3	95.1	96.5	97.3	98.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	6.3	94.3	95.1	96.5	97.3	98.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	6.3	94.3	95.1	96.5	97.3	98.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	6.3	94.3	95.1	96.5	97.3	98.3	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 714

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

42717 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	3.4	40.1	40.1	40.1	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
≥ 20000	3.5	42.8	42.8	42.8	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 18000	4.5	55.8	55.8	55.8	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 16000	4.5	56.8	56.8	56.8	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 14000	4.5	57.7	57.7	57.7	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 12000	5.1	59.5	59.5	59.5	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 10000	5.5	64.6	64.6	64.6	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 9000	5.6	66.2	66.2	66.2	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 8000	5.8	73.0	73.0	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
≥ 7000	6.5	81.3	81.3	81.4	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 6000	6.6	83.8	84.1	84.1	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 5000	6.8	85.5	85.7	85.9	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 4500	6.9	85.8	86.1	86.4	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 4000	6.9	88.2	88.7	89.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 3500	6.8	90.6	91.1	91.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 3000	6.9	92.5	93.2	93.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2500	6.9	93.7	94.5	95.2	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 2000	6.9	94.0	94.8	95.6	97.7	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1800	6.9	94.0	94.8	95.6	97.7	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1500	6.9	94.0	94.8	95.8	97.9	98.7	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	6.9	94.1	94.8	95.8	97.9	98.7	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	6.9	94.1	94.8	95.8	97.9	98.7	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	6.9	94.0	94.8	95.8	97.9	98.7	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	6.9	94.0	94.8	95.8	97.9	98.7	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	6.9	94.0	94.8	95.8	97.9	98.7	99.3	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 600	6.9	94.1	94.8	95.8	97.9	98.7	99.3	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 500	6.9	94.1	94.8	95.8	97.9	98.7	99.3	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	6.9	94.0	94.8	95.8	97.9	98.7	99.3	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	6.9	94.0	94.8	95.8	97.9	98.7	99.3	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	6.9	94.0	94.8	95.8	97.9	98.7	99.3	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	6.9	94.0	94.8	95.8	97.9	98.7	99.3	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	6.9	94.0	94.8	95.8	97.9	98.7	99.3	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 711

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

4271 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	0
NO CEILING	3.3	46.7	46.0	46.0	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ 20000	3.3	49.3	49.3	49.3	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 18000	3.8	57.3	57.3	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 16000	3.8	58.2	58.2	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 14000	3.9	59.7	59.7	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 12000	4.2	61.6	61.6	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 10000	4.5	65.7	65.7	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 9000	4.8	67.5	67.5	67.6	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 8000	5.2	74.0	74.0	74.1	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 7000	5.9	81.5	81.6	81.8	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 6000	6.1	83.8	84.1	84.2	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 5000	6.4	85.4	85.7	85.9	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 4500	6.4	87.1	87.3	87.5	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 4000	6.4	89.9	90.2	90.3	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 3500	6.4	91.6	91.8	92.0	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 3000	6.4	94.4	94.8	95.1	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 2500	6.7	95.5	96.1	96.6	97.0	97.1	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2000	6.7	95.8	96.3	97.0	97.8	98.0	98.5	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1800	6.7	95.8	96.3	97.0	97.8	98.0	98.5	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1500	6.7	95.8	96.3	97.0	97.8	98.1	98.9	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	6.7	95.8	96.3	97.0	97.8	98.1	98.9	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	6.7	95.8	96.3	97.0	97.8	98.1	98.9	99.0	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	6.7	95.8	96.3	97.0	97.8	98.1	98.9	99.0	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	6.7	95.8	96.3	97.0	97.8	98.1	98.9	99.0	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	6.7	95.8	96.3	97.0	97.8	98.1	98.9	99.0	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 600	6.7	95.8	96.3	97.0	97.8	98.1	98.9	99.0	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 500	6.7	95.8	96.3	97.0	97.8	98.1	98.9	99.0	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	6.7	95.8	96.3	97.0	97.8	98.1	98.9	99.0	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	6.7	95.8	96.3	97.0	97.8	98.1	98.9	99.0	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	6.7	95.8	96.3	97.0	97.8	98.1	98.9	99.0	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	6.7	95.8	96.3	97.0	97.8	98.1	98.9	99.0	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	6.7	95.8	96.3	97.0	97.8	98.1	98.9	99.0	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 735

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

4271[illegible] (STATION) SONDRESTROM GL (STATION NAME) 74-87 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥⅞	≥¾	≥½	≥5/16	≥¼	0
NO CEILING	3.6	46.8	47.[illegible]	47.1	47.1	47.1	47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 20000	3.6	48.5	48.6	48.8	48.8	48.8	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 18000	4.5	58.7	58.8	58.9	58.9	58.9	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 6000	4.5	59.6	59.8	59.9	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 14000	4.7	60.6	60.7	60.9	60.9	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 12000	4.9	62.1	62.2	62.4	62.4	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 10000	5.4	66.8	66.9	67.0	67.0	67.0	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 9000	5.5	67.9	68.[illegible]	68.1	68.1	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 8000	6.5	74.5	74.6	74.7	74.7	74.7	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 7000	6.9	80.9	81.3	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 6000	7.1	83.5	83.8	83.9	83.9	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 5000	7.7	85.[illegible]	85.3	85.4	85.4	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 4500	7.7	86.5	87.[illegible]	87.2	87.2	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 4000	7.7	89.7	90.1	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 3500	8.1	91.1	91.5	92.0	92.0	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 3000	8.1	93.5	94.5	95.3	95.5	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2500	8.2	94.5	95.5	96.4	96.6	96.7	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 2000	8.2	94.6	95.6	96.8	97.7	97.9	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1800	8.2	94.8	95.7	97.0	97.8	98.1	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1500	8.2	94.9	95.9	97.1	97.9	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1200	8.2	94.9	95.9	97.1	97.9	98.4	98.[illegible]	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	8.2	95.1	96.[illegible]	97.3	98.1	98.5	98.8	99.2	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	8.2	95.1	96.0	97.3	98.1	98.5	98.8	99.2	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	8.2	95.1	96.0	97.3	98.1	98.5	98.8	99.2	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	8.2	95.1	96.0	97.3	98.1	98.5	98.8	99.2	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	8.2	95.1	96.[illegible]	97.3	98.1	98.5	98.8	99.2	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	8.2	95.1	96.[illegible]	97.3	98.1	98.5	98.8	99.2	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	8.2	95.1	96.[illegible]	97.3	98.1	98.5	98.8	99.2	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	8.2	95.1	96.0	97.3	98.1	98.5	98.8	99.2	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	8.2	95.1	96.0	97.3	98.1	98.5	98.8	99.2	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	8.2	95.1	96.[illegible]	97.3	98.1	98.5	98.8	99.2	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	8.2	95.1	96.[illegible]	97.3	98.1	98.5	98.8	99.2	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 728

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

42314 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	3.2	45.3	45.4	45.5	45.5	45.5	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 20000	3.3	47.1	47.2	47.3	47.3	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 18000	4.2	59.7	59.8	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 16000	4.2	60.7	60.8	61.0	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 14000	4.3	61.2	61.4	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 12000	4.5	62.8	62.9	63.1	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 10000	4.9	67.2	67.3	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 9000	5.1	68.6	68.8	69.0	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 8000	5.6	75.5	75.7	75.9	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 7000	6.0	82.3	82.6	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 6000	6.2	84.7	85.1	85.5	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 5000	6.4	86.1	86.6	86.9	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 4500	6.4	87.3	87.5	87.8	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 4000	6.4	89.5	90.1	90.5	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 3500	6.5	90.7	91.3	91.8	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 3000	6.6	93.1	94.0	94.6	95.1	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2500	6.7	94.3	94.9	95.8	96.4	96.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 2000	6.7	94.2	95.2	96.3	97.4	98.0	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1800	6.7	94.2	95.2	96.3	97.5	98.1	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1500	6.7	94.2	95.3	96.4	97.6	98.2	98.9	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	6.7	94.2	95.3	96.4	97.6	98.2	98.9	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	6.7	94.3	95.3	96.5	97.6	98.3	99.0	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	6.7	94.3	95.3	96.5	97.6	98.3	99.1	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	6.7	94.3	95.3	96.5	97.6	98.3	99.0	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	6.7	94.3	95.3	96.5	97.6	98.3	99.0	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	6.7	94.3	95.3	96.5	97.6	98.3	99.0	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	6.7	94.3	95.3	96.5	97.6	98.3	99.0	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	6.7	94.3	95.3	96.5	97.6	98.3	99.0	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	6.7	94.4	95.4	96.5	97.7	98.3	99.1	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	6.7	94.4	95.4	96.5	97.7	98.3	99.1	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	6.7	94.4	95.4	96.5	97.7	98.3	99.0	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	6.7	94.4	95.4	96.5	97.7	98.4	99.0	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 5770

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] SONDRESTROM GL 74-83 ALL
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	3.6	42.0	42.0	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
≥ 20000	3.8	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.6	45.6
≥ 18000	4.7	57.1	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 16000	4.7	57.4	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 14000	4.8	57.6	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 12000	4.8	58.4	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.7	58.7	58.7	58.7
≥ 10000	5.1	62.0	62.1	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 9000	5.2	63.5	63.6	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 8000	5.7	70.6	70.8	70.9	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 7000	6.2	76.9	77.2	77.4	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 6000	6.4	79.2	79.5	79.7	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 5000	6.6	82.0	82.3	82.6	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 4500	6.7	83.3	83.6	83.9	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 4000	7.0	87.1	87.5	87.8	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 3500	7.1	88.7	89.2	89.6	89.8	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 3000	7.2	91.3	92.0	92.5	92.9	93.0	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 2500	7.3	93.0	93.8	94.6	95.1	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 2000	7.4	94.3	95.2	96.0	96.8	97.2	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1800	7.4	94.6	95.5	96.3	97.1	97.4	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1500	7.4	95.0	95.9	96.7	97.6	98.0	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9
≥ 1200	7.4	95.1	96.0	96.9	97.7	98.2	98.6	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	7.5	95.2	96.1	97.0	97.8	98.3	98.8	99.2	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 900	7.5	95.2	96.1	97.0	97.9	98.4	98.8	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5
≥ 800	7.5	95.3	96.2	97.1	98.0	98.5	98.9	99.3	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 700	7.5	95.3	96.2	97.1	98.0	98.5	99.1	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	7.5	95.3	96.2	97.1	98.0	98.5	99.0	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 500	7.5	95.3	96.2	97.1	98.0	98.5	99.0	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	7.5	95.3	96.2	97.1	98.0	98.5	99.0	99.4	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9
≥ 300	7.5	95.3	96.3	97.2	98.0	98.5	99.0	99.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	7.5	95.3	96.3	97.2	98.0	98.6	99.1	99.5	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0
≥ 100	7.5	95.3	96.3	97.2	98.0	98.6	99.1	99.5	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	7.5	95.3	96.3	97.2	98.0	98.6	99.1	99.5	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 67426

USAF ETAC FORM NO. 0-14-5 (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 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

042310 SONDRESTROM GL 43-73
STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
≥ 75	.	.	.	.	.	.1	.1	.	.	.	.	.	.0
≥ 70	.	.	.	.	.	3.3	2.8	1.2	.	.	.	.	.6
≥ 65	.	.	.	.	2.9	16.6	24.4	11.4	.6	.	.	.	4.7
≥ 60	.	.	.	.	7.5	35.5	54.3	34.6	4.1	.	.	.	11.6
≥ 55	.	.	.	.6	19.6	60.5	81.2	59.7	13.2	1.2	.1	.	20.1
≥ 50	.3	.6	.3	2.7	37.2	81.9	93.4	83.8	30.3	4.7	1.0	.1	28.5
≥ 45	1.5	3.0	1.9	7.1	57.0	94.8	99.7	97.3	49.0	10.0	3.7	1.3	36.0
≥ 40	4.5	9.6	4.6	13.9	72.9	99.0	100.0	100.0	71.2	19.6	8.1	4.4	42.7
≥ 35	10.0	13.3	7.6	26.1	86.9	100.0	.	.	87.2	31.2	16.1	8.9	49.3
≥ 30	16.2	19.0	12.3	37.6	93.9	.	.	.	96.9	48.6	25.0	15.5	55.7
≥ 25	21.8	25.3	19.1	51.3	97.4	.	.	.	99.8	66.5	33.6	21.6	61.6
≥ 20	27.3	30.3	26.8	63.8	99.0	.	.	.	99.9	82.0	46.2	28.5	67.2
≥ 15	33.8	35.5	35.2	75.8	99.7	.	.	.	.	91.8	60.6	35.5	72.4
≥ 10	42.8	42.0	47.5	87.1	99.8	.	.	.	.	97.1	72.9	47.7	78.1
≥ 5	54.3	50.5	57.4	95.4	100.0	.	.	.	100.0	99.0	82.1	59.3	83.2
≥ 0	63.7	58.9	68.7	98.0	.	.	.	.	.	99.8	88.2	68.6	87.2
≥ -5	74.7	70.1	78.2	98.9	.	.	.	.	.	100.0	93.2	77.5	91.1
≥ -10	81.2	79.8	88.1	100.0	.	.	.	.	.	.	96.7	84.5	94.2
≥ -15	86.8	87.5	93.8	.	.	.	.	.	.	.	98.3	90.5	96.4
≥ -20	91.3	92.6	97.4	.	.	.	.	.	.	.	99.5	94.1	97.9
≥ -25	94.3	95.4	99.1	.	.	.	.	.	.	.	100.0	96.7	98.8
≥ -30	97.0	98.0	100.0	.	.	.	.	.	.	.	.	97.9	99.4
≥ -35	99.2	99.3	.	.	.	.	.	.	.	.	.	98.7	99.8
≥ -40	99.5	99.8	.	.	.	.	.	.	.	.	.	99.2	99.9
≥ -45	100.0	100.0	.	.	.	.	.	.	.	.	.	99.8	100.0
≥ -50	.	.	.	.	.	.	.	.	.	.	.	100.0	100.0
MEAN	7.0	7.4	8.8	24.9	45.6	56.6	59.8	56.3	44.6	29.5	18.2	8.5	31.6
S D	19.716	20.689	16.658	13.181	10.163	7.346	5.975	6.492	8.489	11.045	15.099	18.482	24.427
TOTAL OBS	930	842	899	840	868	858	930	930	900	898	840	899	10434

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

042710 SONDRESTROM GL 43-73
STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
55	.	.	.	.	.	.	.	.1	.	.	.	.	.0
50	.	.	.	.	.1	2.0	1.4	1.1	.3	.	.	.	.4
45	.1	.	.	.1	2.1	15.0	23.9	8.9	2.2	.	.	.	4.5
40	.	.1	.	.5	9.0	55.1	80.4	45.8	11.9	1.1	.1	.	17.4
35	.	1.0	.1	1.5	28.0	87.1	98.9	83.8	33.3	5.3	.8	.4	28.9
33	.5	1.3	.3	2.9	40.4	94.5	99.9	90.2	44.1	7.8	1.5	.7	32.5
30	1.4	2.1	.9	6.8	58.1	98.8	100.0	97.0	61.4	12.7	3.5	1.1	37.5
25	2.9	4.4	2.0	14.2	80.3	100.0	.	99.8	79.9	24.8	7.0	2.6	43.6
20	5.9	7.5	4.1	25.5	89.4	.	.	100.0	91.3	41.5	12.9	5.8	49.1
15	9.0	12.1	7.8	36.5	93.8	.	.	.	98.8	57.8	23.1	10.0	54.4
10	14.0	16.9	13.1	47.3	97.0	.	.	.	99.6	74.3	36.2	17.8	59.9
5	20.6	24.3	21.8	60.5	98.6	.	.	.	99.8	85.2	49.5	27.5	65.8
0	29.5	30.6	31.6	71.8	99.1	.	.	.	99.9	93.1	61.0	36.2	71.2
-5	42.6	39.5	43.3	82.6	99.8	.	.	.	100.0	97.8	73.6	46.8	77.2
-10	54.1	49.4	53.2	90.8	100.0	.	.	.	.	99.8	84.2	57.6	82.4
-15	64.9	60.5	66.4	96.4	.	.	.	.	.	100.0	92.0	70.2	87.5
-20	74.0	71.3	77.2	98.8	.	.	.	.	.	.	96.0	80.1	91.4
-25	82.5	82.9	86.9	99.9	.	.	.	.	.	.	98.3	88.7	94.9
-30	89.1	90.4	93.8	100.0	.	.	.	.	.	.	99.8	94.1	97.2
-35	93.9	95.7	97.9	.	.	.	.	.	.	.	100.0	97.2	98.7
-40	97.3	98.6	99.8	.	.	.	.	.	.	.	.	97.9	99.5
-45	99.2	99.4	100.0	.	.	.	.	.	.	.	.	99.2	99.8
-50	100.0	100.0	.	.	.	.	.	.	.	.	.	99.8	100.0
-55	.	.	.	.	.	.	.	.	.	.	.	100.0	100.0
MEAN	-8.9	-8.7	-8.1	8.6	29.4	39.9	42.1	38.8	30.8	16.6	3.9	-6.4	14.9
S D	16.997	17.629	15.273	13.829	8.620	8.527	3.260	8.618	7.562	11.015	13.925	16.176	23.292
TOTAL OBS	930	882	899	888	864	858	930	930	900	899	880	899	10634

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

42310 SONDRESTROM GL 43-73

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
≥ 60	.	.	.	.	.1	1.4	1.0	.6	.1				.3
≥ 55	.	.	.	.	1.1	19.3	20.8	6.7	.8				3.7
≥ 50	.	.	.	.1	7.1	42.4	68.1	36.6	4.9	.1			13.7
≥ 45	.1	.2		.8	22.1	76.0	93.5	73.5	19.9	2.3	.4		24.6
≥ 40	.4	.8	.3	3.2	46.2	94.5	100.0	95.8	43.2	6.9	1.3	.4	33.3
≥ 35	1.7	3.3	1.6	9.2	68.0	99.4		100.0	69.0	14.8	4.5	2.0	39.9
≥ 30	4.2	6.9	3.6	18.9	84.1	100.0			84.8	28.0	9.8	4.3	45.9
≥ 25	8.4	11.9	6.2	30.8	92.5				95.6	45.5	18.6	7.7	51.8
≥ 20	14.7	16.9	12.2	43.7	95.5				99.4	63.7	28.2	15.6	57.8
≥ 15	20.4	23.5	20.1	56.8	98.1				99.8	78.8	41.1	22.5	63.7
≥ 10	27.2	30.5	28.4	69.9	99.2				99.9	90.1	56.5	31.5	69.6
≥ 5	37.5	37.5	40.6	80.7	99.7					95.8	68.9	42.9	75.4
≥ 0	49.8	46.6	50.6	88.8	100.0				100.0	99.0	79.3	53.4	80.7
≥ -5	59.9	54.5	61.6	96.5						99.7	86.9	63.6	85.2
≥ -10	70.8	66.5	72.6	98.2						100.0	92.6	74.6	89.6
≥ -15	78.9	76.7	83.0	99.4							96.8	83.8	93.2
≥ -20	85.4	85.0	90.9	100.0							98.7	90.3	95.8
≥ -25	90.9	92.3	96.2								99.6	93.8	97.7
≥ -30	94.2	96.0	98.7								100.0	97.1	98.8
≥ -35	96.8	98.1	100.0									98.1	99.4
≥ -40	99.4	99.3										98.9	99.8
≥ -45	99.8	100.0										99.4	99.9
≥ -50	100.0											100.0	100.0
MEAN	-1.0	-.1	.4	16.8	37.8	48.9	51.2	47.7	37.8	23.2	11.1	1.0	22.8
S D	17.838	18.789	15.655	13.222	9.016	5.427	3.913	4.751	7.598	10.598	14.087	16.891	23.689
TOTAL OBS	930	842	899	840	868	858	930	930	900	898	840	899	10634

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

042310 SONDRESTROM GL 43-73

STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43	42	36	46	38	61	67	65	64	60	42	50	45	67
44	26	48	46	48	66	69	68	70	60	55	37	35	70
45	48	14	47	41	66	71	68	69	59	55	46	46	71
46	38*	36				* 60	64	63	63	57	58	47	
47	47	50	48	50	63	73	62	59	59	51	51	38	73
48	30	40	35	46	64*	71	71	68	60	47		36	
49	37	35	49	37	63	71	69	64	61	47	40	40	71
50	33	32	48	51	61	70	69	73	50				
51						* 68	66	61	62	54	45	31	
52	39	47	40	55	67	69	70	69	66	53	42	47	70
53	39	47	35	50	67	71	70	66	61	44	39	34	71
54	48	42	36	59	67	71	67	63	59	51	45	34	71
55	46	50	52	45	65	69	64	68	56	51	45	38	69
56	31	46	38	49	57	72	69	65	63	57	43	34	72
57	41	34	26	42	59	71	66	66	60	44	42	39	71
58	29	38	26	48	68	67	70	67	57	50	44	36	70
59	41	37	9	46	66	75	69	64	63	53	43	34	75
60	36	39	42	43	62	71	71	73	68	58	45	41	73
61	44	27	43	47	60	66	70	69	63	45	40	47	70
62	31	45	49	53	65	65	75	66	60	50	50	47	75
63	47	43	42	45	46	71	69	68	58	45	45	46	71
64	54	46	53	53	67	65	67	73	60	46	42	38	73
65	43	50	37	49	67	68	71	68	55	50	53	35	71
66	19	44	34	40	59	68	69	69	61	53	46	35	69
67	47	44	30	40	59	63	66	65	59	38	43	44	66
68	37	44	44	50	68	72	72	72	66	55	44	27	72
69	41	51	40	57	64	67	72	66	55	40	51	44	72
70	40	47	38	53	53	63	68	66	58	52	47	53	68
71	47	30	33	50	60	67	72	64	63	35	48	39	72
72	35	42	37	54	63	57	68	72	63*	48	34	32	72
MEAN													
S.D.													
TOTAL OBS.													

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-80-6 (OL-A)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

Q42310 SONDRESTROM GL 43-73

STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
73	47	10	34										
MEAN	39.2	39.9	39.1	47.8	62.6	68.5	68.6	67.0	60.3	49.2	44.8	39.4	70.9
S.D.	7.657	9.989	9.284	5.690	4.964	3.756	2.800	3.562	3.629	5.959	4.989	6.161	2.139
TOTAL OBS.	93[illegible]	84[illegible]	89[illegible]	84[illegible]	86[illegible]	85[illegible]	93[illegible]	93[illegible]	90[illegible]	89[illegible]	84[illegible]	89[illegible]	10634

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-80-6 (OL-A)

@ (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

042310 SONDRESTROM GL 43-73
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

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

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-8-0 (OL-A)

0 (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

04271C (STATION) SONDRESTROM GL (STATION NAME) 43-73 (YEARS)

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
73	-47	-40	-38										
MEAN	-34.3	-31.4	-29.4	-11.0	14.4	31.6	36.2	29.7	16.1	-3.0	-17.8	-28.3	-38.0
S.D.	8.813	7.962	8.708	7.696	4.765	3.130	2.156	3.044	5.917	6.209	8.594	8.053	6.840
TOTAL OBS.	930	842	899	840	868	858	930	930	900	898	840	899	10634

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AM 00 0-80-0 (OEA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH: JAN | HOURS (L. S. T.)

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

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH: JAN | 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
/-	•																				
/-	•																				
/-	•																				
/-	•																				
/-	•																				
/-	•																				
/-	•																				
/-	•																				
/-	•																				
/-	•																				
/-	•																				
/-	•																				
/-	•																				
/-	•																				

Element (X)	$\Sigma_{X'}$	Σ_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.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH: JAN

PAGE | HOURS (L. S. T.)

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

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH JAN

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
/-	•																				
/-	•																				
/-	•																				
/-	•																				
/-	•																				
/-	•																				
/-	•																				
/-	•																				
/-	•																				
/-	•																				
/-	•																				
/-	•																				
/-	•																				
/-	•																				
/-	•																				
[illegible]	•	•	•	•	•	•	•											46		467	467

Element (X)	Σ_X'	Σ_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.					467							
Dry Bulb					467							93
Wet Bulb					467							93
Dew Point					467							93

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

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH: JAN

HOURS (L. S. T.)

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

Element (X)	Σ_R'	Σ_R	$\bar{R}$	σ_R	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) Revised Previous Editions Of This Form Are Obsolete

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | JAN MONTH

PAGE ? | 06 L-08 L0 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	13	9	12
/-	•																	12	17	12	14
/-	•																	2	17	11	7
/-	•																	1	[illegible]	[illegible]	8
/-	•																	0	13	6	9
/-	•																	1	15	10	12
/-	•																	10	19	9	6
/-	•																	6	9	[illegible]	[illegible]
/-	•																	2	11	10	22
/-	•																	5	6	5	[illegible]
/-	•																	3	6	5	16
/-	•																	1	3	3	9
/-	•																		1	[illegible]	8
/-	[illegible]																				3
/-	•																		1	[illegible]	[illegible]
/-																					
TOTAL	•	•	•	•	•	•	•											41.3	7 [illegible]	463	463

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.	[illegible]	[illegible]	[illegible]	[illegible]	463							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	463	[illegible]	[illegible]					93
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	463	[illegible]	[illegible]					93
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	463	[illegible]	[illegible]					93

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

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH: JAN

PAGE | HOURS (L. S. T.)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04271 STATION | SONDRESTROM GL STATION NAME | 75-83 YEARS | JAN 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
-?/-21	2.5																	13	16	13	11
-22/-23	2.5																	13	18	13	17
-24/-25	1.6																	8	10	8	11
-26/-27	1.?																	5	14	5	9
-?/-29	3.1																	16	18	16	6
-30/-31	4.1																	?1	24	21	12
-?/-33	?.1																	11	12	11	17
-34/-35	1.6																	8	12	8	21
-36/-37	1.6																	8	12	8	18
-38/-39	.6																	3	4	3	10
-40/-41	.6																	3	4	3	13
-42/-43	1.0																	5	5	5	5
-44/-45																					5
-46/-47	.4																	2	?	2	8
-?/-51																					2
TOTAL	67.8	17.0	9.5	4.3	1.2	.2													727		512
																		512		512	

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.	2957774	37882	74.?	17.41?	512							
Dry Bulb	285642	-970	-1.3	19.79?	727	51.?	88.7					93
Wet Bulb	198369	-1458	-2.8	19.495	512	53.9	90.1					93
Dew Point	225888	-8578	-8.9	19.125	512	60.8	92.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

042310 STATION | SONDRESTROM GL STATION NAME | 75-83 YEARS | JAN 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
47/ 45					•													1	1		
44/ 43				•	•													4	5		
42/ 41			•	•	•													7	8		
4 / 39		•		•														2	2	1	
38/ 37			•	1.														8	10	5	
36/ 35			•	•														4	4	4	
34/ 33		•	•	•														10	13	10	2
32/ 31		•	•	•														3	5	9	1
30/ 29			•	•														3	5	7	1
28/ 27		•	2.	•														22	28	4	8
26/ 25		•	1.															8	8	7	7
24/ 23		1.	1.															11	15	19	8
22/ 21	•	1.	•															12	21	13	9
/ 19		1.	•															7	12	12	2
18/ 17	•	•	1.															12	16	12	11
16/ 15	•	2.																12	19	15	7
14/ 13		1.	•															8	16	11	16
12/ 11	•	1.																7	9	11	15
10/ 9	•	2.																19	30	13	19
8/ 7	1.	1.																14	26	16	13
6/ 5	1.	1.																18	36	14	20
4/ 3	2.	•																15	23	23	26
2/ 1	2.	•																17	31	16	17
0/ -1	2.	•																30	39	32	23
-2/ -3	2.																	14	29	14	26
-4/ -5	4.	1.																33	40	30	26
-6/ -7	4.																	25	32	28	20
-8/ -9	2.																	15	22	15	16
-10/-11	3.																	17	23	17	9
-12/-13	1.																	9	10	9	15
-14/-15	2.																	10	13	10	17
-16/-17	1.																	8	9	8	6
-18/-19	2.																	15	21	15	11
-20/-21	2.																	10	17	10	11

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | SONDRESTROM GL STATION NAME | 75-83 YEARS | JAN MONTH

PAGE 2 | 1200-1800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible]2/-23	3.1																	16	17	16	16
[illegible]4/-25	2.																	12	15	10	16
[illegible]6/-27	.8																	4	8	4	15
[illegible]8/-29	2.7																	14	15	14	8
[illegible]0/-31	2.7																	14	15	14	8
[illegible]2/-33	1.4																	7	8	7	14
[illegible]4/-35	2.0																	10	11	10	14
[illegible]6/-37	1.3																	9	12	9	11
[illegible]8/-39	1.8																	9	11	9	10
[illegible]0/-41	.6																	3	4	3	20
[illegible]2/-43	.2																	1	1	1	11
[illegible]4/-45																					1
[illegible]6/-47	.2																	1	1	1	1
[illegible]8/-49	.4																	2	2	2	
[illegible]0/-51																					2
[illegible]2/-53																					1
TOTAL	64.7	19.4	10.2	4.5	1.2													510	717	510	510

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.	2896793	3748.11	73.3	17.393	510							
Dry Bulb	265095	-239	-.3	19.052	717	48.6	87.4					93
Wet Bulb	200867	-1101	-2.2	19.797	510	52.5	89.4					93
Dew Point	225122	-8293	-8.8	19.266	510	59.8	92.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

0[illegible]0 | SONDRESTROM GL | 75-83 | JAN
STATION | STATION NAME | YEARS | MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
40/ 35																			1		
34/ 33				.6	.4													5	5		
32/ 31		.2	.2	.6	.6													8	8		
30/ 29			.2	1.	.6													9	17	1	
28/ 27			.2	.8														5	6	4	1
26/ 25			.4	.8														6	8	6	
24/ 23			.6	.4														11	11	11	
22/ 21		.2		.6	.2													5	9	14	
20/ 19		.2	.6	.6														7	8	7	3
18/ 17		.8	1.6	.4														14	20	6	6
16/ 15		.4	1.2	.2														8	8	8	8
14/ 13		.2	1.0															11	15	14	15
12/ 11	.4	.6	.4															7	11	13	8
10/ 9	.2	2.5	.4															16	22	10	7
8/ 7		.2	1.0															6	10	19	7
6/ 5	.4	.8	.2															7	12	10	10
4/ 3		1.8																9	12	9	11
2/ 1	.4	1.8	.2															12	22	13	8
0/ -1	1.0	1.8																14	17	14	30
-2/ -3	1.2	1.0																11	14	12	10
-4/ -5	2.5	1.6																21	36	19	16
-6/ -7	1.9	1.4																17	28	15	20
-8/ -9	1.1	.4																18	29	23	21
-10/ -11	3.0	.2																21	36	23	30
-12/ -13	3.1	.8																23	27	23	12
-14/ -15	4.1	1.4																28	42	26	24
-16/ -17	3.3																	17	26	19	21
-18/ -19	4.5																	23	31	23	16
-20/ -21	3.5																	18	26	18	14
-22/ -23	2.5																	13	13	13	7
-24/ -25	2.5																	13	16	13	14
-26/ -27	2.1																	13	13	11	15
-28/ -29	3.9																	20	22	20	20
-30/ -31	1.6																	8	14	8	13

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] STATION | SONDRESTROM GL STATION NAME | 75-83 YEARS | JAN MONTH

PAGE [redacted] | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[redacted]/-23	1.4																	7	10	7	22
[redacted]/-25	2.3																	12	16	12	13
[redacted]/-27	1.6																	8	12	8	17
[redacted]/-29	1.8																	9	10	9	8
[redacted]/-31	3.3																	17	19	17	7
[redacted]/-33	1.?																	[redacted]	[redacted]	[redacted]	9
[redacted]/-35	2.7																	14	17	14	16
[redacted]/-37	1.4																	7	8	7	[redacted]
[redacted]/-39	1.?																	5	6	5	15
[redacted]/-41	.4																	2	4	2	8
[redacted]/-43	.6																	3	3	3	13
[redacted]/-45																					1
[redacted]/-47																					2
[redacted]/-49	.4																	2	2	2	
[redacted]/-51																					1
[redacted]/-53																					1
TOTAL	64.3	18.9	8.8	5.8	1.8													514	709	514	514

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.	2918876	37658	73.3	17.658	514							
Dry Bulb	289827	-418	-.62	[illegible].224	769	52.5	86.6					93
Wet Bulb	206658	-1084	-2.1	19.960	514	52.5	89.3					93
Dew Point	225561	-4311	-8.4	19.215	514	60.3	92.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | SONDRESTROM GL STATION NAME | 75-83 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
5 / 4[illegible]						.[illegible]												2	2		
4[illegible] / 45						.[illegible]												1	1		
[illegible] / 43					.[illegible]	.2												2	3		
[illegible]2 / 41		.[illegible]		.2	.6													5	6	2	
4[illegible] / 39			.[illegible]	.8	.4													9	9	1	
3[illegible] / 37			.4	1.6														10	12		1
[illegible] / 35		.4	.5	.8	.[illegible]													13	12	6	
[illegible] / 33	.2		.4															3	3	14	1
[illegible] / 31		.2		.[illegible]														2	5	15	1
[illegible] / 29			.2	.6														4	5	5	5
[illegible] / 27		.[illegible]	1.4	.6														15	17	1	4
[illegible] / 25		.4	.3															6	8	9	5
24 / 23		.2	1.0															11	18	11	12
22 / 21		2.[illegible]	.4															12	17	11	8
[illegible] / 19	.[illegible]	1.4	1.[illegible]															13	15	16	6
[illegible] / 17	.2	1.0	.6															9	11	10	7
[illegible] / 15	.4	1.2	.6															11	16	16	9
[illegible] / 13		.6	.2															4	11	8	10
12 / 11	.4	1.8	.2															12	18	14	11
/ [illegible]	1.6	2.4																23	30	19	30
[illegible] / 7	.[illegible]	1.2	.2															8	14	6	10
[illegible] / [illegible]	2.4	2.4																24	34	19	19
[illegible] / [illegible]	1.6	1.4																15	22	18	22
/ 1	[illegible].2	.4																13	23	18	14
[illegible] / -1	[illegible].5	.2																28	49	29	23
-[illegible] / -3	2.[illegible]	1.2																16	23	17	19
-[illegible] / -5	4.3	2.[illegible]																31	53	30	28
-[illegible] / -7	3.7																	18	38	19	10
-[illegible] / -9	1.4																	7	14	7	21
-[illegible] / -11	2.6																	13	20	13	11
-1[illegible] / -13	2.2																	11	20	11	8
-14 / -15	1.6																	8	14	8	7
-[illegible] / -17	2.9																	14	16	14	14
-[illegible] / -19	3.1																	15	26	15	11

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04270 STATION | SONDRESTROM GL STATION NAME | 75-83 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
0/-21	1.4																	7	11	7	2
2/-23	2.6																	13	19	13	16
24/-25	1.4																	7	11	7	14
26/-27	2.																	10	16	10	13
28/-29	3.7																	18	19	18	3
30/-31	1.8																	9	14	9	5
32/-33	2.																	10	11	10	13
34/-35	3.2																	15	18	15	8
36/-37	2.																	10	12	12	21
38/-39	.8																	4	4	4	16
40/-41	.6																	3	5	3	19
42/-43	.2																	1	1	1	6
44/-45																					2
46/-47	.2																	1	1	1	1
48/-49	.2																	1	1	1	
50/-51																					1
52/-53																					1
TOTAL	.6	1.1	2.0	8.8	4.9	1.4	.8											491	732	491	491

Element (X)	$\Sigma_{X'}$	Σ_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.	2695688	35326	71.9	17.731	491							
Dry Bulb	295113	-715	-1.0	20.069	732	52.3	86.6					93
Wet Bulb	202667	-991	-2.0	20.237	491	51.5	88.6					93
Dew Point	225858	-4238	-8.6	19.658	491	59.9	92.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

0N2210	SONDRESTROM GL	75-83	JAN
STATION	STATION NAME	YEARS	MONTH

PAGE 1 — 2100-2300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
46/ 45						.2												1	1		
44/ 43		.2																1	2		
42/ 41				.9														4	7	1	
4 / 39				1.1														5	6		1
38/ 37			.4	1.3														8	10	1	
36/ 35			.4	1.7														10	12	5	
34/ 33			.6	.4														6	8	6	
32/ 31			.6	.9														7	8	14	
30/ 29		.4	.4															4	5	7	1
28/ 27		.6	1.1															8	10	7	2
26/ 25		1.1	1.1															10	13	9	5
24/ 23	.2	.9	1.3															11	14	12	12
22/ 21		1.1	1.1															10	12	8	15
20/ 19	.2	1.5	.6															11	17	17	5
18/ 17	.2	1.3	1.7															15	19	9	14
16/ 15	.4	1.3	.4															10	12	14	7
14/ 13	.4	3.7	.2															17	24	14	15
12/ 11	.2	1.7																9	14	16	11
10/ 9	.4	2.8																15	30	12	16
8/ 7	1.9	.6																12	21	20	12
6/ 5	.9	1.5																11	26	8	18
4/ 3	3.2	.9																19	35	22	20
2/ 1	2.6	1.3																18	23	15	21
0/ -1	5.2	.9																33	50	36	32
-2/ -3	2.9	.9																17	30	17	13
-4/ -5	2.1	.4																12	39	12	16
-6/ -7	5.6																	26	41	28	18
-8/ -9	3.8																	18	26	18	23
-10/-11	1.9																	9	17	9	18
-12/-13	1.7																	8	15	8	13
-14/-15	1.9																	9	14	9	5
-16/-17	1.1																	5	10	5	9
-18/-19	1.9																	9	15	9	7
-20/-21	1.7																	8	12	8	10

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 80-84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | SONDRESTROM GL STATION NAME | 75-83 YEARS | JAN MONTH

PAGE [illegible] | 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
21/-23	2.1																	10	14	10	19
24/-25	2.6																	12	18	12	6
[illegible]/-27	2.6																	13	17	13	15
[illegible]/-29	2.4																	11	13	11	9
[illegible]/-31	.4																	11	16	11	7
[illegible]/-33	2.4																	11	18	11	10
34/-35	1.7																	8	10	8	12
36/-37	1.9																	9	11	9	13
[illegible]/-39	1.1																	5	5	5	20
[illegible]/-41																					11
[illegible]/-43																					5
44/-45	.2																	1	1	1	
48/-49	.2																	1	1	1	1
[illegible]/-51																					1
TOTAL	[illegible].1 22.2 [illegible].3 6.2					.2												468	716	468	469

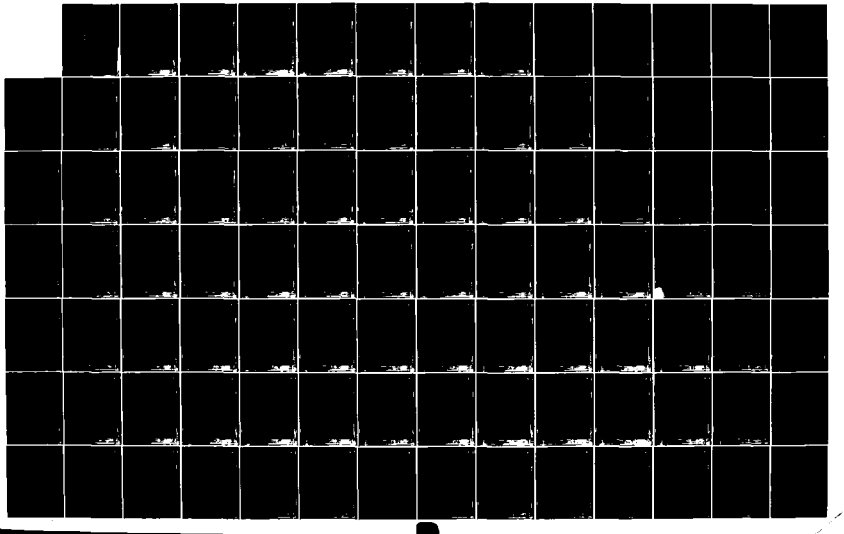
Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	263218	34128	72.9	17.4	468							
Dry Bulb	265593	-185	-.2	19.272	716	50.3	87.9					93
Wet Bulb	178268	-85	-1.[illegible]	19.518	863	89.9	90.4					93
Dew Point	194103	-3433	-7.3	19.[illegible]18	868	58.2	92.8					93

