

PHOTOGRAPH THIS SHEET

ALA 083303

DTIC ACCESSION NUMBER

III

LEVEL



ATTENTION:
Camera Operator
When Filming attached document
use Bell & Howell camera ONLY!!!

1

INVENTORY

Consult with Supervisor for
further instructions.

USA FETAC/DS-80/030
DOCUMENT IDENTIFICATION

DISTRIBUTION STATEMENT A

Approved for public release;
Distribution Unlimited

DISTRIBUTION STATEMENT

ACCESSION FOR	
NTIS	GRA&I <input checked="" type="checkbox"/>
DTIC	TAB <input type="checkbox"/>
UNANNOUNCED	<input type="checkbox"/>
JUSTIFICATION	
BY	
DISTRIBUTION /	
AVAILABILITY CODES	
DIST	AVAIL AND/OR SPECIAL
A	23 DN.

DISTRIBUTION STAMP

DTIC
ELECTE
APR 23 1980
S D
D

DATE ACCESSIONED

THIS DOCUMENT IS BEST QUALITY PRACTICABLE.
THE COPY FURNISHED CONTAINS A
SIGNIFICANT NUMBER OF PAGES WHICH DO NOT
REPRODUCE LEGIBLY.

DATE RECEIVED IN DTIC

PHOTOGRAPH THIS SHEET AND RETURN TO DTIC-DDA-2

DISCLAIMER NOTICE

**THIS DOCUMENT IS BEST QUALITY
PRACTICABLE. THE COPY FURNISHED
TO DTIC CONTAINED A SIGNIFICANT
NUMBER OF PAGES WHICH DO NOT
REPRODUCE LEGIBLY.**

USAFETAC/DS-80/030

DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

SEYMOUR - JOHNSON AFB NC WBAN # 13713
N 35 20 W 077 58 FLD ELEV 109 FT GSB WMO #

PARTS A-F

FOR FROM HOURLY OBS: SEP 67 - DEC 70, JAN 73 - AUG 79

FOR FROM DAILY OBS : SEP 57 - AUG 79

TIME CONVERSION GMT TO LST: -5

MAR 31 1980

AWS TECHNICAL LIBRARY
FL 4414
SCOTT AFB, IL 62220

APR 1980

FEDERAL BUILDING
ASHEVILLE, N. C.

ADA083303

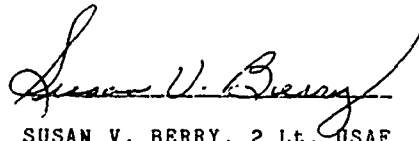
80 4 22 049

559-4820 b

Review and Approval Statement

This report is approved for public release. There is no objection to unlimited distribution of this report to the public at large, or by DDC to the National Technical Information Service (NTIS).

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



SUSAN V. BERRY, 2 Lt, USAF

Information Retrieval
Manager

FOR THE COMMANDER



WALTER S. BURGANN

Scientific & Technical
Information Officer

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1 REPORT NUMBER	2 GOVT ACCESSION NO.	3 RECIPIENT'S CATALOG NUMBER
USAFETAC/DS-80/030		
4 TITLE (and Subtitle)		5 TYPE OF REPORT & PERIOD COVERED
Revised Uniform Summary of Surface Weather Observations (RUSSWO)-Seymour-Johnson AFB, GOLDSBORO, NORTH CAROLINA		Final rept.
7 AUTHOR(s)		6 PERFORMING ORG. REPORT NUMBER
9 PERFORMING ORGANIZATION NAME AND ADDRESS		8 CONTRACT OR GRANT NUMBER(s)
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		12 REPORT DATE
USAFETAC/CBD Air Weather Service (MAC) Scott AFB IL 62225		31 Mar 80
14 MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)		13 NUMBER OF PAGES
		p.
		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		
This supercedes AD-A074 670		
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 Seymour-Johnson AFB, Goldsboro, North Carolina		
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 1473
1 JAN 73

UNCLASSIFIED

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

* North Carolina

* Seymour-Johnson AFB, NC

20. and dew-point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurrence tables.

UNCLASSIFIED

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATION 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 compiled into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

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

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

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

WET BULB MAX & MIN TEMP

PSYCHROMETRIC DRY VS WET BULB

MEAN & STD DEV
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

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

AND _____

APRIL _____

MAY _____

JUNE _____

JULY _____

AUGUST _____

SEPTEMBER _____

OCTOBER _____

NOVEMBER _____

DECEMBER _____

STATION NO OR SUMMARY 13713	STATION NAME SEYMOUR-JOHNSON AFB NC/GOLDSBORO	LATITUDE N 35 20	LONGITUDE W 077 58	FIELD ELEV (FT) 109	CALL SIGN GSB	WIND PUMP 'R
--------------------------------	--	---------------------	-----------------------	------------------------	------------------	--------------

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT BARD.	
1	Seymour-Johnson AFB NC	AFB	Sep 57	Sep 60	N 35 20	W 077 58	109 ft	100 ft	24
2	Same	Same	Oct 60	Dec 70	Same	Same	Same	85 ft	24
3	Same	Same	Jan 71	Aug 79	Same	Same	Same	Same	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Sep 57	Located on roof of operations bldg.	GMQ-1	ML 204B	26 ft	
2	Jan 58	Located 50 ft SW of active runway 080/260.	GMQ-11	N/A	14 ft	
3	Mar 59	Located on top of control tower.	GMQ-1	N/A	110 ft	
4	Jun 59	Located 500 ft SE of intersection of runways 36/18 and 08/26.	GMQ-11	RO-2	14 ft	
5	Mar 61	Located at intersection of line running parallel to and terminating 850 ft from W end of runway 08.	Same	Same	21 ft	
6	Nov 62	1. Same as above. 2. Located at intersection of line running parallel to and terminating 850 ft from E end of runway 260.	Same Same	Same	Same 15 ft	

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
7	Mar 65	1. Located at end of rnwy 08. 2. Located at end of rnwy 26.	Same Same	Same	13 ft Same	
8	Mar 70	1. Same 2. Same	Same Same	Same	Same Same	
9	Apr 70	1. Same 2. Same	Same Same	RO-362	Same Same	
10	Mar 71	1. Same 2. Same	GMO-20 Same	Same	Same Same	
11	Sep 79	1. Same 2. Same	Same Same	Same	Same Same	

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART A

WEATHER CONDITIONS

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

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

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

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

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

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

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

Hail - Occurrences of hail and small hail are included.

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

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

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

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

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

Continued on Reverse

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

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

2 DATA PROCESSING BRANCH
 USAF FTAC
 AF WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
 (FROM DAILY OBSERVATIONS)

1973 SEYMOUR-JOHNSON AFB NC 57-70
 STATION STATION NAME YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1000-2000	OVER 2000			MEAN	GREATEST	LEAST
JAN	41.3	5.5	.6	.4	.7	.6	.1	.3						2.0	60	1.0	17.1	.7
FEB	51.9	5.8	1.1	.3	.2			.5						2.3	60	1.7	13.0	.7
MAR	5.7	2.5	.3	.7		.7		.1						1.0	662	.2	9.4	.7
APR	50.0														650	.0	.0	.0
MAY	60.0														600	.0	.0	.0
JUN	60.0														656	.0	.0	.0
JUL	70.0														679	.0	.0	.0
AUG	60.0														682	.0	.0	.0
SEP	60.0														663	.0	.0	.0
OCT	60.0														682	.0	.0	.0
NOV	99.1	.8	.2											.2	660	TRACE	.3	.7
DEC	96.2	2.6	.4	.1	.3				.1					1.0	687	.9	14.9	.7
ANNUAL	97.9	1.5	.2	.1	.1	.1	.0	.1	.0					.5	8023	5.2		

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

1973 SEYMOUR-JOHNSON AFB NC 68-70, 73-79 JAN
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	00-02	.2	9.2	1.9	1.4		11.9	17.1	3.9			2.06	930
	03-05	.1	10.3	1.3	1.4		12.7	20.2	3.0	.1		23.0	930
	06-09	.2	10.6	.9	.9		12.3	24.2	6.7			27.5	930
	09-11		9.7	.6	1.6	.1	11.6	17.3	8.2			22.8	930
	12-14	.1	10.4	.6	2.4		13.2	12.7	6.5			17.4	930
	15-17	.2	10.9	.2	1.6		12.3	10.1	5.6			14.8	930
	18-20		11.2	1.2	.6		12.8	14.0	4.9			17.0	930
	21-23		11.7	1.9	1.2		14.2	14.7	4.9			16.7	930
TOTALS		.1	10.5	1.1	1.4	.0	12.6	16.2	5.5	.0		20.3	7440