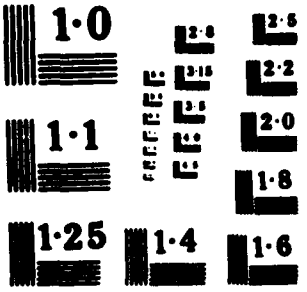
USAFETAC FORM 0-26-5 (OL A) 74 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A146 919 SONDRESTROM AB GREENLAND REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSER..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. JUL 84

4/5

UNCLASSIFIED USAFETAC/DS 84/021 SBI AD-E850 745 F/G 4/2 NL




1·0
1·1
1·25
1·4
2·5
2·2
2·0
1·8
1·6

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

42713 SONDRESTROM GL 45-67 JAN
STATION STATION NAME YEARS MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31								
50/ 49						.1												2	2		
49/ 47					.1	.1												2	2		
48/ 45					.1	.2												9	10		
46/ 43				.2	.3	.1												19	24		
44/ 41			.1	.1	.4	.3												34	45	3	
42/ 39			.1	.2	.6	.1												37	43	5	1
40/ 37			.1	.5	.8	.2												58	73	17	2
38/ 35			.1	.3	.6	.1												45	58	38	2
36/ 33		.0	.1	.6	.6													52	61	70	4
34/ 31			.1	.2	.7	.1												44	65	74	6
32/ 29			.2	.5	.5	.2												53	67	85	19
30/ 27			.7	1.5	.4													102	131	88	33
28/ 25			.6	1.2	.1													67	83	76	38
26/ 23		.2	1.1	1.3														95	131	109	72
24/ 21		.3	1.6	.7														100	133	91	74
22/ 19		.3	1.6	.5														89	128	128	41
20/ 17		.2	1.1	.3														88	121	107	81
18/ 15		.3	1.2	.4														71	110	104	75
16/ 13		.2	1.6	.1														73	112	78	112
14/ 11		.6	1.4	.1														77	126	98	103
12/ 9		.2	2.4	.3														139	231	114	197
10/ 7		.2	1.3	.1														98	168	116	113
8/ 5		.2	1.0															159	272	132	128
6/ 3		.5	1.1															138	241	156	162
4/ 1		.4	.5															112	216	131	159
2/ -1		.4	.2															186	319	201	211
0/ -3		.6	.2															138	236	139	127
-2/ -5		.7	.1															238	376	216	155
-4/ -7		.2																164	251	188	170
-6/ -9		.1																119	189	119	150
-8/-11		.6																100	164	110	103
-12/-13		.9																75	117	75	105
-14/-15		.1																76	105	76	81
-16/-17		.7																66	91	56	66

Element (X)	Σ_X'	Σ_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.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] STATION | SONDRESTROM GL STATION NAME | 75-83 YEARS | JAN MONTH

PAGE 7 | 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
[redacted]/-19	2.4																	94	141	94	85
[redacted]/-21	1.0																	71	111	71	93
22/-23	2.6																	101	128	101	129
24/-25	2.3																	88	119	88	85
[redacted]/-27	1.8																	69	107	69	99
[redacted]/-29	2.5																	98	123	98	77
[redacted]/-31	2.8																	108	128	108	65
32/-33	2.5																	96	136	96	84
34/-35	2.1																	83	101	83	108
36/-37	1.8																	72	88	72	148
38/-39	1.																	39	45	39	103
[redacted]/-41	.6																	22	33	22	128
[redacted]/-43	.4																	15	19	15	64
44/-45	.1																	5	5	5	22
[redacted]/-47	.2																	6	6	6	13
48/-49	.2																	6	8	8	4
[redacted]/-51																					1
[redacted]/-53																					1
TOTAL	63.6	21.	9.7	5.1	1.	.3													5745		3897
																		3897		3897	

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.	21955713	284889	73.0	17.601	3897							
Dry Bulb	2219615	-4749	-.	19.697	5745	801.6	703.3					744
Wet Bulb	1550486	-8438	-2.2	19.831	3897	411.9	718.6					744
Dew Point	1783920	-33210	-8.5	19.368	3897	878.8	782.3					744

USAFETAC FORM 0-26-3 (OL A) 82 04 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

42713 STATION | SONDRESTROM GL STATION NAME | 75-83 YEARS | FEB MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]			.3	.3														2	2		
34/ 37			.5															1	1	1	
31/ 35				.5														1	1		
29/ 33				1.0														4	5	4	1
27/ 31		.5	.5	.5														7	14	1	
[illegible]			.5	.5														3	4	3	
[illegible]		[illegible]	[illegible]															8	13	8	1
23/ 25		.5	1.0															6	7	8	2
21/ 23		1.0	.5															6	11	7	
19/ 21		.5																2	4	7	2
[illegible]	.5	1.8	1.5															13	13	4	6
15/ 17	.5	1.0	.5															9	10	12	10
13/ 15	.8	1.5	.5															13	11	15	17
11/ 13	1.5	2.5																14	22	14	13
9/ 11	.5	1.0																7	12	12	6
7/ [illegible]	1.6	3.2																19	31	13	13
[illegible]	2.6	1.[illegible]	.5															12	18	18	8
3/ 5	2.3	1.0																13	25	15	21
1/ 3	2.1	1.8																15	27	11	13
-1/ 1	2.5	2.6																21	38	17	17
-3/ -1	5.4	.5																22	38	32	27
-5/ -3	3.1	.5																14	25	14	14
-7/ -5	4.1																	16	29	16	16
-9/ -7	3.1																	12	19	12	11
-11/ -9	3.1																	12	17	12	11
-13/ -11	2.9																	11	24	11	13
-15/ -13	1.8																	7	19	7	14
-17/ -15	1.8																	7	15	7	13
-19/ -17	3.6																	14	27	14	15
-21/ -19	4.1																	16	34	16	13
-23/ -21	4.1																	16	26	16	19
-25/ -23	3.3																	13	23	13	10
-27/ -25	2.8																	11	20	11	17
[illegible] -27	1.8																	7	11	7	12

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 20 Jul 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] STATION | SONDRESTROM GL STATION NAME | 75-83 YEARS | FEB MONTH

PAGE 2 [redacted] 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
[redacted]/-29	2.6																	10	12	10	11
[redacted]/-31	1.5																	6	9	6	5
[redacted]/-33	2.3																	9	12	9	7
[redacted]/-35	1.5																	6	8	6	16
[redacted]/-37	1.3																	5	11	5	11
[redacted]/-39																			1		2
[redacted]/-41	.5																	1	1	1	3
[redacted]/-43																					1
TOTAL	69.6	21.0	6.9	2.6														391	638	391	391

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.	2866145	31895	78.[illegible]	18.998	391							
Dry Bulb	198509	-22.2	-3.5[illegible]	7.312	638	88.8	82.8					88
Wet Bulb	119029	-1220	-3.1[illegible]	7.187	391	88.3	83.8					88
Dew Point	131639	-1201	-8.2[illegible]	8.882	391	56.1	83.8					88

USAFETAC FORM AM 94 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4271 SONDRESTROM GL 75-87 FEB
STATION STATION NAME YEARS MONTH

PAGE 1 2300-2500
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
42/ 41																			1		
40/ 39			.3	.3														2	2		
38/ 37				.5														2	2	1	
36/ 35			1.5	1.5														11	10		
34/ 33		.3	.8															4	4	3	
32/ 31		1.5	1.5															12	14	12	1
30/ 29		.3	1.5															7	9	11	1
28/ 27		1.5	.3															7	9	7	
26/ 25	.3	.5	.3															4	5	15	3
24/ 23		.5	.5															4	6	1	9
22/ 21	.8	1.1	.5															13	15	9	13
20/ 19	1.3	1.8	.3															12	19	16	11
18/ 17	1.3	1.5																11	16	15	11
16/ 15	.5	1.3	.3															7	11	6	13
14/ 13	1.3	2.1																12	18	6	12
12/ 11	2.8	1.3																15	23	22	5
10/ 9	1.5	1.3																11	20	9	23
8/ 7	3.3	.5																15	23	16	12
6/ 5	2.3	2.6																19	24	11	14
4/ 3	6.7	.5																28	53	38	23
2/ 1	1.3																	7	19	7	16
0/ -1	4.1	.5																18	31	17	12
-2/ -3	4.9																	19	26	20	19
-4/ -5	2.5																	10	19	10	10
-6/ -7	2.6																	10	21	10	12
-8/ -9	3.2																	12	19	12	8
-10/-11	1.5																	6	14	6	18
-12/-13	2.3																	9	16	9	13
-14/-15	4.6																	18	32	18	18
-16/-17	3.1																	12	22	12	15
-18/-19	4.6																	10	30	10	12
-20/-21	1.5																	6	11	6	11
-22/-23	2.8																	11	17	11	16

Element (X)	$\Sigma_{X'}$	Σ_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.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] STATION NO. SONDRESTROM GL STATION NAME 75-83 YEARS FEB MONTH

PAGE [redacted] 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
[redacted]/-30	1.8																	[redacted]	11	7	10
[redacted]/-31	2.6																	10	11	10	10
[redacted]/-33	7.1																	6	10	8	10
34/-35	2.1																	8	10	8	7
[redacted]/-37	1.0																	4	6	4	14
[redacted]/-39	0.3																	1	0	1	5
[redacted]/-41																					2
[redacted]/-43																					1
TOTAL	[redacted].8	19.5	7.7	2.1															629		390
																		390		390	

Element (E)	Σ_E'	Σ_E	$\bar{E}$	σ_E	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel Hum	2472793	30865	78.1	15.8	395							
Dry Bulb	2112E3	-2157	-3.3	17.6	629	50.7	83.1					88
Wet Bulb	123037	-1267	-3.2	17.9	395	5.0	83.6					88
Dew Point	135018	-3288	-8.3	16.6	395	84.3	88.1					88

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[2]271 SONDRESTROM GL 75-83 FEB
STATION STATION NAME YEARS MONTH

PAGE 1 0600-0900
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	+ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible]			.7															1	1		
34/ 37			.7															1	1		
[illegible]			.6															2	1	1	
32/ 33			.3	.3														2	1	1	
[illegible]			.5	1.[illegible]														6	8	2	
[illegible]			.3	.3														5	9	4	1
27/ 37		.8	2.3															15	16	8	
[illegible]		.3	.8															4	5	17	1
34/ 23		1.5	.5															3	10	4	2
27/ 31	.5	.5	.3															5	6	11	4
[illegible]		.3	.5															3	5	4	6
[illegible]	1.[illegible]	2.3	1.3															18	21	8	15
[illegible]	.3	1.8																8	12	19	12
[illegible]	1.8	.8																10	18	11	9
17/ 11	1.5	.8																9	10	11	19
[illegible]	1.[illegible]	1.3																10	16	6	11
[illegible]	1.[illegible]	1.3																9	15	9	10
[illegible]	2.[illegible]	1.5																17	33	17	15
[illegible]	2.[illegible]	1.3																13	27	13	9
[illegible]	1.1	.3																13	22	17	14
7/ -1	5.8	.5																25	45	26	16
[illegible]	3.6	.3																15	22	15	14
[illegible]	4.6	.8																21	43	18	28
[illegible]	2.8																	15	21	18	7
[illegible]	[illegible]																	14	18	14	22
/-11	3.6																	14	24	19	8
[illegible] /-13	1.[illegible]																	7	13	7	15
[illegible]/-15	2.8																	11	21	11	9
[illegible]/-17	1.3																	5	13	5	10
[illegible]/-19	4.3																	17	36	17	19
/-21	3.6																	14	27	14	11
[illegible]/-23	2.3																	9	21	9	16
[illegible]/-25	3.6																	14	21	14	13
[illegible]/-27	2.8																	11	18	11	15

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

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

...L CLIMATOLOGY BRANCH
...AFETAC
...WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION ... STATION NAME ... YEARS ... MONTH

PAGE ... 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
-/-	1.																																				
/-11	4..																																-1.	4..	11.	6
/-15	1..																																				1
11/-35	4..																																2.	9.	7.	9
/-31	2..																																				2
/-9	.																																..	5.	2.	3
/-41																																					1
/-43																																					1
TTL	77.11%.	3.4	1..																															7..		7..
																																	3.1		3.1	

Element (X)	$\Sigma_{X'}$	Σ_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.	2477039	3.5.11	78.1115.442		3.1							
Dry Bulb	210422	-2938	-3.817.724		4.1	31.4	82.4					84
Wet Bulb	127752	-1446	-3.717.116		3.1	2.4	62.4					84
Dew Point	1426.4	-3448	-2.916.473		3.1	57.4	69.4					84

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

PSYCHROMETRIC SUMMARY

STATION NAME | YEARS | MONTH

PAGE | HOURS (L. S. T.)

WET BULB TEMPERATURE DEPRESSION (F)																									TOTAL	TOTAL		
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
/			•																								1	2		
/			•																								1	2		
/			•	•																							3	5	1	
/			•	•																							5	7	1	
/			•	•																							8	14	2	
/			•	•	•																						15	16	6	1
/			•	•	•																						7	10	21	1
/		•	•	•	•																						6	9	6	1
/		•	•	•	•																						5	6	6	6
/		•	•	•	•																						12	12	13	8
/		•	•	•	•																						11	14	4	17
/		•	•	•	•																						11	12	18	11
/		•	•	•																							10	14	11	10
/		•	•																								6	11	9	9
/		•	•	•																							18	29	14	21
/		•	•	•																							7	13	6	15
/		•	•	•																							17	31	19	9
/		•	•	•																							13	27	9	14
/		•	•	•																							10	20	14	13
/		•	•	•																							25	43	27	17
/		•	•	•																							15	23	16	13
/		•	•	•																							25	41	24	15
/		•	•	•																							19	25	21	23
/		•	•	•																							19	33	19	21
/		•	•																								8	11	8	16
/		•	•	•																							14	19	14	15
/		•	•	•																							16	23	16	13
/		•	•	•																							8	11	8	19
/		•	•	•																							29	36	29	18
/		•	•	•																							12	14	12	21
/		•	•	•																							18	24	18	21
/		•	•	•																							13	16	13	9
/		•	•	•																							14	17	14	17
/		•	•	•																							9	11	9	17

Element (X)	$\Sigma_{X'}$	Σ_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.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4271 (STATION) GONDRESTROM GL (STATION NAME) 75-83 (YEARS) FEB (MONTH)

PAGE [illegible] 2000-1100 (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
/-71	1.9																	8	9	8	1
32/-33	.7																	3	6	3	15
34/-35	1.8																	8	9	8	6
36/-37	.9																	4	7	4	8
38/-39	.5																	2	4	2	5
/-41																					2
42/-43																					1
TOTAL	73.8	16.1	7.2	.9														435	637	435	435

Element (X)	Σ_R'	Σ_R	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	2831975	38883	79.3	15.62	435							
Dry Bulb	196177	-1842	-2.9	17.322	637	5.5	82.8					88
Wet Bulb	134757	-1737	-4.0	17.162	435	52.5	83.8					88
Dew Point	149708	-3822	-8.8	16.358	435	57.7	88.3					88

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] SONDRESTROM GL 75-83 FEB
STATION STATION NAME YEARS MONTH

PAGE 1 12[illegible]-14[illegible]
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 B.	[illegible] Wet B.	lb. Dew Point
[illegible] / 30			.2															1			
[illegible] / 37			.2															1			
[illegible] / 35				.2														1	1	1	
[illegible] / 33			.9															4	4	1	
[illegible] / 31			1.1															5	1[illegible]		
[illegible] / 29			.5	.5														4		6	1
[illegible] / 27	.2	1.1	3.2	.5														22	24	5	2
[illegible] / 25		.5	1.1															7	7	17	
[illegible] / 23	1.1	1.1	.5															12	14	16	2
[illegible] / 21	.5	.2	.2															4	7	11	11
[illegible] / 19		.8	.2															9	11	3	4
[illegible] / 17		.1																5	5	17	15
[illegible] / 15	.7	1.4																9	14	13	9
[illegible] / 13	.5	3.																15	17	14	14
[illegible] / 11	1.1	1.6																13	14	14	17
[illegible] / 9	.3	1.4																16	26	16	28
[illegible] / 7	.9	.5																6	16	8	10
[illegible] / 5	3.2	2.5																25	41	19	13
[illegible] / 3	3.[illegible]	.6																13	26	17	19
[illegible] / 1	3.2	.9																18	32	17	14
[illegible] / -1	4.[illegible]	.5																23	41	27	15
[illegible] / -3	3.6	.2																17	23	17	18
[illegible] / -5	4.1	.7																30	38	31	18
[illegible] / -7	5.[illegible]																	22	31	22	24
[illegible] / -9	2.[illegible]																	11	19	11	20
[illegible] / -11	3.2																	14	18	14	17
[illegible] / -13	3.6																	16	22	16	16
[illegible] / -15	3.6																	16	25	16	18
[illegible] / -17	1.8																	8	17	8	12
[illegible] / -19	7.3																	32	36	32	27
[illegible] / -21	3.6																	16	29	16	17
[illegible] / -23	1.6																	7	14	7	28
[illegible] / -25	1.6																	7	12	7	7
[illegible] / -27	2.5																	11	19	11	13

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 74 64 REVISES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

211 — STATION — SONDRESTROM GL — STATION NAME — 75-82 — YEARS — FEB — MONTH

PAGE — 12.0-18.0 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
/-29	1.																	9	11	6	6
/-31	.7																	3	4	3	13
/-33	.5																	2	5	2	12
3?/-35	.7																	1	4	3	8
/-37	1.																	5	5	5	4
/-39																			1		5
TOTAL	71.9	13.3	9.7	5.1														443	32	443	44

Element (X)	$\Sigma_{X'}$	Σ_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.	2791415	34441	78.3	14.753	44							
Dry Bulb	175159	-697	-1.2	16.227	637	46.5	62.5					88
Wet Bulb	116557	-809	-1.2	16.211	44	48.7	83.6					88
Dew Point	127231	-3637	-6.9	15.613	44	55.6	84.3					88

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME SONDRESTROM GL YEARS 75-87 MONTH 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
-/ [illegible]			•	•														2	2		
[illegible]				•														2	2		
-/ [illegible]		•																2	4	1	
[illegible]		•	•	•														4	5	4	
-/ [illegible]			•	•														4	2	1	
/			•															5	5	3	4
[illegible]		1.4	1.4	•														15	16	3	
/ [illegible]		1.1	2.[illegible]															14	15	10	
[illegible]		.5	•															5	8	12	2
-/ [illegible]	•	•	•															9	9	15	7
/ [illegible]	•	1.4	•															9	13	9	6
/ [illegible]		2.3																10	10	14	11
[illegible]	.5	[illegible]	•															12	21	11	11
-/ 13	.7	1.4																9	15	13	15
[illegible]	1.4	1.4																12	17	12	19
/ [illegible]	1.6	2.5																16	24	13	21
/ [illegible]	1.5	1.4																13	19	17	8
-/ [illegible]	2.5	2.5																22	44	16	14
-/ [illegible]	1.6	1.8																14	24	16	18
/ [illegible]	2.7	.7																15	27	21	12
/ -[illegible]	6.5	.5																22	51	34	21
- / -[illegible]	1.[illegible]																	8	17	8	18
-/ -[illegible]	4.1	.7																21	31	19	24
-/ -7	4.5																	20	29	22	17
-/ -9	4.[illegible]																	21	29	21	25
/-11	2.[illegible]																	11	20	11	11
1 /-13	2.7																	12	17	12	12
-/-15	3.8																	17	28	17	13
-/-17	3.4																	15	19	15	18
/-19	[illegible].6																	29	33	29	35
/- 1	2.5																	11	12	11	15
2/-23	2.[illegible]																	9	17	9	19
[illegible]/-25	2.[illegible]																	9	9	9	13
[illegible]/-27	2.5																	11	18	11	12

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26 5 (OL A) 84-44 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] SONDRESTROM GL 75-83 FEB
STATION STATION NAME YEARS MONTH

PAGE [illegible] 15:0-17:C
HOURS (L, S, Y)

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
[illegible]/-29	1.4																	6	9	6	11
[illegible]/-31	2.[illegible]																	9	16	9	7
[illegible]/-33	.7																	3	5	3	12
[illegible]/-35	.5																	4	2	2	5
[illegible]/-37	.5																	2	2	2	8
[illegible]/-39																					1
TOTAL	6[illegible].2	22.9	6.8	1.1														641			642
																		642		642	

Element (X)	$\Sigma_{X'}$	Σ_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.	2[illegible]2731	38715	78.5	18.618	642							
Dry Bulb	173715	-799	-1.2	16.928	691	46.7	82.8					88
Wet Bulb	115257	-857	-1.9	15.191	892	47.9	83.7					88
Dew Point	12731[illegible]	-3053	-6.9	15.526	892	56.3	88.7					88

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

(271) SONDRESTROM GL 75-87 FEB
STATION STATION NAME YEARS MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
3[illegible]/ 37		.3		.3														4	6		
[illegible]/ 35			.3	.5														3	5	1	
34/ 33			.5	.5														4	7		
[illegible]/ 31			.3	.5														3	10	5	1
[illegible]			[illegible]	[illegible]														6	9	3	
[illegible]/ 27			1.0															4	6	5	
[illegible]/ 25		.3	.5															3	5	8	
[illegible]/ 23			.5															2	3	3	5
22/ 21		.6	.8															6	6	2	3
[illegible]/ 1[illegible]	1.[illegible]	2.3	.3															16	17	11	1
[illegible]/ 17	.3	[illegible].3	.3															10	11	16	15
[illegible]/ 15	1.[illegible]	2.8																15	19	18	7
[illegible]/ 13	.8	2.3																12	16	12	9
[illegible]/ 11	2.5	1.3																15	17	17	15
[illegible]/ 9	1.3	2.[illegible]																14	26	9	25
[illegible]/ 7	1.3	1.3																10	16	12	9
[illegible]/ [illegible]	2.8	4.5																29	42	18	17
[illegible]/ 3	3.[illegible]	1.3																16	27	28	10
[illegible]/ [illegible]	2.[illegible]	.3																9	18	12	16
[illegible]/ -1	3.5																	22	41	23	28
[illegible]/ -3	4.[illegible]																	16	25	16	21
[illegible]/ -5	2.[illegible]	.5																14	31	12	19
[illegible]/ -7	2.3																	15	17	17	13
[illegible]/ -9	1.8																	7	19	7	10
[illegible]/-11	4.7																	16	29	16	8
[illegible]/-13	3.3																	14	29	14	19
[illegible]/-15	2.5																	10	16	10	12
[illegible]/-17	4.3																	17	23	17	18
[illegible]/-19	5.3																	21	36	21	25
[illegible]/-21	3.3																	13	19	13	8
22/-23	2.3																	9	15	9	14
24/-25	1.5																	6	9	6	13
[illegible]/-27	2.5																	10	11	10	11
[illegible]/-29	1.5																	6	13	6	5

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Ref. Num.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | SONDRESTROM GL STATION NAME | 75-83 YEARS | FEB MONTH

PAGE 2 | 18-0-2000 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
/-31	2.																	8	12	8	12
/-33	1.9.																	7	11	7	8
/-35	.3																	1	4	1	10
/-37	1.3.																	5	5	5	6
/-39																					5
TOTAL	72.6	21.4.	5.3.	2.8.															626		398
																		398		398	

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.	2536060	31292	78.6	13.816	398							
Dry Bulb	182661	-1399	-2.2	16.949	626	48.3	81.6					88
Wet Bulb	108379	-915	-2.3	16.361	398	86.3	83.8					88
Dew Point	117725	-2849	-7.2	15.658	398	55.9	88.1					88

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[2310] STATION | SONDRESTROM GL STATION NAME | 75-83 YEARS | FEB 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 Obs. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]					•													1	1		
34/ 33				•														2	2		
32/ 30			•	•														4	4		
30/ 28			•	•														5	5	1	
28/ 26		•	1.5	1.3														12	12	5	
26/ 24			•															2	2	5	1
24/ 22		1.8	1.7	•														12	14	11	1
22/ 20		•	•	•														4	8	11	1
20/ 18		•	•															4	5	6	4
18/ 16		•	•															2	2	5	4
16/ 14		•	•	•														4	5	2	2
14/ 12	•	1.3	•															9	9	7	12
12/ 10	1.6	2.2																14	18	16	9
10/ 8	1.6	3.1																18	24	14	13
8/ 6	1.8	1.6																13	18	17	15
6/ 4	1.6	1.6																12	26	12	13
4/ 2	1.8	2.1																14	21	15	12
2/ 0	1.5	3.1																17	34	12	13
0/ -2	•	•																7	19	12	15
-2/ -4	3.6	•																17	28	19	11
-4/ -6	3.9	•																16	44	14	35
-6/ -8	4.2	•																17	29	17	14
-8/ -10	3.6	•																15	26	15	15
-10/ -12	3.6																	14	23	14	7
-12/ -14	3.5																	14	23	14	18
-14/ -16	2.1																	8	15	8	14
-16/ -18	3.9																	15	27	15	23
-18/ -20	2.9																	11	21	11	11
-20/ -22	2.6																	10	22	11	8
-22/ -24	3.9																	15	29	15	11
-24/ -26	3.5																	14	22	14	9
-26/ -28	2.6																	10	18	11	22
-28/ -30	2.5																	9	11	9	13
-30/ -32	2.6																	10	12	10	11

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | SONDRESTROM GL STATION NAME | 75-87 YEARS | FEB MONTH

PAGE [illegible] 21GC-23.0 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
[illegible]/-29	1.3																	7	11	7	7
[illegible]/-31	3.6																	14	21	14	8
[illegible]/-33	1.																	4	17	4	11
34/-35	1.																	4	4	4	11
[illegible]/-37	1.																	4	6	4	11
[illegible]/-39																					4
TOTAL	63.9	21.1	6.3	3.6	.3													384	435	384	384

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.	2436295	3,481	78.2	18.979	384							
Dry Bulb	192849	-1617	-2.5	17.254	635	48.8	82.4					84
Wet Bulb	118362	-870	-2.3	17.433	384	46.6	83.6					84
Dew Point	129993	-2767	-7.2	16.562	384	56.2	88.2					84

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

-271 STATION | SONDRESTROM GL STATION NAME | 75-87 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
[illegible]	41																		1		
[illegible]	39			.3	.1													9	11		
[illegible]	37		.2	.1	.2													11	19	1	
[illegible]	35		.1	.2	.2													14	23	5	
[illegible]	33		.2	.4	.4													28	36	12	1
[illegible]	31		.1	.3	.6													52	94	15	2
[illegible]	29		.2	.8	.2													35	60	26	7
[illegible]	27	.1	1.2	1.7	.1													101	118	58	6
[illegible]	25		.5	1.[illegible]	.1													52	66	1[illegible]	6
[illegible]	23	.2	.8	.6														51	69	58	16
[illegible]	21	.3	.5	.3														37	45	71	49
[illegible]	19	.4	1.2	.5														70	81	47	52
[illegible]	17	.5	1.7	.4														85	95	84	107
[illegible]	15	.8	1.8	.2														91	126	12[illegible]	87
[illegible]	13	.8	1.1															99	139	102	92
[illegible]	11	1.4	1.1	.														81	108	98	97
[illegible]	9	1.8	1.9															119	195	89	144
[illegible]	7	1.5	1.2	.														89	140	107	77
[illegible]	5	2.4	2.2															151	277	125	119
[illegible]	3	2.	1.3															107	201	122	110
[illegible]	1	2.7	1.1															122	224	128	111
[illegible]	-1	1.5	.8															193	355	229	177
[illegible]	-3	1.1	.2															109	179	111	125
[illegible]	-5	4.4	.5															160	271	151	147
[illegible]	-7	1.3																136	191	145	121
[illegible]	-9	1.3																109	172	1[illegible]	137
[illegible]	-11	2.0																94	162	94	99
[illegible]	-13	3.																97	165	97	122
[illegible]	-15	2.9																94	162	94	1[illegible]7
[illegible]	-17	2.6																86	135	86	112
[illegible]	-19	1.4																177	272	177	166
[illegible]	-21	3.3																10[illegible]	155	10[illegible]	115
[illegible]	-23	2.9																93	151	93	142
[illegible]	-25	2.3																75	10[illegible]	75	96

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[4271] STATION SONDRESTROM GL STATION NAME 75-83 YEARS FEB MONTH

  ALL HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]/-27	2.6																	85	117	85	1.7
[illegible]/-29	1.7																	57	83	57	80
[illegible]/-31	2.1																	69	97	69	68
[illegible]/-33	1.3																	43	69	43	87
34/-35	1.2																	39	57	39	68
[illegible]/-37	1.2																	38	54	38	7-
[illegible]/-39	.2																	5	15	5	35
[illegible]/-41	.1																	1	1	1	11
[illegible]/-43																					5
TOTL	.7	2.9	19.7	7.4	1.9	.													57.4		3271
																		3271		3271	

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.	208 32263	256463	78.4	18.982	3271							
Dry Bulb	15 30643	-13045	-2.6	17.179	5774	392.3	660.1					672
Wet Bulb	964173	-9121	-2.8	16.943	3271	390.3	668.3					672
Dew Point	1057101	-25821	-7.8	16.215	3271	451.8	671.8					672

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

231 — STATION
SONDRESTROM CL — STATION NAME
'55-87 — YEARS
MAR — MONTH

PAGE 2000-0200 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
56/ 47					•7													1		
46/ 45				•3	•5													3	5		
36/ 35																				1	
26/ 25				•7														1	3	3	
16/ 15				•7		•7												2	2		
6/ 5				•7	•7													2	2	1	1
-4/ -5				•8	•7													4	6	2	
-14/ -15			•7	1.3	•3													7	7		
-24/ -25			•7	1.3	•3													7	7	7	1
-34/ -35		•3	•8	1.0														10	11	10	9
-44/ -45			•8	•8														6	8	9	2
-54/ -55	•5	•5	1.0															8	12	8	6
-64/ -65	•5	•3	•5															7	9	7	5
-74/ -75	1.0	1.3	•5															13	18	13	13
-84/ -85	•8	1.0																7	15	12	2
-94/ -95	•8	1.3																8	15	12	12
-104/ -105	1.0	1.3																9	21	9	14
-114/ -115	1.0	•8																10	21	10	10
-124/ -125	1.3	1.8																12	27	6	18
-134/ -135	1.3	•8																8	14	11	13
-144/ -145	4.4	1.1																23	38	22	6
-154/ -155	2.8	1.5																17	30	15	15
-164/ -165	4.3	•5																19	27	24	12
-174/ -175	6.5																	26	56	27	34
-184/ -185	3.8	•3																16	28	16	19
-194/ -195	3.5																	14	31	14	18
-204/ -205	3.5																	14	24	14	19
-214/ -215	4.5																	18	38	18	15
-224/-225	4.3																	16	27	16	16
-234/-235	4.8																	19	38	19	15
-244/-245	3.8																	15	28	15	17
-254/-255	3.5																	14	21	14	14
-264/-265	5.8																	23	34	21	25
-274/-275	3.5																	14	21	14	17

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) 84 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] SONDRESTROM GL 75-82 MAR
STATION STATION NAME YEARS MONTH

PAGE [redacted] 0000-0201
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
[redacted]/-23	1.3																	7	13	7	16
[redacted]/-25	.8																	5	13	5	8
[redacted]/-27	1.																	4	5	4	7
[redacted]/-29	.5																	2	3	2	5
[redacted]/-31	1.5																	6	6	6	3
[redacted]/-33	.5																	2	2	2	4
34/-35	.3																	1	1	1	4
36/-37																					1
TOTAL	79.4	14.6	7.4	1.3	1.													398	674	398	398

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.	2692851	324.5	81.6	11.711	398							
Dry Bulb	166793	-245	-.6	15.738	674	53.1	90.8					93
Wet Bulb	100372	-30	-.1	15.500	398	50.2	91.4					93
Dew Point	97517	-1653	-8.2	15.111	398	60.5	92.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

USAFETAC — SONDRESTROM GL — 75-83 — MAR
STATION — STATION NAME — YEARS — MONTH

PAGE : 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
/ 45				•														1	7		
/44/ 41			•															1	2		
/-- /--			•															1	1	2	
3 / 33				•														1	1		
/-- /35			•2	•2														5	5	2	1
1-/ 32			1.2	•2														9	10		
--/ 31			•2	•2														4	4	4	
/ 30		•7	1.2	•2														8	9	12	1
--/ 29		•7	•2															6	6	7	8
/ 28	•5	1.2	•5															11	12	8	3
--/ 27		•2	•5															11	13	11	9
-/ 26	•5	•2	•5															5	8	11	14
--/ 25	•5	•5																4	5	6	10
/ 24	1.7	•7	•5															12	22	13	7
--/ 23	•7	1.2																8	13	9	10
/ 22	2.2	1.																13	21	15	12
--/ 21	2.7	•5																9	14	8	15
/ 20	1.7	1.5																13	23	11	17
--/ 19	1.7	•5																9	13	11	7
/ 18	4.5	•5																20	28	21	11
--/ 17	2.7	•2																12	25	13	8
/ 16	5.7	•5																25	34	24	21
--/ 15	•5																	32	41	34	35
- / -13	4.7	•5																21	33	21	11
-4/ -11	•5																	12	29	12	25
- / -10	4.7																	19	35	19	16
--/ -9	•2																	13	27	13	16
/-11	3.0																	14	29	14	14
1./-13	4.7																	19	28	19	13
1-/-15	4.5																	18	31	18	15
1-/-17	3.0																	12	21	12	18
--/-19	4.7																	19	35	19	26
/-21	4.5																	18	29	18	15
2/-23	2.5																	10	13	11	19

Element (X)	$\Sigma_{X'}$	Σ_{X}	$\bar{X}$	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.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | SONDRESTROM GL STATION NAME | 75-83 YEARS | MAR MONTH

PAGE [illegible] 0300-0500 HOURS (L, S, Y)

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
[illegible]/-25	.7																	3	13	3	1
26/-27	.7																	3	5	3	3
[illegible]/-29	.5																	2	8	2	6
[illegible]/-31	1.2																	5	6	5	1
[illegible]/-33	.7																	3	8	3	5
34/-35	.5																	2	7	2	5
[illegible]/-37	.2																	1	5	1	4
[illegible]/-39																			1		1
TOTAL	77.6	13.2	7.[illegible]	2.[illegible]	.2														561		4.2
																		402		402	

Element (X)	$\Sigma_{X'}$	Σ_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.	2762127	33.37	82.2[illegible]	0.837	402							
Dry Bulb	169909	-813	-1.2[illegible]	6.10	560	58.1	90.3					93
Wet Bulb	103530	-118	-.3[illegible]	6.65	402	50.4	92.3					93
Dew Point	102399	-1682	-4.2[illegible]	5.920	402	59.7	92.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION: [illegible] STATION NAME: SONDRESTROM GL YEARS: 75-97 MONTH: MAR

PAGE [illegible] HOURS (L.S.T.): 0600-0800

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
[illegible]																					
[illegible]																					
[illegible]																					

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION CONGRESTROM GL STATION NAME 75-82 YEARS MAY MONTH

PAGE [illegible] 0600-18 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
/-1	5	1	41	21	31
/-[illegible]	7	12	24	12	15
/-[illegible]	8	14	16	14	14
/-[illegible]	12	5	10	5	1
/-[illegible]	4	6	14	6	6
/-[illegible]	4	3	6	3	2
/-[illegible]	6	5	6	5	8
/-[illegible]	3	2	2	2	2
/-[illegible]	3	2	2	2	4
/-37	4	2	2	2	6
/-[illegible]					1
TAL	74 51 21 5 4 9 1		671		34
		404		404	

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.	275538	13.24	81.7	11.779	404							
Dry Bulb	188747	-1.25	-1.5	16.715	671	56.3	89.8					93
Wet Bulb	114918	-322	-.9	16.967	404	58.3	91.4					93
Dew Point	109817	-1315	-3.7	15.911	404	60.5	92.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] SONDRESTROM GL — 75-87 — MAR
STATION — STATION NAME — YEARS — 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
/ 5																			1		
/ 4																					
/ 47																		4	4		
/ 4																			2		
47/ 43																		2	2	2	
/ 4																		1	1	5	
/ 3																		2	2	4	
/ 33																		1	1		
/ 35																		3	4	1	1
36/ 37			.4	.4	.6													7	7	5	5
37/ 31				1.0	.7													8	8	5	1
/ 3				.6														2	3	6	
/ 27	.4	1.0		.4														8	10	13	4
/ 2		1.4		.6														10	11	3	2
2/ 23	.6	1.8		.8														16	19	13	13
2/ 21	.2	1.6	1.0															14	16	11	12
2/ 19	.3	.4																6	7	16	14
/ 17	.6	1.6		.2														12	14	14	12
17/ 15	1.2	.8		.2														11	19	13	11
/ 13	1.0	1.4																14	20	14	12
13/ 11	1.6	1.8																17	24	11	12
/ 9	2.2	3.8																30	39	24	21
/ 9	1.4	1.6																15	26	13	19
/ 7	2.4	.6																15	24	21	21
/ 5	3.3	.2																12	28	13	22
/ 4	2.7	.7																14	27	14	11
/ -	.4	.2																12	45	32	30
-1/ -3	1.3																	16	31	17	18
-4/ -5	4.0																	24	34	24	20
-6/ -7	4.5																	22	31	22	20
-8/ -9	4.1																	20	28	20	21
-10/-11	2.7																	13	21	13	22
-12/-13	5.1																	25	31	25	19
-14/-15	4.5																	22	31	22	20

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
[illegible] WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION SONDRESTROM GL STATION NAME 75-83 YEARS MAR MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]/-17	7.3																	16	27	16	21
[illegible]/-19	5.1																	25	38	25	31
[illegible]/-21	1.6																	8	14	8	17
[illegible]/-23	2.5																	12	21	12	15
[illegible]/-25	1.8																	9	11	9	11
[illegible]/-27	.6																	3	6	3	7
[illegible]/-29	1.6																	8	8	8	7
[illegible]/-31	.8																	4	4	4	4
[illegible]/-33	.2																	1	1	1	6
[illegible]/-35																					5
[illegible]/-37																					1
TOTAL	71.2	19.1	6.1	2.7	.8	.2													685		687
																		487		487	

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	322A858	39252	8[illegible].6	11.400	887							
Dry Bulb	187796	353	-.5	16.562	685	51.3	89.3					93
Wet Bulb	1291.09	365	.8	16.287	887	89.8	92.5					93
Dew Point	1216.9	-1685	-3.5	15.835	887	56.7	91.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | SONDRESTROM GL STATION NAME | 75-83 YEARS | MAR MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible]																			1		
[illegible]					•5													3	4		
[illegible]				•5														1	1		
[illegible]				•6		•2												4	4		
[illegible]				•5														1	1	2	
[illegible]			•2	•2	•6													5	7	2	
[illegible]			•2	•6														4	4	3	
[illegible]			•6	•4														5	6	2	
[illegible]				•6														4	5	3	
34/ 33		•2	•6	•8														8	8	10	4
[illegible]		•2	1.4	•2														9	10	5	3
[illegible]		•8																4	5	9	4
[illegible]		2.0	•6															18	19	14	3
[illegible]	•2	1.8	•8															14	18	16	5
[illegible]		1.4	1.8															16	20	11	12
21/ 21	•6	1.9	•2															14	16	14	20
[illegible]	•6	1.2	•2															10	12	21	19
[illegible]		1.6	•4															10	10	8	9
[illegible]	•8	2.7																18	20	21	10
[illegible]	1.0	2.9																20	24	22	16
[illegible]	1.4	2.5																20	24	19	14
[illegible]	[illegible]	3.3																29	44	24	29
[illegible]	[illegible]	1.4																12	15	16	26
[illegible]	[illegible]	1.6																24	4	27	20
[illegible]	[illegible]	•4																13	22	15	15
21/ 1	[illegible]																	20	27	22	24
[illegible]	•2																	43	60	42	38
-1/ -3	4.7																	24	32	25	19
-4/ -5	5.8																	31	41	30	27
-6/ -7	3.5																	18	24	18	25
-8/ -9	2.3																	12	21	12	28
-10/-11	5.5																	28	31	28	19
-12/-13	2.7																	14	23	14	23
-14/-15	2.5																	13	21	13	19

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4211 STATION | SONDRESTROM GL STATION NAME | 75-83 YEARS | MAR MONTH

PAGE 2 | 1200-1800 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
-/-17	2.																	13	15	13	2
3/-19	2.5																	13	18	13	22
/-21	1.5																	8	13	8	10
2/-23	.5																	4	6	4	9
24/-25	.4																	3	3	3	6
26/-27	.4																	2	2	2	5
28/-29	.4																	2	2	2	3
30/-31																					4
32/-33																					1
34/-37																					1
TOTAL	51.0	26.9	6.9	3.9	1.2	.7													691		513
																		513		513	

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.	3.68793	39238	76.5	11.581	513							
Dry Bulb	190568	3333	4.8	15.208	691	83.3	87.5					93
Wet Bulb	130931	2563	5.0	15.157	517	81.2	8[illegible]					93
Dew Point	105248	-116	-.2	18.335	513	50.8	92.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4271 STATION | SONDRESTROM GL STATION NAME | 75-83 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
[illegible]					•													1	1		
[illegible]				•	•													2	2		
[illegible]				•														2	2		
[illegible]			•															1	1	1	
[illegible]		•		•	•													6	8	2	
[illegible]			•	•	•													6	8	4	
[illegible]			•	•														5	5		1
[illegible]				•														4	4	1	
[illegible]		•	•	•														6	6	8	5
[illegible]		•	•	•														8	13	10	1
[illegible]		•	1.3															10	11	14	1
[illegible]		•	1.3															24	26	9	7
[illegible]		•	1.3															7	9	23	6
[illegible]		•	1.2															19	29	7	10
[illegible]	•	1.3	•															9	8	21	23
[illegible]	•	1.2	•															13	13	14	12
[illegible]		1.5	1.3															14	16	11	8
[illegible]	•	3.5																19	23	24	11
[illegible]	•	7.5																16	26	21	20
12/ 11	1.	2.9																20	23	23	12
[illegible]	7.7	3.3																31	41	25	36
[illegible]	•	1.9																12	15	11	20
[illegible]	4.6	2.2																35	43	33	29
[illegible]	[illegible]	1.1																27	41	28	20
[illegible]	[illegible]	•																15	23	18	21
/ -1	3.5																	44	61	46	43
- / -3	[illegible]																	26	35	26	22
-4/ -5	4.8																	25	32	25	26
-6/ -7	4.4																	23	35	23	32
-8/ -9	4.2																	22	33	22	30
[illegible] -11	2.5																	13	19	13	16
-12/-13	3.9																	20	30	20	28
-14/-15	2.1																	11	27	11	24
-16/-17	2.1																	11	15	11	20

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
Ref. Num.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | SONDRESTROM GL STATION NAME | 75-82 YEARS | MAR MONTH

PAGE [illegible] | 15:0-17:0 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
[illegible]/-19	1.7																	9	12	9	18
[illegible]/-21	.4																	2	2	2	9
[illegible]/-23	.7																	4	4	4	5
[illegible]/-25	.2																	1	1	1	1
[illegible]/-27																					6
[illegible]/-29	.2																	1	1	1	3
[illegible]/-31																					1
TOTAL	55.2	9.1	7.5	9.2	1.2													519	689	519	519

Element (X)	$\Sigma_{X'}$	Σ_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.	3063051	39445	76.1	11.215	519							
Dry Bulb	181679	4259	5.9	15.183	689	4.0	88.0					93
Wet Bulb	124390	3086	5.9	18.308	519	38.5	89.5					93
Dew Point	94708	322	.6	13.507	519	89.5	91.5					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

-271 STATION | SONDRESTROM GL STATION NAME | 75-87 YEARS | MAR MONTH

PAGE | 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
69/ 47					.1													1	1		
68/ 46					.2													2	2		
67/ 41				.5	.2													3	4		
66/ 39				.5	.5	.2												5	8	3	
65/ 37					.1	.1												2	2	2	
64/ 36					.5													2	4	3	1
63/ 33				.5	.5													4	4	2	
62/ 31		.2		.5	.2													4	4	4	3
61/ 30				.6	.4													5	5	7	
60/ 29	.5	2.3		.2														13	14	7	2
59/ 25	.2	2.1		.7														15	15	15	2
58/ 23		1.9	1.4															14	23	11	7
57/ 21	.2	1.4	.5															11	11	17	14
56/ 19	.5	1.6	.2															10	11	17	19
55/ 17	.2	.7	.2															5	12	15	9
54/ 15	.2	2.6																13	15	9	4
53/ 13	.5	3.7																15	22	15	6
52/ 11	1.9	1.2																13	16	16	15
51/ 9	3.9	5.1																39	53	31	31
50/ 7	2.8	2.8																24	32	25	20
49/ 5	2.1	1.5																16	31	23	23
48/ 3	3.1	.9																17	29	16	21
47/ 1	4.2																	18	27	22	19
46/ -1	4.9																	21	38	21	25
45/ -3	4.5																	20	38	21	23
44/ -5	5.8																	25	39	25	26
43/ -7	4.4																	19	33	19	14
42/ -9	5.6																	24	43	24	26
41/-11	3.1																	13	24	13	14
40/-13	3.2																	14	25	14	21
39/-15	3.2																	14	27	14	19
38/-17	2.1																	9	17	9	17
37/-19	2.3																	10	16	11	18
36/-21	.9																	4	10	4	10

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 88 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION SONDRESTROM GL STATION NAME 75-82 YEARS MAR MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
27/-23	1.2																	5	5	5	6
24/-25	.7																	3	4	3	7
21/-27	.2																	1	1	1	2
18/-29	.2																	1	1	1	6
15/-31																					1
12/-33																					2
TOTAL	42.6	27.4	6.5	2.3	1.2														667		431
																		431		431	

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.	2620893	33733	78.3	10.118	431							
Dry Bulb	150291	2.41	3.0	18.719	667	45.5	89.5					93
Wet Bulb	94291	1783	4.1	14.217	431	39.5	91.8					93
Dew Point	80632	-286	-.7	13.678	431	50.1	92.8					93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 | [illegible] STATION | SONDRESTROM GL STATION NAME | 75-83 YEARS | MAR 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
[illegible]/47					•													1	1		
[illegible]/45					•													5	5		
[illegible]/43					•													1	1		
[illegible]/41			•															1	1		
[illegible]/39				•														1	3	3	
[illegible]/37		•		•														2	2	2	
[illegible]/35		•	•	•														5	5	2	
34/33		•	•	•														3	3	3	1
[illegible]/31			•	•														10	10	4	2
[illegible]/29		•	1.[illegible]															5	5	4	3
[illegible]/27	•	1.[illegible]	•															7	8	14	1
[illegible]/25	•	1.2	•															9	10	8	5
[illegible]/23	•	1.2	2.[illegible]															16	21	9	12
22/21	•	•	•															5	8	12	8
[illegible]/19	•	•	•															8	12	13	12
[illegible]/17	•	2.6																13	22	6	9
[illegible]/15	•	2.6																12	21	16	6
[illegible]/13	•	1.2																8	11	11	9
[illegible]/11	•	1.2																6	12	5	17
[illegible]/9	2.2	3.4																23	41	24	14
[illegible]/7	2.2	2.6																20	31	23	12
[illegible]/5	2.9	1.9																20	37	21	22
[illegible]/3	3.1	1.4																19	34	17	13
[illegible]/1	3.6																	15	24	20	24
[illegible]/-1	3.2																	10	55	30	30
[illegible]/-3	2.4																	10	21	11	15
[illegible]/-5	2.2																	9	21	9	26
[illegible]/-7	6.5																	27	38	27	11
[illegible]/-9	5.5																	23	47	23	20
[illegible]/-11	5.1																	21	36	21	23
-12/-13	4.6																	19	36	19	21
-14/-15	4.4																	17	29	17	19
-16/-17	3.1																	13	17	13	19
-18/-19	2.2																	9	29	9	17

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

-4271 STATION | SONGRESTROM GL STATION NAME | 75-87 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 O.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-/-21	1.0																	8	10	8	10
-/-23	1.0																	4	11	4	9
-/-25	1.0																	4	5	4	7
-/-27	.5																	2	2	2	6
-/-29	.3																	2	2	2	2
-/-31	.7																	3	3	3	3
-/-33	.5																	2	2	2	5
-/-35																					3
TOTAL	66.9	22.4	8.4	1.2	1.2														685		816
																		816		816	

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.	2709066	33258	79.91	1.67	816							
Dry Bulb	158391	953	1.40	15.153	685	88.6	90.1					93
Wet Bulb	98560	896	2.21	15.259	816	85.4	90.8					93
Dew Point	88833	-931	-2.27	18.858	816	55.1	92.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] SONDRESTROM GL 75-83 MAR
STATION STATION NAME YEARS 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
[redacted]																					
[redacted]					.2	.2												7	9		
[redacted]				.1	.2													12	13		
[redacted]				.2	.2	.2												19	25		
[redacted]			.1	.2	.1	.2												6	7	5	
[redacted]		.1	.1	.1	.2													16	21	13	
[redacted]			.1	.4	.1													21	30	21	
[redacted]		.1	.2	.3	.1													13	22	6	1
[redacted]		.1	.2	.6														26	32	14	5
[redacted]		.2	.4	.6														48	53	31	17
[redacted]		.3	1.1	.4														61	67	39	11
[redacted]		.4	.8	.1														43	48	69	15
[redacted]	.1	1.8	.7															87	106	87	31
[redacted]	.1	1.3	.7															76	99	96	27
[redacted]	.2	1.6	1.2															106	141	83	77
[redacted]	.4	1.1	.5															74	88	95	107
[redacted]	.3	1.1	.3															71	87	100	111
[redacted]	.5	1.3	.4															79	128	88	57
[redacted]	.6	2.1	.1															96	139	115	73
[redacted]	.2	1.9																101	161	112	96
[redacted]	1.0	1.6																109	162	117	130
[redacted]	2.4	3.1																191	284	151	189
[redacted]	1.5	1.7																114	169	122	128
[redacted]	3.4	1.1																161	268	185	147
[redacted]	2.8	.8																128	216	126	128
[redacted]	3.6	.2																138	204	157	139
[redacted]	6.9	.1																245	393	251	261
[redacted]	4.1	.1																152	243	154	139
[redacted]	4.5																	159	277	159	195
[redacted]	4.4																	158	246	158	156
[redacted]	4.1																	145	251	145	174
[redacted]	3.9																	138	221	138	136
[redacted]	3.9																	141	237	141	143
[redacted]	3.6																	128	223	128	148

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] STATION SONDRESTROM GL STATION NAME 75-83 YEARS MAR MONTH

PAGE [redacted] 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
[redacted]-17	3.																1 7	162	1 7	142
[redacted]-19	3.6																129	214	129	189
[redacted]-21	2.1																74	122	74	1 3
[redacted]-23	1.7																60	89	6	93
[redacted]-25	.9																31	67	31	6
[redacted]-27	.6																21	37	21	42
[redacted]-29	.0																1	31	21	4
[redacted]-31	.6																23	25	23	28
[redacted]-33	.3																10	11	10	27
34[redacted]-35	.1																5	5	5	21
[redacted]-37	.1																3	4	3	16
[redacted]-39																				2
TOTAL	67.8	21.4	6.9	2.8	1.	.1											3570	5422	3570	3570

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.	22968612	2833AA	79.4	1.522	3570							
Dry Bulb	1394168	8617	1.6	15.258	5422	391.1	718.6					744
Wet Bulb	895447	8243	2.	15.677	3570	366.2	725.2					744
Dew Point	800780	-7946	-2.	18.512	3570	839.9	739.2					744

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[ ]TI — STATION
SONDRESTROM GL — STATION NAME
75-83 — YEARS
APR — MONTH

PAGE 1

0000-0230 — 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
[illegible] / 4			•															1	1		
[illegible] / 3																		1	1		
[illegible] / 2				•														2	1	1	
[illegible] / 1			•	•														8	15		
[illegible] / 0			•	•														7	9		
[illegible] / -1	•	•	•	•														10	11	9	2
[illegible] / -3	•	1.	•	•														14	17	15	3
[illegible] / -5	•	1.	2.															26	29	23	9
[illegible] / -7	1.	3.	1.															31	35	27	10
[illegible] / -9	2.	4.	2.															47	55	41	42
[illegible] / -11	1.	3.	•															25	30	24	29
[illegible] / -13	•	3.	•															20	21	28	20
[illegible] / -15	1.	4.	•															27	28	21	33
[illegible] / -17	1.	3.	•															25	28	21	26
[illegible] / -19	1.	5.	•															46	45	44	24
[illegible] / -21	1.	3.																20	32	25	16
[illegible] / -23	1.	3.																23	27	26	38
[illegible] / -25	2.	1.																17	29	19	37
[illegible] / -27	1.	4.																28	43	15	39
[illegible] / -29	1.	3.																12	31	23	12
[illegible] / -31	1.	•																15	24	28	18
[illegible] / -33	2.																	12	22	13	26
[illegible] / -35	3.																	18	26	18	17
[illegible] / -37	2.																	13	26	13	32
[illegible] / -39	1.																	6	9	6	10
[illegible] / -41	2.																	10	14	11	18
[illegible] / -43	•																	3	7	3	5
[illegible] / -45	•																	3	6	3	8
[illegible] / -47	•																	3	9	3	2
[illegible] / -49	1.																	5	7	5	4
[illegible] / -51	1.																	6	8	6	4
[illegible] / -53																			8		4
[illegible] / -55	•																	4	11	4	6
[illegible] / -57	•																	1	2	1	1

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION SONDRESTROM GL STATION NAME 75-82 YEARS APR MONTH

PAGE [illegible] 0000-2300 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 2	3 4	5 6	7 8	9 10	11 12	13 14	15 16	17 18	19 20	21 22	23 24	25 26	27 28	29 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-2/-23	.6																	3	3	3	4
-1/-27	.2																	1	1	1	3
-0/-31																					1
TOTAL	.9	.8	.4	.2	.1	.2	.1	.4		.2								493	673	493	493

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.	1173432	39126	79.4	11.78	493							
Dry Bulb	288967	9989	14.8	14.97	673	14.7	82.1					96
Wet Bulb	200753	7757	15.7	12.64	493	1.6	45.4					90
Dew Point	142763	5546	11.2	12.71	493	18.6	89.1					96

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
4TH WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] SONDRESTROM GL 75-83 APR
STATION STATION NAME YEARS MONTH

PAGE 2300-0500
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
[illegible] / 54																			2		
47 / 50																			1		
[illegible] / [illegible]																		1	1		
45 / 48																				1	
44 / 47																			1		
[illegible] / [illegible]				.2	.4													1	5		
[illegible] / [illegible]				1.2	.3													11	12		
[illegible] / 37				.2	.4													5	6	1	1
[illegible] / 35		.6	.8	.5														10	17	4	
[illegible] / 33	.2		2.3	.8														16	22	12	1
[illegible] / 31	.5	.2	1.2															8	13	15	3
[illegible] / [illegible]	1.2	2.5	.3	.2														23	25	26	13
[illegible] / 27	3.1	3.9	.4															41	44	43	31
[illegible] / 25	2.3	3.7	1.1															34	43	23	24
[illegible] / 23	.4	4.1	.4															24	27	21	23
21 / 21	.3	4.5																26	26	29	31
[illegible] / 19	2.1	2.1																20	27	13	16
[illegible] / 17	2.7	3.5																30	35	35	31
[illegible] / 15	1.9	4.3																30	39	28	27
[illegible] / 13	1.9	3.5																26	35	28	33
[illegible] / 11	1.7	2.1																18	31	22	35
[illegible] / [illegible]	.3	2.5																21	33	18	36
[illegible] / [illegible]	.7	3.1																23	31	15	14
[illegible] / [illegible]	3.5	.8																23	31	31	29
[illegible] / [illegible]	2.1																	10	19	14	13
[illegible] / [illegible]	2.1	.3																19	23	19	23
[illegible] / -1	2.1																	15	27	16	29
[illegible] / -3	1.7																	8	11	8	5
[illegible] / -5	1.2																	6	11	6	17
[illegible] / -7	1.9																	9	12	9	9
[illegible] / -9	.5																	3	8	3	8
[illegible] / -11	.9																	6	8	6	7
-1 / -13	.2																	1	4	1	3
[illegible] / -15	.4																	3	6	3	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												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[4271] STATION SONDRESTROM GL STATION NAME 75-87 YEARS APR 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
-2/-23	.6																	3	3	3	4
-6/-27	.2																	1	1	1	3
-8/-31																					1
TOTAL	39.8	.4	11.2	3.8	.2													853	673	493	493

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.	3173832	39126	79.4	11.780	493							
Dry Bulb	288967	9989	14.8	14.470	673	14.7	82.1					90
Wet Bulb	207753	7757	15.7	12.648	493	10.6	85.4					90
Dew Point	142793	5586	11.3	12.711	493	18.6	89.1					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION SONDRESTROM GL STATION NAME 75-83 YEARS APR MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
54/ 55																			1		
52/ 53	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		1		
50/ 51					•													1	1		
48/ 49	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.			1	
46/ 47																			1		
44/ 45	.	.	.	.2	.4	.	.	.	.	.	.	.	.	.	.	.	.	3	5		
42/ 43				1.2	.8	.2												11	12		
40/ 41	.	.	.	.6	.4	.	.	.	.	.	.	.	.	.	.	.	.	5	6	1	1
38/ 39			.6	.8	.6													12	12	8	
36/ 37	.2	.	2.3	.8	.	.	.	.	.	.	.	.	.	.	.	.	.	16	22	12	1
34/ 35	.2	.2	1.2															8	13	15	3
32/ 33	1.2	2.5	.8	.2														23	25	26	13
30/ 31	3.7	3.9	.8															41	44	43	31
28/ 29	2.3	3.7	1.3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	34	43	23	28
26/ 27	.4	4.1	.4															24	27	21	23
24/ 25	.8	4.5	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	26	26	29	31
22/ 23	2.1	2.1																20	20	33	16
20/ 21	2.7	3.5	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	30	35	35	31
18/ 19	1.9	4.3																30	39	28	27
16/ 17	1.9	3.5	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	26	35	26	33
14/ 15	1.7	3.1																18	31	22	35
12/ 13	2.3	2.5	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	23	33	18	36
10/ 11	1.7	3.1																23	30	15	14
8/ 9	3.5	.8	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	21	31	31	29
6/ 7	2.1																	10	19	14	10
4/ 5	2.9	.2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	15	23	14	23
2/ 3	3.1																	15	27	16	29
0/ 1	1.7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	8	11	8	5
-2/ -3	1.2																	6	17	6	17
-4/ -5	1.9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	9	12	9	9
-6/ -7	.4																	3	8	3	8
-8/ -9	.8	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4	8	4	7
-10/-11	.2																	1	4	1	3
-12/-13	.6																	3	8	3	8
-14/-15																					

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 95 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM AS 64 0-26-5 (OL A) USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4271 STATION | SONDRESTROM GL STATION NAME | 75-87 YEARS | APR 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
-17/-19	.6																	4	6	4	2
-15/-19	1.4																	7	17	7	7
-17/-21	.4																	2	8	2	5
-22/-23																			1		1
-24/-25	.4																	2	2	2	2
-26/-27	.2																	1	1	1	1
-28/-29	.2																	1	1	1	1
-30/-31																					2
TOTAL	4.6	41.7	9.5	3.3	.4													494	654	494	484

Element (X)	$\Sigma_{X'}$	Σ_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.	3195616	38926	80.4	11.598	484							
Dry Bulb	271994	9036	13.8	15.011	654	16.5	81.6					90
Wet Bulb	186997	7151	14.8	12.977	484	12.5	85.9					90
Dew Point	133791	5129	10.6	12.825	484	19.2	89.6					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | CONDRESTROM GL STATION NAME | 75-83 YEARS | APR MONTH

PAGE 1 [illegible] 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
56/ 55					≈2													1	3		
48/ 47																				1	
4[illegible]/ 45																			1		
44/ 43				≈2	≈6	≈2												5	7		
42/ 41				≈4	≈2	≈6												6	6		1
4[illegible]/ 39				1≈2	≈6	≈2												9	13	1	
3[illegible]/ 37		≈2	≈6	≈8														8	12	5	
36/ 35		≈4	1≈4	≈8														13	18	9	
34/ 33	≈3	≈6	2≈2	≈4														17	21	19	6
32/ 31	≈4	1≈[illegible]	≈4															9	16	25	8
30/ 29	≈6	3≈2	≈8															23	26	20	10
28/ 27	3≈0	3≈4	1≈2															38	39	32	37
26/ 25	1≈4	3≈4	1≈8															33	36	23	24
24/ 23	≈8	4≈[illegible]	1≈2															28	30	30	29
22/ 21	2≈2	3≈4																27	33	32	20
20/ 19	1≈6	2≈6	≈4															23	28	31	26
18/ 17	1≈[illegible]	3≈8	≈2															26	32	29	24
16/ 15	2≈2	4≈0	≈2															21	31	35	29
14/ 13	2≈[illegible]	2≈8																24	29	28	37
12/ 11	2≈[illegible]	2≈8																24	29	28	25
[illegible]/ 9	1≈8	4≈0																29	39	32	43
8/ 7	1≈2	1≈8																15	22	18	20
[illegible]/ 5	3≈6	≈2																19	33	26	22
4/ 3	2≈2	≈6																14	25	12	28
[illegible]/ 1	2≈4																	12	16	15	17
[illegible]/ -1	2≈4																	12	23	12	27
-[illegible]/ -3	1≈[illegible]																	9	15	9	14
-4/ -5	1≈8																	9	11	9	13
-6/ -7	≈6																	3	8	3	8
-8/ -9	≈6																	3	5	3	10
[illegible]/-11	≈8																	4	9	4	5
-12/-13	1≈[illegible]																	5	7	5	4
-14/-15	≈8																	4	8	4	1
-16/-17	≈8																	2	7	2	4

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION [illegible] STATION NAME [illegible] 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
[illegible]	1 [illegible]	6	1 [illegible]	6	6
[illegible]	[illegible]	2	[illegible]	2	5
[illegible]	[illegible]	2	2	2	1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1
TOTAL	[illegible]	[illegible]	661	[illegible]	5 [illegible]
		[illegible]	[illegible]	5 4	

Element (X)	$\Sigma_{X'}$	Σ_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	3185301	39475	78.8	12.221	501							
Dry Bulb	296151	9791	14.8	15.135	661	15.5	79.5					95
Wet Bulb	206213	7739	15.4	17.165	501	11.5	83.7					90
Dew Point	193723	5969	12.9	12.963	501	18.5	88.7					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION NAME JONPESTROM AL YEARS 75-83 MONTH APR

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

Time / T	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
/[illegible]				•	•2													2	2		
[illegible]/							•2											1	1		
/[illegible]																				1	
[illegible]/ 07			•[illegible]	•2														2	2	1	
[illegible]/ 08			•[illegible]	•[illegible]	•[illegible]	•3												9	12		1
[illegible]/ 09				1•4	•2													9	9	3	
[illegible]/ 10			•[illegible]	1•2	•[illegible]													12	12	1	
[illegible]/ [illegible]		1•2	2•1															19	23	4	2
[illegible]/ [illegible]	•5	•5	2•[illegible]	1•[illegible]														25	25	17	3
[illegible]/ 35		•9	1•6	1•2														21	24	22	2
[illegible]/ 33	•[illegible]	•[illegible]	1•4	1•[illegible]														22	24	31	8
[illegible]/ 3[illegible]		2•6	1•6	•3														20	24	26	10
[illegible]/ [illegible]	•3	1•2	1•4	•5														20	21	20	22
[illegible]/ 2[illegible]	4•2	4•0	2•[illegible]	•2														47	49	31	37
[illegible]/ 25	•7	[illegible]•3	1•[illegible]															33	35	37	27
[illegible]/ 2[illegible]	•5	3•5	2•9															37	38	35	38
[illegible]/ 21	•5	3•8	1•2															32	34	29	25
[illegible]/ 1[illegible]	1•0	2•6	1•2															28	29	42	27
[illegible]/ 27	•5	4•5	•[illegible]															31	35	32	26
[illegible]/ 1[illegible]	•7	3•8	•2															27	30	40	32
[illegible]/ [illegible]	•3	3•6																23	24	36	32
1[illegible]/ 11	1•[illegible]	2•9																23	23	28	30
[illegible]/ [illegible]	•9	3•6																26	32	23	52
[illegible]/ [illegible]	1•2	•5																9	15	12	80
[illegible]/ [illegible]	2•9	•7																21	28	20	25
[illegible]/ 3[illegible]	1•[illegible]	•7																10	15	10	25
[illegible]/ [illegible]	2•8	•3																18	21	20	22
[illegible]/ -[illegible]	2•1																	12	16	18	20
-[illegible]/ -3	•7																	4	7	4	16
-[illegible]/ -5	•5																	3	8	3	16
-[illegible]/ -7	•9																	5	7	5	3
-[illegible]/ -9	•2																	1	6	1	8
[illegible]/-11	1•0																	6	12	6	2
-[illegible]/-13	•5																	3	3	3	5

Element (X)	$\Sigma X'$	ΣX^2	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
A.F. WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4271 STATION | SONDRESTROM GL STATION NAME | 75-83 YEARS | APR MONTH

PAGE 2 | 0900-1140 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/-15	.5																	3	4	3	3
-16/-17	1.																	6	6	6	6
-18/-19	.7																	4	4	4	7
-20/-21	.5																	3	3	3	1
-22/-23																					5
-24/-25																					2
-26/-27																					1
TOTAL	25.5	47.6	2.5	10.1	.2	.3	.2											577	667	577	577

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.	313319	41879	72.6	12.793	577							
Dry Bulb	391229	12639	18.9	15.094	667	10.8	71.9					90
Wet Bulb	293167	10615	18.4	13.036	577	8.1	76.0					90
Dew Point	183315	7209	12.5	12.703	577	14.2	87.5					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

042310 STATION | SONDRESTROM GL STATION NAME | 75-87 YEARS | APR MONTH

PAGE 1 ~~1250-1470~~ 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
56/ 55					.1													1	1		
54/ 53					.3													2	2		
5 / 49						.2												1	2		
48/ 47				.2	.3	.3												5	7	1	
46/ 45			.1	1.5	1.1	.1												19	20	2	
44/ 43				1.3	.3													13	10		
42/ 41			1.7	1.7														20	20	5	
40/ 39		.2	2.0	2.9														30	30	12	
38/ 37	.1	.2	1.2	1.5														19	23	27	4
36/ 35	.5	1.2	1.3	1.8														27	30	32	8
34/ 33	.1	.3	2.1	2.3	.1													31	31	33	6
32/ 31	.3	.8	1.5	.7	.3													22	25	27	22
30/ 29		2.5	2.1	1.2														34	34	32	24
28/ 27	.2	3.9	3.1	1.2														50	52	34	35
26/ 25	.1	3.0	2.2	.2														33	34	42	23
24/ 23		3.5	1.8															44	46	86	36
22/ 21	.7	2.7	2.2	.2														40	43	47	29
20/ 19	.2	3.9	.3															26	26	35	41
18/ 17	.1	2.5	.3															18	19	39	37
16/ 15		4.2	.2															26	28	28	28
14/ 13		2.9																17	19	28	29
12/ 11	1.1	2.7																22	27	19	38
/ -	.1	3.7																23	27	24	64
8/ 7	.3	2.2																15	17	13	31
6/ 5	1.1	1.1																14	24	18	37
4/ 3	.5	.8																8	10	8	13
2/ 1	.8	.2																6	13	10	19
0/ -1	1.2																	7	11	8	26
-2/ -3	.7																	4	6	4	9
-4/ -5	1.0																	6	15	6	5
-6/ -7	1.0																	6	9	6	8
-8/ -9	.7																	8	8	8	8
-10/-11	.3																	2	2	2	6
-12/-13	.5																	3	3	3	5

Element (X)	$\Sigma X'$	ΣX^2	$\bar{X}$	σ_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 AS-64 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4271 SONDRESTROM GL 75-83 APR
STATION STATION NAME YEARS 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																					4
14/-17	.2																	1	1	1	2
12/-19																					1
10/-21																					1
8/-23																					1
TOTAL	12.	44.	8	22.	5	16.	6	2.	9	.7	.2							596	671	596	596

Element (X)	$\Sigma_{X'}$	Σ_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.	2824064	41296	67.6	12.047	596							
Dry Bulb	472235	15141	22.6	13.063	671	6.8	66.9					90
Wet Bulb	349151	12639	21.2	11.677	596	5.1	73.1					90
Dew Point	197734	8432	14.1	13.982	596	10.9	87.3					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04270	SONDRESTROM GL	75-83	APR
STATION	STATION NAME	YEARS	MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31							
56/ 55						•2															1	1		
54/ 53				•2																	1	2		
52/ 51					•2		•2														2	3		
50/ 49						•2	•2														2	2		
48/ 47				•2	•2	•2															3	4	1	
46/ 45			•3	1•5	1•2	•2															16	18	2	
44/ 43				1•2	•9																15	16	1	
42/ 41			•7	1•7	•2	•2															16	16	4	1
40/ 39		•3	3•1	1•5	•2	•2															31	33	14	
38/ 37	•2	•9	1•7	1•4	•2																25	30	22	2
36/ 35	•3	1•7	1•9	1•4	•5																34	36	45	6
34/ 33	•2		1•2	1•0	•2																15	15	33	11
32/ 31	•3	•5	2•6	1•7	•3																29	33	25	22
30/ 29	•2	2•9	2•3	1•2																	36	36	30	21
28/ 27	•7	3•2	4•1	•7																	51	51	36	49
26/ 25	•3	2•7	3•2																		37	38	47	27
24/ 23		4•9	3•1																		47	54	44	29
22/ 21	1•0	3•4	•7																		30	32	53	23
20/ 19	•5	3•7	1•7																		31	32	38	47
18/ 17	•2	2•6	1•2																		22	23	33	30
16/ 15	•2	2•7																			17	18	29	26
14/ 13		1•2																			19	25	19	43
12/ 11	•7	2•2																			17	25	22	37
10/ 9	•9	3•7																			27	31	26	61
8/ 7	•5	1•9																			9	13	19	25
6/ 5	1•4	•9																			13	18	14	34
4/ 3	•2	•5																			4	5	4	20
2/ 1	•7																				8	11	7	14
0/ -1	1•7																				10	19	10	18
-2/ -3	1•9																				11	16	11	7
-4/ -5	•7																				4	7	4	8
-6/ -7	•5																				3	4	3	9
-8/ -9	•7																				2	2	2	7
-10/-11	•2																				1	1	1	5

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Ref. Num.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 74 54 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] STATION | SONORESTROM GL STATION NAME | 75-83 YEARS | APR MONTH

PAGE 2 | 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
-12/-13																						2
-14/-15	.2																		1	1	1	2
-16/-17																						1
-18/-21																						1
TOTAL	13.6	41.2	26.5	13.4	3.7	1.0	.2												588	671	588	588

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.	2797872	39768	67.6	13.580	588							
Dry Bulb	489261	15717	23.4	13.445	671	6.7	66.4					90
Wet Bulb	356900	12926	22.1	11.132	588	4.9	71.8					90
Dew Point	203675	8777	14.9	11.126	588	9.2	86.9					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | SONDRESTROM GL STATION NAME | 75-83 YEARS | APR MONTH

PAGE 1 | 18Z-20Z HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 47				.2		.2												2	2		
46 / 45				1.5	.4													12	12		
44 / 43				1.3	.4													9	13	1	
42 / 41			.4	.4	.2													5	7		
40 / 39		.4	2.2	1.7														23	24	9	
38 / 37		.6	3.1	.7	.4													25	26	13	1
36 / 35		1.3	1.5	1.3	.4													24	31	21	
34 / 33	.4	1.7	1.3	.7														22	25	85	8
32 / 31	.4	2.8	2.1	.6	.2													32	39	24	20
30 / 29	.2	2.2	1.8	.9														28	32	31	22
28 / 27	1.5	5.0	1.8	.7														49	52	33	48
26 / 25	.9	2.2	1.7															26	32	43	32
24 / 23	.2	4.1	2.9															38	44	30	27
22 / 21	.2	2.6	1.7															28	36	33	21
[illegible] / 19	2.4	[illegible].4	.0															31	34	42	34
18 / 17	.7	3.5	.4															25	29	34	30
16 / 15	.2	3.1	.2															19	22	26	31
14 / 13	.4	2.8																17	20	20	25
12 / 11	.2	3.3																19	21	23	33
10 / 9	1.7	5.7																40	45	29	46
8 / 7	.6	[illegible].0																14	17	22	27
6 / 5	1.7	.7																13	25	16	32
4 / 3	.9	.2																6	6	9	20
2 / 1	.6																	3	7	4	23
0 / -1	2.4																	13	18	13	19
-2 / -3	1.1																	6	7	6	10
-4 / -5	1.3																	7	14	7	6
-6 / -7	.2																	1	8	1	8
-8 / -9	.4																	2	6	2	6
-10/-11																			3		4
-12/-13	.6																	3	3	3	3
-14/-15	.2																	1	1	1	1
-16/-17																					2
-18/-19	.2																	1	1	1	1

Element (X)	$\Sigma_{X'}$	Σ_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.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | SONDRESTROM GL STATION NAME | 75-87 YEARS | APR MONTH

PAGE 2 | 1600-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible]-51																					1
[illegible]-73																					1
TOTAL	18	94	65	21	6	1	9	2										542	662	542	542

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.	2911177	39061	72.1	13.729	542							
Dry Bulb	4156 5	14015	21.2	13.412	662	8.3	71.0					90
Wet Bulb	291637	11 01	20.3	11.240	542	5.6	75.2					90
Dew Point	180547	7735	14.3	11.388	542	10.3	88.5					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

.0231 STATION | SONDRESTROM GL STATION NAME | 75-87 YEARS | APR MONTH

PAGE 1 | 2100-2300 Hours (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31		Dry Bulb	Wet Bulb	Dew Point
46/ 43			.2															1	1		
44/ 43			.2	.6														4	6		
42/ 41				1.7														5	7	1	
40/ 39		.2	.5	1.8														13	16	2	
38/ 37		.2	1.4	.4														10	15	6	
36/ 35	.6	1.4	2.2	.6														24	28	13	7
34/ 33	.4	2.6	3.3	.2														33	33	34	5
32/ 31	1.4	3.5	1.8	.2														35	41	34	15
30/ 29	.2	2.6	2.8															29	32	33	27
28/ 27	2.2	3.1	1.6															35	44	33	40
26/ 25	1.8	3.1	.4															23	28	35	26
24/ 23	.2	3.9	1.3															26	32	25	28
22/ 21	.6	4.7	.4															29	39	25	21
20/ 19	.6	3.3	.6															23	25	34	22
18/ 17	2.2	5.5	.2															40	48	37	27
16/ 15	1.6	3.5																26	36	35	36
14/ 13	.4	3.0																22	32	22	33
12/ 11	1.2	2.2																17	22	18	37
10/ 9	1.8	2.6																22	29	19	37
8/ 7	1.2	1.2																12	18	19	28
6/ 5	2.0	1.0																15	27	19	15
4/ 3	1.8	.6																12	21	11	18
2/ 1	2.4	.2																13	16	13	7
0/ -1	1.6																	8	23	9	30
-2/ -3	1.4																	7	12	7	13
-4/ -5	1.0																	5	7	5	11
-6/ -7	.6																	3	3	3	7
-8/ -9	1.0																	5	8	5	2
-10/-11	.8																	4	9	8	6
-12/-13	.3																	4	6	8	4
-14/-15																			1		2
-16/-17	.4																	2	8	2	4
-18/-19	.4																	2	2	2	1
-20/-21																					1

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

04231 STATION | SONDRESTROM GL STATION NAME | 75-83 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-22/-23																					2
-24/-25																					1
TOTAL	29.	34	9.	5	16.5	4.7												509	675	509	509

Element (X)	$\Sigma_{X'}$	Σ_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.	3117579	39405	77.4	11.483	509							
Dry Bulb	352148	12308	18.2	13.761	675	10.8	75.9					90
Wet Bulb	249197	9503	18.7	11.887	509	7.2	80.1					90
Dew Point	172263	7095	13.9	12.017	509	14.9	87.9					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

42312 STATION | SONDRESTROM GL STATION NAME | 75-83 YEARS | APR 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
56/ 55				.2	.1	.2												5	8		
54/ 53				.2	.2		.2											4	6		
52/ 51					.2		.2											3	4		
50/ 49						.2	.0											3	4	1	
48/ 47			.1	.1	.1	.1												12	15	4	
46/ 45			.2	.7	.4	.1												58	67	5	1
44/ 43			.2	.9	.3													53	63	5	
42/ 41			.5	.9	.1	.2												69	76	12	2
40/ 39		.1	1.6	1.6	.1	.0												144	166	42	2
38/ 37	.1	.3	1.4	.9	.1													124	146	91	11
36/ 35	.2	1.0	1.4	1.1	.1													163	186	159	25
34/ 33	.4	.8	1.8	.9	.1													173	188	229	48
32/ 31	.5	1.5	1.7	.4	.1													181	220	196	105
30/ 29	.5	2.6	1.6	.5														224	241	229	149
28/ 27	1.7	3.8	2.4	.4														358	386	283	319
26/ 25	1.2	3.1	1.7	.2														248	276	274	202
24/ 23	.3	4.2	1.7															264	290	259	230
22/ 21	.9	3.8	.8	.0														239	271	269	203
20/ 19	1.2	3.0	.6															207	218	285	239
18/ 17	1.2	3.8	.4															228	266	283	229
16/ 15	.9	3.5	.1															196	246	246	225
14/ 13	.7	3.3																171	211	201	270
12/ 11	1.2	2.4																157	206	179	272
10/ 9	1.3	3.8																218	278	174	378
8/ 7	1.0	1.8																119	163	128	193
6/ 5	2.4	.7																131	210	172	212
4/ 3	1.3	.4																76	123	81	156
2/ 1	2.0	.1																89	133	101	182
0/ -1	2.1																	90	163	95	201
-2/ -3	1.3																	55	83	55	88
-4/ -5	1.2																	50	86	50	91
-6/ -7	.8																	33	58	33	57
-8/ -9	.5																	23	45	23	49
-10/-11	.6																	24	53	24	32

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] | SONDRESTROM GL | 75-83 | APR
STATION | STATION NAME | YEARS | MONTH