2

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13713
 STATION

SEYMOUR-JOHNSON AFB NC
 STATION NAME

68-77, 73-79
 YEARS

FEB
 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
FEB	00-02		5.9	.6	1.8		8.0	11.0	4.0	.2	.6	15.5	846
	03-05		6.9	.9	2.4		9.6	14.8	4.4	.4	.7	18.6	846
	06-08	.1	6.7	.8	2.1		9.0	20.0	7.7	.4	.7	25.2	846
	09-11	.1	7.4	.5	1.8		9.5	12.9	9.3	.4	.5	22.0	846
	12-14	.4	8.9	.4	2.2	.1	11.1	9.2	4.8	.8	.4	14.2	846
	15-17	.1	7.4	.2	2.2	.1	9.5	8.4	4.3	.7	.4	12.9	846
	18-20	.5	7.7	.1	1.5		8.7	9.8	3.1	.5	.6	13.6	846
	21-23	.4	8.2	.4	.9		9.5	9.9	3.4	.1	.7	13.9	846
TOTALS		.2	7.4	.5	1.9	.0	9.4	12.0	5.1	.4	.6	17.0	6758

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

MAR
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	.8	10.1	.3	.3		10.4	15.9	4.6			19.5	930
	03-05	.4	11.7	.3	.4		12.3	22.0	5.8			25.6	930
	06-08	.2	11.1	.2	.8		11.8	29.0	6.9			32.8	930
	09-11	.3	12.4		.2		12.5	15.4	3.9			19.1	930
	12-14	.4	10.2				10.2	9.4	2.6		.5	12.3	930
	15-17	.5	9.7				9.7	7.1	2.9		1.0	10.6	930
	18-20	.9	10.8		.1		10.9	9.5	3.3		.5	13.1	930
	21-23	.5	9.5		.8		9.8	12.6	3.3		.1	15.6	930
TOTALS		.5	10.7	.1	.3		11.0	15.1	4.2		.3	18.6	7440

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

17713 SEYMOUR-JOHNSON AFB NC 68-70, 73-79 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	1.3	8.6				8.6	10.7	5.7		.1	14.3	900
	03-05	.6	8.7				8.7	18.3	6.2			22.3	900
	06-08		7.7				7.7	21.9	10.6			26.9	900
	09-11	.1	6.3				6.3	6.2	4.9		.2	10.8	900
	12-14		4.8				4.8	3.3	3.8		1.2	6.9	900
	15-17	1.0	4.8				4.8	2.6	4.3		2.2	7.6	900
	18-20	1.6	5.2				5.2	3.8	4.0		.6	7.7	900
	21-23	1.0	6.9				6.9	5.9	4.4		.1	9.7	900
TOTALS		.7	6.6				6.6	9.1	5.7		.6	13.2	7200

2

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13713
 STATION

SEYMOUR-JOHNSON AFB NC
 STATION NAME

68-70, 73-79
 YEARS

MAY
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAY	00-02	.9	7.3				7.3	17.7	15.5			31.7	730
	03-05	.8	6.5				6.5	35.1	19.5			46.1	929
	06-08	.3	5.6				5.6	39.7	21.9			49.0	930
	09-11	.1	6.8				6.8	8.7	13.4			20.5	930
	12-14	.8	6.6				6.6	3.3	9.7		.1	13.1	930
	15-17	2.6	7.1				7.1	2.4	9.0		.3	11.7	930
	18-20	3.2	7.3				7.3	3.6	10.5		.2	14.0	929
	21-23	1.9	6.5				6.5	7.3	13.8			19.3	929
TOTALS		1.3	6.7				6.7	14.2	14.2		.1	25.8	7437

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13713
STATIONSEYMOUR-JOHNSON AFB NC
STATION NAME68-70, 73-79
YEARSJUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUN	00-02	1.9	4.8				4.8	25.8	32.4			46.0	900
	03-05	.4	3.4				3.4	50.3	36.4			62.8	900
	06-08	.3	3.6				3.6	40.4	33.9			56.7	900
	09-11	.7	3.7				3.7	5.7	20.7			24.0	900
	12-14	2.6	4.1				4.1	2.1	15.2			16.0	900
	15-17	5.4	6.9				6.9	1.9	14.7			15.3	900
	18-20	5.9	7.2				7.2	4.2	18.1			20.0	900
	21-23	3.1	5.9				5.9	9.8	25.4			29.3	900
TOTALS		2.5	5.0				5.0	17.5	24.6			33.8	7200

2

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13713 SEYMOUR-JOHNSON AFB NC 68-70, 73-79 JUL
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUL	00-02	1.9	3.7				3.7	29.6	44.5			55.8	930
	03-05	1.6	3.5				3.5	48.0	46.2			68.3	930
	06-08	1.1	5.9				5.9	48.3	44.1		.1	67.3	930
	09-11	.6	3.8				3.8	7.8	34.2			38.9	930
	12-14	3.1	5.3				5.3	2.0	30.0			31.3	930
	15-17	7.4	9.4				9.4	1.4	28.8			30.0	929
	18-20	8.8	11.2				11.2	5.3	32.2			34.9	930
	21-23	3.9	8.2				8.2	13.9	40.4			45.7	930
TOTALS		3.6	6.4				6.4	19.5	37.6		.0	46.5	7439

2

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13713
 STATION

SEYMOUR-JOHNSON AFB NC
 STATION NAME

68-70, 73-79
 YEARS

AUG
 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
AUG	00-02	.8	2.7				2.7	31.1	44.7			56.9	930
	03-05	.4	2.6				2.6	51.5	42.7			69.3	930
	06-08	.5	3.1				3.1	59.0	41.8			73.3	930
	09-11	.1	3.9				3.9	8.1	34.7			38.6	930
	12-14	2.9	6.8				6.8	1.2	26.6			27.5	930
	15-17	6.6	10.3				10.3	1.5	26.6			27.8	930
	18-20	6.4	7.3				7.3	4.6	30.0			33.4	928
	21-23	2.6	5.8				5.8	12.8	35.9			42.1	927
TOTALS		2.5	5.3				5.3	21.2	35.4			46.1	7435

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13713 SEYMOUR-JOHNSON AFB NC 67-70,73-78 SEP
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
SEP	00-02	.9	4.6				4.6	31.9	32.0			48.8	900
	03-05	.6	4.9				4.9	53.4	33.0			66.7	900
	06-08	.4	5.4				5.4	57.0	34.4			69.2	900
	09-11	.3	4.9				4.9	10.4	24.6			31.3	900
	12-14	.9	4.9				4.9	1.9	15.0			16.0	900
	15-17	2.0	4.9				4.9	.8	14.3		.1	15.1	900
	18-20	1.8	6.3				6.3	4.6	21.4			24.6	900
	21-23	.4	4.4				4.4	13.7	27.1			34.0	900
TOTALS		.9	5.0				5.0	21.7	25.3		.0	38.2	7200

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13713 SEYMOUR-JOHNSON AFB NC 67-70,73-78 OCT
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
OCT	00-02	.1	6.5				6.5	24.1	26.2			39.9	930
	03-05	.5	5.3				5.3	40.2	28.1			54.0	930
	06-08	.1	6.3				6.3	48.1	26.3			57.4	930
	09-11		4.8				4.8	12.4	18.8			27.3	930
	12-14	.1	4.0				4.0	3.0	8.9			11.5	930
	15-17		5.7				5.7	2.0	8.8			10.9	930
	18-20	.9	5.7				5.7	5.5	12.8			16.9	930
	21-23	.2	5.5				5.5	11.3	18.8			25.4	930
TOTALS		.2	5.5				5.5	18.3	18.6			30.4	7440

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-73, 73-76
YEARS

NOV
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	7.3				7.3	19.2	12.9			27.8	900
	03-05	.4	7.7				7.7	29.3	16.2			39.0	900
	06-08	.1	6.1		.1		6.1	37.7	18.3			45.4	900
	09-11	.3	6.4		.1		6.6	16.0	17.1			28.9	900
	12-14	.1	7.2				7.2	5.6	8.3			12.9	900
	15-17	.1	7.0			.1	7.1	5.3	6.1			11.0	900
	18-20	.2	8.0				8.0	6.9	6.6			13.2	900
	21-23	.2	7.6				7.6	11.7	9.0			18.6	900
TOTALS		.2	7.2		.0	.0	7.2	16.5	11.6			24.6	7200

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13713 SEYMOUR-JOHNSON AFB NC 67-70, 73-78 DEC
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST. TO VISION	TOTAL NO OF OBS
DEC	00-02	.1	9.4		.3		9.6	16.9	7.4			22.0	930
	03-05		11.6		.9		12.2	20.0	8.3			24.8	930
	06-08	.2	12.2		.9		13.0	24.9	10.8			30.2	930
	09-11		11.3		.3		11.6	16.1	11.7			23.9	930
	12-14		9.6		.3		9.9	13.2	6.3			15.4	930
	15-17		9.9		.5		10.4	9.4	5.3			14.6	930
	18-20	.3	9.9		.5		10.3	11.9	6.8			16.4	928
	21-23	.2	9.0		.2		9.2	14.3	6.5			19.2	927
TOTALS		.1	10.4		.5		10.8	15.5	7.6			20.9	7435