 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible]/-13	.6																	24	37	24	30
[illegible]/-15	.4																	18	33	18	21
[illegible]/-17	.3																	15	32	15	25
[illegible]/-19	.6																	24	47	24	29
[illegible]/-21	.2																	8	16	8	16
[illegible]/-23	.1																	5	6	5	15
[illegible]/-25	.1																	5	5	5	9
[illegible]/-27	.[illegible]																	2	2	2	6
[illegible]/-29	.0																	1	1	1	4
[illegible]/-31																					[illegible]
TOTAL	27.6	44.1	17.9	8.5	1.5	.3	.1											4290	5334	4290	4293

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.	24337881	317931	74.1	13.452	4290							
Dry Bulb	2977497	98636	18.5	14.707	5334	90.0	594.6					720
Wet Bulb	2134005	79331	18.5	12.471	4290	64.1	628.0					720
Dew Point	1357538	55432	12.9	12.228	4290	113.6	705.1					720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

42312 STATION | SONDRESTROM GL STATION NAME | 75-83 YEARS | MAY MONTH

~~0000-0259~~ Hours (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
54/ 53																			1		
52/ 49				.4	.2	.2	.2											5	8		
46/ 47				.4	.7													6	11		
48/ 45			1.6	1.6	.5													22	29		
44/ 43			.9	1.4	.4													15	21	3	
42/ 41		.7	.9	.5														12	21	14	
40/ 39		1.9	2.5	.7														29	36	21	1
39/ 37	.5	3.2	1.6	1.2														37	46	32	11
36/ 35	.2	4.2	2.8	1.4														49	60	39	19
34/ 33	.7	4.7	4.9	.4														61	72	67	28
32/ 31	1.1	6.3	1.8	.2														53	68	71	55
30/ 29	.5	7.4	3.2	.4														65	70	61	49
28/ 27	2.3	11.6	3.2															97	102	71	89
26/ 25	.7	4.2	1.2															35	37	71	45
24/ 23		5.4	1.6															49	49	38	60
22/ 21	.5	1.9	.2															15	19	34	53
20/ 19	.2	1.2																8	8	19	38
18/ 17	.2	.5																4	4	12	38
16/ 15		1.2																7	7	4	8
14/ 13	.2	1.2																8	8	9	27
12/ 11	.2																	1	4	3	26
10/ 9																			1		15
8/ 7																			4		6
6/ 5																			2		1
TOTAL	7.2	55.9	26.4	8.4	1.9	.2	.2											569	679	569	569

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.	3327541	42951	75.5	12.261	569							
Dry Bulb	732272	21668	31.9	7.783	679		51.2					93
Wet Bulb	508936	16572	29.1	6.263	569		68.2					93
Dew Point	363763	13807	28.3	7.112	569		83.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] STATION | SONDRESTROM GL STATION NAME | 75-83 YEARS | MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible]																			1		
[illegible]					•[illegible]													1	4		
50/ 49					•4	•2												3	5		
48/ 47				•2	•4													3	5		
46/ 45			1.1	•4	1.6													17	23		
44/ 43			1.2	1.1	•2													14	20	2	
42/ 41		•5	•4	1.2														12	20	10	
40/ 39		1.6	•5	1.1	•2													19	26	15	
38/ 37	•7	2.[illegible]	1.2	•9														24	35	25	6
36/ 35	•7	5.4	2.3	1.6														56	68	31	23
34/ 33	1.2	5.7	4.1	•4														64	77	67	22
32/ 31	•9	5.[illegible]	1.2															40	57	71	39
30/ 29	1.4	7.3	•7	•2														54	62	54	56
28/ 27	3.4	13.0	3.3	•2														110	123	73	85
26/ 25	•9	5.5	1.2															43	43	69	55
24/ 23	•4	5.4	1.2															39	39	43	55
22/ 21	•4	3.0	•2															27	23	37	41
20/ 19	•4	2.7	•2															18	18	23	43
18/ 17		•9																5	5	19	36
16/ 15		1.6																9	9	10	23
14/ 13		1.4																8	9	8	18
12/ 11																			3	2	29
10/ 9		•2																1	1		20
8/ 7																			2	1	5
6/ 5																			5		3
4/ 3																			1		
2/ 1																					1
TOTAL	•8	61.2	18.7	7.1	2.9	•2													681		560
																		560		560	

Element (X)	$\Sigma_{X'}$	Σ_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.	3386893	42946	76.7	12.926	560							
Dry Bulb	694811	21076	30.9	7.009	681		54.2					93
Wet Bulb	470957	15849	28.3	6.330	560		68.1					93
Dew Point	392338	13238	23.6	7.252	56		84.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

(0)2710 SONDRESTROM GL 75-83 MAY
STATION STATION NAME YEARS MONTH

PAGE 1 0600-0900 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
67/ 59				•															1		
56/ 55						.3												2	3		
54/ 53					.2	.9	.2											7	8		
52/ 51					1.2	.2	.2											9	11		
50/ 49				.6	.3	.3												7	9		
48/ 47			.3	.7	.3	.2												9	10		
46/ 45		.2	1.2	1.0	2.1													26	31	7	
44/ 43			1.5	1.0	.3													17	22	22	
42/ 41		.9	1.9	.7	1.2													27	33	10	2
40/ 39		1.7	2.1	2.2														35	46	26	3
38/ 37	.7	2.9	2.3	1.6														46	51	43	19
36/ 35	.5	3.3	2.6	1.7	.2													88	59	43	22
34/ 33	.7	3.1	4.2	.7														50	57	71	34
32/ 31	.3	4.3	2.2	.5														43	59	57	43
30/ 29	1.4	6.2	2.9	1.0														67	72	59	59
28/ 27	2.1	8.0	4.2	.5														85	91	61	68
26/ 25	.5	2.9	2.1															32	32	67	59
24/ 23	.5	4.2	1.0															33	33	42	6
22/ 21	.7	2.2	.2															18	19	36	40
20/ 19		.3	.3															4	8	20	48
18/ 17		1.0																6	7	6	31
16/ 15		.3																2	3	6	19
14/ 13		.7																4	4	4	24
12/ 11		.2																1	3		28
10/ 9																			2	1	15
8/ 7																			1		2
6/ 5																			3		1
4/ 3																			1		
2/ 1																					1
0/ -1																			1		
TOTAL	7.4	42.6	29.6	12.3	5.9	1.9	.3											578	676	578	578

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.	329513	41883	71.7	18.720	578							
Dry Bulb	799022	22510	33.3	8.561	676	.1	86.1					93
Wet Bulb	553594	17468	30.2	6.672	578		57.8					93
Dew Point	378571	18163	28.5	7.392	578		80.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[42?1?] STATION | SONDRESTROM GL STATION NAME | 75-83 YEARS | MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
62/ 6[illegible]									.?									2	3		
[illegible]/ 59						.6	.?	.3										7	8		
58/ 57					.2	.6	.3	.2										8	10		
56/ 55					.2	1.0	.6											11	11		
54/ 53					1.1	.5	.5											13	13		
52/ 51				.3	.6	.8												11	11		
50/ 49				.8	.8	1.5												19	20	5	
48/ 47			.3	1.1	1.5	1.6												28	29	10	
46/ 45		.2	1.8	4.1	2.3	.5												54	58	23	
44/ 43		.2	1.5	1.9	.6	.2												27	32	30	2
42/ 41		1.1	2.6	2.8	.6	.2												45	51	29	3
40/ 39		1.3	2.9	2.8	.6	.?												46	53	58	16
38/ 37	.2	1.5	4.2	2.6	.8													57	59	48	19
36/ 35	.3	1.5	4.4	3.4	.8													64	69	55	29
34/ 33	.5	2.1	2.6	2.1	.2													46	51	77	41
32/ 31	.6	1.9	1.3	1.8	.2													36	45	72	53
30/ 29	.3	3.2	2.9	1.6														51	52	56	53
28/ 27	.6	4.2	3.1	.2														50	50	38	111
26/ 25	.3	2.4	.6															21	22	63	52
24/ 23		1.0	.2															7	8	32	46
22/ 21		.6																4	4	5	40
20/ 19		.8																5	5	5	44
18/ 17		.3																2	7	7	25
16/ 15		.5																3	3	2	31
14/ 13																			2	1	19
12/ 11																			1		22
10/ 9																			4		9
8/ 7																			2		
6/ 5																			1		
4/ 3																					1
TOTAL	2.9	22.6	28.4	25.5	10.6	7.6	1.6	.9	.3									616	684	616	616

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	2628673	39113	63.5	15.365	616
Dry Bulb	1219396	25622	37.5	9.343	684
Wet Bulb	715671	20573	33.4	6.817	616
Dew Point	449531	15923	25.8	7.318	616

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb		28.0					93
Wet Bulb		42.4					93
Dew Point		76.4					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72712 (STATION) SONDRESTROM GL (STATION NAME) 75-83 (YEARS) MAY (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
86/ 85								.2										2	3		
84/ 83						.2	.5		.3	.2								7	7		
82/ 81						.2	.2	1.										8	8		
80/ 79					.7	.5	1.2	.5										15	17		
78/ 77						1.0	.5	.2										10	11		
76/ 75				.2	.7	.7												9	13		
74/ 73				.3	1.3	.2	1.3											17	18	2	
72/ 71				.3	1.5	2.1	.8											29	31	7	
70/ 69				.7	1.5	2.7	.3											27	31	9	
68/ 67			.2	2.1	1.3	.5	.2											26	26	29	
66/ 65			1.8	2.5	4.5	.8												58	61	19	1
64/ 63		.2	.8	2.6	1.1	.5												31	38	42	5
62/ 61	.5	1.0	2.5	3.0	2.6	.3												60	65	45	9
60/ 59		1.3	2.1	5.1	1.8	.3												65	78	46	14
58/ 57		.5	5.1	3.1	.5													56	60	59	27
56/ 55		1.3	2.5	.8	1.2													36	48	88	36
54/ 53		.8	4.6	2.1	.7													50	56	99	40
52/ 51	.2	1.3	1.5	2.6	.3													36	36	57	44
50/ 49		1.0	2.3	.5														23	23	44	54
48/ 47	.2	2.1	.8															19	19	36	108
46/ 45	.3	.8																7	7	46	52
44/ 43		.2																1	2	3	50
42/ 41	.3	1.0	.2															9	9	3	43
40/ 39		.7																4	7	6	31
38/ 37																			4	5	25
36/ 35																			8		21
34/ 33																			3		24
32/ 31																			2		15
30/ 29																					5
28/ 27																					1
TOTAL	1.5	12.2	24.6	26.1	18.8	9.3	5.7	2.1	.3	.2									675		605
																		605		605	

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.	2190816	35250	58.30	9.060	605							
Dry Bulb	1183396	27899	40.7	9.785	675		16.0					93
Wet Bulb	790926	21968	35.5	6.947	605		30.7					93
Dew Point	663033	16135	26.7	7.360	605		72.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | SONDRESTROM GL STATION NAME | 75-87 YEARS | MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
68/ 67							.2											1	3		
66/ 65							.2	.2	.2	.2								7	7		
64/ 63							.3	.2										4	4		
62/ 61							.2	1.1										8	8		
60/ 59					.3	.5	1.8	.4										19	21		
58/ 57					.5	1.1	1.6	.2										20	22		
56/ 55					.8	.7	.2	.4										12	13	1	
54/ 53					.7	1.5	1.1	.3										19	24	4	
52/ 51					1.5	1.5	.7	.4										24	25	7	
50/ 49				.8	.7	.8												14	16	16	
48/ 47				1.8	1.8	1.1												29	29	24	
46/ 45			3.2	3.2	3.6	2.1	.3											81	82	29	1
44/ 43			.8	3.0	2.3	1.3												45	46	31	6
42/ 41		.3	2.3	3.4	1.8	.3												51	61	47	10
40/ 39	.3	.8	3.3	3.8	1.3													58	61	51	9
38/ 37		1.0	2.6	2.5	.5													40	42	51	33
36/ 35		1.1	3.6	1.8	1.6													50	57	80	38
34/ 33		1.3	3.3	2.5	1.3													51	53	72	44
32/ 31	.2	.5	2.1	1.3	.2													26	26	61	46
30/ 29	.2	.8	.7	.5														13	13	41	65
28/ 27	.5	2.3	.7															21	21	41	94
26/ 25		.5																3	3	23	50
24/ 23		.8	.2															6	6	6	53
22/ 21	.3	.5																5	5	7	42
20/ 19		.3																2	9	4	30
18/ 17		.2																1	5	2	21
16/ 15																			6	1	26
14/ 13																			1		12
12/ 11																					22
10/ 9																					6
8/ 7																					1
TOTAL	1.5	10.5	22.5	25.3	19.2	10.3	6.6	3.8	.2	.2									669		609
																		609		609	

Element (X)	$\Sigma_{X'}$	Σ_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.	7195023	34493	56.6	15.249	609							
Dry Bulb	1230437	27889	41.7	10.079	669		13.2	.4				93
Wet Bulb	823411	21989	36.1	6.961	609		28.4					93
Dew Point	474157	16379	26.9	7.439	609		71.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

042710 SONDRESTROM GL 75-87 MAY
STATION STATION NAME YEARS 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																			2		
64/ 63							.5											3	4		
62/ 61							.2											1	1		
6 / 59						.2	1.3	.2										12	14		
58/ 57					.2	.5	.5											7	8		
56/ 55				.2	.3	1.0	.5	.2										13	16		
54/ 53					1.0	1.0	.8											17	20	1	
52/ 52				.2	.5	1.2	.3											13	17	2	
5 / 49				1.0	.3	.8												13	16	9	
48/ 47			.2	2.3	.8	.8												25	28	12	
46/ 45			2.7	4.4	3.2	1.2												68	78	19	
44/ 43		.2	1.8	3.2	1.7	.3												43	51	34	3
42/ 41		.3	1.1	3.5	2.3	.2												44	57	40	2
40/ 39		.5	2.9	3.2	.5													42	51	51	14
38/ 37	.3	2.1	5.0	3.0	.5													65	69	45	27
36/ 35	.3	2.1	3.7	2.3	1.2													57	63	74	38
34/ 33	.2	.8	3.9	1.7	.7													43	50	83	39
32/ 31	.2	1.5	3.2	2.3	.2													42	42	61	51
30/ 29	.2	1.5	2.2	1.3														31	31	49	46
28/ 27	.5	1.2	1.2															34	34	45	99
26/ 25		1.0	.2															7	7	43	60
24/ 23		.7																4	5	12	63
22/ 21	.3	.8																7	7	6	52
2 / 19		.5																3	6	5	21
18/ 17		.3																2	4	3	21
16/ 15																			3	2	14
14/ 13																			3		20
12/ 11																					17
10/ 9																					6
8/ 7																					3
TOTAL	2.2	16.3	27.9	28.4	13.4	7.6	4.2	.7										596	687	596	596

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.	2371928	36566	61.4	18.697	596							
Dry Bulb	1134358	27212	39.6	9.375	687		19.2					93
Wet Bulb	735362	21554	36.5	8.677	596		35.3					93
Dew Point	888752	15798	26.5	7.126	596		73.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | SONDRESTROM GL STATION NAME | 75-83 YEARS | MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
62/ 61																			1		
58/ 57																			2		
56/ 55					.2	.2												4	5		
54/ 53					.2	.2												6	7		
52/ 51				.2	1.4	.9												14	17		
50/ 49				.9	.5	.2	.5											12	16		
48/ 47			.2	1.4	.7													13	17	3	
46/ 45			1.9	2.1	1.3													30	41	7	
44/ 43			2.3	1.7	.7													25	31	21	
42/ 41		.9	3.1	1.4														30	38	26	
40/ 39		.9	3.3	2.5	.7													43	56	43	3
38/ 37		2.1	4.4	1.7														52	64	37	19
36/ 35	.5	4.7	6.1	1.6														71	80	56	45
34/ 33	.2	3.8	6.3	.9														64	75	80	45
32/ 31	.5	3.1	3.5	1.6														49	60	65	43
30/ 29		3.5	3.1	.7														42	48	59	54
28/ 27	1.0	5.8	3.4	.2														62	63	53	78
26/ 25	.3	3.1	.7															23	24	52	50
24/ 23		2.1	.2															13	13	35	59
22/ 21	.3	.2	.2															4	4	18	55
20/ 19		.5	.2															3	3	2	30
18/ 17		1.2																6	6	9	31
16/ 15		.9																5	7	4	15
14/ 13		.2																1	2	1	17
12/ 11																			4	1	18
10/ 9																					7
8/ 7																					1
6/ 5																					2
TOTAL	2.4	33.2	39.2	17.1	9.7	2.4	.5											572	679	572	572

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 82 F	≤ 87 F	≤ 92 F	≤ 97 F	≤ 102 F	≤ 107 F	Total
Rel. Hum.	2893273	39620	69.3	13.16	572							
Dry Bulb	915221	24317	35.9	8.08	677			31.5				93
Wet Bulb	606762	18264	31.9	6.428	572			48.6				93
Dew Point	408998	14762	25.8	6.999	572			78.8				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

42271 (STATION) SONDRESTROM GL (STATION NAME) 75-83 (YEARS) MAY (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
68/ 67							.1											1	3		
66/ 65							.1	.1	.0	.0								9	12		
64/ 63						.0	.2	.1	.0	.0								14	15		
62/ 61						.0	.1	.3	.0									19	21		
60/ 59					.1	.3	.6	.2										53	61		
58/ 57					.1	.4	.4	.1										45	53		
56/ 55				.0	.3	.5	.2	.1										51	61	1	
54/ 53				.1	.5	.6	.5	.1										79	92	7	
52/ 51				.1	.0	.9	.3	.1										101	116	16	
50/ 49				.6	.6	.8	.1											100	121	39	
48/ 47			.1	1.3	1.1	.6	.2											139	155	78	
46/ 45		.1	1.0	2.5	2.4	.6	.2											356	402	104	2
44/ 43		.1	1.4	2.1	.9	.3												217	257	185	16
42/ 41	.1	.7	1.8	2.1	1.1	.1												280	346	221	26
40/ 39	.1	1.3	2.5	2.7	.6	.1												337	403	321	60
38/ 37	.2	2.1	3.4	2.1	.3													377	426	337	161
36/ 35	.3	2.8	3.5	1.8	.6													431	500	426	250
34/ 33	.4	2.8	4.2	1.4	.4													429	491	616	293
32/ 31	.5	3.0	2.1	1.3	.1													325	393	515	374
30/ 29	.5	3.8	2.3	.8														345	367	423	436
28/ 27	1.3	6.3	2.5	.1														478	500	418	732
26/ 25	.4	2.5	.7															171	175	434	423
24/ 23	.1	2.4	.5															143	146	211	446
22/ 21	.4	1.3	.1															82	90	146	366
20/ 19	.1	.9	.1															47	60	84	285
18/ 17	.3	.5																26	42	63	228
16/ 15		.6																26	42	29	157
14/ 13	.3	.4																21	32	23	161
12/ 11	.1	.0																2	17	6	177
10/ 9		.0																1	8	1	83
8/ 7																			9	1	19
6/ 5																			11		7
4/ 3																			2		1
2/ 1																					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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4231 SONDRESTROM GL 75-83 MAY
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
/ -																			1		
TOTAL	4.3	31.3	27.1	19.7	9.8	5.1	2.4	.9	.1	.0									5431		47.5
																		4705		4705	

Element (X)	$\Sigma_{X'}$	Σ_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.	21940654	312382	66.4	15.075	4705							
Dry Bulb	7705912	197734	36.4	9.649	5430	.1	259.6	.4				744
Wet Bulb	5201619	152737	32.5	7.193	4705		372.2					744
Dew Point	3324087	120201	25.5	7.337	4705		616.2					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24271 SONDRESTROM GL 74-82 JUN
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
/ 59						.2												1	1		
56/ 55							.2											1	2		
54/ 53				.2	.2	.2	.2											4	5		
52/ 51			.2	.5	2.2	1.8												26	27		
/ 49			.2	.7	.9	1.6	.2											20	32	3	
48/ 47		.2	1.3	1.4	2.2	.7												35	46	3	
46/ 45	.2	1.6	7.4	4.5	3.3	1.3												101	141	12	3
44/ 43		3.1	7.1	1.3	.9	.2												69	100	46	6
42/ 41	1.3	6.9	4.3	1.4	2.2	.5												92	109	109	19
40/ 39	.2	5.2	4.9	1.3	1.3	.2												72	82	101	61
38/ 37	.7	7.3	2.9	.7	.4													44	51	79	43
36/ 35	.5	2.5	1.6	.4														28	33	69	66
34/ 33	.2	1.3	.9	.2	.4													16	18	57	75
32/ 31		1.8	.4		.2													13	13	27	57
/ 29		1.6	1.3	.4														18	18	18	51
28/ 27	.9	.5	.2	.4														11	11	15	60
26/ 25		.2	.2															2	2	9	31
24/ 23																				4	33
22/ 21																				1	19
/ 19																					13
18/ 17																					9
16/ 15																					1
14/ 13																					3
12/ 11																					2
/ 9																					4
8/ 7																					3
TOTAL	4.2	29.2	33.3	13.4	13.9	6.7	.5											553	689	553	553

Element (X)	Σ_X'	Σ_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.	2829118	38448	69.5	16.804	553							
Dry Bulb	1240334	28998	42.1	5.444	689		5.7					90
Wet Bulb	793740	20788	37.6	4.719	553		12.0					90
Dew Point	577867	17879	31.6	6.729	553		45.6					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14231 STATION | SONDRESTROM GL STATION NAME | 74-82 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
54/ 53						.5	.4											5	5		
52/ 51					1.3	.7												11	12		
50/ 49		.2	.4	.4	.4	1.3												14	19	1	
48/ 47		.2	.4	1.1	1.3	1.3												23	35	2	1
46/ 45		1.5	5.6	2.5	2.7	.7												68	92	6	
44/ 43		2.0	4.5	1.3	1.3													50	72	29	6
42/ 41	2.	3.5	6.2	2.4	1.8	.5												123	151	79	16
40/ 39		8.7	2.2	2.7	1.5													79	97	89	45
38/ 37	2.2	4.4	3.8	.7	.4													63	74	120	56
36/ 35		4.7	2.2	1.3	.2													46	52	61	66
34/ 33	1.1	1.3	1.1	.2														20	23	78	92
32/ 31	.2	1.6	.5	.2	.4													16	18	35	54
30/ 29	.2	2.2	.4	.4														17	17	21	40
28/ 27	1.3	.2	.4	.4														12	12	16	63
26/ 25		.2	.2															2	2	5	29
24/ 23			.2															1	1	4	32
22/ 21																				3	16
20/ 19																				1	9
18/ 17																					8
16/ 15																					5
14/ 13																					3
12/ 11																					1
8/ 7																					5
6/ 5																					3
TOTAL	6.9	36.5	28.0	12.7	10.4	5.1	.4											550	682	550	550

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.	3977110	40024	72.8	17.311	550							
Dry Bulb	1145296	27726	40.7	5.159	682		6.6					90
Wet Bulb	753073	20201	36.7	8.498	550		13.9					90
Dew Point	568468	17286	31.4	6.773	550		43.9					90

USAFETAC FORM 0-26-5 (OL A) 74 4 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | SONDRESTROM GL STATION NAME | 74-82 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 D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
62/ 61							.2											1	1		
60/ 59							.3	.7										6	6		
58/ 57						.3	.7	.2										7	8		
56/ 55				.2		1.4	1.2											16	19		
54/ 53			.2	.2	.5	1.7	.5	.3										20	21		
52/ 51			.2	.5	1.9	1.2	.2	.2										24	28		
50/ 49		.2	.3	2.6	1.9	1.2	.2											36	54	4	
48/ 47		.3	2.3	1.9	1.2	1.6	.3											46	59	10	
46/ 45		.1	9.4	5.1	2.8	.7	.5											118	142	40	5
44/ 43		2.6	4.9	2.8	.3	1.2												64	80	87	7
42/ 41	1.2	6.3	3.7	1.4	.5	1.2												80	108	97	20
40/ 39		4.2	2.6	3.1	.7													60	67	91	68
38/ 37	.5	2.6	1.2	1.2	.3	.2												35	35	83	57
36/ 35	.5	.9	1.4		.3													18	22	53	80
34/ 33	.7	1.2	.2	.3	.3													16	16	51	66
32/ 31	.2	1.6	.5		.2													14	14	29	59
30/ 29	.2	1.2		.2														9	9	14	31
28/ 27	.2		.2															2	2	8	72
26/ 25																				4	30
24/ 23																				1	22
22/ 21																					12
20/ 19																					9
18/ 17																					13
16/ 15																					7
14/ 13																					4
12/ 11																					2
10/ 9																					3
8/ 7																					3
6/ 5																					2
TOTAL	3.3	23.1	27.1	19.6	11.5	10.3	4.2	1.4											691		572
																		572		572	

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.	2653355	37481	65.5	18.592	572							
Dry Bulb	1365068	31888	46.1	5.869	691		3.3					90
Wet Bulb	878901	22261	38.9	4.688	572		8.8					90
Dew Point	610388	18238	31.9	7.111	572		42.3					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | SONDRESTROM GL STATION NAME | 74-82 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
71/ 69									.2									1	1		
69/ 65								.2	.5									4	4		
64/ 63						.5	.2	.5	1.0									13	13		
62/ 61					.2		.7	1.3	.3	.1								16	18		
60/ 59					.2	.2	1.7	.7	.5									19	23		
58/ 57				.3		2.5	1.2	.7	.2									29	35		
56/ 55				.3	2.3	1.8	1.2	.5										37	45		
54/ 53				1.2	2.8	1.5	1.3	.3										41	47	5	
52/ 51			.8	2.3	2.8	.5	.5	.2										43	49	7	
50/ 49			.8	4.5	1.3	1.3	.3											50	59	15	
48/ 47		.3	3.5	4.3	2.8	.8	.3											73	84	70	
46/ 45		1.5	6.5	6.1	1.8	2.2	.5											107	119	93	14
44/ 43	.2	2.3	2.8	2.7	1.2	.5	.3											60	68	87	8
42/ 41	.3	2.5	1.3	1.2	1.3	.5	.2											47	54	100	29
40/ 39		1.0	.3	.3	.8	.3												17	18	84	102
38/ 37	.5	.2	1.	.7														14	14	45	59
36/ 35	.8	.3	.7	.3	.2													14	14	35	82
34/ 33		.8	1.2	.2														13	13	26	69
32/ 31		.7																4	4	25	51
30/ 29																				9	37
28/ 27																				1	51
26/ 25																					21
24/ 23																					31
22/ 21																					15
20/ 19																					13
18/ 17																					8
16/ 15																					1
14/ 13																					2
12/ 11																					2
10/ 9																					3
8/ 7																					3
6/ 5																					1
TOTAL	1.8	9.6	18.9	28.4	17.4	12.6	8.0	4.2	2.7	.3								602	682	602	602

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.	2231598	35104	58.3	17.526	602							
Dry Bulb	1631515	33733	48.4	6.806	682		.5	.1				90
Wet Bulb	1060074	25088	41.7	4.920	602		5.2					90
Dew Point	686313	19887	33.0	6.988	602		35.7					90

FORM AS 64 0-26-3 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[0271?] STATION | SONDRESTROM GL STATION NAME | 74-82 YEARS | JUN 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
71/ 69									.2	.3								3	3		
69/ 67							.2	.2	.3	.7	.2							9	9		
66/ 65						.3		.5	.8	.8								15	15		
64/ 63						.7	.7	1.8	1.8	.2								31	38		
62/ 61						.7	2.3	1.3	.3									26	29		
60/ 59					.2	2.9	3.4	1.1	.3									49	54		
58/ 57				.2	.2	1.5	2.4	.5	.5									32	36	1	
56/ 55					.2	4.9	.7	1.8	.3									48	56	3	
54/ 53				.2	2.3	3.3	1.3	2.4	.3									60	70	9	
52/ 51					2.3	3.3	1.6	1.2	.5									53	60	23	
50/ 49				.3	3.1	3.1	2.3	.5	.3									59	73	67	1
48/ 47			.5	2.1	4.2	1.5	1.5	1.2	.2									67	80	103	6
46/ 45	.2	.8	4.2	4.7	1.1	1.6	.5											81	87	76	8
44/ 43		1.6	1.2	1.8	1.2	.3	.2											36	37	95	6
42/ 41	.2	.3	.3	.3	.7	.5												14	15	85	40
40/ 39		.8	.3	.5	.5													13	13	60	111
38/ 37			1.2	.2														7	7	35	71
36/ 35		.3	.5															5	5	21	74
34/ 33			.7															4	4	21	68
32/ 31		.3																2	2	13	41
30/ 29																				2	41
28/ 27																					57
26/ 25																					19
24/ 23																					32
22/ 21																					10
20/ 19																					3
18/ 17																					9
16/ 15																					5
14/ 13																					6
12/ 11																					3
10/ 9																					3
TOTAL	.3	4.7	13.7	19.9	27.7	46.8	48.3	27.0	13.7	2.0	.2							614	693	614	614

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.	181423	31865	51.9	15.989	614							
Dry Bulb	1906496	36018	52.0	7.103	693		.3	1.6				90
Wet Bulb	1185724	26808	43.7	8.988	614		2.2					90
Dew Point	716286	20539	33.8	6.918	618		33.6					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4231 — STATION
SONDRESTROM GL — STATION NAME
74-82 — YEARS
JUN — MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
74/ 73											.2							1	1		
72/ 71											.3							2	2		
70/ 69									.2	.3	.2							5	5		
68/ 67							.2	.2	.5	.3								8	8		
66/ 65								.2	.2	.1								7	10		
64/ 63					.5	.3	2.0	2.2	1.9									41	43		
62/ 61						.5	3.2	1.0	.5									31	41		
60/ 59						3.7	4.6	1.4	.7									61	65		
58/ 57			.2	.2	1.5	2.2	.8	.7										33	41	3	
56/ 55			.2		3.4	1.0	1.5	.5	.3									41	50	2	
54/ 53				.2	2.5	1.9	2.7	.7										59	71	8	
52/ 51			.2	2.5	4.7	1.7	1.5	.7										68	75	39	1
50/ 49			1.5	3.4	1.9	1.2	.3											49	61	78	3
48/ 47		.5	1.5	2.2	3.4	.8	.7	.3										56	63	84	3
46/ 45		1.4	3.4	2.5	1.4	1.4	.2											60	63	97	6
44/ 43		2.1	1.2	.3	.2	.8												26	27	87	24
42/ 41	.5	.8	.5	.7	.5													18	19	88	44
40/ 39		.3	.5	.2	.3													8	8	49	106
38/ 37			.7	.2														5	5	17	50
36/ 35		.2	.5	.5														7	7	22	74
34/ 33		.3																2	2	15	71
32/ 31		.3																2	2	11	38
30/ 29																					39
28/ 27																					54
26/ 25																					22
24/ 23																					23
22/ 21																					7
20/ 19																					5
18/ 17																					9
16/ 15																					7
14/ 11																					2
8/ 7																					2
TOTAL	.5	5.9	10.3	14.9	20.3	15.6	18.0	7.8	4.7	1.0	.3							590	669	590	590

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.	1719613	30337	51.4	16.468	590							
Dry Bulb	1908641	35409	52.9	7.187	669		.2	2.2	.1			90
Wet Bulb	1173790	26154	44.3	4.947	590		1.7					90
Dew Point	708749	20053	34.0	6.794	590		31.7					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

42312 STATION | SONDRESTROM GL STATION NAME | 74-82 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
71/ 69									.2	.5								4	4		
67/ 67										.4								2	2		
66/ 65									.2	.4								3	4		
64/ 63					.2	.5	.7	1.8	1.2									25	27		
62/ 61					.2	.2	1.6	.7	.5									18	20		
60/ 59				.2	.2	1.1	4.3	1.2	.5									42	89		
58/ 57					.5	3.2	1.8	.9										35	46		
56/ 55			.2	.2	2.5	2.3	1.8	.4										41	58	3	
54/ 53				2.1	2.9	2.2	1.2	.4										42	60	5	
52/ 51			.7	3.2	2.1	1.2	1.8											51	63	15	
50/ 49			2.7	3.2	2.3	2.3	.4											60	80	34	1
48/ 47		1.1	2.5	2.1	2.3	1.4	.5	.2										57	70	95	4
46/ 45		1.8	5.2	4.3	2.7	.7	.7											86	97	84	9
44/ 43		2.0	1.2	1.6	1.4													35	46	87	19
42/ 41	.4	1.1	.7	1.1	1.6	.2												28	30	79	40
40/ 39		.9	.2															6	9	65	90
38/ 37		.4	.7	.5														9	11	38	43
36/ 35	.2	.4	.9	.2														9	9	22	57
34/ 33		.7	.5															7	7	23	75
32/ 31			.4															2	2	7	86
30/ 29																				3	50
28/ 27																				2	44
26/ 25																					25
24/ 23																					27
22/ 21																					10
20/ 19																					7
18/ 17																					11
16/ 15																					1
14/ 13																					1
12/ 11																					2
10/ 9																					1
8/ 7																					2
TOTAL	.5	8.2	15.8	18.3	18.0	14.9	14.8	5.5	2.7	1.2									690		562
																		562		562	

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.	1881692	30702	54.6	17.121	562							
Dry Bulb	1805876	38978	57.7	6.898	690		.3	.8				90
Wet Bulb	1455975	29209	43.1	8.839	562		1.9					90
Dew Point	657883	18859	33.6	6.680	562		35.9					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

(427[illegible] STATION | SONDRESTROM GL STATION NAME | 74-82 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
68/ 67									.2									1	1		
65/ 63									.2									1	1		
62/ 6[illegible]						.[illegible]		.[illegible]										4	6		
6[illegible]/ 59					.4			.5										5	6		
[illegible]/ 57					.2	.9	.4	.4										10	11		
56/ 55				.2	.7	2.2	1.1	.7										24	29		
54/ 53				1.1	[illegible]	3.1	1.1	.2										52	63		
52/ 51		.2	.7	2.7	1.6	2.5	.9											48	58	6	
50/ 49		.7	2.4	3.6	3.1	.9	1.1											65	89	2	
48/ 47		.9	2.2	1.8	1.6	.9	.4											43	73	35	2
46/ 45	.2	2.5	3.1	2.9	2.7	.9												96	118	82	4
44/ 43		3.1	2.2	4.2	2.[illegible]	.4	.2											66	79	89	14
42/ 41	.9	2.5	3.4	2.2	.9	.4												57	61	108	28
40/ 39	.4	1.8	2.2	.7	.2													29	37	54	80
38/ 37	.4	.7	.5	.4	.4													13	14	79	43
36/ 35	.2	1.3	.7	.7	.2													17	17	43	90
34/ 33		.5	.7															7	9	18	57
32/ 31		1.4	.2															9	9	19	52
30/ 29		.7	.4															6	6	12	47
28/ 27																				5	55
26/ 25																				1	29
24/ 23																					16
22/ 21																					11
20/ 19																					12
18/ 17																					5
16/ 15																					2
14/ 13																					1
12/ 11																					2
10/ 9																					2
8/ 7																					1
TOTAL	2.[illegible]	16.5	23.7	20.4	17.[illegible]	12.3	5.1	1.[illegible]	.4										687		553
																		553		553	

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.	2304[illegible]5	344[illegible]9	62.[illegible]	17.199	553							
Dry Bulb	1517553	32[illegible]21	46.6	6.[illegible]44	687		2.[illegible]	.1				90
Wet Bulb	927261	22495	40.7	4.7J3	553		6.[illegible]					90
Dew Point	627699	18275	33.[illegible]	6.561	553		38.2					90

USAFETAC FORM 0-26-5 (OL A) 80 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

C4231? SONDRESTROM GL 74-8? JUN
STATION STATION NAME YEARS MONTH

 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73											.0							1	1		
72/ 71											.0							2	2		
7?/ 69									.1	.2	.0							13	13		
69/ 67							.1	.?	.?	.2	.0							20	20		
66/ 65						.?		.?	.3	.2								29	33		
64/ 63					.1	.3	.5	.8	.8	.0								111	122		
62/ 61					.?	.2	1.1	.6	.2	.?								96	115		
61/ 59				.?	.1	1.0	1.8	.7	.3									183	204		
59/ 57			.?	.1	.5	1.5	.7	.4	.?									146	177	4	
56/ 55			.?	.1	1.3	1.2	1.1	.2	.0									208	255	8	
54/ 53			.?	1.2	1.9	1.5	1.2	.3										283	342	27	
52/ 51		.?	.4	1.8	2.5	1.4	.7	.2										324	372	90	1
50/ 49		.1	1.1	2.7	1.9	1.5	.4	.1										353	465	204	5
48/ 47		.5	2.1	2.4	2.?	1.1	.4	.1										400	510	402	16
46/ 45	.1	1.6	6.2	4.1	2.1	1.2	.3											717	859	480	49
44/ 43	.?	2.3	3.?	2.0	1.0	.4	.1											406	509	607	90
42/ 41	.8	3.7	2.5	1.3	1.2	.5	.?											459	547	745	236
40/ 39	.1	2.8	1.6	1.?	.7	.1												284	331	593	663
38/ 37	.5	1.4	1.5	.6	.2	.?												190	211	496	422
36/ 35	.3	1.3	1.?	.4	.1													144	159	326	589
34/ 33	.2	.8	.7	.1	.1													85	92	289	573
32/ 31	.1	1.0	.2	.0	.1													62	68	166	398
30/ 29	.?	.7	.2	.1														50	50	79	336
28/ 27	.3	.1	.1	.1														25	25	47	456
26/ 25		.?	.?															4	4	19	206
24/ 23			.?															1	1	9	213
22/ 21																				4	100
20/ 19																				1	68
18/ 17																					72
16/ 15																					29
14/ 13																					19
12/ 11																					14
10/ 9																					16
8/ 7																					10

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 84 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] STATION | SONDRESTROM GL STATION NAME | 74-8[illegible] YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
[illegible] 5																						6
TOTAL	2.4	16.3	2[illegible].8	18.[illegible]	16.3	11.9	8.[illegible]	3.5	1.8	.6	.1									5483		4596
																			4596		4596	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 47 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	18467119	278370	60.6	18.700	4596							
Dry Bulb	12521279	258623	47.2	7.677	5483		18.9	9.7	.1			720
Wet Bulb	7828539	188009	40.9	5.481	4596		50.9					720
Dew Point	5153253	150615	32.8	6.879	4596		305.8					720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

(4231) SONDRESTROM GL 74-82 JUL
STATION STATION NAME YEARS MONTH

PAGE 1 ~~0600-0200~~ HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
~~64/ 63~~							.2											1	1		
~~60/ 59~~				.2														1	1		
~~58/ 57~~			.2		.3	.3	.2	.2										7	7		
~~56/ 55~~			.2		.3	.5												6	9		
~~54/ 53~~			.2	.9	.3	.7												12	21	2	
~~52/ 51~~			.5	1.2	3.1	2.3												40	49	2	
~~50/ 49~~		.3	3.1	4.9	.9	2.7												70	79	5	2
~~48/ 47~~	.2	1.2	3.9	4.1	2.6	.9												75	92	27	3
~~46/ 45~~		4.6	18.4	4.4	2.9	.5												181	224	62	19
~~44/ 43~~	.5	6.3	7.2	2.6	.3													99	127	116	19
~~42/ 41~~	1.7	7.2	1.7	1.5	.2													69	81	188	55
~~40/ 39~~		2.9	.3															14	17	116	116
~~38/ 37~~	.7	.9																9	10	52	100
~~36/ 35~~	.2	.2																2	2	16	103
34/ 33	.2																	1	1	1	51
~~32/ 31~~																					37
~~30/ 29~~																					25
~~28/ 27~~																					34
~~26/ 25~~																					14
~~24/ 23~~																					9
TOTAL	3.4	22.7	35.6	19.3	10.9	7.7	.3	.2										587	721	587	587

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.	3056119	818.07	70.5	15.193	587							
Dry Bulb	1588377	332.9	86.1	3.926	721							~~93~~
Wet Bulb	1030888	285.36	81.8	2.898	587							~~93~~
Dew Point	790086	213.50	36.8	8.705	587		18.9					~~93~~