2
 GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

13713 SEYMOUR-JOHNSON AFB NC 67-73, 73-79 ALL
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	ALL	.1	10.5	1.1	1.4	.0	12.6	16.2	5.6	.0	.0	27.3	7447
FEB		.2	7.4	.5	1.9	.0	9.4	12.0	5.1	.4	.6	17.0	6768
MAR		.5	13.7	.1	.3		11.0	15.1	4.2		.3	18.6	7447
APR		.7	6.6				6.6	9.1	5.7		.6	13.2	7209
MAY		1.3	6.7				6.7	14.2	14.2		.1	25.9	7437
JUN		2.5	5.0				5.0	17.5	24.6			33.8	7200
JUL		3.6	6.4				6.4	19.5	37.6		.0	46.5	7437
AUG		2.5	5.3				5.3	21.2	35.4			46.1	7435
SEP		.9	5.0				5.0	21.7	25.3		.0	38.2	7200
OCT		.2	5.5				5.5	18.3	18.6			39.4	7440
NOV		.2	7.2		.0	.0	7.2	16.5	11.8			24.6	7200
DEC		.1	10.4		.5		10.8	15.5	7.6			20.9	7435
TOTALS		1.1	7.2	.1	.3	.0	7.6	16.4	16.3	.0	.1	28.0	87634

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 OBSC 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 WMAN 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 3/8 mile.

2

DATA PROCESSING BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

XX **WEATHER CONDITIONS** XX
 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
 ATMOSPHERIC PHENOMENA

13713 SEYMOUR-JOHNSON AFB NC 57-79 ALL
 STATION STATION NAME YEARS MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
 FROM DAILY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HALE	% 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	2.9	40.5	4.1	9.1	.3	42.4	43.3	35.6	.3		54.5	682
FEB		3.7	39.5	1.9	8.5		42.5	42.4	31.4	.5		50.9	621
MAR		6.5	42.8	.7	4.0	.3	43.7	42.8	31.5	.3		51.3	682
APR		11.5	40.7			.6	40.7	40.1	29.4			47.6	659
MAY		20.0	44.9			.1	44.9	56.5	46.8			67.4	680
JUN		26.2	45.1			.3	45.1	64.4	60.7		.5	75.2	657
JUL		36.2	52.1			.3	52.1	69.4	71.0			80.9	679
AUG		28.6	46.6			.3	46.6	74.5	72.4			85.8	682
SEP		12.9	36.1				36.1	72.1	67.3			81.7	660
OCT		4.4	33.1				33.1	62.6	55.4			69.9	682
NOV		3.0	34.8		1.1		35.3	54.1	42.3			60.9	660
DEC		1.8	37.4	.9	3.5	.3	38.7	43.5	36.4			55.9	682
TOTALS		13.1	41.1	.6	2.2	.2	41.8	55.5	48.3	.1	.0	65.2	8026

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

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

- B**
- *1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
 - *2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

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

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

Continued on Reverse Side

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

- NOTES:
- (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
 - (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
 - (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945	at 0800LST
Jan 46-May 47	at 1230GMT
Jun 57-present	at 1200GMT

U. S. Navy and National Weather Service (UFW)

Beginning thru Jun 52	at 0030GMT
Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT

2

DATA PROCESSING BRANCH
USAF STAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

13713 WILLYMOUR-JOHNSON AFB NC 57-70
STATION STATION NAME YEARS

PRECIP	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000	MEAN			GREATEST	LEAST	
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504	OVER 504						
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	56.9	9.8	2.1	4.6	5.7	6.1	5.3	6.7	3.4	.4				73.3	581	4.79	7.19	1.47	
FEB	56.7	11.4	2.4	3.5	2.6	6.1	6.6	5.9	3.7					31.9	671	3.79	6.42	1.70	
MAR	55.4	12.2	1.6	5.6	3.5	6.2	6.0	4.8	2.4	.3				52.4	672	4.14	8.76	.63	
APR	57.7	13.0	2.0	4.9	2.6	7.0	5.6	4.2	2.3					23.5	659	3.95	6.35	.27	
MAY	54.7	15.1	1.8	4.9	4.0	5.7	7.5	4.6	2.2	.4				31.7	685	2.87	6.74	.97	
JUN	54.7	13.3	2.6	2.4	3.4	7.9	5.5	5.8	4.0	.5				30.0	656	4.71	9.24	1.82	
JUL	46.7	12.4	2.4	5.0	4.0	2.4	7.8	6.3	5.4	1.0				40.9	679	7.37	7.47	1.56	
AUG	52.0	13.1	1.6	5.7	3.8	6.5	6.2	5.7	4.8	.4	.1			34.7	681	5.44	1.31	2.68	
SEP	61.5	13.8	1.4	3.8	1.8	5.2	4.8	3.5	2.7	1.5				24.7	667	4.35	9.69	.67	
OCT	66.4	10.4	1.3	4.5	2.3	4.4	4.8	3.8	1.8		.1			23.2	682	2.92	9.96	.47	
NOV	63.6	12.4	1.5	3.8	2.7	4.1	5.6	3.3	2.3	.5	.2			23.9	668	3.30	6.89	.51	
DEC	60.1	10.7	1.9	5.9	3.5	6.3	3.7	5.3	2.3	.3				29.2	682	3.41	7.79	.64	
ANNUAL	57.1	12.4	1.9	4.5	3.3	6.1	5.9	5.0	3.2	.5	.0			30.5	80235	5.37			

2 GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES
 PRECIPITATION

FROM DAILY OBSERVATIONS

13713 SEYMOUR-JOHNSON AFB NC
STATION STATION NAME

57-79

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
57									2.82	.72	1.38	1.31	
58	1.17	1.47	1.40	.92	1.89	1.51	1.74	3.81	.57	2.00	.89	1.56	3.81
59	.78	2.09	1.61	2.27	.65	1.41	2.17	1.97	1.35	1.98	1.46	2.86	2.86
60	2.21	1.37	.71	.65	1.47	4.06	4.95	1.01	4.77	1.60	.66	.97	4.95
61	.91	1.06	2.01	1.08	1.68	1.65	.89	1.92	1.91	.20	1.51	.88	2.01
62	1.99	1.04	.86	.70	.48	3.78	4.12	2.10	1.86	.44	2.86	.80	4.12
63	1.38	.81	1.03	.81	1.24	1.27	1.68	2.43	3.53	.41	3.15	.83	3.53
64	1.24	1.17	2.70	1.22	.93	.80	1.17	5.12	3.69	5.88	.64	1.64	5.88
65	.59	1.29	.75	.57	1.03	2.14	3.44	1.43	.48	1.33	1.63	.47	3.44
66	* 1.88	1.61	1.59	.51	1.35	.94	.89*	2.00	.75	.44	.46	2.12	2.12
67	1.89	1.57	.47	1.16	.70	1.42	3.22	1.71	3.65	.50	2.30	1.47	3.65
68	1.38	.65	1.06	.50	.76	1.71	2.78	1.80	1.14	1.35	1.03	.46	2.78
69	1.20	.61	1.53	1.95	2.72	1.64	2.40	.94	.79	1.55	3.23	.94	3.23
70	.88	1.42	.84	1.17	.66	.79	2.78	3.19	1.33	.85	.59	1.48	3.19
71	.92	1.54	2.40	1.29	1.51	.92	1.82	1.35	1.94	1.70	.59	.57	2.40
72	2.70	1.08	1.10	.43	3.96	1.54	3.45	1.02	3.59	.94	1.43	1.10	3.96
73	1.26	1.93	4.19*	1.36*	.80*	2.20*	.62	1.07	.96	.57	.39	2.53	4.19
74	.78	1.26	1.79	.71	1.07	1.10	2.14	2.29	.68	.73	1.14	1.27	2.29
75	1.00	1.10	1.04	1.41	1.06	.79	3.91	1.30	3.28	.84	.65	1.02	3.91
76	2.99	.90	.55	.20	.77	1.75	3.37	2.27	1.68	.75	2.08	1.75	3.37
77	1.65	.98	1.26	.47	4.19	1.07	.74	2.66	2.99	1.02	5.17	1.77	5.17
78	1.98	.35	1.72	1.58	1.56	3.54	2.04	.88	.39	1.74	2.25	1.23	3.54
79	1.11	.78	1.87	1.10	2.50	1.93	.65	1.03					
MEAN	1.429	1.185	1.476	.986	1.532	1.703	2.398	1.967	2.007	1.252	1.613	1.320	3.584
S.D.	.648	.426	.842	.523	1.028	.958	1.210	1.065	1.308	1.168	1.179	.625	.981
TOTAL OBS.	681	621	682	659	680	656	679	681	660	682	660	682	8023

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-80-3 (OLA)

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES
 SNOWFALL

FROM DAILY OBSERVATIONS

13713 SEYMOUR-JOHNSON AFB NC
STATION STATION NAME

57-79

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
57									.0	.0	.0	1.2	
58	TRACE	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.2	13.2
59	.4	TRACE	.6	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	.6
60	.0	TRACE	6.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	6.0
61	1.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5
62	3.2	.3	.3	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	3.2
63	TRACE	6.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	6.0
64	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.3	.0	.3
65	3.3	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3
66	4.5	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	4.5
67	TRACE	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.3
68	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.2	.2
69	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
70	1.0	.2	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	2.0	2.0
71	TRACE	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.8
72	.0	TRACE	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5
73	5.4	12.0	TRACE*	.0*	.0*	.0*	.0	.0	.0	.0	.0	2.0	12.0
74	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
75	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
76	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0
77	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
78	TRACE	TRACE	1.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0
79	.1	5.7	.0	.0	.0	.0	.0	.0					
MEAN	.93	1.28	.51	.00	.00	.00	.00	.00	.00	.00	.01	.85	2.38
S.D.	1.634	3.083	1.356	.000	.000	.000	.000	.000	.000	.000	.063	2.828	3.345
TOTAL OBS	682	619	682	659	680	656	679	682	660	682	660	682	8023

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES
 MONTHLY SNOWFALL

FROM DAILY OBSERVATIONS

13713 SEYMOUR-JOHNSON AFB NC.
STATION STATION NAME

57-79
YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
57									.0	.0	.0	1.2	
58	TRACE	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.0	14.9
59	.4	TRACE	.6	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	1.0
60	.0	TRACE	9.4	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	9.4
61	1.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9
62	5.8	.3	.6	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	6.7
63	TRACE	6.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	6.9
64	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.3	.0	.3
65	13.1	*TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	* 13.1
66	9.9	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	9.9
67	TRACE	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.3
68	TRACE	*TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.2	.2
69	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
70	1.0	.2	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	2.0	3.2
71	TRACE	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.6
72	.0	TRACE	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5
73	6.5	12.0	TRACE*	.0*	.0*	.0*	.0	.0	.0	.0	.0	2.0	* 20.5
74	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
75	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
76	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0
77	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
78	TRACE	TRACE	2.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	2.0
79	.1	13.0	.0	.0	.0	.0	.0	.0					
MEAN	1.79	1.70	.76	.00	.00	.00	.00	.00	.00	.00	.01	.88	5.42
SD	3.650	4.000	2.061	.000	.000	.000	.000	.000	.000	.000	.063	2.995	4.331
TOTAL OBS.	682	619	682	659	680	656	679	682	660	682	660	682	8023

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-86-5 (OLA)

DATA PROCESSING BRANCH
 USAF STAC
 AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
 (FROM DAILY OBSERVATIONS)

13713 SCYMOUR-JOHNSON AFB MO 57-79
 STATION STATION NAME YEARS

PRECIP	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000	MEAN			GREATEST	LEAST	
	SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4						OVER 50.4
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	94.9	1.5	.4	1.3	.9	.9	.1									6.7	6.2		
FEB	95.5	1.9	.6	1.0	.2	.6	.2									6.0	6.1		
MAR	99.3	.3	.6			.1										6.7	6.0		
APR	00.0																6.4		
MAY	00.0																6.4		
JUN	00.0																6.56		
JUL	00.0																6.79		
AUG	00.0																6.92		
SEP	00.0																6.60		
OCT	00.0																6.22		
NOV	00.0																6.57		
DEC	97.5	1.2	.4	.3		.3	.3									1.3	6.82		
ANNUAL	98.9	.4	.2	.2	.1	.2	.0									.7	9625		

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

FROM DAILY OBSERVATIONS

13713 SEYMOUR-JOHNSON AFB NC 57-79
STATION STATION NAME YEARS

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
57									0	0	0	0	
58	0	1	0	0	0	0	0	0	0	0	0	0	9
59	TRACE	0	0	0	0	0	0	0	0	0	0	0	TRACE
60	0	0	5	0	0	0	0	0	0	0	0	0	5
61	1	TRACE	0	0	0	0	0	0	0	0	0	0	1
62	3	TRACE	0	0	0	0	0	0	0	0	0	0	3
63	0	5	0	0	0	0	0	0	0	0	0	0	5
64	0	0	0	0	0	0	0	0	0	0	0	0	0
65	5	0	0	0	0	0	0	0	0	0	0	0	5
66	7	2	0	0	0	0	0	0	0	0	0	0	7
67	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0	5	0	0	0	0	0	0	0	0	0	TRACE	5
69	TRACE	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
70	TRACE	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
71	0	0	1	0	0	0	0	0	0	0	0	TRACE	1
72	0	TRACE	TRACE	0	0	0	0	0	0	0	0	0	TRACE
73	5	12	0*	0*	0*	0*	0	0	0	0	0	1	12
74	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0
76	TRACE	0	0	0	0	0	0	0	0	0	0	0	TRACE
77	0	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
78	0	TRACE	1	0	0	0	0	0	0	0	0	0	1
79	0	6	0	0	0	0	0	0	0				
MEAN	1.0	1.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.5	2.2
S. D.	2.058	3.018	1.086	.000	.000	.000	.000	.000	.000	.000	.000	1.921	2.815
TOTAL OBS	682	621	682	659	680	656	679	682	660	682	660	682	8025

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

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

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

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

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

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

- 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.

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES
 SURFACE WINDS

FROM DAILY OBSERVATIONS

13713 SEYMOUR-JOHNSON AFB NC
STATION STATION NAME

57-79

YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH- YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
57													
58													
59					S	*20SW	28E	40N	*38E	*26S	26W	30WSW	28
60	SW	33WSW	45NW	38NW	34NNE*21NNE	34W	26WSW	13ENE	*11WNW	34NNE*25WNW	*30	WSW	45
61	NW	36WSW	49SSW	32SE	45SW	35W	40WSW	30WSW	36NNE	28NNW	32SSW	27SW	27 WSW 49
62	W	35WSW	31W	34S	56N	35NNW	29N	42E	33NNE	28WSW	28NNW	33SW	33 S 56
63	WNW	36WSW	*35WSW	41WNW	34W	39WSW	26NE	44W	*28ENE	*28NNE	*33WSW	46NNW	38 WSW 46
64	W	47WSW	40WSW	50SSW	40S	42SSE	32S	32N	30NNE	37NNE	27SW	31SW	41 WSW 50
65	W	32WSW	51N	31W	35WSW	40W	27ENE	43NNW	50SSW	24WNW	40NNW	39NNW	38 WSW 51
66	NNW	39SSW	65SW	37W	46NNE	36NNE	38NE	28SW	*23E	20SSW	57SSW	34W	34 SSW 65
67	SW	42NNW	36WSW	40NW	28NW	35E	26NNW	43NW	34NNE	*24W	*30WNW	23NW	29 NNW 43
68	NNW	26W	28SSW	27NNW	24WNW	38SW	3334*	3829*	5129/	2736/	24.7/	4727/	45 29* 51
69	27/	3432/	3332/	3327/	3625/	3423/	3422/	3223/	2415/	2526/	23.6/	3426/	36 27/ 36
70	29/	3535/	3328/	3023*	4034*	2427/	3330/	3126/	3436/	25.1/	2825/	3427/	34 23* 50
71	27/	4425/	3625/	3830/	2921/	4034/	2125/	33.1/	2636/	40.1/	2731/	3033/	36 27/ 44
72	22/	2624/	3232/	3534/	29.3/	3034/	3624/	3230/	3425/	2336/	2823/	2931/	39 31/ 39
73	16/	32.3/	3326/	4826/	3828/	4417*	2026*	3231/	3233/	3423/	2722/	3715/	31 26/ 48
74	25/	3221/	4228*	3933/	3320/	4527/	2827/	28.7/	3424/	2528/	2530/	3434/	33 20/ 45
75	27/	4224/	4328/	5625/	42.4/	3229/	2714/	2912/	3021/	3621/	2821/	3427/	60 27/ 60
76	28/	3130/	4224/	4227/	4931/	3621/	34.3/	52.5/	2229/	3023/	4235/	3129/	33 3/ 52
77	34/	4225/	4030/	3927/	4533/	3434/	4233/	3432/	3531/	2730/	31.6/	2930/	28 27/ 45
78	26/	6336/	3619/	4123/	3320/	26.9/	4535/	28.7/	4210/	19.5/	2335/	2323/	41 26/ 63
79	24/	3924/	4330/	3827/	3923/	4424/	2329/	2833/	41				
MEAN	37.3	39.9	38.4	37.6	36.9	31.8	34.5	32.4	28.3	30.6	32.9	36.0	49.5
S.D.	8.253	8.698	7.167	8.091	5.070	6.338	7.275	8.344	5.972	8.424	6.306	7.608	8.287
TOTAL OBS	615	556	615	592	604	626	640	618	584	602	589	606	7247