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

42311 SONDRESTROM GL 74-82 JUL
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
58/ 57					.7		.4											3	3		
56/ 55																			1		
54/ 53			.7	.2	.2	.5												6	8		
52/ 51		.2	.4	1.4	1.6	.7												24	32		
50/ 49		.5	1.8	2.8	.5	1.6												41	56	3	1
48/ 47		1.1	2.1	2.5	2.5	1.4												53	66	16	1
46/ 45	.4	4.8	14.6	3.9	2.7	.7												152	174	43	12
44/ 43	.9	8.1	7.1	2.1	1.4													109	146	77	26
42/ 41	2.3	13.7	2.5	1.2	.7													115	144	167	51
40/ 39	.5	5.2	.7															36	42	147	108
38/ 37	1.6	1.4																17	18	75	108
36/ 35		.7																4	4	27	92
34/ 33	.5																	3	3	6	60
32/ 31																					25
30/ 29																					23
28/ 27																					26
26/ 25																					14
24/ 23																					16
TOTAL	6.2	35.5	29.1	14.1	9.8	5.0	.4												697		563
																		563		563	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 47 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3273295	42327	74.6	15.559	563							
Dry Bulb	1392502	31242	44.5	3.790	697							93
Wet Bulb	944461	23703	40.9	2.863	563							93
Dew Point	753295	20923	36.3	9.706	563		17.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

42310 STATION | SONDRESTROM GL STATION NAME | 74-82 YEARS | JULY MONTH

 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
62/ 61							.5											3	5		
60/ 59						.3	.7	.5										9	10		
58/ 57						.3	.3	.3										9	12		
56/ 55				.2	.5	.3	.8	.2										15	19		
54/ 53			.3	2.0	1.6	2.1	.2											37	51		
52/ 51		.3	2.1	4.6	2.3	.8	.2											62	77	1	
50/ 49		.3	3.1	6.9	2.0	2.6												91	113	14	1
48/ 47		2.6	5.6	3.9	3.1	.2	.2											95	111	54	1
46/ 45	.2	8.3	16.2	1.5	2.1													173	192	119	27
44/ 43	.5	4.7	3.3	1.1	.2													60	71	170	49
42/ 41	1.1	4.9	1.1															43	52	196	75
40/ 39	.2	.7																5	5	75	161
38/ 37	.7	.5																7	7	27	91
36/ 35	.2																	1	1	4	63
34/ 33	.3																	2	2	2	42
32/ 31																					24
30/ 29																					32
28/ 27																					30
26/ 25																					11
24/ 23																					4
22/ 19																					1
TOTAL	2.9	22.4	31.4	27.1	11.8	7.2	3.3	1.0										612	728	612	612

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.	3101552	82820	69.3	6.286	612							
Dry Bulb	1688623	38877	87.9	8.387	728							93
Wet Bulb	1140859	26367	93.1	2.812	612							93
Dew Point	868018	22868	37.8	8.706	612		15.5					93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4231 — STATION
SONDRESTROM GL — STATION NAME
74-82 — YEARS
JUL — MONTH

PAGE 1
0900-1100 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 72																			1		
71/ 69																			1		
68/ 67									.3									2	2		
66/ 65						.2		.5	.2	.2								6	7		
64/ 63					.2	.5	1.6	.6	.9									24	26		
62/ 61				.2	.6	1.3	1.1	.6	.9									30	36		
60/ 59				.2	2.2	3.8	2.2	1.1	.3									65	74		
58/ 57		.2	.2	.9	3.9	7.3	2.1											67	72	1	
56/ 55			.2	2.4	7.6	3.6	.6	.2										92	98	3	
54/ 53		.2	.9	6.5	4.1	2.2	.2											88	106	13	1
52/ 51		.2	2.9	4.6	1.9	.6												64	78	43	1
50/ 49		.9	3.8	2.5	1.1	1.1												60	70	108	4
48/ 47	.2	2.1	4.4	.9	.3													50	53	183	9
46/ 45	.9	2.5	3.8	1.1	.3													54	56	143	73
44/ 43		.9	.8	.6														15	16	63	58
42/ 41		1.6																10	13	48	109
40/ 39		.5																3	3	18	151
38/ 37	.3	.2																3	3	9	65
36/ 35																				1	35
34/ 33																					45
32/ 31																					38
30/ 29																					31
28/ 27																					8
26/ 25																					4
24/ 23																					1
TOTAL	1.3	9.2	16.7	19.9	22.3	16.6	7.7	3.7	2.7	.2									715		633
																		633		633	

Element (X)	Σ_X'	Σ_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.	2439226	37976	60.3	15.956	633							
Dry Bulb	2069084	38261	53.5	5.522	715			.5				93
Wet Bulb	1380140	29484	46.6	3.287	633							93
Dew Point	973629	24693	38.9	4.751	633		12.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23113 STATION | SONDRESTROM GL STATION NAME | 74-82 YEARS | JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31				
74/ 72										.1								1	1		
72/ 71									.2	.2								2	2		
7 / 69								.1	.6	.3								7	9		
68/ 67						.2	.2	.2	.5	.5								12	14		
66/ 65						.2	1.1	1.4	.8	.4								26	27		
64/ 63					.2	4.2	7.5	2.2	1.5									105	113		
6 / 61				.2	2.1	4.3	4.3	2.6	.3									90	101		
60/ 59				.2	1.8	7.9	3.2	.9										92	101		
58/ 57			.1	1.4	3.5	2.1	1.9											58	69	2	
56/ 55		.2	.5	2.3	4.2	2.3												60	79	13	
54/ 53		.9	1.2	2.9	2.1	1.5												56	68	67	
52/ 51		.2	1.5	2.1	1.1	.3												34	38	121	4
50/ 49		1.4	1.5	2.4	.6	.3												41	46	175	11
48/ 47	.2	1.5	1.5	1.5	.3													33	34	123	12
46/ 45		1.1	1.8	.6	.5													24	25	72	88
44/ 43		.5	.6															7	7	43	78
42/ 41	.2	1.1																8	8	23	100
4 / 39																				16	138
38/ 37																				1	60
36/ 35																					44
34/ 33																					63
32/ 31																					30
30/ 29																					24
28/ 27																					4
TOTAL	.3	6.7	8.5	13.6	16.	22.9	18.7	8.1	3.3	2.1									742		656
																		656		656	

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	≥ 95 F	Total
Rel. Hum.	2 562 32	35238	53.7	5.814	656							
Dry Bulb	2462198	4251	57.3	6.009	742			3.3	.1			93
Wet Bulb	1561477	31923	48.7	3.496	656							93
Dew Point	1180623	25981	39.6	8.755	656		8.2					93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] STATION | SONDRESTROM GL STATION NAME | 74-82 YEARS | JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[redacted] 71								.2	.3									3	7		
[redacted] 69									.6	.9								10	11		
[redacted] 67						.2	.3	.2	.3	1.2								20	23		
66/ 65						.2	2.2	1.6	.8									30	32		
64/ 63					.8	4.4	7.6	7.9	1.2									141	150		
[redacted] 61					1.1	3.6	3.6	1.6	.2									64	71		
[redacted] 59			.2		.2	5.9	2.8	.9										76	93		
[redacted] 57			.2	1.2	2.3	2.6	1.2											49	58	5	
[redacted] 55		.3	.6	3.9	3.7	2.5	.6											75	86	17	
54/ 53		.2	1.1	1.4	1.4	.5												30	38	71	2
[redacted] 51		.6	2.6	1.2	1.4	.3												40	42	129	4
[redacted] 49		.2	1.4	3.1	1.1	.3												45	46	166	7
[redacted] 47	.3	.9	.9	.6	.2													21	21	113	21
46/ 45	.5	.9	1.9	.9	.2													28	29	69	91
[redacted] 43	.2	.5	.5															7	7	43	82
[redacted] 41		.5																3	3	17	71
[redacted] 39																				12	132
[redacted] 37																					73
[redacted] 35																					49
[redacted] 33																					63
[redacted] 31																					23
[redacted] 29																					24
TOTAL	.9	5.3	9.3	12.6	14.2	20.7	18.2	13.1	3.4	2.2								716			642
																		642		642	

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.	1978242	34060	53.1	16.345	642							
Dry Bulb	2441883	41579	58.1	6.184	716			5.3				93
Wet Bulb	1549247	31457	49.0	3.511	642							93
Dew Point	1026531	25487	39.7	4.791	642		6.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4231 SONDRESTROM GL 74-82 JUL
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71								.2										1	2		
70/ 69									.5									3	3		
68/ 67										.7								4	7		
66/ 65						.3	.3	.3	1.2	.8								14	16		
64/ 63					.2	1.2	2.7	1.7	1.2									40	48		
62/ 61					.7	1.7	4.1	2.4	.3									54	70		
60/ 59				.3	1.7	3.5	4.2	1.2										65	93		
58/ 57				.3	4.1	3.4	3.5	.2										66	87	2	
56/ 55			.2	2.2	6.6	3.4	.8											78	96	3	
54/ 53		.7	.8	5.1	3.2	1.7												68	87	21	
52/ 51		.2	3.7	4.1	2.7	.5												66	73	48	1
50/ 49	.2	.5	2.7	2.4	1.5	.3												45	51	126	8
48/ 47		1.7	1.2	1.5	.5	.3												31	33	170	5
46/ 45	.3	2.2	2.9	.8														36	36	116	63
44/ 43		.8	.5	.2														9	9	60	52
42/ 41	.2	.7	.3															7	7	26	85
40/ 39		.3																2	2	14	118
38/ 37	.2																	1	1	6	76
36/ 35																					53
34/ 33																					63
32/ 31																					29
30/ 29																					29
28/ 27																					6
26/ 25																					4
TOTAL	.9	6.9	12.3	16.9	21.1	16.2	15.7	5.7	3.0	1.2								592	721	592	592

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.	2618080	33212	56.1	16.186	592							
Dry Bulb	2240572	39988	55.5	5.623	721			1.5				93
Wet Bulb	1324736	27938	47.2	3.257	592							93
Dew Point	898271	22837	38.6	8.786	592		10.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[42311] STATION | SONDRESTROM GL STATION NAME | 74-82 YEARS | JUL 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
67/ 65							.2											1	1		
63/ 61						.2		.8										6	8		
61/ 59				.7	.3	.8	.3	.5										13	17		
59/ 57					1.5	.8	1.7	.3										26	37		
56/ 55			.2	.8	2.2	4.2	1.2											50	61		
54/ 53		.2	1.3	5.9	6.5	2.7	1.2											106	132	3	
52/ 51		.5	2.2	4.9	4.9	2.7												86	106	8	
50/ 49	.2	1.2	3.9	6.7	2.7	.5												90	119	41	5
48/ 47		2.1	5.2	5.9	1.3	.5												89	107	95	7
46/ 45	.2	3.9	7.7	1.3	1.5													87	100	177	31
44/ 43	.5	1.2	1.3	.5														21	23	136	52
42/ 41		1.5	1.3															15	15	86	54
40/ 39		.3	.2															3	3	35	124
38/ 37	.5	.2																4	4	14	100
36/ 35																				2	78
34/ 33																					51
32/ 31																					41
30/ 29																					18
28/ 27																					27
26/ 25																					9
TOTAL	1.3	1.9	22.9	26.1	21.1	11.6	4.4	1.7										597	733		597
																				597	

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.	2538774	37852	63.4	15.262	597							
Dry Bulb	1891882	37102	50.6	4.358	733							93
Wet Bulb	1191142	26608	44.6	2.964	597							93
Dew Point	859451	22473	37.6	9.758	597		14.8					93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

42712 STATION | SONDRESTROM GL STATION NAME | 74-82 YEARS | ALL MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73										.1								1	1		
72/ 71								.1	.1	.0								6	12		
70/ 69								.1	.2	.2								20	28		
68/ 67						.1	.1	.1	.1	.4								38	46		
66/ 65						.1	.5	.5	.3	.2								77	83		
64/ 63					.2	1.3	2.6	1.7	.6									311	338		
62/ 61				.0	.6	1.4	1.7	1.1	.2									247	291		
60/ 59			.0	.1	1.3	2.9	1.7	.7	.0									321	389		
58/ 57		.0	.1	.5	2.	1.6	1.5	.1										287	345	10	
56/ 55		.1	.2	1.5	3.2	2.2	.5	.										376	449	36	
54/ 53		.3	.7	3.1	2.4	1.5	.2											403	511	177	3
52/ 51		.3	2.0	3.0	2.3	.9	.0											416	495	352	10
50/ 49	.1	.8	2.6	3.9	1.3	1.2												483	580	638	39
48/ 47	.1	1.6	3.1	2.6	1.3	.4	.1											447	517	783	59
46/ 45	.3	3.5	8.2	1.8	1.2	.1												735	935	801	404
44/ 43	.3	2.8	2.6	.8	.2													327	406	708	416
42/ 41	.6	3.7	.8	.3	.1													270	323	701	600
40/ 39	.1	1.1	.1															63	72	433	1048
38/ 37	.5	.4																41	43	184	673
36/ 35	.0	.1																7	7	52	517
34/ 33	.1																	6	6	9	438
32/ 31																					247
30/ 29																					206
28/ 27																					135
26/ 25																					56
24/ 23																					30
22/ 19																					1
TOTAL	2.1	19.6	20.4	17.8	16.	13.7	8.7	4.3	1.7	.1									5773		4882
																		4882		4882	

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.	20461520	308168	62.3	17.578	4882							
Dry Bulb	15727121	298607	51.7	6.987	5773			10.7	.1			748
Wet Bulb	10122500	221316	45.3	8.288	4882							748
Dew Point	7205904	186030	38.1	8.900	4882		102.9					748

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

42313 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) AUG (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
58/ 57								•										1	1		
56/ 55						.5	.3											5	7		
54/ 53					.2	.7												5	6		
52/ 51			.3	.7	.3	.2												9	9		
50/ 49			.3	1.3		.8												15	24		
48/ 47		.2	1.7	2.0	1.2	.8												35	41	3	
46/ 45	.3	3.6	8.6	3.5	4.1	.5												125	152	22	4
44/ 43	.2	4.1	9.6	3.2	2.1													115	138	59	8
42/ 41	2.7	11.6	5.6	2.7	2.7													148	176	103	31
40/ 39	1.5	6.0	3.0	1.2	.2													68	76	168	84
38/ 37	1.8	4.0	1.5	.2	.3													47	48	124	93
36/ 35	.2	2.0	.8															18	22	81	94
34/ 33	.3	.5	.5															8	9	30	82
32/ 31		.3	.3															4	4	7	61
30/ 29																				6	31
28/ 27																					48
26/ 25																					25
24/ 23																					37
22/ 21																					2
18/ 17																					1
16/ 15																					2
TOTAL	6.5	32.3	32.3	13.9	13.9	3.5	.3	.3										603	713	603	603

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.	3387666	442.6	73.3	15.465	603							
Dry Bulb	1316169	30499	42.8	4.029	713		.5					93
Wet Bulb	923206	23516	39.0	3.189	603		2.3					93
Dew Point	715460	20538	34.1	5.186	603		31.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[23231] SONORESTROM GL 74-82 AUG
STATION STATION NAME YEARS MONTH

 ~~2300-0500~~ Hours (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
58/ 57							.2											1	1		
56/ 55						.5	.5											6	6		
54/ 53			.2		.2	.7												6	6		
52/ 51				.7	.2	.2												6	10		
50/ 49			.2	.5		.5												7	10	1	
48/ 47			.2	1.2	.5	.2												12	18		
46/ 45	.7	3.4	2.9	2.4	2.4	.2												70	80	19	4
44/ 43	.7	4.3	7.1	4.0	.7	.2												99	126	40	9
42/ 41	1.3	12.6	3.2	3.5	2.9													140	171	63	27
40/ 39	2.7	10.5	2.4	.8	.5													100	121	152	80
38/ 37	3.4	4.2	2.2	1.2														64	69	130	77
36/ 35	1.2	6.1	1.7															48	52	90	34
34/ 33	.5	2.2	.7															19	21	64	86
32/ 31	.5	1.3	.3															13	14	23	46
30/ 29			.2															1	1	7	47
28/ 27		.2																1	1	4	53
26/ 25																					26
24/ 23																					27
22/ 21																					12
20/ 19																					3
18/ 17																					1
16/ 15																					1
TOTAL	10.9	44.2	20.6	14.2	7.3	2.4	.7											593	706	593	593

Element (X)	Σ_X'	Σ_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.	366877	45621	76.9	16.146	593							
Dry Bulb	1208787	29056	81.2	4.287	706		2.1					93
Wet Bulb	862171	22517	38.0	3.980	593		5.3					93
Dew Point	689336	19968	33.7	5.352	593		33.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | SONDRESTROM GL STATION NAME | 74-80 YEARS | AUG 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
[illegible] / 65								.2										1	1		
[illegible] / 61								.2										1	1		
[illegible] / 59							.7	.2										3	3		
[illegible] / 57						.5		.2										4	4		
56 / 55					.5	.5	.8	.2										12	13		
[illegible] / 53				.3	.3	.2	.2											6	6		
52 / 51				.2	1.5	.3	.3											15	18		
[illegible] / 49			.7	1.6	.2	1.6												25	36	2	
48 / 47		.7	1.5	1.8	2.1	1.7												43	49	14	
[illegible] / 45	.3	4.6	1.2	3.1	3.8	.2												135	151	34	5
44 / 43	1.7	6.1	6.7	3.1	1.7													109	128	78	19
42 / 41	2.9	1.8	2.8	3.4	1.7													128	155	131	41
[illegible] / 39	1.1	6.1	1.8	.5														58	75	152	120
36 / 37	1.6	1.5	1.3	.3														29	33	95	94
[illegible] / 35	.2	2.8	.2															19	19	56	79
34 / 33	.2	.8	1.1															13	14	20	57
[illegible] / 31	.5	.7																7	9	14	36
[illegible] / 29		.3	.2															3	3	3	45
[illegible] / 27																				2	47
[illegible] / 25																				1	39
[illegible] / 23																					20
[illegible] / 21																					6
[illegible] / 19																					3
TOTAL	7.0	34.2	26.4	14.4	1.3	4.4	1.6	.8											718		611
																		611		611	

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.	3468713	44819	73.4	17.229	611							
Dry Bulb	1368283	31151	43.4	4.837	718		1.6					93
Wet Bulb	970186	24248	39.7	3.595	611		3.7					93
Dew Point	751465	21173	34.7	5.395	611		29.8					93

USAFETAC FORM AM 94 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION SONDRESTROM GL STATION NAME 74-82 YEARS AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
86/ 65										.2								1	1		
84/ 63							.5	.2										5	5		
82/ 61						.2	.8	.2	.3									12	15		
80/ 59					.2	1.0	1.3	.7	.2									20	25		
78/ 57				.2	1.3	1.9	1.5	1.1										31	42		
76/ 55				1.1	1.6	2.1	1.3	.2										38	43		
74/ 53			.2	1.6	3.3	2.1	1.1											51	60		
72/ 51		.2	1.2	2.5	4.4	2.2	.2											62	70	6	
70/ 49			2.5	5.7	2.6	2.1												79	94	76	
68/ 47		1.2	3.2	3.3	2.2	1.3												70	84	65	1
66/ 45	.5	4.6	9.5	2.5	2.3	.3												120	130	119	14
64/ 43	.8	3.9	3.2	.5	1.1	.2												53	70	138	49
62/ 41	1.6	3.4	.7	1.2	.2													42	48	134	64
60/ 39		.5	.5	.7														10	13	60	119
58/ 37	.2	.3	.3															5	8	75	89
56/ 35		.3	.2															3	3	16	60
54/ 33	.2		.2															2	2	9	51
52/ 31			.2															1	1	1	41
50/ 29																					49
48/ 27																				1	29
46/ 25																					34
44/ 23																					6
42/ 21																					4
TOTAL	3.3	14.3	22.2	19.7	19.0	12.1	6.7	3.0	.5	.2									718		610
																		610		610	

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.	26099817	38461	63.1	17.421	610							
Dry Bulb	17482202	35112	89.2	5.618	718							
Wet Bulb	11487863	26371	83.2	3.582	610		.1					93
Dew Point	8017885	21965	36.0	5.278	610		.3					93
							28.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

42313 — STATION
SONDRESTROM GL — STATION NAME
74-82 — YEARS
AUG — MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
66/ 65								.4	.8	.3								11	13		
64/ 63						.8	2.2	3.4	1.8									51	60		
62/ 61					1.1	1.7	3.0	1.1	1.4									48	53		
60/ 59				.2	1.1	1.6	4.3	1.9										57	76		
58/ 57				.2	2.2	2.4	2.7	.3										49	62		
56/ 55			.2	.8	3.8	2.9	1.4	.2										58	74		
54/ 53			.2	2.2	3.4	2.9	1.1											61	68	14	
52/ 51			.8	3.2	3.7	1.8	.2	.2										61	66	38	
50/ 49		.2	3.7	3.8	1.1	1.8	.2											63	71	82	1
48/ 47		.6	3.4	1.6	1.4	.6												48	55	119	2
46/ 45	.3	2.4	7.4	1.4	1.4	.2												82	89	140	25
44/ 43		1.3	.5	.6	.2													14	18	100	45
42/ 41	.5	1.3	.5	.2														15	18	74	64
40/ 39		.2	.3															3	4	37	115
38/ 37	.2																	1	1	14	79
36/ 35		.3	.2															3	3	5	75
34/ 33																				1	60
32/ 31																				1	44
30/ 29																					55
28/ 27																					42
26/ 25																					12
24/ 23																					3
22/ 21																					1
20/ 19																					1
18/ 17																					1
TOTAL	1.2	5.9	16.3	14.2	19.5	15.8	15.2	7.7	4.0	.3									731		625
																		625		625	

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	≥ 88 F	≥ 93 F	Total
Rel. Hum.	2037044	39158	54.7	16.516	625							
Dry Bulb	2128613	39173	53.6	6.346	731							93
Wet Bulb	1302213	28433	45.5	3.737	625		.1					93
Dew Point	838030	22658	36.3	5.160	625		23.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

42313 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) AUG (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
68/ 67								.2											2	4		
66/ 65							.2	.8	1.6	1.1									23	27		
64/ 63					.2	1.0	3.4	4.5	1.1										63	72		
62/ 61					.6	1.5	1.9	2.4	.6										44	59		
60/ 59				.2	.8	1.5	4.4	1.5											51	61		
58/ 57				.8	1.9	2.6	4.2	.2											60	67		
56/ 55				.8	4.7	2.8	1.1												58	75	2	
54/ 53				1.3	3.2	1.6	1.1												49	54	16	
52/ 51			.3	2.9	1.9	1.5	.6												45	54	51	
50/ 49		.2	3.4	4.7	1.6	2.1													74	77	81	1
48/ 47	.2	1.1	3.1	1.9	1.1	.3													48	54	131	5
46/ 45	.5	1.1	5.4	1.2	1.9														61	66	127	20
44/ 43		1.8	.8																16	19	82	38
42/ 41	.3	1.6	.2	.6															17	20	80	74
40/ 39		.3	.2																3	3	33	124
38/ 37		.3																	2	2	9	64
36/ 35																					4	81
34/ 33																						59
32/ 31																						50
30/ 29																						53
28/ 27																						42
26/ 25																						6
24/ 23																						1
22/ 21																						1
TOTAL	1.0	6.5	13.3	14.9	19.2	14.8	17.0	9.7	3.4	1.1									616	714	616	616

Element (X)	$\Sigma_{X'}$	Σ_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.	1959278	33210	53.9	16.570	616							
Dry Bulb	2137867	38785	54.3	6.598	714			.5				93
Wet Bulb	1306190	28272	45.9	3.743	616							93
Dew Point	835163	22479	36.5	8.916	616		22.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4231 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) AUG (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
68/ 65																			2		
64/ 63						.2	.3	.0	.6									12	13		
62/ 61						.5	1.3	1.	.8									22	28		
60/ 59					.6	1.3	1.9	1.2										35	45		
58/ 57				.2	.6	1.0	2.1	.6										34	41		
56/ 55			.2	.5	3.7	3.4	1.8	.2										60	79		
54/ 53				2.7	3.4	2.0	1.1											62	82	1	
52/ 51			1.3	3.2	4.4	2.7	.3											74	84	12	
50/ 49			2.3	4.5	2.7	1.5												68	73	33	
48/ 47		.8	4.4	4.2	2.1	.9												76	84	99	1
46/ 45	.8	3.5	6.8	2.6	2.3	.2												100	109	150	20
44/ 43		1.9	2.1	1.5	.3													36	42	129	29
42/ 41	.6	3.4	.6	.3														31	35	103	64
40/ 39		.5	.2	.2														5	6	59	125
38/ 37		.2	.2															2	2	25	81
36/ 35	.2	.2	.2															3	3	6	69
34/ 33																				3	67
32/ 31																					56
30/ 29																					45
28/ 27																					48
26/ 25																					12
24/ 21																					3
TOTAL	1.6	11.5	18.1	19.8	20.	15.3	8.7	4.4	1.5									620	728		620
																				620	

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.	2369453	36899	59.5	16.738	620							
Dry Bulb	1917333	37131	51.1	5.685	728							93
Wet Bulb	1208970	27298	44.1	3.363	620							93
Dew Point	819885	22343	36.0	4.875	620		24.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

(231) SONDRESTROM GL 74-82 AUG
STATION STATION NAME YEARS 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
60/ 59																			1		
58/ 57					.2	.3	.2	.2										5	7		
56/ 55				.2	.5	.2	.8											10	14		
54/ 53			.3	1.0	2.5	1.0	.5											32	36		
52/ 51			1.1	3.6	2.1	1.7	.7											55	63	1	
50/ 49		.2	1.7	5.1	2.1	1.5												63	66	3	
48/ 47		1.8	3.6	4.1	3.3	.8												83	97	23	1
46/ 45	.2	4.5	11.2	5.5	2.6	.7												149	172	74	5
44/ 43		5.1	6.2	3.0	.2													85	94	112	22
42/ 41	1.5	5.5	4.3	.8	.7													77	91	167	40
40/ 39	.2	1.7	1.0	.5	.2													21	22	119	101
38/ 37	.6	1.0	.7															15	16	67	99
36/ 35	.2	.5	.3															6	6	24	111
34/ 33		.2	.2															2	2	10	65
32/ 31			.2															1	1	3	49
30/ 29		.2																1	1	1	38
28/ 27																				1	37
26/ 25																					22
24/ 23																					12
22/ 21																					2
20/ 19																					1
TOTAL	2.3	2.1	3.3	3.0	4.2	3.6	1.4	.8	6.1	2.1	.2							605	709	605	605

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.	2936501	41127	68.0	15.265	605							
Dry Bulb	1526549	32789	46.2	8.428	709		.3					93
Wet Bulb	1040558	25014	41.3	7.281	605		.8					93
Dew Point	769061	21363	35.3	8.936	605		28.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4231? SONDRESTROM GL 74-82 AUG
STATION STATION NAME YEARS MONTH

 ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
68/ 67								•										2	4		
66/ 65							•	•	•	•								35	43		
64/ 63					•	•	•	1.3	•									132	151		
62/ 61					•	•	•	•	•									127	156		
60/ 59				•	•	•	1.6	•	•									166	211		
58/ 57				•	•	1.1	1.4	•										185	225		
56/ 55			•	•	1.0	1.6	1.0	•										247	311	2	
54/ 53			•	1.2	2.1	1.5	•											272	318	31	
52/ 51		•	.6	2.1	2.3	1.3	.3	•										327	374	108	
50/ 49		.1	1.8	3.4	1.3	1.5	•											394	471	238	2
48/ 47	•	.8	2.7	2.5	1.7	.7												415	482	454	10
46/ 45	.5	3.5	7.7	2.7	2.6	.3												842	949	685	97
44/ 43	.3	3.5	4.4	2.1	.7	.1												532	635	738	219
42/ 41	1.4	6.2	2.2	1.5	.9													598	713	855	405
40/ 39	.6	3.2	1.1	.5	.1													268	320	780	868
38/ 37	1.	1.4	.1	.2	.1													165	179	489	676
36/ 35	.3	1.5	.3															100	108	282	663
34/ 33	.1	.4	.3															44	48	146	527
32/ 31	.1	.3	.1															26	29	49	383
30/ 29		.1	.1															5	5	17	360
28/ 27		.1																1	1	8	346
26/ 25																				1	176
24/ 23																					105
22/ 21																					29
20/ 19																					10
18/ 17																					4
16/ 15																					3
TOTAL	4.3	28.8	22.4	16.8	15.7	9.4	6.6	3.3	1.2	.7									5733		4883
																		4883		4883	

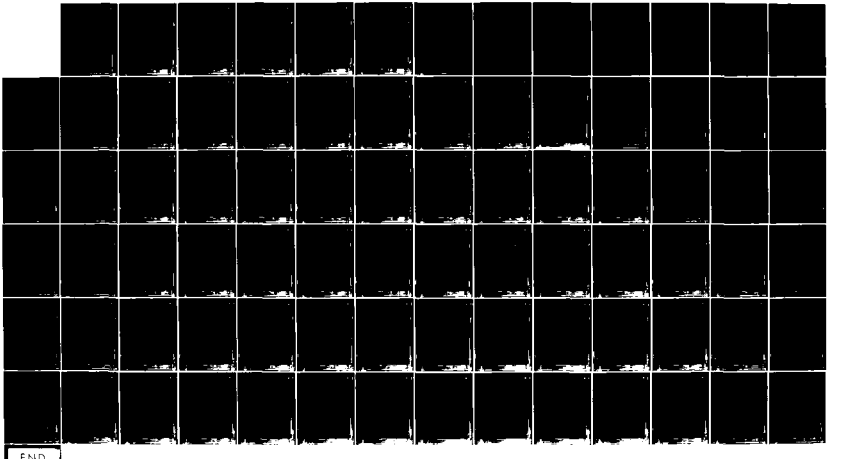
Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	22432549	318521	65.2	18.413	4887							
Dry Bulb	13351796	273696	47.7	7.115	5733		4.5	.5				744
Wet Bulb	8761291	205669	42.1	4.495	4883		11.4					744
Dew Point	6226285	172487	35.3	5.226	4883		215.7					744

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

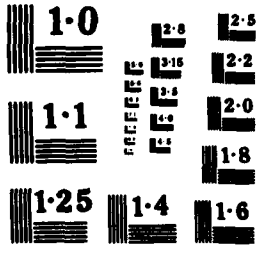
AD-A146 919 SONDRESTROM AB GREENLAND REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSER..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. JUL 84

5/5

UNCLASSIFIED USAFETAC/DS 84/021 SBI AD-E850 745 F/G 4/2 NL



END
DATE FILMED
12 84


1·0
1·1
1·25
1·4
1·6
1·8
2·0
2·2
2·5

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] STATION | SONDRESTROM GL STATION NAME | 74-82 YEARS | SEP 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
[redacted]/ 55				.2	.4													3	3		
[redacted]/ 53			.2	.4														3	4		
[redacted]/ 51			.4	1.1														8	9		
[redacted]/ 49			.4	.9		.4												9	10	2	
[redacted]/ 47		.2	.5	.5	.2													8	11	6	
[redacted]/ 45		.2	1.1	1.1	.4	1.3												22	23	16	
[redacted]/ 43		.7	1.4	2.2	.9	.5	.2											33	39	6	3
[redacted]/ 41	1.1	1.6	2.3	.7	2.1													43	56	23	13
[redacted]/ 39	.4	1.6	2.9	1.8	.2													38	48	21	28
[redacted]/ 37	.7	3.6	2.5	1.1	1.4													52	61	39	14
[redacted]/ 35	.9	6.3	2.7	1.1	1.1													63	84	75	24
[redacted]/ 33	1.3	5.9	3.8	.4	.2													64	74	93	42
[redacted]/ 31	1.6	4.9	2.2															48	63	62	55
[redacted]/ 29	1.1	5.1	1.8	.5														47	56	56	60
[redacted]/ 27	4.3	5.2	1.3	.7														64	76	67	88
[redacted]/ 25	.7	.4	1.3															13	18	37	43
[redacted]/ 23	.2	1.1	1.1	.9														18	21	9	52
[redacted]/ 21	.5	1.4	.2															12	14	17	31
[redacted]/ 19	.9	.5																6	6	19	29
[redacted]/ 17																				6	10
[redacted]/ 15		.4																2	2	2	16
[redacted]/ 13																			1		16
[redacted]/ 11																					8
[redacted]/ 9																					13
[redacted]/ 7																					3
[redacted]/ 5																					5
[redacted]/ 3																					2
[redacted]/ 1																					4
TOTAL	13.3	39.0	25.2	13.5	6.7	2.2	.2											556	675	556	556

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.	320[redacted]389	[redacted]11[redacted]3	73.9	17.282	556							
Dry Bulb	862195	23655	35.1	7.220	675		33.7					90
Wet Bulb	596141	17869	32.1	6.276	556		88.5					90
Dew Point	437017	18899	26.8	8.252	556		68.9					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

(0231) STATION | SONDRESTROM GL STATION NAME | 74-82 YEARS | SEP MONTH

 0300-0500C 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					.4													2	4		
56/ 55				.2	.4													3	4		
54/ 53				.4														2	2		
52/ 51				.5	.2													4	4		
50/ 49			.5	1.0		.2												14	14	3	
48/ 47			.4	.4	.4	.2												7	7	4	
46/ 45		.2	.5	.9	.4	.7												15	15	15	
44/ 43		.0	.5	.5		.5												14	23	7	1
42/ 41		2.0	1.6	.7	2.3	.2												43	51	17	7
40/ 39	.4	1.1	.9	.5	.2													17	26	22	35
38/ 37	1.6	1.8	2.9	1.1	1.6													50	62	28	11
36/ 35	1.1	6.6	2.7	1.1	.4													66	80	44	23
34/ 33	2.1	4.6	3.0	1.2	.5													65	82	100	32
32/ 31	1.2	6.4	2.1	1.2	.2													63	80	66	47
30/ 29	2.1	6.4	1.4	.5														59	64	62	66
28/ 27	4.3	6.8	1.8	.4	.2													75	90	78	92
26/ 25	.7	.9	.9	.4														16	20	48	35
24/ 23	.7	.9	1.2	.2														17	20	19	52
22/ 21	.9	1.4	.4															15	15	16	31
20/ 19	.2	.9	.4															8	9	18	28
18/ 17	.2																	1	2	7	21
16/ 15	.2	.5																4	4	5	21
14/ 13		.2																1	3	2	15
12/ 11																					7
10/ 9																					19
8/ 7																					5
6/ 5																					6
4/ 3																					3
2/ 1																					1
0/ -1																					2
-2/ -3																					1
TOTAL	15.7	42.4	21.2	11.9	7.7	1.8												561	681	561	561

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.	3335414	42172	75.0	17.940	561							
Dry Bulb	819037	23098	33.9	7.229	681		90.8					90
Wet Bulb	568529	17491	31.2	6.435	561		51.5					90
Dew Point	419148	14578	26.0	8.986	561	.5	72.5					90

USAFETAC FORM 0-26-5 (OL A) 82 04 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | SONDRESTROM GL STATION NAME | 74-82 YEARS | SEP MONTH

PAGE 1 ~~0630-0800~~ HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible]/ 57					.2													1	1		
56/ 55				.2	.5													4	6		
[illegible]/ 53				.2		.4												3	4		
52/ 51				.5	.2	.2												6	5		
[illegible]/ 49			.4	1.4	.5	.2												14	15	2	
[illegible]/ 47			.1	.5	.2	.4												12	12	5	
46/ 45			1.1	.7	.4	.2	.2											14	14	13	1
44/ 43		.7	.5	.5		.2												11	16	16	1
42/ 41	.7	1.4	1.9	.5	2.6	1.1												47	57	19	6
40/ 39	.2	1.4	1.8	.7	.7	.4												29	39	13	33
38/ 37	2.3	3.5	3.9	1.2	1.1													68	79	78	13
36/ 35	1.1	4.0	1.6	1.6	.7	.2												52	60	57	28
[illegible]/ 33	1.6	4.2	1.4	1.4	.2													50	66	88	37
[illegible]/ 31	1.6	7.2	1.8	1.6	.4													71	94	61	47
[illegible]/ 29	2.1	3.9	2.1	1.2	.4													55	67	66	69
26/ 27	4.7	6.5	.7	.5														67	75	70	77
[illegible]/ 25	.7	2.3	.7	.5														24	28	49	39
24/ 23	.7	.9	.2															10	17	25	35
[illegible]/ 21	.9	1.2	.4															14	15	19	32
[illegible]/ 19	.2	1.2	.5															11	11	9	33
[illegible]/ 17	.2																	1	3	13	31
16/ 15	.4	.4																4	8	5	31
[illegible]/ 13		.5																3	4	4	10
[illegible]/ 11																				1	8
[illegible]/ 9																					15
8/ 7																					8
6/ 5																					7
4/ 3																					3
[illegible]/ 1																					3
[illegible]/ -1																					3
TOTAL	16.5	39.3	19.8	13.3	7.9	3.0	.2												592		570
																		570		570	

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.	7312212	2796	73.9	18.903	570							
Dry Bulb	841886	23588	38.1	7.828	692		81.4					90
Wet Bulb	582776	17832	31.3	6.617	570		50.4					90
Dew Point	422258	18680	25.8	8.812	570	.5	71.2					90

FORM AF 94 0-26-5 (OL A) USAFETAC REVISES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72713 STATION | SONDRESTROM GL STATION NAME | 74-82 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 59						.2	.2											2	2		
58/ 57					.2		.2											2	2		
56/ 55					.2	.4	.2											5	6		
54/ 53			.2	.5	.2	.5	.2											9	9		
52/ 51				.4	.5	.5	.2											9	13		
50/ 49			.5	1.8	1.1	.4	.7											25	30	3	
48/ 47		.2	.9	1.1	1.1	.5	.4											23	24	8	
46/ 45		.4	3.6	2.7	2.7	1.4	.9											65	70	22	1
44/ 43		1.3	1.6	1.4	1.6	1.1												39	52	26	3
42/ 41	.2	2.5	1.8	2.0	1.4	1.3												51	68	41	8
40/ 39		1.3	3.6	1.6	1.4	.2												45	59	41	38
38/ 37	1.8	2.5	2.7	1.4	.7	.4												53	62	54	27
36/ 35	.5	4.2	2.2	1.6	1.3													54	74	82	29
34/ 33	.9	3.1	4.0	1.3	.5													54	64	81	50
32/ 31	1.1	2.3	2.3	.9	1.1													43	55	50	55
30/ 29	.5	1.4	.9	.2														17	20	45	43
28/ 27	1.8	2.3	1.3	.7														34	38	43	80
26/ 25	.5	.7	.5	.2														11	17	25	29
24/ 23		.9	.2	.2														7	11	15	43
22/ 21		.2																1	1	9	26
[illegible] / 19		.2	.2															2	2	3	25
18/ 17	.2	.4																3	3	4	34
16/ 15																				2	13
[illegible] / 13																					20
12/ 11																					8
[illegible] / 9																					5
[illegible] / 7																					5
[illegible] / 5																					5
[illegible] / 3																					3
[illegible] / 1																					2
[illegible] / -1																					2
TOTAL	7.6	23.8	26.5	18.1	14.3	6.9	2.9												681		554
																		554		554	

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.	2629522	366245	66.1	19.411	554							
Dry Bulb	1740299	261335	38.4	7.422	681		19.7					90
Wet Bulb	675793	191735	34.4	6.274	554		31.8					90
Dew Point	489549	150318	27.1	8.642	554	.3	69.7					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