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-885 (OIA)

8 (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13713 STATION SEYMOUR-JOHNSON AFB NC 68-73,73-79 YEARS JAN MONTH
 1990-1990 MONTH (L S T)

ALL WEATHER
 CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.0	3.4	2.3	.6								5.4	5.7
NNE	.5	1.8	.6	.1	.1							3.2	6.1
NE	.6	.8	1.7	.2								2.6	6.2
ENE	.3	1.4	.9	.1								3.7	5.8
E	1.1	1.0	1.0									7.3	4.9
ESE	1.2	.9	.2									2.3	3.9
SE	.6	.3	.1									1.1	3.2
SSE	.8	.4	.3									1.5	4.4
S	.9	.4	.6	.4	.1							2.5	7.5
SSW	1.5	1.6	1.2	.9	.1		.1					5.4	6.7
SW	1.0	.6	1.7	.9								4.2	7.3
WSW	1.6	1.8	1.2	1.2		.1						5.9	6.9
W	1.2	2.8	2.6	1.2	.1							7.6	7.2
WNW	.9	1.6	1.3	.8								4.5	6.6
NW	1.5	2.0	2.2	.9								6.6	6.6
NNW	1.6	2.5	3.2	.9	.1							6.3	6.7
VARBL													
CALM												30.1	
	17.3	23.4	20.3	8.1	.5	.1	.1					100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

SURFACE WINDS

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

13713 STATION SEYMOUR-JOHNSON AFB NC STATION NAME 68-7073-79 YEARS JAN MONTH

ALL WEATHER
 CLASS

303-0530
 MOVED (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-14	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.2	4.0	2.2	.4								4.4	5.1
NNE	.6	1.4	1.1	.5								3.7	5.5
NE	.1	1.0	1.6	.1								2.8	7.2
ENE	.9	1.1	1.1	.3								3.3	6.2
E	1.5	.8	.4									2.7	3.6
ESE	1.2	.9	.4	.1								2.6	4.5
SE	.6	.3										1.0	2.7
SSE	.3	.3	.4									1.1	5.7
S	.4	.5	1.0	.1								2.0	6.5
SSW	1.1	1.1	1.3	.5								4.0	6.4
SW	1.4	1.1	1.2	.3	.2	.2						4.4	7.0
WSW	1.5	1.4	.8	1.5	.2	.1	.2					5.7	8.9
W	1.5	2.9	2.0	1.2								7.6	6.4
WNW	1.2	1.0	2.2	.5								4.8	6.4
NW	1.6	1.6	2.2	.3								5.7	5.8
NNW	1.8	3.3	2.8	.6	.1							8.7	6.4
VARBL													
CALM												30.5	
	18.6	22.6	20.5	6.7	.5	.3	.2					100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 930

5365

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13713 STATION SEYMOUR-JOHNSON AFB MC STATION NAME 66-73-79 YEARS JAN MONTH
 ALL WEATHER CLASS 0670-0800 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	4.5	2.3	.9								11.0	5.5
NNE	.6	2.6	1.1	.9								5.2	6.5
NE	1.0	.8	1.1	.1								2.9	5.7
ENE	.6	1.4	1.0	.1								3.1	5.8
E	1.6	.6	.4									2.7	3.5
ESE	.6	.4	.1									1.2	4.2
SE	.1	.4	.2									.8	5.4
SSE	.5	.8	.3									1.6	4.5
S	1.2	1.4	1.0	.2								3.8	5.6
SSW	1.2	1.2	1.0	.3								3.7	5.6
SW	.6	1.6	1.0	1.0								4.2	7.0
WSW	.9	1.5	1.0	.8	.3		.1					4.5	8.2
W	2.0	3.1	1.2	1.4		.1		.1				8.0	6.7
WNW	1.5	2.5	1.4	.3								5.7	5.5
NW	.9	1.6	1.8	.8								5.1	6.9
NNW	1.5	2.9	2.2	1.0								7.5	6.6
VARBL													
CALM												29.2	
	18.3	27.3	16.9	7.6	.3	.1	.1	.1				100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 938

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13713 SEYMOUR-JOHNSON AFB NC 62-73, 73-74 JAN 97-100
 STATION STATION NAME YEARS MONTHS (LST)
 ALL WEATHER CLASS
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.6	4.4	5.4	1.2	.1							6.7	7.1
NNE	1.1	2.2	3.1	1.5								7.8	7.5
NE	.5	1.2	1.7	.1								4.3	6.2
ENE	1.6	1.7	1.7	.2								.1	5.5
E	1.6	.7	.4									3.6	4.7
ESE	.8	.9	.6									2.2	2.7
SE	1.1	.1	.6									1.9	4.4
SSE	.4	.4	.1									1.7	5.5
S	1.6	1.4	1.2	.2								4.4	5.1
SSW	1.2	1.1	1.8	.8	.1							4.9	7.7
SW	.8	1.0	2.2	1.4	.1							5.4	8.6
WSW	1.0	1.3	2.3	1.5	.1	.1	.1					6.8	7.4
W	1.4	1.5	2.3	1.5	.3							7.2	8.6
WNW	.5	1.4	2.3	1.2	.4	.3						1.1	8.6
NW	.6	1.5	2.2	1.6	.1							3.1	5.5
NNW	1.4	1.9	3.2	1.4	.3							8.2	7.8
VARBL													
CALM												11.2	
	17.2	24.3	31.9	1.5	2.1	.4	.3					100.2	6.5

TOTAL NUMBER OF OBSERVATIONS 930

5366

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 1713 SEYMOUR-JOHNSON AFB NC STATION NAME 68-7575-79 YEARS JAN MONTH
 CLASS ALL WEATHER 12-C-1400 HOURS (LST)
 CONDITION

SPEED (KMTS) DIR.	1-3	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	3.3	4.7	1.0								10.4	6.9
NNE	1.3	2.5	3.9	1.1								9.1	6.8
NE	1.1	2.0	1.5	.1								4.7	5.4
ENE	.5	1.7	1.1	.1								3.4	5.9
E	1.5	1.4	.6									3.5	4.3
ESE	1.1	1.3	.2									2.6	4.0
SE	.6	.4	.2	.1								1.4	4.5
SSE	.5	.1	.4	.3								1.4	6.8
S	.3	.2	1.1	.5	.1							2.9	8.5
SSW	.6	2.2	2.7	1.4	.1							5.3	6.1
SW	.5	1.4	2.3	1.9	.5							7.2	9.5
WSW	1.0	1.5	2.8	2.6	.9	.4	.2					7.4	10.7
W	.2	1.0	2.9	2.3	.4	.1	.1					7.0	10.6
WNW	1.4	1.1	3.1	2.9	.5	.3						9.4	9.7
NW	1.3	1.7	2.2	1.8	.2							7.2	8.5
NNW	.6	2.0	3.7	2.5								8.4	8.2
VARBL													
CALM												5.6	
	14.9	24.1	33.1	18.3	2.8	.9	.3					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

17713 STATION SEYMOUR-JOHNSON AFB NC 68-70, 73-79 YEARS
 MONTH JAN
 CLASS ALL WEATHER
 HOURS (LST) 1577-1700
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	2.8	3.2	1.3								9.5	6.6
NNE	1.9	2.4	2.8	.8								7.7	6.4
NE	.8	2.3	.9	.4								4.3	5.7
ENE	.5	1.3	1.2									3.0	5.8
E	1.7	1.8	.4	.3								4.3	4.8
ESE	.6	1.2										1.8	3.5
SE	.6	.2	.1									1.0	3.3
SSE	.6	.3	.4									1.4	4.7
S	.5	1.3	1.5	.3	.2							3.9	7.6
SSW	.8	1.7	1.7	.6								4.8	6.8
SW	.8	1.8	3.3	1.4	.2							7.5	8.2
WSW	.9	2.9	1.9	3.1	.4	.1						9.2	9.2
W	1.6	2.6	3.0	1.5	.6	.2	.1					9.7	8.6
WNW	.4	2.5	3.8	2.2	.8	.2						9.8	9.6
NW	.5	1.5	2.9	1.4	.1							6.5	8.4
NNW	.8	1.6	3.0	1.6	.3							7.3	8.6
VARBL													
CALM												8.3	
	15.1	28.2	30.2	14.9	2.7	.5	.1					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 930

5367

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13113 SEYMOUR-JOHNSON AFB NC 68-70, 73-79 JAN
STATION STATION NAME YEARS MONTH

ALL WEATHER 1600-2000
CLASS HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	3.0	1.5	.9								7.1	6.0
NNE	2.0	1.3	1.7	.3								5.4	5.5
NE	1.0	1.1	1.5	.3								3.9	6.3
ENE	1.0	1.4	1.0									3.3	5.2
E	1.8	1.0	.6	.2								3.7	4.5
ESE	1.3	.9	.1	.1								2.4	3.7
SE	.5	1.0	.2									1.7	4.4
SSE	.3	.8	.6	.2								1.9	6.5
S	1.6	2.2	1.4	.4	.1							5.7	5.8
SSW	1.4	1.0	1.1	.6								4.1	6.2
SW	1.3	1.3	1.5	.3								4.6	6.4
WSW	.6	1.5	1.4	1.1	.2							4.8	8.0
W	2.6	2.0	2.0	.6	.5							7.8	6.5
WNW	1.6	1.7	1.1	.8								5.2	5.9
NW	.9	1.7	1.5	1.3								5.4	7.4
NNW	1.3	2.6	2.2	.5	.1							6.7	6.5
VARBL													
CALM												26.3	
	21.0	24.3	19.5	8.0	1.0							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13713 STATION NAME SEYMOUR-JOHNSON AFB NC YEARS 68-70, 73-79 NA
 NORTH
 ALL WEATHER CLASO 2127-2370
 HOURS (L & T)
 COBBITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	4.1	2.0	.6								7.6	6.3
NNE	1.2	1.1	1.3	.2								3.8	5.8
NE	.9	.9	1.7	.2								3.7	6.6
ENE	.3	1.2	.6	.2								2.4	6.2
E	1.4	1.8	1.2									4.4	5.0
ESE	1.0	1.3	.2									2.5	4.0
SE	.5	.3		.1								1.0	4.0
SSE	1.0	.9	.6									2.5	4.7
S	.8	2.2	1.4	.5	.1	.1						5.1	6.7
SSW	1.5	1.7	1.4	.1	.1							4.8	5.6
SW	1.0	.4	.5	1.1								3.0	7.8
WSW	1.4	1.0	2.2	1.3	.1							5.9	7.5
W	2.0	2.0	1.2	.4	.4							6.1	6.2
WNW	1.4	.9	1.2	1.0	.1							4.5	7.3
NW	1.0	1.9	1.5	1.2								5.6	7.5
NNW	1.2	1.6	2.3	1.4	.4							6.9	6.0
VARBL													
CALM												30.3	
	17.3	23.2	19.4	8.4	1.3	.1						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 930

5358

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13713 SEYMOUR-JOHNSON AFB NC 68-70, 73-79 JAN

STATION STATION NAME YEARS MONTH

ALL WEATHER

CLASS

CONDITION

ALL

HOURS (LST)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.0	3.7	2.9	.9	.7							7.5	6.2
NNE	1.2	1.9	1.9	.7	.7							5.7	6.5
NE	.7	1.3	1.4	.2								3.6	6.1
ENE	.7	1.4	1.1	.1								3.3	5.7
E	1.5	1.3	.6	.1								3.5	4.4
ESE	1.0	1.0	.2	.0								2.2	4.1
SE	.6	.4	.2	.0								1.2	4.3
SSE	.6	.5	.5	.1								1.6	5.4
S	.9	1.3	1.1	.4	.1	.3						3.8	6.5
SSW	1.2	1.4	1.4	.7	.1		.0					4.8	6.7
SW	.9	1.2	1.8	1.1	.1	.0						5.1	7.9
WSW	1.1	1.6	1.7	1.6	.3	.1	.1					6.5	8.8
W	1.6	2.2	2.2	1.3	.3	.1	.1	.0				7.7	7.6
WNW	1.1	1.6	2.0	1.2	.2	.1						6.2	8.0
NW	1.0	1.7	2.1	1.2	.1							6.0	7.5
NNW	1.3	2.3	2.8	1.2	.2							7.8	7.3
VARBL													
CALM												21.5	
	17.5	24.7	24.0	10.6	1.4	.3	.1	.0				100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AFB WEATHER SERVICE/MAC

SURFACE WINDS

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

13713 STATION SEYNOUR-JOHNSON AFB AC STATION NAME 68-70, 73-79 YEARS EEB MONTH

ALL WEATHER
 CLASS

4,300-0,000
 HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	3.7	2.2	1.1	.1							2.4	6.9
NNE	.8	2.0	1.7	.8								5.3	7.7
NE	.4	1.5	1.4	.4								3.7	6.5
ENE	.7	1.4	1.4	.1								3.7	5.9
E	1.4	1.5	.4									3.3	3.8
ESE	1.5	.5	.7									2.2	3.3
SE	.6	.5	.2	.1								1.4	4.9
SSE	.5	.7	.2									1.4	4.4
S	1.4	.8	1.3									3.5	4.9
SSW	1.5	2.0	1.7	.4								5.6	5.6
SW	1.1	1.3	1.9	.5								4.7	6.7
WSW	1.1	2.0	.8	1.2								5.1	6.7
W	.8	1.3	2.2	1.2	.2							5.8	8.1
WNW	1.1	1.7	.9	.5								4.1	6.0
NW	1.1	1.7	1.5	1.5								5.8	7.5
NNW	.6	3.3	1.8	1.2	.2							7.1	7.4
VARBL													
CALM												28.8	
	15.8	25.9	20.0	8.9	.6							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 846

5369

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13713 STATION NAME SEYHOUR-JOHNSON AFB NC YEARS 68-70, 73-79 MONTH FEB
 CLASS ALL WEATHER HOURS (LST) 0300-0500
 CONDITION _____

SPEED (KNOTS) DIR.	1-3	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	5.4	3.7	1.2	.1	.1						12.5	6.5
NNE	.6	1.3	2.1	.9								5.4	7.2
NE	.4	1.2	1.1	.4								3.0	6.8
ENE	.6	1.8	.6	.1								3.1	5.8
E	1.2	1.5	.5	.4								3.5	5.1
ESE	.7	.4	.1									1.2	4.1
SE	1.1	.2	.1	.1								1.5	3.6
SSE	.8		.4	.4								1.5	6.2
S	.9	.7	.4	.1								2.1	4.8
SSW	1.5	.6	.6	.4								3.1	5.2
SW	2.5	.9	1.3	.7								5.4	5.7
WSW	2.1	2.5	.9	.6								6.1	5.3
W	.8	3.7	2.1	.4								7.0	6.1
WNW	.8	2.0	1.8	.8								5.4	6.7
NW	1.2	2.6	1.4	.6								5.8	6.1
NNW	1.1	3.0	1.5	.7								6.3	6.2
VARBL													
CALM												27.0	
	18.3	28.3	18.6	7.7	.1	.1						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13713 STATION NAME SEYMOUR-JOHNSON AFB NC YEARS 68-70, 77-79 MONTH FFL
 ALL WEATHER CLAS MONTH 0600-0500
 CONDITION _____ HOURS (LST) _____

SPEED (KNTS) DIR.	1-3	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	4.6	4.0	.7	.1	.1						11.0	6.7
NNE	1.1	2.7	3.1	.8	.2							7.9	7.1
NE	.6	1.3	.6	.5	.1							3.1	3.7
ENE	.7	1.2	.9	.4								3.2	3.9
E	1.4	1.5	.5									3.4	4.1
ESE	.4	1.5										1.9	4.3
SE	.8	.6	.4									1.8	4.5
SSE	.5	.4	.4	.5								1.7	7.1
S	1.3	.7	1.1	.2								3.3	5.3
SSW	.5	.9	1.2									2.6	5.7
SW	1.4	1.4	.7	.6								4.1	5.7
WSW	1.2	3.1	2.2	.6								7.1	6.0
W	1.5	2.7	2.0	.4								6.6	5.8
WNW	1.2	1.8	1.4	.6								5.0	6.4
NW	.5	2.5	1.3	.7								3.4	6.4
NNW	.6	3.8	1.4	.6	.1							6.5	6.4
VARBL													
CALM												25.4	
	15.5	30.7	21.2	6.5	.6	.1						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 846

5370

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 17713 STATION NAME SEYMOUR-JOHNSON AFB NC YEARS 68-70, 73-79 MONTH FEB
 ALL WEATHER CLIM 900-100
 CONDITION _____
 HOURS (LST) _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	3.2	5.0	1.8	.2							12.1	7.9
NNE	.2	1.9	4.6	2.4	.2							9.3	5.9
NE	.2	1.4	1.9	.9								4.5	5.1
ENE	.2	2.4	1.7	.5								4.7	6.7
E	.5	2.5	1.9									4.9	6.0
ESE	.7	1.8	.5	.1								3.1	5.1
SE	.4	1.5	.6									2.5	5.3
SSE	.2	.8	.2	.5								1.8	7.6
S	.6	.8	1.5	.5	.2							3.7	8.2
SSW	.6	.5	1.4	.8	.1							3.4	8.6
SW	.2	1.1	2.5	1.3	.1							5.2	8.9
WSW	1.1	1.4	3.6	1.5	.1		.1					7.8	8.5
W	.9	3.0	3.0	1.4								8.3	7.3
WNW	.5	1.9	2.4	1.7								6.4	8.4
NW	.2	.5	4.0	1.9	.1							6.7	9.6
NNW	.4	2.5	3.3	3.0	.4							9.5	9.4
VARBL													
CALM												6.2	
	7.9	27.1	38.9	18.2	1.5		.1					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 845