42311 SONDRESTROM GL 74-82 SEP
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
62/ 61								•										2	2		
60/ 59						.5	.7											7	7		
58/ 57					1.0	.7	.5	.3										15	15		
56/ 55			.2	.5	.5	1.7	.7											21	22		
54/ 53				.7	1.2	.9	1.7											24	24		
52/ 51			.2	.5	.9	.9	.7											18	23	1	
50/ 49			.5	1.6	.7	1.6	2.3	.2										39	49	12	
48/ 47			.9	3.0	1.7	1.9	1.2											50	60	18	1
46/ 45		.3	2.8	2.6	2.8	2.8	.3											67	72	35	
44/ 43		1.2	1.9	3.1	1.9	.9												51	61	47	4
42/ 41	.7	1.7	3.1	2.3	1.7	1.9	.2											67	81	53	10
40/ 39	.2	2.6	2.8	1.9	1.9	.5												57	79	61	43
38/ 37	.3	1.7	3.5	2.1	1.2	.3												53	60	91	30
36/ 35	.2	1.6	1.9	2.3	.2	.2												36	41	66	39
34/ 33	.3	.7	1.6	.3	.2													18	30	64	57
32/ 31	.7	1.2	.7	.2	.2													16	29	56	45
30/ 29	.7	.5	.7	.5	.2													15	17	28	54
28/ 27	.9	.5	1.2															14	17	19	83
26/ 25		.5	.2															4	4	14	31
24/ 23		.2	.2															2	3	8	51
22/ 21																				2	34
20/ 19																				1	23
18/ 17																					19
16/ 15																					10
14/ 13																					18
12/ 11																					5
10/ 9																					8
8/ 7																					3
6/ 5																					6
4/ 3																					2
TOTAL	4.0	12.7	22.0	21.0	16.3	14.8	8.7	.9										576	696	576	576

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.	2189538	338412	58.7	8.860	576							
Dry Bulb	1291886	29534	42.8	7.857	696		9.1					93
Wet Bulb	811915	21361	37.1	5.858	576		20.0					90
Dew Point	493388	16186	28.1	8.188	576		61.2					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | SONDRESTROM GL STATION NAME | 74-82 YEARS | [illegible] MONTH

PAGE 1 | 15 0-17[illegible] 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
[illegible] 61							•5										1	2		
[illegible] 59					•2	•4	1.1	•7									[illegible]	10		
[illegible] 57					•4	•9	•7	•4									1[illegible]	1[illegible]		
56/ 55				•7	1.2	1.8	1.4	•9									34	37		
[illegible] 53				•7	•7	1.1	2.1										[illegible]	[illegible]		
[illegible] 51				•5	•7	1.4	•9										[illegible]	[illegible]	[illegible]	
50/ 49			•5	1.2	•7	1.4	1.4										[illegible]	45	[illegible]	
[illegible] 47			•9	2.7	2.5	1.4	•2	•4									4[illegible]	53	[illegible]	
46/ 45			3.7	2.5	3.7	2.5	•2										[illegible]	63	7[illegible]	1
44/ 43		•7	2.7	4.5	2.[illegible]	•7	•2										[illegible]	57	48	2
42/ 41	1.8	1.6	3.2	3.7	2.1	1.8	•2										[illegible]	23	45	5
40/ 39		2.3	2.3	1.4	•7	•4											[illegible]	50	43	44
38/ 37	•7	1.4	1.8	•9	•9	•2											23	28	26	28
36/ 35	•4	1.1	1.8	1.1	•4												2[illegible]	35	38	47
34/ 33	1.6	•5	2.[illegible]	•4	•2												[illegible]	41	57	61
32/ 31	•2	•5	•7	1.1													14	18	33	49
30/ 29	•7	1.6	•9														[illegible]	24	24	56
28/ 27	•5	•9	•4														12	[illegible]	22	80
26/ 25																			13	33
24/ 23																			2	48
22/ 21																				[illegible]
20/ 19																				[illegible]
18/ 17																				14
16/ 15																				[illegible]
14/ 13																				[illegible]
12/ 11																				8
10/ 9																				[illegible]
8/ 7																				3
6/ 5																				4
TOTAL	5.9	13.7	20.9	21.4	16.4	13.9	8.9	1.0									[illegible]	[illegible]		56
																	[illegible]		560	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.
Rel. Hum.	2155398	331[illegible]	59.1	18.843	560
Dry Bulb	1318711	29617	43.2	7.471	685
Wet Bulb	819413	21193	37.8	5.575	561
Dew Point	505690	16292	29.1	7.532	560

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
		7.[illegible]					9[illegible]
		14.[illegible]					2[illegible]
		58.8					9[illegible]

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

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION [illegible] STATION NAME 74-82 YEARS SEP MONTH

PAGE 1 [illegible] 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	2		
/					•	•	•											7	7		
/						•												6	7		
/				1	•	•	•											17	18		
/				•	•	•	•											13	16	1	
/			•	2	1	7	1	•	2									25	30	4	
/			•	•	1	•	•	•										27	30	18	
/		•	4	3	3	4	3	3	1									70	82	13	
/			•	1	1	7	1	1										40	52	29	3
/		2	5	2	3	6	2	3	•	7								66	80	57	8
/			•	3	5	2	•	•										56	72	55	46
/		7	1	4	1	3	•	3										56	67	70	24
/		•	6	1	1	5	•											40	52	73	30
/		7	3	3	1	5	•	4										39	51	61	47
/		•	1	1	2	•	•											37	58	57	72
/		•	1	1	4	5	•	2										24	23	37	66
/		1	3	•	2	5												25	29	28	75
/			7	4	•	2												7	12	27	37
/			•															2	2	10	54
/		4																2	3	8	28
/		•																1	1	1	25
/																					17
/																					15
/																					5
/																					6
/																					7
/																					4
/																					4
/																					1
TOTAL	7	19	22	24	24	31	13	7	9	2	1	1		•					694		569
																		569		569	

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.	[illegible]	17123	45.2	18.34	569							
Dry Bulb	1102214	27573	39.7	7.287	694		16.6					9
Wet Bulb	777114	20213	35.5	5.33	569		26.6					9
Dew Point	489350	16138	28.3	7.727	563		64.9					9

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

USAFETAC

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS 74-80 MONTH SEP

PAGE 1 HOURS (L. S. T.) 21 thru 23

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	2		
/																		3	3		
/																		6	6		
/																		6	10	1	
/																		9	15	3	
/																		13	17	2	
/																		27	40	13	2
/																		38	44	10	7
/																		55	72	34	9
/																		46	57	40	53
/																		77	83	62	18
/																		56	55	86	46
/																		60	67	81	54
/																		42	69	61	52
/																		1	37	50	5
/																		13	47	44	7
/																		9	17	23	3
/																		1	14	9	45
/																		9	19	13	33
/																		4	4	16	22
/																			2	1	1
/																					18
/																					15
/																					8
/																					4
/																					7
/																					8
/																					3
TOTAL	1.6	2.9	3.1	7.8	4.7	5.5	3.3	.9											565		561
																		562		561	

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.	2,648[illegible]67	4,333	71.9	17.173	56[illegible]							
Dry Bulb	561317	25223	76.[illegible]	8.699	685		24.4					23
Wet Bulb	554729	19863	33.5	6.48	567		34.9					95
Dew Point	473972	15682	28.1	7.073	561		63.5					95

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

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION [illegible] SOMERSTROM GL STATION NAME [illegible] YEARS [illegible] MONTH

PAGE [illegible] HOURS [illegible] 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 6 27 28 29 30 ≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/					
/					
/					

...L CLIMATOLOGY BRANCH
...
...WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

...
STATION

...CONGRESTON, CL
STATION NAME

74-82
YEARS

SEP
MONTH

PAGE ...
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
TAL	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	548[illegible]	...	4[illegible]
																		45[illegible]		45[illegible]	

Element (X)	$\Sigma_{X'}$	Σ_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.	22[illegible]45	376267	6[illegible]	10.764	45[illegible]							
Dry Bulb	267545	2[illegible]	38.[illegible]	8.31	548[illegible]		192.4					7[illegible]
Wet Bulb	44464[illegible]	15[illegible]44	34.1	6.779	45[illegible]		274.[illegible]					7[illegible]
Dew Point	269[illegible]2	123454	27.4	8.278	4517	1.3	526.7					72[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION [illegible] STATION NAME [illegible] YEARS 74-82 MONTH OCT

PAGE [illegible] 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	TOT/ D.B./	TOTAL Bulb	Wet Bulb	Dew Point
/ 90								•	•										2		
[illegible] 85								•											11		
/ 80					•														2		
/ 75				•															2		
/ 70				•															1		
65 / 65			•4	•2		•1													7	7	0	
/ 60			•2	•7	•1	•5													13	13	4	
/ 55		•2		•6	1•7	•7													24	21	7	
/ 50			•5	•5															9	12	5	
45 / 45		•2	1•2	1•3	•2														17	24	6	4
/ 40			•5	•4	•7	•4													17	15	21	9
35 / 35	•4	•2	•7	•3	•4														17	19	26	2
/ 30	•5	2•2	•3	•7															24	39	23	8
/ 25	1•5	2•6	1•8	1•3															32	48	36	12
/ 20	4•7	6•4	2•4	•5															16	73	54	37
/ 15	1•1	2•9	1•1																32	36	46	29
/ 10	1•1	•9	2•1																50	64	79	38
/ 5	4•1	1•5	2•1																43	49	59	38
/ 0	2•	3•3	1•1																35	41	73	43
/ -5	1•3	2•4	•4																22	27	42	45
/ -10	2•1	1•3	•4																23	35	31	32
/ -15	1•3	2•0																	23	29	23	37
/ -20	2•4	•7	•7																18	24	23	29
/ -25	2•4	1•6																	22	31	21	45
/ -30	•2	•4																	10	18	12	26
/ -35	•2																		4	15	6	31
/ -40	•0																		5	17	5	13
/ -45	1•0																		2	13	6	9
/ -50	2•																		10	16	14	12
/ -55	1•5	•2																	9	9	9	11
/ -60	•7																		4	6	4	6
/ -65																				1		1
/ -70																						5
/ -75																						1

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

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

2

...AL CLIMATOLOGY BRANCH
...ETAC
...ATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION ...UNDERSTROM GL (STATION NAME) 74-80 (YEARS) OCT (MONTH)

PAGE ? 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
/- '																					1
' '	'	.0	34	.1	17	.2	7	.8	3	.1	2	.0			.4	.7			698		551
																		551		551	

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	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3336572	41732	75.7	17.98	551							
Dry Bulb	445817	15588	22.3	11.81	698	4.4	77.7					93
Wet Bulb	305562	11742	21.3	10.30	551	4.6	81.5					93
Dew Point	195691	8773	15.9	10.08	551	7.8	90.8					93

USAFETAC ... 0 26 5 (OL-A) ...

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | SONDRESTROM GL STATION NAME | 74-82 YEARS | OCT MONTH

PAGE 1 | 0700-05 C 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
[illegible]																		2	2		
-4/ 5						.2	.2											2	2		
[illegible]					.1													1	1		
0/ 2			.4	.3		.2												6	7	1	
1/ 4			.7	.2	.5	.7												14	14	1	
2/ 6		.4	.7	.7	1.4	.5												21	23	7	
3/ 7		1.1	.7	.4	.2													13	17	7	
4/ 8		.4	.7	.7														10	11	6	2
5/ 9	.2	.7																5	8	22	8
6/ 10	.4	1.6	1.3	.4	.2													21	26	28	6
7/ 11	.8	1.1	.4	1.1	.2													17	29	22	11
8/ 12	1.1	2.5	1.1	1.1														32	37	21	23
9/ 13	4.5	6.8	1.4	.2														72	76	59	33
10/ 14	2.5	2.2	1.1															32	40	50	35
11/ 15	.2	5.2	2.5															48	57	26	41
12/ 16	4.1	2.5	2.2															47	54	56	33
13/ 17	2.2	1.8	.2															38	41	42	31
14/ 18	1.6	2.5	.7															27	36	37	39
15/ 19	2.2	.2	.2															29	40	42	48
16/ 20	1.3	1.8	.2															18	28	24	45
17/ 21	.7	1.1																10	17	18	29
18/ 22	3.2	1.1																28	38	24	27
19/ 23	1.4	.9																13	22	11	27
20/ 24	1.6	.5																12	23	13	32
21/ 25	.5	.2																4	9	6	17
22/ 26	1.6																	9	12	14	18
23/ 27	.2																	18	25	18	18
-4/ -3	.7																	8	4	4	14
-4/ -5	.9																	5	6	5	5
-6/ -7	.2																	1	2	1	9
-8/ -9																					6
-10/-11																					2
-12/-13																					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												

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] SONDRESTROM GL 74-8[illegible] OCT

STATION STATION NAME YEARS MONTH

PAGE [illegible] 03[illegible]-05[illegible] 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	36.[illegible]	35.5	16.6	5.6	3.2	1.[illegible]	.2	.4										555	694	555	555

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	≥ 95 F	Total
Rel. Hum.	3396781	42289	76.2	17.[illegible]%	555							
Dry Bulb	423948	15096	21.8	11.[illegible]%	694	5.1	78.1					93
Wet Bulb	297162	11534	20.8	10.18%	555	9.7	80.9					93
Dew Point	194195	8593	15.5	10.50%	555	9.6	90.3					93

USAFETAC FORM AM 94 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] STATION SONDRESTROM GL STATION NAME 74-82 YEARS OCT MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[redacted] / 59								.1										2	2		
58/ 55							.5											3	3		
[redacted] / 53							.2											1	1		
48/ 47																		1	1		
46/ 45				.4	.2	.2												4	5	2	
44/ 43			.9	.5	.2	.5												12	12	3	
42/ 41		.7	.5	.5	2.9	.5												29	31	1	
40/ 39		.5	.9	.2	.4													11	12	11	2
38/ 37		.7	.4	.9														11	14	12	3
36/ 35		1.1	.5	.2														10	13	15	3
34/ 33	.2	1.3	.7															12	13	32	6
32/ 31		.9	.7	.4														11	28	21	17
30/ 29	1.8	1.6		1.1														25	27	22	20
28/ 27	4.1	5.6	3.2	.5														75	83	36	43
26/ 25	2.2	4.3	1.3															43	52	47	25
24/ 23	1.3	4.7	2.0															48	51	52	31
22/ 21	5.0	1.6	3.2															55	61	60	39
20/ 19	2.3	3.2	.9															36	40	29	33
18/ 17	2.7	1.8	.4															27	32	56	55
16/ 15	2.0	2.3	.2															25	32	32	50
14/ 13	1.1	2.3																19	36	19	38
12/ 11	1.1	1.1	.4															14	21	13	18
[redacted] / [redacted]	3.2	1.3																25	45	25	37
[redacted] / 7	1.6	.7																13	23	16	34
6/ 5	.7	.5																7	8	7	17
4/ 3	1.1	.2																7	15	9	17
[redacted] / [redacted]	1.4	.5																11	18	9	9
[redacted] / -1	2.5																	14	17	17	23
-2/ -3	.9																	5	7	5	13
-4/ -5	.7																	4	5	4	7
-6/ -7	.5																	3	3	3	3
-8/ -9																					0
-10/-11																					4
-12/-13																					1

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

42311 SONDRESTROM GL 74-82 OCT
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-14/-15																					1
TOTAL	35	436	916	1	4	7	3	6	1	3	.	7	.	"					711		558
																		558		558	

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.	3485543	42715	76.6	17.761	558							
Dry Bulb	427[illegible]	15298	21.5	11.807	711	4.2	79.0					93
Wet Bulb	298758	11578	20.7	10.250	558	4.8	80.3					93
Dew Point	195319	8661	15.5	10.855	558	10.2	90.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[4271] STATION SONDRESTROM GL STATION NAME 74-82 YEARS OCT MONTH

 ~~0800-1100~~ 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
/ 59								•										1	1		
56/ 57							•2		•2									2	2		
54/ 55						•2	•2											2	2		
/ 49																		1	1		
48/ 47						•2												1	2	1	
46/ 45				•3	•5	•5	•2											12	14	2	
44/ 43			•2	•5	•7	•7												15	17	1	
/ 41			•7		1.2	•5												14	15	1	
40/ 39	•2	•9	1.2	1.6														22	27	12	1
38/ 37	•3	•5	•9	•5	•3													15	17	17	2
36/ 35		•7	•5	•3														9	11	22	3
34/ 33	•3	1.0	1.2	•9	•2													21	27	33	9
32/ 31	•3	3.1	•2	1.4	•2													29	45	23	19
30/ 29	1.6	2.8	1.4	1.4	•2													42	51	35	30
28/ 27	3.1	6.6	1.7	•5														68	73	49	35
26/ 25	1.4	5.4	1.7															49	53	55	39
24/ 23	•7	4.1	3.1															45	52	46	35
22/ 21	3.1	1.4	•7															29	36	55	38
/ 19	1.7	2.6	•7															29	31	36	38
18/ 17	•9	2.1	•2															18	20	31	45
16/ 15	1.9	2.1	1.2															30	41	31	44
14/ 13	1.4	2.3	•2															22	32	22	32
12/ 11	1.6	•3	•2															12	24	18	35
/ 9	2.8	1.6																25	41	19	43
8/ 7	1.1	•9																11	16	15	21
6/ 5	1.2	•5																10	18	12	25
4/ 3	•7	•3																6	9	7	9
2/ 1	•9	•3																7	11	7	12
/ -1	2.8																	16	18	18	15
-2/ -3	1.2																	7	7	7	11
-4/ -5																					18
-6/ -7	•9																	5	5	5	6
-8/ -9																					3
-10/-11																					1

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] STATION | SONDRESTROM GL STATION NAME | 74-8[illegible] YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
-14/-15																						1
-16/-17																						2
TOTAL	29	39	41	6.6	8.2	3.3	2.1	.5	.2	.2									574	718	574	574

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.	3349923	42671	74.3	17.614	574							
Dry Bulb	486647	16583	23.1	12.23	718	3.9	75.4					93
Wet Bulb	330404	12402	21.6	10.439	574	4.9	78.6					93
Dew Point	209609	9139	15.9	10.577	574	9.6	90.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

(4231) SONDRESTROM GL 74-82 463
STATION STATION NAME YEARS

PAGE

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	Dew Point
104/ 63																				
102/ 61																		1	1	
100/ 53																				
98/ 51																		4	4	
96/ 49																		5	5	
94/ 47																		2	2	1
92/ 45				.2	1.6	.7	.2	.2										23	23	
90/ 43			1.0	.9	1.0	.2												28	28	
88/ 41			.2	1.4	1.7	.2												24	27	6
86/ 39		.2	1.4	.5	.3	.5												17	22	21
84/ 37	.3	.3	1.6	.9														18	19	19
82/ 35	.2	.7	2.1	1.6	.7													30	38	34
80/ 33		1.9	1.7	2.2	.2													36	42	32
78/ 31	.9	2.2	1.7	2.2	.5													48	60	43
76/ 29	1.6	1.0	2.6	.9	.2													36	44	31
74/ 27	2.4	6.9	1.4	.2														63	70	53
72/ 25		3.3	1.6	.2														29	34	63
70/ 23	1.9	3.6	2.1	.2														45	51	40
68/ 21	1.0	2.4	.7															24		37
66/ 19	1.6	2.6	.5															27		33
64/ 17	.9	1.6	.5															17		30
62/ 15	.9	1.4	1.4															21	32	18
60/ 13	.7	2.8																20	25	21
58/ 11	.2	1.0																11	19	20
56/ 9	1.7	1.9																21	36	14
54/ 7	.3	1.0																8	12	11
52/ 5	.5	.7																7	11	9
50/ 3	.9	.2																6	8	8
48/ 1	1.6																	9	13	11
46/ -1	1.2																	3	8	3
44/ -3	1.2																	7	8	7
-42/ -5																				
-40/ -7																				
-38/ -9																				

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 75 F	≤ 80 F	≤ 90 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] SONDRESTROM GL 74-82 OCT
STATION STATION NAME YEARS MONTH

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

Temp °F	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-1																								2	
TAL		35.7	21.2	12.6	5.5	2.4	1.6	.7	.2										723		580
																		580		580	

Element (E)	Σ_E'	Σ_E	$\bar{E}$	σ_E	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Wet Bulb	3015298	40496	69.8	18.012	580							
Dry Bulb	5896[illegible]9	18697	25.9	12.122	723	2.1	66.1					93
Wet Bulb	3871[illegible]6	13708	23.6	10.125	580	2.3	74.7					93
Dew Point	2287[illegible]3	9916	17.1	10.120	580	8.3	89.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | SONDRESTROM GL STATION NAME | 74-82 YEARS | OCT 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
[illegible]									•3									2	2		
[illegible]								•1										1	1		
[illegible]								•										1	1		
[illegible]							•2											1	1		
[illegible]							•3											2	3		
[illegible]							•5											3	4		
[illegible]					•2		•3											3	5	2	
[illegible]				•5	1•2	•2	•5	•3										16	18	1	
[illegible]				•7	•7	•3	•5											13	14	2	
[illegible]			•3	•9	2•1	1•7	•3											31	36	5	
[illegible]			•2	•7	•9	1•[illegible]	•2											17	24	17	
[illegible]		•2	•9	1•7	1•3	•3												24	28	16	4
[illegible]	35	•3	•9	2•1	•5	1•												28	32	29	8
[illegible]		•2	2•1	3•1	2•1	•3												45	51	46	11
[illegible]	31	•5	2•6	1•7	1•9	•7												43	55	42	16
[illegible]	29	1•7	•7	2•9	•3	•2												34	39	45	27
[illegible]	27	2•9	4•[illegible]	1•[illegible]	•3													48	55	52	68
[illegible]	25	•9	3•3	1•6														33	37	52	20
[illegible]	23	1•6	4•3	•5	•2													38	47	41	39
[illegible]	21	1•9	4•2	1•2														42	43	40	40
[illegible]	19	1•4	1•7	•7														22	30	35	50
[illegible]	17	•7	1•9	•7														19	29	31	58
[illegible]	15	1•	1•6	•3														17	22	16	34
[illegible]	13	•7	1•9	•3														17	24	17	39
[illegible]	11	1•4	•9															13	17	21	21
[illegible]	9	2•4	•7															18	28	18	33
[illegible]	7	•3	•2															3	17	5	26
[illegible]	5	•9	1•3															11	16	6	12
[illegible]	3	1•7	•2															11	15	16	9
[illegible]		2•1	•2															13	15	13	10
[illegible]	-1	1•4																8	14	9	29
[illegible]	-3																		1		12
[illegible]	-5																				6
[illegible]	-7																				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												

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4.31[illegible] SONDRESTROM GL 74-82 OCT
STATION STATION NAME YEARS MONTH

PAGE 2 1500-17[illegible]
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/ -9																					1
/-11																					4
-1[illegible]/-13																					1
TOTAL	24	33	62[illegible]	81	1.4	5.9	1.6	1.7	.3	.3								715			577
																	577		577		

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.	3098420	40932	7[illegible].9	18.387	577							
Dry Bulb	578325	18351	25.7	12.261	715	2.[illegible]	64.6					93
Wet Bulb	386037	13759	23.8	10.030	577	1.5	74.[illegible]					93
Dew Point	232401	10041	17.[illegible]	10.[illegible]06	577	8.[illegible]	89.[illegible]					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

42314 SONDRESTROM GL 74-82 OCT
STATION STATION NAME YEARS 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
/ 59								.4	.2									3	7		
48/ 47					.2	.2	.4	.2										5	7		
46/ 45			.4	.9		.2												8	9	2	
44/ 43			.2	.9		.7												10	11	2	
42/ 41			.9	.5	.5	.4												13	19	2	
40/ 39		.2	.2	.2	.4													11	15	8	
38/ 37		.5	1.2	1.9	1.4													29	36	13	3
36/ 35	.2	.5	1.2	1.4	.4													21	26	18	
34/ 33	.2	1.4	1.3	1.8														29	34	27	9
32/ 31	.9	4.1	1.4	1.4	.4													46	57	46	19
30/ 29	.5	3.9	.9	.9														35	35	46	24
28/ 27	3.	4.1	2.3	.9														58	61	53	53
26/ 25	.5	3.5	1.4	.4														33	40	36	27
24/ 23	1.1	3.5	1.9	.4														39	48	48	38
22/ 21	3.	3.2	1.1															41	48	44	36
20/ 19	2.3	2.1	1.4															33	39	44	51
18/ 17	2.6	1.9																26	38	38	52
16/ 15	2.1	1.1	.5															21	27	29	44
14/ 13	.7	2.1	.4															18	25	17	35
12/ 11	1.4	1.9	.5															22	31	20	31
10/ 9	1.2	1.9																22	23	27	39
8/ 7	1.2	.2																8	16	13	25
6/ 5	.5	.2																4	9	5	19
4/ 3	.4	.2																3	6	2	8
2/ 1	1.6	.4																11	16	10	12
0/ -1	2.5																	14	22	16	15
-2/ -3	.4																	2	3	2	8
-4/ -5	.5																	3	5	3	13
-6/ -7																					6
-8/ -9																					3
-10/-11																					1
-12/-13																					1
-14/-15																					1
TOTAL	27.5	36.8	18.7	11.6	3.7	1.6	.2	.4	.2									568	708	568	568

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.	329177	92025	74.0	17.908	568							
Dry Bulb	493487	16749	23.7	9.729	708	3.9	72.1					93
Wet Bulb	335795	12659	22.3	9.729	568	3.8	81.2					93
Dew Point	210558	9392	16.5	9.872	568	7.7	91.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | SONDRESTROM GL STATION NAME | 74-82 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
[illegible] 59									.5									3	3		
58/ 42				.2														1	1		
48/ 47				.5	.2													4	4		
46/ 45			.4	.5		.9												10	10	1	
44/ 43			.2	.5	.4	.5												9	12	5	
42/ 41				1.3	.4	.2												10	14	4	
40/ 39			.7	.5	.5													10	14	5	
38/ 37	.2	.9	.4	.4	.7													14	18	5	3
36/ 35	.2	.9	1.3	1.3	.4													22	24	24	5
34/ 33	.4	2.1	2.3	1.1														30	33	29	6
32/ 31	.9	3.8	1.8	2.3	.2													48	68	41	22
30/ 29	2.4	2.9	2.0	1.4														41	42	51	29
28/ 27	2.3	3.6	1.6	.9														47	48	38	33
26/ 25	1.3	3.9	1.1	.2														36	42	50	30
24/ 23	.9	2.9	1.4	.4														31	39	44	30
22/ 21	3.6	3.1	1.1															43	52	40	38
20/ 19	2.9	2.5	1.4															33	38	44	55
18/ 17	3.2	2.7	.4															35	41	42	46
16/ 15	2.2	1.3	.4															21	30	27	37
14/ 13	1.1	2.3	.2															18	25	16	44
12/ 11	2.	1.8	.2															22	28	28	33
10/ 9	1.4	.7																12	22	15	36
8/ 7	1.3	.7																11	17	13	17
6/ 5	.9																	5	9	7	22
4/ 3	.7																	4	12	4	7
2/ 1	1.6	.2																10	13	14	12
0/ -1	2.9																	16	23	16	22
-2/ -3	1.4																	8	12	8	10
-4/ -5	.5																	3	7	3	4
-6/ -7																					13
-8/ -9																					2
-10/-13																					1
TOTAL	32.9	34.8	16.3	11.1	2.7	1.6			.5									557	693	557	557

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 72 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3350661	42033	75.5	17.029	557							
Dry Bulb	463761	15903	22.9	11.050	693	5.4	75.2					93
Wet Bulb	319876	12134	21.8	9.995	557	4.5	82.3					93
Dew Point	204687	9119	16.4	9.981	557	8.7	90.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4271 SONDRESTROM GL 74-82 OCT
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
64/ 63									.1									3	3		
62/ 61								.1										1	1		
60/ 59								.1	.1									12	12		
58/ 57							.1		.0									2	2		
56/ 55						.1	.1	.1										9	9		
54/ 53						.1	.1											6	6		
52/ 51					.1		.1	.1										9	12		
50/ 49				.1		.1	.1											10	13	1	
48/ 47				.1	.1	.1	.1											16	22	4	
46/ 45			.3	.3	.2	.5	.1											83	89	12	
44/ 43			.6	.6	.5	.6												105	117	18	
42/ 41		.2	.6	.9	1.4	.4												156	184	29	
40/ 39	.1	.2	1.1	.6	.4	.1												109	143	86	3
38/ 37	.1	.6	1.1	1.0	.4													138	163	94	23
36/ 35	.1	.8	1.1	.8	.4													138	168	185	42
34/ 33	.2	1.5	1.6	1.2	.2													211	245	244	60
32/ 31	.6	2.5	1.1	1.4	.3													262	381	261	134
30/ 29	1.5	2.2	1.6	1.1	.1													287	323	297	209
28/ 27	3.4	5.2	1.9	.5														497	536	394	363
26/ 25	1.3	3.6	1.7	.1														287	334	309	233
24/ 23	1.2	4.1	2.1	.1														340	409	332	286
22/ 21	3.2	2.5	1.5															328	371	301	307
20/ 19	2.2	2.5	1.1															253	292	294	352
18/ 17	1.7	2.1	.4															191	245	307	397
16/ 15	.9	1.6	.6															187	259	223	323
14/ 13	1.0	2.3	.2															155	220	155	310
12/ 11	1.4	1.1	.2															122	172	157	221
10/ 9	2.4	1.3																169	264	163	295
8/ 7	1.1	.6																77	134	93	197
6/ 5	.9	.4																60	104	65	175
4/ 3	.9	.2																46	85	58	88
2/ 1	1.5	.2																78	107	77	91
0/ -1	2.4																	107	143	115	159
-2/ -3	.9	.0																42	49	43	88

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_n	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-28-5 (OL A) REVISED PREVIOUS PORTION OF THIS FORM ARE OBSOLETE
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | SONDRESTROM GL STATION NAME | 74-8[illegible] YEARS | OCT MONTH

PAGE [illegible] | 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
-4/ -5	.0																	19	29	19	64
-6/ -7	.0																	9	12	9	54
-8/ -9																					32
-10/-11																					12
-12/-13																					4
-14/-15																					7
-16/-17																					3
TOTAL	.3	.3	.3	.2	.9	.1	.3	.2	.1	.8	.6	.4	.2						5663		4520
																		4520		4520	

Element (X)	$\Sigma_n X'$	$\Sigma_n X$	$\bar{X}$	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.	26284375	334893	74.1	18.46	4520							
Dry Bulb	2908885	132255	23.4	12.27	5663	30.6	587.7					744
Wet Bulb	2660732	99596	22.0	10.157	4520	30.5	633.2					744
Dew Point	1671172	73632	16.3	10.217	4520	69.6	722.9					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

-4271 STATION | SONDRESTROM CL STATION NAME | 74-82 YEARS | NOV MONTH

PAGE 1 ~~0600-2200~~ 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
5 / 46																			1		
44/ 45				1.3	.2													6	6		
42/ 43			.2	.8														5	5		
40/ 41			.2															1	1	1	
38/ 39			.2	.2	.2													3	5	5	
36/ 37		.6	.8	.2	.6													11	11	6	
34/ 35		.6	.4	.8	.2													10	10	4	1
32/ 33			.2	1.0														6	6	9	6
30/ 31		.4	.6	.4	.2													8	9	4	7
28/ 29	.2	.4	.4	.4														7	8	14	6
26/ 27	.8	2.2	1.2	.2														22	22	17	13
24/ 25	1.0	1.8	1.4															21	21	18	3
22/ 23	1.0	2.2	2.2															26	32	25	10
20/ 21	1.6	1.6	.6															16	22	22	19
18/ 19	1.4	2.8	.4															23	29	24	19
16/ 17	1.0	1.6	.6															16	20	23	13
14/ 15	3.4	2.4																34	45	37	20
12/ 13	2.2	3.0																26	34	33	40
10/ 11	2.0	.4	.4															14	21	17	33
8/ 9	3.0	2.6	.2															26	40	21	48
6/ 7	2.6	2.4																25	37	21	19
4/ 5	4.2	2.2																31	53	32	29
2/ 3	2.2	1.4																18	29	21	21
0/ 1	1.2	.8																9	16	18	19
0/ -1	5.6	.2																29	46	28	20
-2/ -3	2.6	.2																14	28	15	11
-4/ -5	1.6	1.0																13	21	10	14
-6/ -7	1.4																	7	9	10	21
-8/ -9	1.4																	7	16	7	16
-10/-11	2.2																	11	13	11	8
-12/-13	1.4																	7	12	7	7
-14/-15	2.6																	13	21	13	13
-16/-17	1.2																	6	9	6	13
-18/-19	2.2																	11	15	11	17

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

6271 STATION | SONDRESTROM GL STATION NAME | 74-82 YEARS | NOV MONTH

PAGE 2 | 0000-2200 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
[illegible]/-21	.6																	3	7	3	4
22/-23	.2																	1	5	1	8
[illegible]/-25	1.0																	5	6	5	5
[illegible]/-27	.4																	2	5	2	5
[illegible]/-29	.2																	1	3	1	1
[illegible]/-31																					3
32/-33																					2
34/-39																					6
TOTAL	52.5	31.0	10.1	5.0	1.4														704		497
																		497		497	

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.	3006460	37772	76.0	16.546	497							
Dry Bulb	219215	6153	8.6	15.421	704	27.1	84.2					90
Wet Bulb	153643	4915	9.9	14.552	497	23.9	85.5					90
Dew Point	123885	2159	4.3	15.198	497	31.5	88.7					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] STATION NUMBER SONDRESTROM GL STATION NAME 74-82 YEARS NOV MONTH

PAGE 1 0300-0503 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
[illegible]					•													1	2		
48/ 47				•														1	1		
[illegible]				•														5	5		
[illegible]			•															3	3	1	
42/ 41			•		•	•												3	4	1	
40/ 39		.2		.2														2	2	8	
[illegible]		.4	.8	.8	•													11	11	2	
36/ 35			.2	1.2	.4													9	9	2	
34/ 33		.4	.2	.6														6	6	9	6
32/ 31		.4	.4	.8														8	8	7	7
[illegible]		.4	1.0	.2														12	13	11	5
28/ 27	.4	2.8	1.6															29	30	17	9
[illegible]	1.8	1.6	.6															18	18	33	5
24/ 23	.6	2.2	3.2															29	33	19	15
22/ 21	.6	1.8	.2															13	18	18	13
20/ 19	1.2	2.6	.6															22	26	27	22
[illegible]	1.2	2.2																17	22	21	29
16/ 15	3.2	1.6	.2															24	29	33	18
[illegible]	2.	2.6	.2															24	30	23	38
12/ 11	3.	2.6	.6															31	47	29	29
[illegible]	4.4	2.4																34	58	36	39
8/ 7	1.6	2.2																19	29	15	21
[illegible]	3.2	1.4																23	44	25	40
[illegible]	1.6	1.2																14	24	15	15
[illegible]	2.	1.0																15	25	16	16
[illegible]	4.2	.8																23	34	26	18
-2/ -3	2.8	.4																16	27	18	14
-4/ -5	2.8	.4																16	20	14	23
-6/ -7	1.6																	8	19	10	13
-8/ -9	2.6																	13	19	13	8
[illegible] /-11	1.2																	6	11	6	14
-12/-13	1.6																	8	14	8	10
-14/-15	1.6																	8	10	8	17
-16/-17	1.6																	8	8	8	10

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

92712 SONDRESTROM GL 74-82 NOV
STATION STATION NAME YEARS 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
-20/-19	.8																	4	8	4	12
-22/-21	1.0																	5	8	5	4
-24/-23	1.2																	6	11	6	5
-26/-25	.8																	4	5	4	6
-28/-27	.4																	2	4	2	5
-30/-29	.4																	2	3	2	1
-32/-31																					3
-34/-33																			1		3
-36/-35																					1
-38/-37																					2
-40/-39																					3
TOTAL	5.0	3.2	1.1	1.4	5.0	1.0		.2										499	700	499	499

Element (X)	$\Sigma_{X'}$	Σ_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.	3.07231	37883	75.9	16.233	499							
Dry Bulb	221932	6216	8.9	15.444	700	26.1	84.5					90
Wet Bulb	157310	5084	10.2	14.556	499	23.6	85.9					90
Dew Point	122591	2337	4.7	18.973	499	31.0	88.9					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

64231 STATION | SONDRESTROM GL STATION NAME | 74-82 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
48/ 47					.f													3	3		
46/ 45				.6														3	3		
44/ 43				.6														3	3		
42/ 41			.2		.6													4	4	2	
40/ 39		.2		.2														2	2	4	
38/ 37			.8	.6														7	9	5	
36/ 35		.4	.4	.8														8	8		
34/ 33		.2	.4	.8														7	7	11	2
32/ 31		.8	.2	1.2														11	12	8	4
30/ 29	.4	.6	.6															8	8	11	12
28/ 27	.8	3.1	1.8															28	33	21	8
26/ 25	.6	1.2	.6															12	14	17	8
24/ 23	.4	1.6	2.9															24	29	17	13
22/ 21	.8	1.8	.2															14	17	19	12
20/ 19	1.4	2.9	.6															24	25	26	18
18/ 17	1.4	2.5	.4															19	26	25	13
16/ 15	1.6	2.3	.6															22	26	24	26
14/ 13	1.6	2.7	.4															23	30	23	28
12/ 11	3.1	2.7																28	38	32	34
10/ 9	4.5	2.7																35	60	31	36
8/ 7	2.7	1.4																20	34	25	23
6/ 5	3.3	1.2																21	43	21	38
4/ 3	3.9	.2																20	27	23	17
2/ 1	2.1	1.2																16	29	11	19
0/ -1	3.0	.8																23	37	27	27
-2/ -3	1.4	1.0																12	24	14	14
-4/ -5	2.5	1.2																17	27	13	24
-6/ -7	1.6																	8	15	12	9
-8/ -9	1.6																	9	12	9	9
-10/-11	2.5																	12	17	12	9
-12/-13	1.6																	8	11	8	4
-14/-15	1.2																	6	9	6	16
-16/-17	.8																	4	6	4	9
-18/-19	1.8																	9	16	9	16

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	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.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 80-04 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

(23[illegible] STATION | SONDRESTROM GL STATION NAME | 74-82 YEARS | NOV MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]/-21	.3																4	6	4	13
22/-23	1.[illegible]																5	13	5	6
[illegible]/-25	1.																5	6	5	1
[illegible]/-27	.2																1	3	1	6
[illegible]/-29	.2																1	2	1	3
[illegible]/-31	.2																1	3	1	3
[illegible]/-33																				3
3[illegible]/-35																				1
[illegible]/-37																				6
TOTAL	51.1	32.4	11.3	4.9	1.2													691		487
																	487		487	

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.	2908947	36823	75.6	16.[illegible]18	487							
Dry Bulb	211171	5825	8.4	15.326	691	26.6	84.9					90
Wet Bulb	187441	4671	9.6	14.532	487	24.2	85.9					90
Dew Point	117353	1939	4.[illegible]	15.[illegible]19	487	32.5	89.6					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION SONDRESTROM GL STATION NAME 74-82 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
[illegible]						.2												1	1		
50/ 49						.2												1	1		
48/ 47					.2													1	1		
46/ 45				.6	.2													4	4		
44/ 43				.4														2	2		
42/ 41					.6													3	3	2	
40/ 39		.4	.2	.2	.4													6	6	5	
38/ 37	.2	.9	1.1	.6	.2													16	16	5	
36/ 35			.6	.2														4	4	6	2
34/ 33		.4	.6	.2														6	6	13	2
32/ 31		.9	.2	.4														8	8	14	7
30/ 29	.6	.9	.3	.6														15	16	8	14
28/ 27	.4	1.7	1.5															19	19	12	9
26/ 25	.4	.9	2.1															18	18	16	10
24/ 23	1.7	3.2	2.7															39	45	27	15
22/ 21	.6	2.7	.6															20	22	26	15
20/ 19	2.5	2.3	.4															27	28	39	15
18/ 17	.6	2.3	.6															18	19	21	23
16/ 15	3.2	1.7	.8															30	34	34	23
14/ 13	1.7	2.3																21	28	22	39
12/ 11	2.7	1.5	.2															23	32	27	29
10/ 9	5.3	4.2																49	73	45	41
8/ 7	2.3	.9																17	28	23	34
6/ 5	2.3	.9																17	33	17	32
4/ 3	1.9	.6																13	20	14	18
2/ 1	2.5	.9																18	24	17	21
0/ -1	4.2	.6																25	37	27	27
-2/ -3	3.3	.4																22	42	28	12
-4/ -5	1.7	1.2																16	23	13	26
-6/ -7	1.3																	7	14	10	11
-8/ -9	2.7																	14	17	14	14
-10/ -11	.3																	4	12	4	9
-12/ -13	2.3																	12	17	12	8
-14/ -15	.8																	8	6	8	8