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13713 STATION SEYMOUR-JOHNSON AFB NC 68-70, 73-79 YEARS FEB NORTH
 ALL WEATHER CLASS 12.0-14.0 HOURS (LST)
 CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	2.2	5.1	3.2	.2							12.3	6.5
NNE	.4	2.2	3.3	1.7								7.6	8.3
NE	.6	1.8	2.7	.7								5.1	7.0
ENE	.9	1.1	.9	.1								3.1	5.5
E	1.2	1.7	1.2	.1								4.1	5.6
ESE	.8	.8	.6									2.2	4.6
SE	.4	.5	.4									1.2	5.6
SSE	.5	.5	.5	.2								1.7	6.0
S	.6	.6	.8	.8	.1							3.0	8.6
SSW		1.4	3.5	.7	.2							5.9	6.8
SW	.4	.8	2.1	2.4	.1							5.8	9.8
WSW		1.1	3.2	3.9	.9	.1						9.2	11.3
W	1.5	2.0	4.3	2.2	.1	.1						10.3	8.2
WNW	1.2	1.3	3.1	2.4	.1	.1						3.2	8.5
NW	.4	1.9	4.6	3.0	.5							10.3	9.7
NNW	.7	2.2	2.1	2.2	.1							7.4	8.3
VARBL													
CALM												7.7	
	11.0	22.1	27.7	23.6	2.5	.4						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 646

5371

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13713 SEYMOUR-JOHNSON AFB NC 62-70, 73-79 FE-
STATION STATION NAME YEARS MONTH
 ALL WEATHER 15 0-1700
CLASS HOUR (LST)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	3.1	5.3	1.8	.2							11.2	7.6
NNE	.8	2.4	3.2	1.5								7.9	7.7
NE	.6	1.3	1.4	.7	.1							4.1	7.4
ENE	1.2	.7	1.2	.1								3.2	5.8
E	.6	.9	.7									2.2	5.4
ESE	.5	.8	.8									2.1	5.5
SE	.4	.2	.6	.1								1.5	6.4
SSE	.5	.7	.6	.1								1.9	6.1
S	.8	.6	1.1	.7								3.2	7.4
SSW	.4	1.1	2.7	1.5	.1							5.8	9.2
SW	.8	1.4	4.0	3.0								9.2	9.0
WSW	.5	2.2	2.5	3.0	.4	.2						8.7	9.6
W	1.7	2.4	3.1	2.7	.2							10.0	8.2
WNW	.5	1.8	3.5	1.9	.2	.1						8.3	9.1
NW	.5	1.2	3.3	3.0	.2							8.2	9.6
NNW	.5	2.2	3.2	2.2								8.2	8.3
YARBL													
CALM												3.7	
	11.6	23.0	37.5	22.3	1.5	.4						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 845

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13713 SEYMOUR-JOHNSON AFB NC 63-70, 73-79 FER NORTH
 STATION STATION NAME YEARS
 ALL WEATHER CLASS 1300-0000 HOURS (LST)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.5	2.7	1.7	.6	.1							7.5	5.8
NNE	1.3	3.2	2.1	.5	.1							7.2	6.2
NE	1.1	.7	1.1	.4	.1							3.3	7.0
ENE	.7	2.1	.4	.1								3.3	5.1
E	1.9	.7	.4	.1								3.1	3.8
ESE	.6	1.2	.2									2.2	4.6
SE	.2	.2	.5	.4								2.0	6.8
SSE	.9	1.3	.3									3.1	4.8
S	1.2	2.6	1.5	.6								5.9	5.9
SSW	1.5	3.0	1.9	.4								6.7	5.8
SW	1.1	2.7	1.8	1.4	.1							7.1	7.1
WSW	1.9	1.5	1.3	.2			.1					5.1	5.8
W	.9	1.2	.9		.2	.1						3.4	6.6
WNW	1.4	.9	1.5	1.1								5.8	6.9
NW	.8	2.6	2.1	1.1	.2							6.9	7.6
NNW	1.2	2.0	1.5	1.2	.2							6.1	7.4
VARBL													
CALM												22.2	
	19.3	29.4	19.7	7.8	1.2	.1	.1					100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 846

5372

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

17713 SEYMOUR-JOHNSON AFB NC 68-70, 73-79

ALL WEATHER
CLAM
CONDITION

17713
HOURLY

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-14	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.9	2.8	1.7	1.3		.1						2.8	6.5
NNE	.5	1.9	.9	.8								4.1	5.7
NE		1.7	1.7	.5								3.8	7.3
ENE	.2	1.7	.2									.1	5.1
E	2.8	1.2	.2									4.3	3.1
ESE	1.3	1.2	.4									2.8	3.9
SE	1.3	1.3	.1									2.7	3.7
SSE	.9	.9	.6	.1								2.6	5.0
S	1.5	3.3	.9	.1								5.2	4.8
SSW	1.3	3.2	3.0	.5	.1							6.0	6.4
SW	1.1	1.2	1.5	.5	.1							4.4	6.5
WSW	1.1	.9	1.2	.6	.1							3.9	6.8
W	.6	.7	1.5	.6	.4							3.8	6.8
WNW	.7	.7	1.9	.7								4.0	7.7
NW	.7	1.2	2.1	.9								5.0	8.2
NNW	1.3	1.3	2.0	1.2								5.6	7.7
VARBL													
CALM												29.0	
	17.3	25.2	20.0	7.8	.7	.1						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 645

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 113 SEYMOUR-JOHNSON AFB NC 68-70, 73-79 YEARS FE
STATION NAME CLAS BOYS
ALL WEATHER ALL
CLASS HOURS (LST)
CONDITION

SPEED (KMTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.6	3.5	3.7	1.4	.1	.0						10.4	7.2
NNE	.7	2.3	2.6	1.2	.1							2.9	7.5
NE	.5	1.4	1.4	.5	.0							3.8	7.2
ENE	.7	1.5	.9	.2								3.3	5.8
E	1.4	1.4	.7	.1								3.6	4.6
ESE	.8	1.0	.4	.0								2.2	4.4
SE	.6	.7	.4	.1								1.8	2.7
SSE	.6	.7	.5	.2								2.0	5.2
S	1.0	1.2	1.1	.4	.7							3.8	6.1
SSW	.9	1.6	2.0	.6	.1							5.1	7.0
SW	1.1	1.4	2.0	1.3	.1							5.7	7.6
WSW	1.1	1.8	2.0	1.4	.2	.0	.3					6.6	7.2
W	1.1	2.1	2.4	1.1	.1	.0	.0					6.9	7.4
WNW	.9	1.5	2.1	1.2	.0	.0						5.8	7.7
NW	.7	1.8	2.6	1.6	.1							6.8	8.3
NNW	.8	2.5	2.1	1.5	.1							7.1	7.8
VARBL													
CALM												18.1	
	14.6	26.5	26.7	12.9	1.1	.1	.0					100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 6767

5373

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

17713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

65-70, 73-79
YEARS

MAR
MONTH

ALL WEATHER
CLASS

000-0000
NO. OF (L & T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.8	2.3	1.9	1.0								7.0	6.3
NNE	.1	1.7	.6	.1								2.6	6.0
NE	.6	1.8	1.0									3.4	5.5
ENE	.5	1.3	1.2	.4								3.4	6.6
E	2.0	3.2	1.5	.1								6.9	5.1
ESE	2.2	1.5	.8									4.4	4.3
SE	1.3	1.1	.2	.1								2.7	3.9
SSE	1.9	1.1	.3	.5								3.9	4.9
S	1.4	2.3	1.5	.3								5.5	5.5
SSW	1.6	2.9	3.0	.5	.2							6.3	6.7
SW	1.1	1.4	1.9	.3								4.7	6.3
WSW	.4	2.3	1.3	.4								4.4	6.2
W	.9	2.8	1.6	.5	.4							6.2	7.2
WNW	.8	2.2	1.7	.5								5.2	6.8
NW	.8	1.2	1.7	.4								4.1	6.8
NNW	.5	1.4	1.9	.5	.1							4.5	7.5
VARBL													
CALM												22.8	
	18.0	30.3	22.3	5.9	.8							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 932