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[8271?] STATION | SONDRESTROM GL STATION NAME | 74-82 YEARS | NOV MONTH

PAGE ? | 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible]/-17	.9																	5	10	5	11
[illegible]/-19	.8																	4	9	4	17
[illegible]/-21	.?																	4	6	4	6
[illegible]/-23	1.5																	8	13	8	8
24/-25	.9																	4	5	4	3
[illegible]/-27	.2																	1	3	1	2
[illegible]/-29																			1		4
[illegible]/-31																			1		2
[illegible]/-33	.2																	1	1	1	1
34/-35																					4
[illegible]/-37																					4
38/-39																					1
TOTAL	51.2	31.7	12.1	3.[illegible]	1.5	.4												527	709	527	5_7

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.	3164518	39968	75.8	15.920	527							
Dry Bulb	223602	6234	8.9	5.436	709	27.7	84.9					90
Wet Bulb	168277	5603	10.6	14.376	527	23.1	89.7					90
Dew Point	131767	2687	5.1	14.982	527	30.4	89.3					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14231 SONDRESTROM GL 74-82 NOV
STATION STATION NAME YEARS MONTH

PAGE 1 ~~1200-1800~~ 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
51 / 49					.2	.2												2	2		
48 / 47					.6													3	3		
46 / 45				.6														3	3		
42 / 41			.9		.6	.4												7	7	3	
41 / 39				.2														1	1	5	
38 / 37		.4	.9															7	7	2	
36 / 35		.4	.6	.9														10	10	3	
34 / 33		.4	1.1	.9														13	13	14	2
32 / 31		1.1	.2	.6														10	10	7	7
30 / 29		1.3	.5	.2														11	11	19	9
28 / 27	1.1	1.1	3.8															32	32	17	17
26 / 25	.8	.6	2.1															18	18	18	7
24 / 23	.9	2.4	1.7															27	31	28	16
22 / 21	1.7	1.9	1.3															26	26	34	10
20 / 19	1.7	4.1	.2															31	32	23	15
18 / 17	2.1	2.4	.6															27	35	48	23
16 / 15	2.1	1.3	.4															20	21	17	30
14 / 13	3.	1.5	.2															25	30	31	46
12 / 11	2.3	1.7																21	31	23	45
10 / 9	3.2	3.2																34	46	24	40
8 / 7	.8	2.3																16	32	20	22
6 / 5	4.3	.8																25	38	29	17
4 / 3	2.4	.6																16	24	17	15
2 / 1	1.7	.6																12	21	12	30
0 / -1	4.5	.4																26	40	27	24
-2 / -3	2.1	.6																14	22	16	25
-4 / -5	2.3	1.5																20	27	16	9
-6 / -7	2.4																	13	21	17	11
-8 / -9	2.1																	11	16	11	11
-10/-11	1.3																	7	18	7	10
-12/-13	1.9																	11	16	10	17
-14/-15	1.7																	9	13	9	10
-16/-17	.2																	1	2	1	10
-18/-19	.8																	1	2	1	16

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4231 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) NOV (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
/-21	.2																1	3	1	8
22/-23	2.1																11	14	11	9
24/-25	.9																5	9	5	3
26/-27	.4																2	4	2	1
28/-29																		1		5
/-31																				2
32/-33																				2
34/-35																				2
36/-37																				4
38/-39																				1
/-41																				
TOTAL	5.5	3.3	13.9	3.4	1.3	.6											531	695	531	531

Element (X)	$\Sigma_{X'}$	Σ_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.	3117497	39813	75.1	15.807	531							
Dry Bulb	228725	6383	9.2	15.656	695	27.3	84.7					90
Wet Bulb	173188	5716	10.8	19.512	531	23.2	85.9					90
Dew Point	132797	2665	5.0	15.008	531	30.5	89.7					90

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7231 STATION | SONDRESTROM GL STATION NAME | 74-82 YEARS | NOV MONTH

PAGE 1 ~~15 16 17 18~~ 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
[illegible]/ 47						.2												1	1		
46/ 45				.2	.4													6	3		
4/ 43				.4														2	2		
42/ 41			.2	.2	.4													8	8		
4 / 39			.8		1.2													10	10	3	
38/ 37			.6		.2													4	4	4	
36/ 35		.4	.6															5	5	5	
34/ 33				.2														1	1	9	
32/ 31	.2	.4	.4	.4														7	7	10	5
30/ 29		2.3	1.6	1.0														22	23	11	7
28/ 27	1.	3.9	1.4															32	32	20	20
26/ 25	1.	1.4	2.3															24	26	28	12
24/ 23	1.6	1.7	2.5															30	34	29	14
22/ 21	.4	2.3	.6															17	17	20	16
20/ 19	2.7	1.6																22	23	34	18
18/ 17	1.2	1.9	.8															20	28	21	20
16/ 15	4.7	2.7	.4															40	45	43	26
14/ 13	2.9	1.6																23	25	25	44
12/ 11	2.1	2.1																22	29	26	54
10/ 9	2.1	1.2																17	39	15	30
8/ 7	1.2	2.5																19	25	14	22
6/ 5	2.5	1.3																18	32	22	17
4/ 3	3.3	.8																21	34	21	11
2/ 1	3.1	.8																20	27	21	23
0/ -1	3.7	.6																22	37	23	29
-2/ -3	2.1	.8																15	23	18	17
-4/ -5	1.6	1.1																13	23	11	18
-6/ -7	2.9																	15	18	17	7
-8/ -9	2.3																	12	16	12	7
-10/-11	2.3																	12	18	12	16
-12/-13	1.4																	7	14	7	12
-14/-15	1.2																	6	14	6	17
-16/-17	1.4																	7	13	7	8
-18/-19	1.3																	5	8	5	16

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
Ref. Num.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 80 84 REVISES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible]21 | SONDRESTROM GL | 74-8? | NOV
STATION | STATION NAME | YEARS | MONTH

PAGE ? | 15?0-17?0 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
[illegible]/-21	.6																	3	5	3	7
22/-23	1.7																	9	13	9	10
[illegible]/-25	.8																	4	6	4	2
[illegible]/-27																			1		4
[illegible]/-29																			1		4
[illegible]/-31	.2																	1	2	1	
34/-35																					3
36/-37																					3
[illegible]/-39																					2
TOTAL	53.	3	.9	11.	[illegible]	2.3	2.1	.2											688		515
																		515		515	

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.	3152062	39482	76.7	15.608	515							
Dry Bulb	217089	5971	8.7	15.510	688	27.7	86.1					90
Wet Bulb	162775	5319	10.3	14.485	515	23.6	86.3					90
Dew Point	127918	2576	5.0	18.960	515	31.8	90.0					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

42210 STATION | SONDRESTROM GL STATION NAME | 74-80 YEARS | NOV MONTH

 18,30-20GG 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
50/ 47					.2													1	1		
46/ 45				.4	.2													3	3		
44/ 43				.4														2	2		
42/ 41			.2		.2													2	2		
40/ 39		.2	.6	.2	.6													8	8	3	
38/ 37			1.2	.2	.6													11	11	5	
36/ 35		.2		.6														5	5	4	
34/ 33		.2	.4	.2														4	4	8	3
32/ 31	.2	1.0	.8	.6														13	14	9	5
30/ 29	.4	.4	.6	.6														10	10	17	6
28/ 27	1.2	2.2	1.8	.4														26	27	16	14
26/ 25	.8	1.0	1.4															16	16	21	7
24/ 23	2.2	3.6	2.2															40	45	27	17
22/ 21	.8	2.6	.8															19	19	26	12
20/ 19	1.3	1.4	.2															17	22	29	18
18/ 17	2.2	1.6	.8															22	26	26	24
16/ 15	2.6	2.0	.4															25	32	21	32
14/ 13	3.4	2.6																30	39	36	37
12/ 11	2.0	.8																14	22	18	33
10/ 9	2.6	3.2																29	37	23	43
8/ 7	1.6	1.6																16	34	17	12
6/ 5	3.8	1.6																25	48	25	22
4/ 3	1.4	1.6																15	21	14	22
2/ 1	1.8																	9	22	27	18
0/ -1	3.4	.4																34	57	32	21
-2/ -3	2.0	.6																13	19	15	15
-4/ -5	2.0	1.0																15	27	11	20
-6/ -7	2.8																	14	18	18	10
-8/ -9	1.8																	9	11	9	15
-10/-11	1.4																	7	7	7	14
-12/-13	1.6																	8	12	8	6
-14/-15	1.4																	7	14	7	12
-16/-17	2.0																	10	18	10	7
-18/-19	1.6																	6	13	8	17

Element (X)	$\Sigma_n X'$	$\Sigma_n X$	$\bar{X}$	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.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | SONDRESTROM GL STATION NAME | 74-82 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]/-21	.6																	3	4	3	14
[illegible]22/-23	1.																	5	11	5	7
[illegible]24/-25	.8																	4	5	4	6
[illegible]26/-27	.4																	2	4	3	4
[illegible]28/-29	.2																	1	2	1	2
[illegible]30/-31	.2																	1	2	1	1
[illegible]34/-35																					3
[illegible]36/-37																					2
[illegible]38/-39																					1
[illegible]40/-41																					2
[illegible]42/-43																					1
TOTAL	53.5	29.	6	11.1	3.8	2.												503	691	503	503

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.	[illegible]27896	38229	76.4	16.247	503							
Dry Bulb	215471	5783	8.4	15.577	691	29.2	85.3					90
Wet Bulb	159048	5010	10.0	14.745	503	25.2	86.5					92
Dew Point	128495	2231	4.4	15.371	503	32.2	89.5					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] STATION | SONDRESTROM GL STATION NAME | 74-82 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-	20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
4[illegible]/ 4[illegible]				.[illegible]	.?													2	2		
44/ 43			.6	.6														6	6		
[illegible]/ 41		.[illegible]				.[illegible]												4	4		
41/ 39			.5	.4	.6													9	9	5	
39/ 37	.[illegible]	.2	1.[illegible]	.2	.2													9	9	6	3
36/ 35	.2	.4	.4	.6	.2													9	10	7	3
34/ 33		.4	1.2	1.[illegible]	.2													14	15	10	2
32/ 31	.2	.6	.6	1.2														12	15	15	4
[illegible]/ 29	.2	.6	.6	.6														10	11	12	9
28/ 27	.4	1.4	1.4															16	17	13	13
26/ 25	.2	.8	1.4															12	12	16	6
24/ 23	1.8	2.2	3.1															35	41	27	9
22/ 21	.4	3.[illegible]	.2															13	15	19	14
[illegible]/ 19	1.2	2.6																19	23	30	18
[illegible]/ 17	1.8	1.6	.6															20	25	22	21
16/ 15	2.9	2.2																24	30	23	21
[illegible]/ 13	2.4	3.1	.2															28	37	29	48
12/ 11	3.3	.2																17	23	25	37
[illegible]/ 9	3.[illegible]	.8	.6															25	47	19	33
[illegible]/ 7	2.2	2.2	.2															23	38	20	24
[illegible]/ 5	2.4	1.[illegible]																17	43	25	16
4/ 2	2.6	1.2																19	37	15	14
[illegible]/ [illegible]	[illegible].2	1.[illegible]																16	26	18	11
[illegible]/ -1	5.3																	26	41	29	35
-2/ -3	2.4	.2																13	22	13	7
-4/ -5	1.8	1.3																14	23	11	10
-6/ -7	2.4																	12	16	15	10
-8/ -9	2.2																	10	12	11	15
[illegible]/-11	1.2																	6	8	6	12
-12/-13	2.[illegible]																	10	18	11	13
-14/-15	1.4																	7	15	7	10
-16/-17	1.6																	8	13	8	5
-18/-19	1.4																	7	12	7	15
-20/-21	1.2																	6	11	6	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 0-26-5 (OL A) AS 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4271 — STATION
SONDRESTROM GL — STATION NAME
74-80 — YEARS
NOV — MONTH

PAGE 2 — 2100-2300 — HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-22/-23	.4																	4	7	4	13
-24/-25	1.0																	3	6	5	6
-26/-27	.6																	3	5	3	6
-28/-29	.2																	1	2	1	4
-30/-31																			1		2
-32/-33																					1
-34/-35																					2
-36/-37																					5
TOTAL	54.2	26.1	13.0	4.7	1.4	.6												491	697		491
																		491		491	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	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.	2954539	372.7	75.8	16.603	491							
Dry Bulb	228846	6728	8.6	15.934	697	27.7	82.9					90
Wet Bulb	162474	4952	10.1	15.154	491	24.7	84.9					90
Dew Point	130954	2216	4.5	15.711	491	33.9	88.5					90

USAFETAC FORM AM 94 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

42315 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) NOV (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
52/ 51						.2												1	1		
50/ 49					.1	.0												4	6		
48/ 47				.1	.2	.0												10	10		
46/ 45				.6	.1													29	29		
44/ 43			.2	.4														23	23	1	
42/ 41		.0	.2	.3	.3	.1												28	29	9	
40/ 39		.1	.3	.2	.4													41	43	38	
38/ 37	.1	.3	.9	.3	.3													76	78	35	3
36/ 35	.2	.3	.4	.7	.1													60	61	31	6
34/ 33		.2	.5	.6	.2													57	58	83	23
32/ 31	.1	.7	.4	.7	.1													77	83	74	46
30/ 29	.1	.9	.8	.4														95	100	103	68
28/ 27	.7	2.4	1.8	.1														204	212	133	103
26/ 25	.8	1.2	1.5															139	143	167	58
24/ 23	1.3	2.3	2.5															250	290	199	109
22/ 21	.8	2.1	.6															141	156	184	105
20/ 19	1.8	2.5	.3															195	208	232	143
18/ 17	1.4	2.3	.5															159	201	206	163
16/ 15	2.9	2.1	.3															219	262	232	194
14/ 13	2.4	2.4	.1															200	249	219	320
12/ 11	2.5	1.5	.1															170	243	197	294
10/ 9	3.6	2.9	.2															249	302	214	310
8/ 7	1.9	2.0	.0															155	257	155	177
6/ 5	3.2	1.2																177	327	196	211
4/ 3	2.4	.9																136	216	140	133
2/ 1	2.2	.8																115	190	125	157
0/ -1	4.7	.4																208	329	221	201
-2/ -3	2.4	.5																119	203	133	115
-4/ -5	2.	1.0																124	190	99	153
-6/ -7	2.1																	88	130	109	92
-8/ -9	2.1																	85	119	85	95
-10/-11	1.6																	65	100	65	92
-12/-13	1.7																	70	111	70	77
-14/-15	1.5																	60	102	60	103

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

42?1 (STATION) SONDRESTROM GL (STATION NAME) 74-82 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
-16/-17	1.1																			46	80	46	73
-18/-19	1.3																			52	90	52	126
-20/-21	.7																			29	52	29	58
-22/-23	1.2																			49	84	49	66
-24/-25	.9																			36	48	36	32
-26/-27	.3																			13	29	13	33
-28/-29	.1																			6	15	6	24
-30/-31	.1																			3	9	3	16
-32/-33	.																			1	2	1	10
-34/-35																							16
-36/-37																							19
-38/-39																							22
-40/-41																							3
-42/-43																							1
TOTAL	55.2	30.5	11.7	4.0	1.5	.2														4050	5569	4050	4050

Element (X)	$\Sigma_{X'}$	Σ_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.	243491.0	307176	75.8	16.112	4050							
Dry Bulb	1766971	48543	8.7	15.530	5569	218.8	676.3					720
Wet Bulb	1284108	41270	10.2	14.609	4050	191.5	685.0					720
Dew Point	1015719	18810	4.6	15.192	4050	253.7	719.3					720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

BA2710 SONDRESTROM GL 74-82 DEC
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
44/ 43						.2												1	1		
42/ 41					.2	.6												4	11		
40/ 39				1.4														7	9		
38/ 37				.4	.6													5	7		
36/ 35			.6	1.6														11	13	3	
34/ 33		.4	.8	2.2														16	18	9	
32/ 31		.4	.4	.8														8	9	12	
30/ 29		.6	1.4	.2														11	12	20	1
28/ 27	.2	1.8	1.4															17	18	11	7
26/ 25	.4	1.2	.3															11	15	20	8
24/ 23	.2	1.4	.6															11	21	16	8
22/ 21	.4	1.6	.4															12	13	11	14
20/ 19	.8	.6	.2															8	15	15	26
18/ 17	.8	2.2	.2															16	19	13	15
16/ 15	1.4	2.4																19	25	23	13
14/ 13	.8	2.4																16	28	16	23
12/ 11	1.6	3.2	.2															25	33	26	23
10/ 9	3.2	3.4	.4															33	50	29	32
8/ 7	2.2	.8																14	22	19	18
6/ 5	2.2	1.6																18	23	15	34
4/ 3	1.6	2.2																18	26	13	17
2/ 1	2.4	.2																13	21	22	11
0/ -1	3.2																	15	32	16	21
-2/ -3	2.4																	17	29	17	10
-4/ -5	3.6	.2																19	27	18	22
-6/ -7	2.4																	12	17	13	12
-8/ -9	1.6																	8	15	8	15
-10/-11	3.2																	16	21	16	11
-12/-13	1.6																	9	16	9	15
-14/-15	2.2																	11	17	11	18
-16/-17	3.2																	16	23	16	10
-18/-19	2.0																	10	18	10	10
-20/-21	2.4																	12	21	12	4
-22/-23	3.2																	16	23	16	6

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4271 STATION | SONDRESTROM GL STATION NAME | 74-82 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-30/-25	1.8																	9	12	9	8
-26/-27	1.																	5	7	5	4
-28/-29	2.																	10	16	10	8
-30/-31	1.4																	7	8	7	6
-32/-33	2.																	10	11	12	11
-34/-35	.2																	1	2	1	5
-36/-37	1.2																	6	6	6	7
-38/-39																					10
-40/-41	.6																	3	5	3	14
-42/-43																			1		11
-44/-45	.2																	1	1	1	5
-46/-47																					1
-48/-49																					4
TOTAL	59.4	25.4	7.3	6.5	1.2	.2												507	731		507
																		507		507	

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.	2821647	36771	72.5	17.489	507							
Dry Bulb	284484	2237	3.1	19.503	731	41.5	65.5					93
Wet Bulb	182064	1374	2.7	18.774	507	39.3	90.8					93
Dew Point	201577	-1889	-3.7	19.608	507	47.1	93.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | SONDRESTROM GL STATION NAME | 74-82 YEARS | DEC MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
46/ 45				.1		.4												3	4		
44/ 43				.2	.2													2	3		
42/ 41			.8		.4	.2												7	9		
40/ 39				.6														3	7	1	
38/ 37			.6	.8	.2													8	8	5	
36/ 35		.2	.6	1.6	.4													14	19	4	
34/ 33			.6	1.2														9	11	9	
32/ 31		.4	.8	1.2														11	13	15	1
30/ 29		.4	1.2	.4														10	12	14	8
28/ 27	.4	1.2	.8	.4														14	18	12	7
26/ 25		.6	.6															6	9	18	3
24/ 23	.6	1.4	1.2															16	20	9	11
22/ 21	.2	1.6																9	14	12	14
20/ 19	1.2	1.2																11	18	19	21
18/ 17	1.	2.7	.2															20	27	14	14
16/ 15	.6	2.4																15	23	18	21
14/ 13	1.6	3.7																27	31	28	16
12/ 11	2.2	1.4	.2															18	20	24	22
10/ 9	2.5	1.5	.4															20	34	18	32
8/ 7	1.8	1.8	.2															19	25	15	28
6/ 5	2.5	1.6																21	29	22	26
4/ 3	2.7	1.2																19	28	23	8
2/ 1	1.8	.4																11	21	14	15
0/ -1	3.5																	18	39	20	27
-2/ -3	2.	.2																11	24	11	11
-4/ -5	2.5																	15	22	15	11
-6/ -7	2.5																	13	17	13	14
-8/ -9	3.5																	16	22	18	16
-10/-11	3.5																	18	21	18	23
-12/-13	2.4																	10	16	10	13
-14/-15	3.3																	17	24	17	10
-16/-17	1.6																	8	13	8	12
-18/-19	3.5																	18	35	18	20
-20/-21	1.2																	6	13	6	11

Element (X)	$\Sigma_{X'}$	Σ_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.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | SONDRESTROM GL STATION NAME | 74-82 YEARS | DEC MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible]22/-23	2.2																	11	18	11	8
24/-25	2.1																	10	16	12	6
[illegible]26/-27	2.2																	11	14	11	6
[illegible]28/-29	1.2																	6	8	6	7
[illegible]30/-31	1.[illegible]																	5	7	5	6
[illegible]32/-33	2.2																	11	12	11	8
34/-35	.6																	3	5	3	3
36/-37	.4																	2	2	2	4
[illegible]38/-39	.4																	2	2	2	13
40/-41	.6																	3	3	3	11
42/-43																			3		13
44/-45	.2																	1	1	1	2
46/-47																					2
48/-49																					2
50/-51																					4
TOTAL	61.2	22.7	8.	6.3	1.2	.6												510	727	510	510

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.	2851459	37067	72.7	17.586	510							
Dry Bulb	290478	1990	2.7	10.814	727	93.1	85.2					93
Wet Bulb	185601	1461	2.9	18.879	510	39.9	89.5					93
Dew Point	204576	-1782	-3.5	19.780	510	48.0	93.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

042310 SONDRESTROM GL 74-83
STATION STATION NAME YEARS

HRS (LST)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
0	MEAN	29.539	29.441	29.566	29.717	29.733	29.641	29.616	29.615	29.588	29.587	29.497	29.524	29.588
	S D	.399	.424	.406	.330	.254	.198	.192	.197	.239	.298	.355	.415	.330
	TOTAL OBS	217	199	218	214	205	209	218	224	216	222	224	228	2585
3	MEAN	29.538	29.421	29.556	29.725	29.738	29.643	29.620	29.612	29.581	29.570	29.487	29.518	29.584
	S D	.401	.432	.419	.340	.253	.202	.197	.204	.241	.302	.352	.421	.337
	TOTAL OBS	217	197	215	217	204	207	216	215	218	221	220	230	2577
6	MEAN	29.538	29.404	29.543	29.738	29.753	29.661	29.627	29.613	29.590	29.587	29.480	29.526	29.590
	S D	.404	.425	.421	.341	.260	.206	.202	.208	.230	.303	.360	.418	.338
	TOTAL OBS	218	195	213	217	209	209	221	221	211	217	210	214	2552
9	MEAN	29.546	29.440	29.561	29.730	29.740	29.638	29.617	29.610	29.603	29.590	29.482	29.523	29.590
	S D	.407	.416	.424	.331	.258	.195	.212	.206	.231	.302	.353	.404	.334
	TOTAL OBS	228	202	218	217	213	203	207	223	210	224	223	219	2587
12	MEAN	29.548	29.437	29.555	29.731	29.727	29.624	29.604	29.597	29.578	29.572	29.495	29.538	29.585
	S D	.388	.421	.412	.337	.251	.192	.207	.202	.235	.308	.353	.415	.330
	TOTAL OBS	218	196	220	217	212	209	213	226	217	224	212	219	2583
15	MEAN	29.553	29.429	29.548	29.722	29.714	29.602	29.590	29.569	29.571	29.563	29.472	29.531	29.572
	S D	.396	.411	.410	.335	.262	.201	.209	.201	.233	.309	.360	.420	.334
	TOTAL OBS	217	198	210	225	205	194	202	216	202	227	223	216	2535
18	MEAN	29.531	29.435	29.557	29.720	29.713	29.613	29.597	29.580	29.562	29.580	29.493	29.544	29.577
	S D	.401	.420	.410	.325	.257	.200	.200	.197	.240	.300	.360	.420	.329
	TOTAL OBS	226	197	211	210	207	216	224	226	228	212	209	214	2582
21	MEAN	29.547	29.437	29.566	29.728	29.722	29.625	29.608	29.601	29.594	29.583	29.486	29.538	29.584
	S D	.399	.439	.402	.329	.255	.201	.193	.199	.236	.313	.355	.417	.333
	TOTAL OBS	218	197	211	215	202	198	207	216	200	213	213	212	2496
ALL HOURS	MEAN	29.543	29.431	29.556	29.726	29.730	29.631	29.610	29.600	29.583	29.579	29.486	29.530	29.584
	S D	.399	.423	.412	.333	.256	.200	.201	.202	.236	.303	.355	.416	.333
	TOTAL OBS	1755	1581	1713	1732	1657	1636	1708	1767	1702	1760	1738	1752	20894

USAF ETAC FORM OCT 79 0-89-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[4231-] SONDRESTROM GL 74-82 DEC
STATION STATION NAME YEARS MONTH

PAGE 1 ~~0600-0840~~ 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
44/ 43				.4	.2	.2												4	6		
42/ 41			.6	.2	.6													7	9		
40/ 39		.2	.6	1.0	.2													10	11		
38/ 37			.2	1.0														9	11	7	
36/ 35		.2	.4	1.2	.2													10	12	4	
34/ 33			.4	1.2														11	13	15	1
32/ 31		1.2	.2	.6														10	17	14	1
30/ 29		.8	1.6	.6														15	16	16	9
28/ 27		1.8	1.0															14	17	10	17
26/ 25		.4	.8															6	8	19	8
24/ 23	.2	.2	.4															4	9	8	12
22/ 21	.6	1.8	.6															15	18	9	10
20/ 19	.6	2.6	.8															20	23	13	19
18/ 17	.4	1.2																8	11	21	14
16/ 15	1.0	2.0																15	20	18	12
14/ 13	1.2	3.7																24	26	24	20
12/ 11	1.0	1.6																13	27	10	19
10/ 9	3.2	2.2																27	39	23	26
8/ 7	1.6	1.4	.4															17	22	13	28
6/ 5	3.4	1.2																21	27	23	26
4/ 3	2.2	.6																14	23	17	16
2/ 1	2.6	.2																11	16	13	20
0/ -1	4.9																	25	43	26	22
-2/ -3	3.0																	15	31	15	15
-4/ -5	4.3	1.0																27	37	24	15
-6/ -7	3.2																	16	25	19	19
-8/ -9	1.8																	9	11	9	13
-10/-11	1.8																	9	12	9	13
-12/-13	2.2																	11	16	11	14
-14/-15	3.2																	16	27	16	11
-16/-17	2.4																	12	21	12	12
-18/-19	1.8																	9	22	9	14
-20/-21	1.2																	6	11	6	10
-22/-23	2.8																	14	20	14	12

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL A) 80-4 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

(4231) SONDRESTROM GL 74-82 DEC
STATION STATION NAME YEARS 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
-20/-25	3.6																	18	20	18	6
-26/-27	1.2																	6	11	6	8
-28/-29	.2																	1	4	1	12
-30/-31	.6																	3	3	3	4
-32/-33	2.2																	11	15	11	9
-34/-35	1.2																	6	6	6	4
-36/-37	.2																	1	1	1	7
-38/-39	1.																	5	6	5	15
-40/-41																			1		7
-42/-43	.2																	1	3	1	5
-44/-45	.2																	1	1	1	4
-46/-47																					5
-48/-51																					5
TOTAL	59.4	24.1	8.5	6.7	1.2	.2												507	713	507	507

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	≥ 90 F	≥ 93 F	Total
Rel. Hum.	2018331	36827	72.6	16.833	507							
Dry Bulb	289736	2122	3.1	19.952	713	44.2	84.9					93
Wet Bulb	187301	1643	3.2	18.964	507	40.9	88.2					93
Dew Point	201058	-1570	-3.1	19.691	507	47.0	92.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4271 STATION | SONDRESTROM GL STATION NAME | 74-82 YEARS | DEC MONTH

 ~~0000-1160~~ 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
49/ 45					.4													2	2		
44/ 43				.4	.2													3	4		
42/ 41					.6													3	10		
41/ 39			.6	1.1	.4													11	12		
38/ 37		.2	1.1	.9	.2													13	13	4	
36/ 35				1.5	.4													10	13	6	
34/ 33			.4	1.1														8	9	14	
32/ 31			.6	.7														7	11	14	4
30/ 29	.2	.4	1.8															13	14	12	4
28/ 27	.2	3.0	1.3															24	28	12	8
26/ 25	.2	.6	.9															9	11	29	4
24/ 23		.9	.4															7	13	7	16
22/ 21	.4	1.5	.2															11	11	12	16
20/ 19	.7	1.7																13	16	14	23
18/ 17	.4	1.5																10	11	15	14
16/ 15	1.7	2.2																21	28	22	12
14/ 13	.4	1.1																8	16	11	20
12/ 11	1.5	1.8																20	25	19	22
10/ 9	2.6	3.1																30	39	24	34
8/ 7	2.2	2.2																24	29	22	13
6/ 5	2.0	1.1																17	23	21	27
4/ 3	2.6	.6																17	23	20	16
2/ 1	3.0																	16	19	19	18
0/ -1	4.5	.2																36	54	36	31
-2/ -3	2.4	.2																16	24	16	22
-4/ -5	3.3	1.3																25	32	19	21
-6/ -7	3.1																	17	26	23	19
-8/ -9	2.6																	14	23	18	18
-10/-11	3.0																	16	23	16	13
-12/-13	1.8																	10	12	10	15
-14/-15	1.5																	8	14	8	10
-16/-17	2.2																	12	18	12	18
-18/-19	1.5																	8	16	8	13
-20/-21	1.1																	6	18	6	9

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.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM AS-24 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] STATION | SONDRESTROM GL STATION NAME | 74-82 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
-22/-23	2.6																	14	23	14	15
-24/-25	1.1																	6	9	6	5
-26/-27	3.9																	21	24	21	8
-28/-29	1.3																	7	8	7	5
-30/-31	.7																	4	4	4	19
-32/-33	2.0																	11	13	11	6
-34/-35	1.1																	6	6	6	9
-36/-37																			1		2
-38/-39	.4																	2	2	2	6
-40/-41	.7																	4	4	4	14
-42/-43	.2																	1	3	1	8
-44/-45																					8
-46/-47																					5
TOTAL	61.7	23.3	7.2	5.7	2.														73		541
																		541		541	

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.	3066781	29731	73.4	16.668	541							
Dry Bulb	291794	2216	3.7	19.775	73	44.6	85.1					93
Wet Bulb	195605	1459	2.7	18.890	541	41.9	88.9					93
Dew Point	207661	-1873	-3.5	19.302	541	49.9	93.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] STATION | SONDRESTROM GL STATION NAME | 74-82 YEARS | DEC MONTH

PAGE 1 ~~12 Q-14~~ 2 Hours (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
48/ 48						.6												3	4		
54/ 43			.4	.6	.2													6	7		
42/ 41			.2	.4	.6													6	12		
4 / 37		.2	.9	.5	.4													11	12	3	
34/ 37			.7	.6														7	7	4	
44/ 35			.4	1.1														8	9	13	1
34/ 33			.6	1.1														9	14	9	3
24/ 31			1.5	.6														11	13	7	3
3 / 29		.2	2.6	.4														17	18	14	
24/ 27	.4	1.9	2.4															25	26	16	9
2 / 25		1.5	.2	.2														10	11	25	8
24/ 23	.2	.6	.7															8	16	23	[illegible]
2 / 21	.4	.9																7	9	5	17
1 / 19	.7	1.1	.2															11	13	13	26
1 / 17	.6	.7																7	8	11	16
16/ 15	.6	1.7																12	16	11	16
14/ 13	.9	1.9	.2															16	23	13	12
12/ 11	1.7	1.1																15	21	22	22
1 / 9	3.9	3.2																38	42	33	28
9/ 7	1.9	1.9																20	26	18	18
6/ 5	2.2	.9																17	24	19	27
4/ 3	4.5	1.1																30	42	29	22
2 / 1	2.2	.4																14	22	18	16
1 / -1	4.6																	25	38	27	38
-2/ -3	3.3	.7																22	28	22	17
-4/ -5	3.2	.7																21	31	24	19
-6/ -7	2.2																	17	23	18	16
-8/ -9	3.1																	16	22	16	17
-10/-11	2.4																	13	20	13	17
-12/-13	2.1																	11	18	11	16
-14/-15	1.3																	7	13	7	11
-16/-17	1.1																	6	13	4	11
-18/-19	2.0																	11	19	11	13
-20/-21	2.1																	11	18	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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | SONDRESTROM GL STATION NAME | 74-82 YEARS | DEC MONTH

PAGE [illegible] | 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
[illegible]/-23	2.2																12	19	12	13
[illegible]/-25	1.5																8	10	8	10
[illegible]/-27	2.6																14	15	14	5
[illegible]/-29	1.5																8	17	8	8
[illegible]/-31	1.3																7	7	7	11
[illegible]/-33	1.9																10	12	11	7
34/-35	.6																3	4	3	5
[illegible]/-37	.6																3	4	3	5
[illegible]/-39																				8
[illegible]/-41	.6																3	4	3	12
[illegible]/-43	.2																1	2	1	10
44/-45	.2																1	1	1	6
[illegible]/-47																				3
[illegible]/-49																				1
TOTAL	61.3	2.6	11.[illegible]	5.4	1.1	.6											538	723	538	538

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.	3,164[illegible]9	39241	72.9	16.947	538							
Dry Bulb	295[illegible]65	2431	3.4	19.934	723	42.4	84.6					93
Wet Bulb	197757	1729	3.2	18.919	538	40.1	88.2					93
Dew Point	204772	-1652	-3.1	19.284	538	49.1	92.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] STATION SONDRESTROM GL STATION NAME 74-82 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
44/ 43				.7														4	4		
42/ 41			.4	.4	.8													6	10		
4 / 39			.4	.4														4	6		
38/ 37			.6	1.1														9	9	6	
36/ 35		.2	.2	1.7	.2													12	16	4	
34/ 33		.2	.6	.7														5	8	9	1
32/ 31	.2	.4	.9	.2														9	15	12	4
30/ 29		.6	2.2	.6														18	19	15	2
28/ 27	.2	2.8	1.7	.2														26	29	13	8
26/ 25		1.1	.6															9	9	30	10
24/ 23		1.3	.2															8	9	13	11
22/ 21	1.1	.4																8	8	17	14
20/ 19	.7	.9	.2															10	14	6	19
18/ 17	.6	1.5																11	13	12	34
16/ 15	1.9	.9																15	18	17	13
14/ 13	.4	1.1																8	14	8	15
12/ 11	1.7	1.9	.6															22	29	22	17
10/ 9	4.1	2.2																34	36	34	25
8/ 7	1.9	1.3																15	23	16	22
6/ 5	4.1	1.9																32	32	27	17
4/ 3	2.4	1.9																23	34	23	20
2/ 1	3.1	.9																21	25	26	15
0/ -1	5.4	.2																30	44	35	34
-2/ -3	1.9	.4																12	24	12	28
-4/ -5	2.4	.2																14	20	14	26
-6/ -7	3.3																	18	26	18	11
-8/ -9	1.3																	7	12	7	15
-10/-11	3.9																	21	29	21	12
-12/-13	2.6																	14	23	14	15
-14/-15	1.5																	8	12	8	15
-16/-17	1.5																	8	12	8	13
-18/-19	2.6																	14	20	14	11
-20/-21	1.3																	7	13	7	9
-22/-23	2.3																	15	19	15	14

Element (X)	$\Sigma_{X'}$	Σ_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.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible]231 — STATION
SONDRESTROM GL — STATION NAME
74-82 — YEARS
DEC — MONTH

1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
[illegible]24/-25	1.7																		9	12	9	5
[illegible]26/-27	1.9																		12	12	10	11
[illegible]28/-29	2.2																		12	13	12	11
[illegible]30/-31	.9																		5	5	5	9
[illegible]32/-33	2.																		11	13	11	6
-34/-35	1.1																		6	7	6	5
[illegible]36/-37	.4																		2	4	2	7
[illegible]38/-39	.7																		4	5	4	6
[illegible]40/-41	.2																		1	4	1	18
-42/-43																						3
-44/-45																						10
[illegible]46/-47																						2
[illegible]50/-51																						1
TOTAL	63.1	22.3	8.3	5.9	.6														540	715	540	540

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.	3143217	41211	76.5	16.622	540							
Dry Bulb	278928	1868	2.6	19.591	715	42.4	86.1					93
Wet Bulb	193187	1421	2.6	18.798	540	40.1	89.7					93
Dew Point	209659	-1761	-3.3	19.851	540	50.5	92.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | SUNDRESTROM GL STATION NAME | 74-82 YEARS | DEC MONTH

PAGE 1 [illegible] 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
44/ 43				.4														2	2		
42/ 41			.2	.2	.4													4	8		
40/ 39			.2	.8	.6													6	9		
38/ 37			.8	1.7														11	13	3	
36/ 35			.2	1.7	.2													11	12	2	
34/ 33		.2	.8	1.0														10	13	9	
32/ 31			2.1	.4														13	14	17	
30/ 29		.8	1.3	.4														13	14	20	1
28/ 27	.4	1.5	1.3	.4														19	21	19	7
26/ 25		1.5	.6															11	13	13	9
24/ 23	.2	1.0																6	9	15	15
22/ 21	1.1	.3																10	12	16	17
20/ 19	1.2	1.3	.2															13	14	9	20
18/ 17	1.1	1.0																11	15	16	26
16/ 15	.4	1.1																8	12	9	20
14/ 13	.8	2.3	.2															17	25	14	15
12/ 11	2.9	1.5	.4															25	28	27	12
10/ 9	5.9	2.7																45	57	41	37
8/ 7	1.5	1.0																13	19	15	23
6/ 5	2.1	1.9																21	33	17	26
4/ 3	1.1	1.1																12	17	15	15
2/ 1	2.9	.4																17	31	21	10
0/ -1	6.7																	35	52	37	26
-2/ -3	3.1	.2																17	25	17	17
-4/ -5	1.9	1.0																15	20	12	30
-6/ -7	2.5																	13	19	16	16
-8/ -9	1.3																	7	13	7	9
-10/-11	2.7																	14	23	14	16
-12/-13	2.7																	14	17	14	13
-14/-15	1.7																	9	14	9	11
-16/-17	1.5																	8	17	8	12
-18/-19	1.9																	10	19	10	12
-20/-21	1.7																	9	12	9	11
-22/-23	4.0																	21	26	21	7

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] SONDRESTROM GL 74-8[illegible] DEC
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
[illegible]24/-25	1.																		5	12	5	8
[illegible]26/-27	1.9																		10	14	10	8
[illegible]28/-29	1.1																		6	9	6	12
[illegible]30/-31	1.5																		8	11	8	6
-32/-33	1.3																		7	9	7	4
-34/-35	1.1																		6	7	6	8
-36/-37	.6																		3	3	3	5
-38/-39	.6																		3	3	3	8
-40/-41	.2																		1	6	1	12
-42/-43	.2																		1	1	1	16
-44/-45	.2																		1	1	1	5
-46/-47																						1
-48/-49																						1
TOTAL	62.9	21.2	7.8	6.9	1.1														523	716	523	523

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.	326771	38727	74.[illegible]	17.459	523							
Dry Bulb	284298	1822	2.5	19.777	716	42.9	85.5					93
Wet Bulb	189058	1632	3.1	18.773	523	40.0	90.5					93
Dew Point	200999	-1533	-2.9	19.402	523	88.0	93.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4231 SONDRESTROM GL 74-82 DEC
STATION STATION NAME YEARS 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
46/ 45					.2													1	1		
42/ 41				.4	.4													8	8		
4 / 39				.2	.5													4	5		
38/ 37				1.6	.2													9	13	4	
36/ 35			.4	2.1														12	15	2	
34/ 33		.4	.8	.8														10	12	4	
32/ 31	.2	.6	1.8	.6														16	18	18	1
30/ 29	.2	.6	1.6	.6														15	15	19	2
28/ 27	.2	1.4	1.9															17	21	18	6
26/ 25	.2	.8	.6															8	10	18	3
24/ 23	.2	1.6	.2															10	12	15	16
22/ 21	.2	.8	.4															7	12	13	17
20/ 19	1.4	1.3																12	16	13	22
18/ 17	1.4	1.2	.4															14	18	11	27
16/ 15	1.2	1.6	.2															15	22	17	18
14/ 13	2.2	2.2	.2															23	32	18	21
12/ 11	1.6	2.8	.2															23	35	25	15
10/ 9	3.4	.8																21	37	26	23
8/ 7	1.6	2.2	.2															20	27	16	16
6/ 5	1.6	1.2																14	21	18	21
4/ 3	.8	2.2																14	21	10	21
2/ 1	3.4	.2																16	26	22	11
0/ -1	5.8																	29	53	30	23
-2/ -3	2.2																	11	20	11	12
-4/ -5	2.6	.8																17	27	16	26
-6/ -7	2.2																	11	13	12	12
-8/ -9	2.8																	14	22	14	21
-10/-11	2.2																	11	17	11	11
-12/-13	2.6																	13	20	13	16
-14/-15	2.2																	11	17	11	12
-16/-17	2.2																	11	17	11	11
-18/-19	1.8																	9	26	9	11
-20/-21	1.6																	8	13	8	8
-22/-23	1.8																	17	21	17	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 AM 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4231? SONDRESTROM GL 74-8? DEC
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
-24/-25	1.6																	8	13	8	7
-26/-27	1.4																	7	10	7	9
-28/-29	1.																	5	11	5	4
-30/-31	1.4																	7	10	7	6
-32/-33	1.6																	8	8	8	5
-34/-35	1.0																	5	5	5	8
-36/-37	.4																	2	2	2	5
-38/-39	.4																	2	3	2	16
-40/-41	.6																	4	6	4	12
-42/-43																					8
-44/-45	.4																	2	2	2	10
-46/-47																					2
-48/-49																					1
TOTAL	61.4	22.1	8.9	6.2	1.4														733		407
																		497		407	

Element (X)	Σ_X'	Σ_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.	2838032	365344	73.5	17.532	497							
Dry Bulb	282007	2171	3.0	19.403	733	42.6	86.1					93
Wet Bulb	181878	1536	3.1	18.897	497	39.9	91.7					93
Dew Point	198149	-1519	-3.1	19.752	497	48.1	93.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] STATION | SONDRESTROM GL STATION NAME | 78-82 YEARS | DEC 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
46/ 45				.1	.1	.1												10	12		
44/ 43			.2	.3	.1	.1												21	26		
42/ 41			.2	.2	.5	.1												41	78		
40/ 39		.2	.3	.7	.2													58	71	4	
38/ 37		.2	.5	1.0	.1													71	81	30	
36/ 35		.1	.3	1.5	.2													88	109	38	1
34/ 33		.1	.6	1.2														81	98	78	5
32/ 31	.2	.4	1.1	.6														85	110	109	14
30/ 29	.0	.5	1.7	.4														112	120	130	27
28/ 27	.2	1.9	1.5	.1														156	174	111	62
26/ 25	.1	.9	.6	.0														70	86	172	53
24/ 23	.2	1.2	.5															70	109	106	99
22/ 21	.6	1.2	.2															79	97	95	119
20/ 19	.9	1.3	.2															98	125	102	178
18/ 17	.8	1.5	.1															97	122	112	160
16/ 15	1.1	1.8	.2															120	168	135	125
14/ 13	1.0	2.3	.1															139	191	132	142
12/ 11	1.3	1.9	.2															161	210	183	162
10/ 9	3.6	2.3	.1															248	328	225	237
8/ 7	1.8	1.6	.1															182	193	134	166
6/ 5	2.5	1.4																161	222	162	204
4/ 3	2.3	1.3																147	208	187	133
2/ 1	2.5	.3																119	180	155	116
0/ -1	5.1	.3																213	352	223	218
-2/ -3	2.7	.2																121	205	121	128
-4/ -5	3.1	.6																153	216	138	168
-6/ -7	2.6																	117	161	132	119
-8/ -9	2.2																	93	183	93	120
-10/-11	2.8																	118	167	118	116
-12/-13	2.2																	92	131	92	117
-14/-15	2.1																	87	138	97	98
-16/-17	1.9																	81	133	81	99
-18/-19	2.1																	89	175	89	113
-20/-21	1.6																	65	115	65	71

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4231 SONDRESTROM GL 74-87 DEC
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-22/-27	2.3																	120	164	120	76
-28/-33	1.8																	73	104	73	55
-22/-27	2.3																	84	107	84	59
-28/-29	1.3																	55	79	55	67
-30/-31	1.1																	46	55	46	63
-32/-33	1.9																	79	93	79	51
-34/-35	.9																	36	42	36	43
-36/-37	.5																	19	23	19	42
-38/-39	.4																	18	21	18	82
-40/-41	.5																	19	33	19	100
-42/-43	.1																	4	13	4	74
-44/-45	.2																	7	7	7	50
-46/-47																					20
-48/-49																					6
-50/-51																					14
TOTAL	61.3	22.7	8.4	6.2	1.2	.2													5788		4163
																		4163		4163	

Element (X)	Σ_X'	Σ_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.	23582647	305109	73.3	17.128	4163							
Dry Bulb	2296797	16848	2.9	19.708	5788	343.7	682.9					744
Wet Bulb	1512451	12257	2.9	18.834	4163	322.2	717.2					744
Dew Point	1628451	-13579	-3.3	19.510	4163	387.8	742.9					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74271 STATION | SONDRESTROM GL STATION NAME | 74-83 YEARS | ALL MONTH

 ALL HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
74/ 73										.1	.0							2	2		
72/ 71								.0	.0	.0	.0							8	14		
70/ 69								.1	.0	.0	.0							33	37		
68/ 67						.0	.0	.1	.0	.1	.0							61	73		
66/ 65						.1	.0	.1	.1	.1								150	171		
64/ 63					.1	.2	.4	.5	.2	.0								571	629		
62/ 61				.1	.1	.2	.4	.3	.1	.1								495	589		
60/ 59			.3	.1	.2	.5	.5	.2	.0									756	898		
58/ 57		.0	.0	.1	.4	.5	.4	.1	.0									707	846	14	
56/ 55		.0	.0	.2	.7	.6	.3	.1	.0									975	1181	47	
54/ 53		.0	.1	.6	.7	.5	.3	.0										1137	1368	242	3
52/ 51		.0	.3	.7	.8	.5	.1	.1										1267	1480	571	11
50/ 49	.0	.1	.5	1.1	.5	.5	.1	.1										1519	1876	1162	46
48/ 47	.0	.3	.8	1.3	.7	.3	.1	.1										1638	1940	1814	86
46/ 45	.1	.8	2.5	1.4	1.1	.4	.1											3214	3676	2250	559
44/ 43	.1	.9	1.3	1.1	.4	.2	.1											2004	2421	2456	768
42/ 41	.4	1.5	1.1	.8	.7	.2	.1											2410	2921	2897	1335
40/ 39	.1	1.2	1.1	.9	.3	.1												1698	2071	2639	2945
38/ 37	.3	.8	1.2	.8	.2	.1												1713	1954	2254	2137
36/ 35	.2	1.2	1.1	.8	.2	.0												1619	1918	2105	2366
34/ 33	.3	.9	1.2	.6	.1													1590	1851	2462	2368
32/ 31	.3	1.1	.9	.6	.1													1509	1973	1981	2148
30/ 29	.3	1.2	1.0	.4	.1													1509	1679	1781	2300
28/ 27	.9	2.3	1.2	.2	.0													2348	2570	1958	3280
26/ 25	.3	1.2	.7	.1														1194	1362	1967	1766
24/ 23	.3	1.5	.9	.1														1388	1674	1460	2363
22/ 21	.6	1.2	.4	.1														1129	1311	1430	1687
20/ 19	.6	1.1	.3															1052	1232	1336	1682
18/ 17	.5	1.1	.2															958	1230	1278	1654
16/ 15	.7	1.2	.1															1016	1358	1218	1823
14/ 13	.6	1.3	.1															963	1323	1028	1616
12/ 11	.8	.9	.1															870	1248	1038	1888
10/ 9	1.3	1.3	.1															1334	1990	1130	1925
8/ 7	.8	.8	.0															784	1233	856	1113

Element (X)	$\Sigma_{X'}$	Σ_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.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] STATION | SONDRESTROM GL STATION NAME | 74-83 YEARS | ALL MONTH

PAGE [redacted] | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[redacted]	1.3	.7																1000	1693	1037	1252
[redacted]	1.1	.4																778	1291	832	928
[redacted]	1.3	.2																773	1241	874	927
[redacted]	2.3	.1																1242	2055	1334	1435
-2/ -3	1.3	.2																736	1198	754	807
-4/ -5	1.5	.3																903	1444	832	974
-6/ -7	1.4																	701	1047	774	769
-8/ -9	1.1																	573	916	573	757
[redacted]/-11	1.0																	539	867	539	595
[redacted]/-13	1.0																	499	797	499	598
-14/-15	.9																	463	763	463	565
-16/-17	.8																	401	633	401	520
-18/-19	1.1																	565	939	565	708
[redacted]/-21	.7																	355	571	355	456
-22/-23	.8																	428	622	428	521
-24/-25	.6																	308	444	308	337
-26/-27	.5																	274	399	274	346
-28/-29	.5																	238	329	238	292
[redacted]/-31	.5																	249	314	249	239
-32/-33	.4																	229	280	229	259
-34/-35	.3																	163	198	163	256
-36/-37	.3																	132	165	132	291
-38/-39	.1																	62	81	62	244
-40/-41	.1																	42	64	42	242
-42/-43	.1																	19	26	19	144
-44/-45	.1																	12	12	12	72
-46/-47	.1																	6	6	6	33
-48/-49	.1																	6	6	6	12
-50/-51																					24
-52/-53																					4
TOTAL	30.2	25.5	16.8	11.2	7.1	4.6	2.7	1.3	.5	.1	.0							51334	66500		51334
																		51334		51334	

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.	2701113973	36009133	70.3	17.856	51334							
Dry Bulb	73667311	1524125	22.9	24.135	66500	1868.2	5094.9	16.3	.2			8760
Wet Bulb	48361708	1144708	22.3	21.092	51334	1776.2	5489.7					8760
Dew Point	34874551	820505	16.0	20.589	51334	2191.7	6805.8					8760

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

042310 (STATION) SONDRESTROM GL (STATION NAME) 74-83 (YEARS)

HRS (LST)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
-02	MEAN	-1.0	-3.5	-.4	14.8	31.9	42.1	46.1	42.8	35.0	22.3	8.6	3.1	20.3
	S D	19.154	17.653	15.742	14.479	7.783	5.444	3.926	4.029	7.020	11.815	15.421	19.503	22.315
	TOTAL OBS	724	638	674	673	679	689	721	713	675	698	704	731	8319
3-05	MEAN	-1.1	-3.3	-1.2	13.8	30.9	40.7	44.5	41.2	33.9	21.8	8.9	2.7	19.5
	S D	19.176	17.903	16.057	15.011	7.909	5.159	3.790	4.287	7.229	11.744	15.444	19.814	21.947
	TOTAL OBS	711	629	660	654	681	682	697	706	681	694	700	727	8222
6-08	MEAN	-1.1	-3.8	-1.5	14.8	33.3	44.1	47.9	43.4	34.1	21.5	8.4	3.0	20.7
	S D	19.601	18.203	16.784	15.132	8.561	5.869	4.347	4.837	7.428	11.807	15.326	19.952	23.070
	TOTAL OBS	709	636	671	661	676	691	728	718	692	711	691	713	8297
9-11	MEAN	-1.3	-2.9	.5	18.9	37.5	48.4	53.5	49.2	38.4	23.1	8.9	3.1	23.2
	S D	19.835	17.563	16.562	15.094	9.343	6.806	5.522	5.618	7.422	12.023	15.436	19.775	24.696
	TOTAL OBS	727	637	685	667	684	682	715	714	681	718	704	730	8344
12-14	MEAN	-.7	-1.1	4.8	22.6	40.7	52.0	57.3	53.6	42.4	25.9	9.2	3.4	26.4
	S D	19.954	16.656	15.904	13.961	9.785	7.103	6.009	6.346	7.457	12.122	15.656	19.934	25.492
	TOTAL OBS	717	632	691	671	675	693	742	731	696	723	695	723	8389
15-17	MEAN	-.6	-1.2	5.9	23.4	41.7	52.9	58.1	54.3	43.2	25.7	8.7	2.6	26.3
	S D	20.232	16.475	15.143	13.445	10.079	7.187	6.184	6.598	7.471	12.261	15.510	19.591	25.787
	TOTAL OBS	709	641	689	671	669	669	716	714	685	715	688	715	8281
18-20	MEAN	-1.0	-2.2	3.0	21.2	39.6	50.7	55.5	51.0	39.7	23.7	8.4	2.5	24.7
	S D	20.093	17.096	14.719	13.412	9.075	6.894	5.623	5.685	7.287	11.729	15.570	19.777	25.024
	TOTAL OBS	732	626	667	662	687	690	721	728	694	708	690	716	8321
21-23	MEAN	-.2	-2.5	1.4	18.2	35.8	46.6	50.6	46.2	36.8	22.9	8.6	3.0	22.5
	S D	19.273	17.441	15.153	13.761	8.088	6.044	4.358	4.424	6.899	11.950	15.934	19.403	23.392
	TOTAL OBS	716	635	685	675	679	687	733	709	685	693	697	733	8327
ALL HOURS	MEAN	-.8	-2.6	1.6	18.5	36.4	47.2	51.7	47.7	38.0	23.4	8.7	2.9	22.9
	S D	19.658	17.370	15.958	14.707	9.649	7.670	6.987	7.115	8.031	12.027	15.530	19.708	24.135
	TOTAL OBS	5795	5079	5422	5334	5430	5483	5773	5733	5489	5660	5569	5788	66500

USAF ETAC FORM OCT 78 0-09-3 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

42310 SONDRESTROM GL 74-83

STATION STATION NAME YEARS

HRS (LST)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
00-02	MEAN	-2.1	-3.1	-.1	15.7	29.1	37.6	41.8	39.0	32.1	21.3	9.9	2.7	20.5
	S D	19.831	17.468	15.901	12.648	6.263	4.719	2.894	3.189	6.276	10.030	14.552	18.774	20.086
	TOTAL OBS	472	391	398	493	569	553	587	603	556	551	497	507	6177
03-05	MEAN	-2.5	-3.2	-.3	14.8	28.3	36.7	40.9	38.0	31.2	20.8	10.2	2.9	19.8
	S D	19.971	17.785	16.068	12.977	6.330	4.498	2.863	3.480	6.435	10.184	14.556	18.879	19.877
	TOTAL OBS	467	390	402	484	560	550	563	593	561	555	499	510	6134
06-08	MEAN	-2.5	-3.7	-.8	15.4	30.2	38.9	43.1	39.7	31.3	20.7	9.6	3.2	20.9
	S D	20.416	18.099	16.879	13.165	6.672	4.688	2.812	3.595	6.617	10.250	14.532	18.964	20.634
	TOTAL OBS	463	391	404	501	578	572	612	611	570	558	487	507	6254
09-11	MEAN	-2.8	-4.0	.8	18.4	33.4	41.7	46.6	43.2	34.4	21.6	10.6	2.7	22.2
	S D	19.703	17.621	16.280	13.036	6.817	4.920	3.287	3.582	6.274	10.439	14.376	18.840	21.744
	TOTAL OBS	512	435	487	577	616	602	633	610	554	574	527	541	6668
12-14	MEAN	-2.2	-1.8	5.0	21.2	35.5	43.7	48.7	45.5	37.1	23.8	10.8	3.2	24.3
	S D	19.865	16.315	15.157	11.677	6.947	4.988	3.496	3.737	5.858	10.125	14.512	18.919	21.781
	TOTAL OBS	510	440	513	596	605	614	656	625	576	580	531	538	6784
15-17	MEAN	-2.1	-1.9	5.9	22.0	36.1	44.3	49.0	45.9	37.8	23.8	10.3	2.6	24.4
	S D	20.071	16.218	14.304	11.132	6.961	4.947	3.511	3.743	5.575	10.030	14.485	18.748	21.934
	TOTAL OBS	514	442	519	588	609	590	642	616	560	577	515	540	6712
18-20	MEAN	-2.0	-2.3	4.1	20.3	34.5	43.1	47.2	44.0	35.5	22.3	10.0	3.1	23.5
	S D	20.337	16.523	14.217	11.240	6.677	4.839	3.257	3.363	5.933	9.729	14.745	18.773	21.322
	TOTAL OBS	491	398	431	582	596	562	592	620	569	568	503	523	6395
21-23	MEAN	-1.0	-2.3	2.2	18.7	31.9	40.7	44.6	41.3	33.6	21.8	10.1	3.1	22.4
	S D	19.538	17.580	15.259	11.887	6.428	4.703	2.964	3.241	6.048	9.995	15.154	18.897	20.543
	TOTAL OBS	468	384	416	509	572	553	597	605	561	557	491	497	6210
ALL HOURS	MEAN	-2.2	-2.8	2.3	18.5	32.5	40.9	45.3	42.1	34.1	22.0	10.2	2.9	22.1
	S D	19.949	17.171	15.670	12.471	7.193	5.481	4.284	4.495	6.579	10.157	14.604	18.834	21.092
	TOTAL OBS	3897	3271	3570	4290	4705	4596	4882	4883	4507	4520	4050	4163	51334

USAF ETAC FORM OCT 76 0-89-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

(42317) SONDRESTROM GL 74-83
STATION STATION NAME YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	-8.5	-8.2	-4.2	11.3	24.3	31.6	36.4	34.1	26.8	15.9	4.3	-3.7	15.2
	S D	21.259	18.372	15.673	12.711	7.112	6.729	4.705	5.146	8.252	10.087	15.194	19.959	20.375
	TOTAL OBS	472	391	398	493	569	553	587	603	556	551	497	507	6177
03-05	MEAN	-9.	-8.3	-4.2	10.6	23.6	31.4	36.3	33.7	26.0	15.5	4.7	-3.5	14.8
	S D	21.449	18.630	15.979	12.825	7.252	6.773	4.706	5.352	8.486	10.506	14.973	20.048	20.352
	TOTAL OBS	467	390	402	484	560	550	563	593	561	555	499	510	6134
06-08	MEAN	-9.	-8.8	-4.7	10.9	24.5	31.9	37.4	34.7	25.8	15.5	4.0	-3.1	15.4
	S D	21.834	19.128	16.508	12.963	7.392	7.111	4.706	5.395	8.812	10.455	15.019	19.934	20.717
	TOTAL OBS	463	391	404	501	578	572	612	611	570	558	487	507	6254
09-11	MEAN	-8.9	-8.8	-3.5	12.5	25.8	33.0	38.9	36.0	27.1	15.9	5.1	-3.5	15.7
	S D	21.025	18.573	15.818	12.703	7.318	6.988	4.751	5.278	8.642	10.577	14.982	19.610	21.044
	TOTAL OBS	512	435	487	577	616	602	633	610	554	574	527	541	6668
12-14	MEAN	-8.4	-6.9	-.2	14.1	26.7	33.4	39.5	36.3	28.1	17.1	5.0	-3.1	16.7
	S D	21.026	17.071	14.337	11.482	7.360	6.914	4.755	5.160	8.188	10.120	15.008	19.528	20.602
	TOTAL OBS	510	440	513	596	605	614	656	625	576	582	531	538	6786
15-17	MEAN	-8.4	-6.9	.6	14.9	26.9	34.0	39.7	36.5	29.1	17.4	5.0	-3.3	16.9
	S D	20.969	16.997	13.507	11.126	7.439	6.794	4.791	4.916	7.532	10.006	14.960	19.723	20.643
	TOTAL OBS	514	442	519	588	609	590	642	616	563	577	515	540	6712
18-20	MEAN	-8.6	-7.2	-.7	14.3	26.5	33.6	38.6	36.0	28.3	16.5	4.4	-2.9	16.6
	S D	21.469	17.220	13.694	11.388	7.126	6.680	4.746	4.875	7.727	9.872	15.371	19.623	20.493
	TOTAL OBS	491	398	431	542	596	562	592	620	569	568	503	523	6395
21-23	MEAN	-7.3	-7.2	-2.2	13.9	25.8	33.0	37.6	35.3	28.0	16.4	4.5	-3.1	16.5
	S D	20.387	18.065	14.631	12.017	6.999	6.561	4.758	4.936	7.973	9.981	15.711	19.987	20.332
	TOTAL OBS	468	384	416	509	572	553	597	605	561	557	491	497	6213
ALL HOURS	MEAN	-8.5	-7.8	-2.2	12.9	25.5	32.8	38.1	35.3	27.4	16.3	4.6	-3.3	16.0
	S D	21.157	17.980	14.979	12.228	7.337	6.879	4.900	5.226	8.278	10.217	15.142	19.780	20.589
	TOTAL OBS	3897	3271	3570	4290	4705	4596	4882	4883	4507	4520	4050	4163	51334

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

042310 SONDRESTROM GL 75-83 JAN
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	00-02	100.0	99.8	98.3	96.4	84.1	75.0	62.9	41.3	16.9	73.1	472
	03-05	100.0	99.8	98.3	96.4	83.5	75.2	62.3	44.3	15.8	72.7	467
	06-08	100.0	100.0	99.4	97.0	82.5	72.1	62.0	40.0	17.3	72.6	463
	09-11	100.0	100.0	99.0	96.1	85.7	75.4	64.3	46.3	19.5	74.0	512
	12-14	100.0	100.0	99.0	96.1	86.1	73.5	62.5	44.3	17.6	73.3	510
	15-17	100.0	100.0	99.2	96.1	83.5	73.3	60.9	43.6	19.3	73.3	514
	18-20	100.0	100.0	99.2	95.7	81.5	72.3	58.0	39.1	14.9	71.9	491
	21-23	100.0	99.8	98.1	96.4	88.5	72.9	59.8	40.8	16.9	72.9	468
TOTALS		100.0	99.9	98.8	96.3	84.4	73.7	61.6	42.5	17.3	73.0	3897

USAFETAC FORM 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

42310 SONDRESTROM GL 75-83 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	98.7	96.9	95.1	86.4	75.2	50.4	18.9	78.0	391
	03-05	100.0	100.0	98.2	96.7	95.9	86.4	72.1	53.8	22.8	78.1	390
	06-08	100.0	100.0	98.0	96.2	96.2	87.7	72.9	52.7	21.5	78.1	391
	09-11	100.0	100.0	97.7	96.6	96.3	90.1	74.0	58.4	23.2	79.3	435
	12-14	100.0	100.0	98.2	96.6	95.9	90.0	73.2	50.9	20.0	78.3	440
	15-17	100.0	99.8	98.6	97.1	96.2	89.1	75.1	51.4	20.4	78.5	442
	18-20	100.0	100.0	99.2	97.7	96.7	88.2	74.6	51.8	18.6	78.6	398
	21-23	100.0	100.0	99.2	97.7	94.8	85.2	73.2	54.4	20.6	78.2	384
TOTALS		100.0	100.0	98.5	96.9	95.9	87.9	74.0	53.0	20.8	78.4	3271

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

[illegible] SONDRESTROM GL 76-83 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	100.0	100.0	96.5	92.2	83.4	63.3	22.9	81.4	398
	03-05	100.0	100.0	100.0	100.0	98.5	93.5	85.3	69.7	24.9	82.2	402
	06-08	100.0	100.0	100.0	100.0	97.8	91.1	84.7	65.6	24.8	81.7	404
	09-11	100.0	100.0	100.0	99.8	98.2	91.8	83.0	59.3	21.4	80.6	487
	12-14	100.0	100.0	100.0	99.8	97.9	88.9	74.5	42.1	10.1	76.5	513
	15-17	100.0	100.0	100.0	100.0	97.9	88.2	73.8	38.9	7.9	76.0	519
	18-20	100.0	100.0	100.0	100.0	98.4	91.4	78.4	48.3	14.8	78.3	431
	21-23	100.0	100.0	100.0	100.0	98.3	91.6	81.7	60.1	16.6	79.9	416
TOTALS		100.0	100.0	100.0	100.0	97.9	91.1	80.6	55.9	17.9	79.6	3570

USAFETAC FORM AM 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

[redacted]2310 SONDRESTROM GL 76-83 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	100.0	100.0	99.4	91.7	77.3	50.7	19.7	79.4	493
	03-05	100.0	100.0	100.0	100.0	99.2	94.0	79.1	52.9	23.6	80.4	484
	06-08	100.0	100.0	100.0	100.0	98.8	92.4	75.4	45.9	22.6	78.8	501
	09-11	100.0	100.0	100.0	99.7	96.4	79.0	57.2	28.2	8.8	72.6	577
	12-14	100.0	100.0	100.0	98.5	87.1	69.8	44.3	14.9	3.0	67.6	596
	15-17	100.0	100.0	99.7	98.1	87.6	68.7	45.2	16.5	4.4	67.6	588
	18-20	100.0	100.0	100.0	98.7	94.6	79.5	55.7	24.7	8.9	72.1	542
	21-23	100.0	100.0	100.0	100.0	98.6	91.2	72.5	41.1	14.3	77.4	509
TOTALS		100.0	100.0	100.0	99.4	95.2	83.3	63.3	34.4	13.2	74.5	4290

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

042310 SONDRESTROM GL 75-83 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	99.8	99.8	98.4	86.6	64.3	39.0	11.6	75.5	569
	03-05	100.0	100.0	100.0	100.0	97.3	87.3	67.7	43.4	16.1	76.7	560
	06-08	100.0	100.0	100.0	99.5	91.0	74.6	53.1	31.7	13.0	71.7	578
	09-11	100.0	100.0	99.4	94.3	77.6	53.7	30.5	15.3	6.0	63.5	616
	12-14	100.0	100.0	99.2	87.8	65.5	42.6	20.8	7.4	3.0	58.3	605
	15-17	100.0	100.0	98.4	83.3	61.6	38.8	16.6	6.4	3.1	56.6	609
	18-20	100.0	100.0	99.8	91.8	74.5	50.5	25.2	10.7	3.5	61.4	596
	21-23	100.0	100.0	99.5	99.3	92.8	73.3	44.1	21.0	5.8	69.3	572
TOTALS		100.0	100.0	99.5	94.5	82.3	63.4	40.3	21.9	7.8	66.6	4705

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

042310 SONDRESTROM GL 74,76-82 JUN
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%		
JUN	00-02	100.0	100.0	100.0	94.6	80.8	70.0	51.9	29.1	12.1	69.5	553
	03-05	100.0	100.0	100.0	94.5	84.2	74.2	60.4	40.5	17.1	72.8	550
	06-08	100.0	100.0	97.7	87.4	75.3	59.4	43.5	24.8	9.4	65.5	572
	09-11	100.0	100.0	93.2	81.7	64.6	45.8	24.9	10.8	4.0	58.3	602
	12-14	100.0	99.7	91.4	72.6	52.3	28.8	12.7	4.7	1.8	51.9	614
	15-17	100.0	99.5	91.2	72.4	44.4	28.0	13.4	6.8	2.0	51.4	590
	18-20	100.0	99.8	92.9	77.2	51.8	37.4	19.9	8.4	1.8	54.6	562
	21-23	100.0	100.0	97.8	88.8	69.6	52.3	31.8	17.7	5.1	62.2	553
TOTALS		100.0	99.9	95.5	83.7	65.4	49.5	32.3	17.9	6.7	60.8	4596

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

042310 STATION | SONDRESTROM GL STATION NAME | 74,76-82 PERIOD | JUL MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	98.1	85.2	74.6	54.9	27.1	9.7	70.5	587
	03-05	100.0	100.0	100.0	98.8	87.4	80.5	64.3	42.3	15.6	74.6	563
	06-08	100.0	100.0	99.5	95.4	82.7	72.5	53.1	26.3	10.0	69.3	612
	09-11	100.0	100.0	97.3	90.5	70.9	45.8	28.1	11.4	4.3	60.0	633
	12-14	100.0	100.0	96.2	80.6	51.4	28.0	16.3	7.8	3.4	53.7	656
	15-17	100.0	100.0	96.6	75.1	49.1	27.9	16.2	7.0	3.4	53.1	642
	18-20	100.0	100.0	96.6	84.5	60.0	36.0	19.8	8.8	3.7	56.1	592
	21-23	100.0	100.0	99.5	93.5	77.9	58.0	33.3	13.1	6.0	63.4	597
TOTALS		100.0	100.0	98.2	89.6	70.6	52.9	35.8	18.0	7.0	62.6	4882

USAPETAC FORM AUG 84 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

042310 SONDRESTROM GL 74,76-82 AUG

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%		
AUG	00-02	100.0	100.0	99.8	98.7	86.6	77.6	61.0	38.3	13.3	73.3	603
	03-05	100.0	100.0	100.0	99.0	89.7	79.9	67.8	52.3	22.4	76.9	593
	06-08	100.0	100.0	99.5	95.9	86.9	73.8	61.2	41.2	18.5	73.4	611
	09-11	100.0	100.0	98.2	90.5	70.3	54.1	36.1	17.7	7.2	63.1	610
	12-14	100.0	100.0	95.0	78.1	53.9	35.5	20.5	7.0	2.2	54.7	625
	15-17	100.0	100.0	95.6	76.0	53.2	33.0	19.2	7.5	2.9	53.9	616
	18-20	100.0	100.0	97.4	87.7	65.0	45.6	28.1	12.1	5.6	59.5	620
	21-23	100.0	100.0	100.0	96.2	84.6	69.8	43.6	23.1	8.8	68.0	605
TOTALS		100.0	100.0	98.2	90.3	73.8	58.7	42.2	24.9	10.1	65.4	4883

USAFETAC FORM AR 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

042310 SONDRESTROM GL 74,76-82 SEP
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%		
SEP	00-02	100.0	100.0	99.8	95.1	86.0	79.1	59.9	39.9	20.9	73.9	556
	03-05	100.0	100.0	99.8	95.4	85.4	79.7	61.1	46.0	26.0	75.0	561
	06-08	100.0	100.0	98.8	93.5	83.5	76.7	59.8	43.2	24.2	73.9	570
	09-11	100.0	100.0	98.0	87.9	75.5	61.4	38.8	26.7	15.2	66.1	554
	12-14	100.0	99.8	96.5	80.9	61.6	42.9	25.3	14.6	7.3	58.7	576
	15-17	100.0	100.0	95.7	81.4	61.1	42.1	25.0	14.6	9.1	59.1	560
	18-20	100.0	100.0	98.8	89.8	77.3	57.3	36.6	21.3	12.1	65.2	569
	21-23	100.0	100.0	100.0	94.5	86.6	76.3	50.1	31.7	18.2	71.9	561
TOTALS		100.0	100.0	98.4	89.8	77.1	60.4	40.6	29.8	16.6	68.0	4507

USAFETAC FORM AWS 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

042310 SONDRESTROM GL 74,76-82 OCT
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%		
OCT	00-02	100.0	100.0	99.5	96.0	88.7	75.9	65.3	47.7	26.3	75.7	551
	03-05	100.0	100.0	99.3	96.6	88.8	77.7	66.5	49.7	27.2	76.2	555
	06-08	100.0	100.0	99.3	96.6	87.6	77.1	67.6	51.4	28.5	76.6	558
	09-11	100.0	99.8	99.3	95.5	87.5	74.9	63.9	44.6	22.8	74.3	574
	12-14	100.0	100.0	98.4	94.3	83.6	69.1	49.7	30.9	16.0	69.8	580
	15-17	100.0	100.0	99.0	93.4	84.4	71.4	54.2	35.4	17.2	70.9	577
	18-20	100.0	100.0	99.5	95.6	85.9	74.8	61.8	43.5	22.5	74.0	568
	21-23	100.0	100.0	99.5	95.9	89.4	75.0	64.6	48.8	27.1	75.5	557
TOTALS		100.0	100.0	99.2	95.5	87.0	74.5	61.7	44.0	23.5	74.1	4520

USAFETAC FORM 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

042310 SONDRESTROM GL 74-82 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	96.6	90.1	79.5	66.8	49.9	23.5	76.0	497
	03-05	100.0	100.0	100.0	97.8	90.4	79.8	67.1	45.1	24.6	75.9	499
	06-08	100.0	100.0	100.0	98.6	91.2	78.9	66.1	46.4	21.8	75.6	487
	09-11	100.0	100.0	100.0	98.5	91.8	80.3	64.5	46.5	25.0	75.8	527
	12-14	100.0	100.0	100.0	99.2	91.0	78.5	62.3	43.1	22.4	75.0	531
	15-17	100.0	100.0	100.0	99.2	92.4	81.9	66.6	49.9	24.3	76.7	515
	18-20	100.0	100.0	100.0	99.0	89.5	79.9	67.0	46.9	24.9	76.0	503
	21-23	100.0	100.0	100.0	97.1	89.4	78.4	67.2	48.3	22.8	75.8	491
TOTALS		100.0	100.0	100.0	98.3	90.7	79.7	66.0	47.0	23.7	75.9	4050

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

042310 SONDRESTROM GL 74-82 DEC
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%		
DEC	00-02	100.0	100.0	100.0	96.6	81.3	72.8	63.1	41.4	17.6	72.5	507
	03-05	100.0	100.0	100.0	96.5	82.4	73.3	59.8	42.7	17.6	72.7	510
	06-08	100.0	100.0	100.0	96.6	84.8	74.2	61.3	41.4	15.8	72.6	507
	09-11	100.0	100.0	100.0	97.6	84.7	76.3	63.4	43.8	17.0	73.4	541
	12-14	100.0	100.0	99.8	98.1	83.3	75.3	60.8	42.0	17.1	72.9	538
	15-17	100.0	100.0	100.0	98.3	83.9	78.1	64.8	47.6	18.3	74.5	540
	18-20	100.0	100.0	100.0	97.5	82.8	75.7	64.1	45.5	20.8	74.0	523
	21-23	100.0	100.0	100.0	97.4	83.3	73.6	62.6	43.3	20.9	73.5	497
TOTALS		100.0	100.0	100.0	97.3	83.3	74.9	62.5	43.5	18.1	73.3	4163

USAFETAC FORM 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

2

[illegible]2312 SONDRESTROM GL 74-83 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	99.9	98.8	96.3	84.4	73.7	61.6	42.5	17.3	73.0	3897
FEB		100.0	100.0	98.5	96.9	95.9	87.9	74.0	53.0	20.8	78.4	3271
MAR		100.0	100.0	100.0	100.0	97.9	91.1	80.6	55.9	17.9	79.6	3570
APR		100.0	100.0	100.0	99.4	95.2	83.3	63.3	34.4	13.2	74.5	4290
MAY		100.0	100.0	99.5	94.5	82.3	63.4	40.3	21.9	7.8	66.6	4705
JUN		100.0	99.9	95.5	83.7	65.4	49.5	32.3	17.9	6.7	60.8	4596
JUL		100.0	100.0	98.2	89.6	70.6	52.9	35.8	18.0	7.0	62.6	4882
AUG		100.0	100.0	98.2	90.3	73.8	58.7	42.2	24.9	10.1	65.4	4883
SEP		100.0	100.0	98.4	89.8	77.1	64.4	44.6	29.8	16.6	68.0	4507
OCT		100.0	100.0	99.2	95.5	87.0	74.5	61.7	44.0	23.5	74.1	4520
NOV		100.0	100.0	100.0	98.3	90.7	79.7	66.0	47.0	23.7	75.9	4050
DEC		100.0	100.0	100.0	97.3	83.3	74.9	62.5	43.5	18.1	73.3	4163
TOTALS		100.0	100.0	98.9	94.3	83.6	71.2	55.4	36.1	15.2	71.0	51334

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

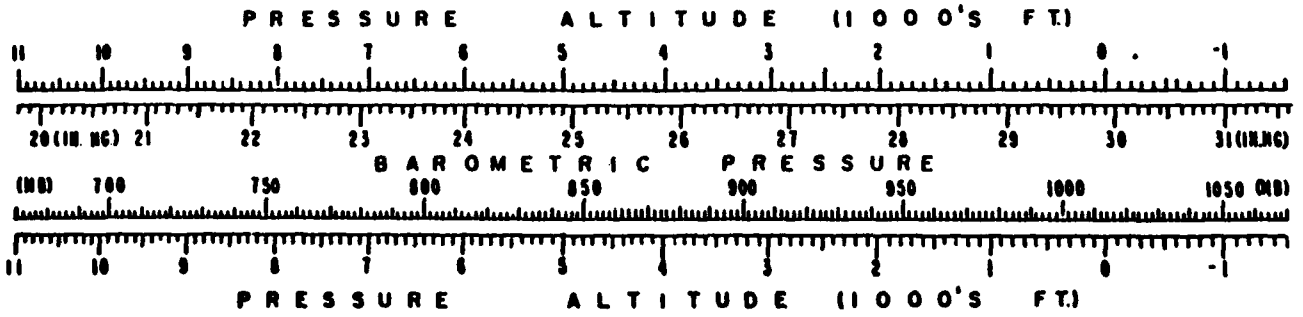
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided 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.

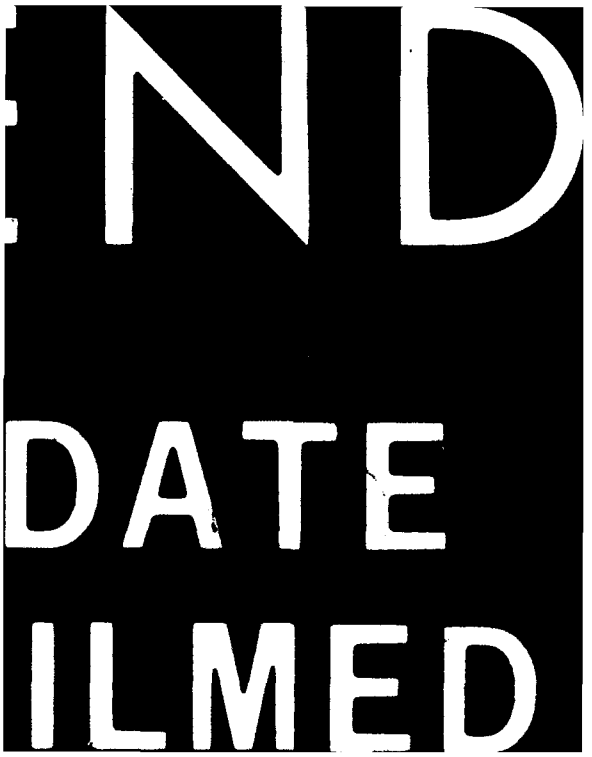
NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars. DATA NOT AVAILABLE

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.




ND
DATE
ILMED