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

M69
MONTH

ALL WEATHER
CLASS

700-050
NOV 68 (L O T)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.7	3.5	2.4	1.2								9.6	6.1
NN ^W	.6	1.3	1.4	.1								5.4	6.0
NE	.4	1.4	.6									2.5	4.7
ENE	1.4	2.0	1.5	.1	.1							5.2	5.7
E	1.8	2.3	1.3	.2								5.6	5.3
ESE	1.1	2.0	.3	.1								3.5	4.6
SE	.5	1.1	.3									1.9	4.9
SSE	.4	.6	.6									1.7	5.6
S	1.3	1.6	.6	.2								3.8	5.1
SSW	1.4	1.4	1.7	1.0	.1	.2						5.8	7.6
SW	2.0	2.9	1.6	.6								7.2	5.4
WSW	1.8	1.8	1.6									5.3	5.1
W	1.2	2.4	1.1	.6								5.3	6.0
WNW	.9	1.2	1.5	.5								4.1	6.7
NW	.4	1.2	1.9	.3								3.9	7.2
NNW	1.2	1.5	2.6	.8								6.0	6.7
VARB!													
CALM												25.1	
	19.2	28.3	21.2	5.8	.2	.2						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS

930

5374

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

17713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

MAY
MONTH

ALL WEATHER
CLASS

1800-0800
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.8	3.9	3.1	.6								9.6	6.2
NNE	.6	2.3	1.5	.1								4.5	6.7
NE	.3	2.5	1.3									4.1	5.7
ENE	1.4	1.5	1.2	.1								4.2	4.5
E	1.3	3.0	1.0									5.3	4.9
ESE	1.2	1.9	.6									3.8	4.4
SE	.4	.6	.8									1.8	5.2
SSE	.3	1.1	.3	.4								2.6	6.3
S	.5	2.4	1.2	.3								4.4	5.9
SSW	1.0	1.8	.9	.8	.1	.1						4.6	7.3
SW	1.4	1.9	1.9	1.1								6.3	6.7
WSW	1.9	2.6	1.3	.2		.1						6.1	5.5
W	1.2	2.0	1.3	.9	.1	.1						5.6	7.2
WNW	.8	1.3	1.8	.3								4.2	6.5
NW	.9	1.6	1.7	.4								4.6	6.7
NNW	.6	1.5	2.4	.6								5.2	7.4
VARBL													
CALM												23.1	
	16.1	31.9	22.3	6.0	.2	.3						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 936

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13713 STATION NAME SEYMOUR-JOHNSON AFB NC YEAR 68-70, 73-79 MONTH 4A2
 CLASS ALL WEATHER MONTHS (L & T) 1900-1100
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	2.6	4.4	2.3	.1							10.2	8.2
NNE	.6	2.4	2.6	1.1								6.7	7.5
NE	.5	3.1	1.7	.2								5.6	5.9
ENE	1.0	2.4	2.4	.3								6.0	5.4
E	1.1	2.2	2.0									5.3	5.5
ESE	1.2	1.8	.9	.2								4.1	5.2
SE	.9	1.1	1.1									3.0	5.4
SSE	.5	.8	1.2	.3	.1							2.9	7.4
S	1.5	1.7	.8	.4	.3	.1						4.8	6.6
SSW	.3	.6	2.2	1.3								4.4	8.9
SW	.5	.9	3.0	2.9	.9							8.2	15.6
WSW	.6	1.5	2.6	1.9	.3		.1					7.1	9.2
W	.6	2.5	3.8	1.8	.4	.3	.1					9.6	9.4
WNW	1.0	1.4	1.7	1.1								5.2	7.6
NW	.2	1.1	2.4	2.3								5.9	9.7
NNW	.1	1.4	2.3	2.2	.1							6.0	9.4
VARBL													
CALM												5.1	
	11.6	27.3	34.8	18.3	2.3	.4	.2					107.0	7.6

TOTAL NUMBER OF OBSERVATIONS 930

5375

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13713 STATION NAME SEYMOUR-JOHNCON AFB NC YEARS 68-70, 73-79 MONTH MAR
 CLASS ALL WEATHER HOUSE (L & T) 1000-1400
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	2.3	4.4	1.1								5.7	7.4
NNE	.9	1.9	1.5	.6								1.9	6.3
NE	1.0	1.0	1.1	.3								7.3	5.8
ENE	1.0	2.3	1.1	.3								4.6	5.8
E	1.1	1.9	1.2	.4								4.6	5.9
ESE	.8	1.0	.6									2.4	4.7
SE	.5	.9	.9	.1								2.4	6.7
SSE	.5	1.0	1.9	1.1								4.5	8.1
S	.6	1.4	.9	.8								3.7	7.1
SSW	.2	1.3	2.8	1.4	.2	.1						6.0	9.5
SW	.6	.6	1.8	3.9	1.5	.1						8.6	11.8
WSW	.5	1.2	2.5	3.1	1.3	.2	.1					8.9	11.6
W	.6	2.0	4.9	3.9	.9	.4	.1	.1				13.0	10.9
WNW	.5	1.1	1.9	2.4	.4							6.3	9.8
NW	.5	1.2	2.5	2.9	.2							7.3	9.7
NNW	1.1	1.6	1.8	1.1								5.6	7.4
VARBL													
CALM												5.1	
	11.5	22.6	31.8	23.3	4.5	.9	.2	.1				100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13713 SEYMOUR-JOHNSON AFB NC 65-70, 73-79 4AP

STATION STATION NAME YEARS MONTH

ALL WEATHER 1500-1700

CLAS HOUR (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	2.7	2.9	.9	.1							8.1	6.7
NNE	.4	1.7	1.3	.4								3.9	6.7
NE	.8	1.8	1.4	.3								4.3	5.9
ENE	.5	1.2	1.5									3.2	6.2
E	1.4	1.8	1.1	.3	.1							4.7	5.5
ESE	.8	1.4	.3									2.5	4.4
SE	.5	.4	.8	.1								1.8	6.1
SSE	.6	1.1	1.8	.8								4.4	7.5
S	.6	1.3	1.9	.8	.2							4.8	7.9
SSW	.3	1.7	2.6	1.8	.2							6.7	9.0
SW	.5	1.2	2.5	3.0	.3							7.5	10.0
WSW	.6	1.8	3.7	2.9	1.3	.2						10.5	10.5
W	.6	1.5	3.5	3.8	1.3	.3						11.1	11.2
WNW	.5	1.7	3.0	2.9	.3	.1						6.6	9.9
NW	.6	1.3	2.9	2.7	.1	.1						7.7	9.6
NNW	.9	1.4	1.6	1.4								5.3	7.9
VARBL													
CALM												4.8	
	11.5	24.1	32.8	22.0	4.0	.8						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 930

5376

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13713
STATION

SEYHOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

MAR
MONTH

ALL WEATHER
CLASS

1800-2300
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.4	2.0	1.5	1.1	.1							7.1	6.4
NNE	1.5	1.0	1.4	.2								4.1	5.6
NE	.8	1.0	1.0	.1								2.8	5.5
ENE	1.6	2.0	1.1	.3								5.1	5.4
E	2.2	3.0	1.0	.2								6.3	4.7
ESE	1.5	1.0	.4	.2								3.1	4.6
SE	1.0	.8	1.1	.1								2.9	5.7
SSE	.6	2.4	2.6	.5								5.1	6.6
S	1.5	3.0	4.0	.6								9.1	5.6
SSW	2.0	2.7	3.1	.8	.1							8.7	6.6
SW	1.3	1.9	1.2	.5								4.9	5.8
WSW	1.0	1.4	1.9	1.2	.1							5.6	7.5
W	1.4	2.3	1.8	1.1	.1	.2	.1					7.0	7.7
WNW	.3	1.1	1.9	1.2	.1							4.6	8.5
NW	.5	1.1	1.5	1.0		.1						4.2	8.3
NNW	1.2	1.8	1.3	1.1								5.4	7.0
VARBL													
CALM												12.9	
	20.8	28.4	26.8	10.2	.5	.3	.1					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOPAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

MAP
NORTH

ALL WEATHER
CLASS

2107-2300
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	1.9	1.1	1.0	.1							5.6	6.6
NNE	1.1	.3	1.0	.2								2.6	5.8
NE	.2	1.2	.5									1.9	5.3
ENE	.6	.9	1.1	.5								3.1	7.1
E	1.5	3.2	1.1	.4								6.2	5.5
ESE	1.9	2.8	1.1	.2								6.0	4.9
SE	1.7	1.8	1.0									4.5	4.5
SSE	2.0	2.5	1.2	.3	.1							6.1	5.1
S	1.3	5.5	2.2	1.1								10.0	6.2
SSW	1.0	4.0	5.3	1.2								11.4	7.3
SW	.3	1.6	.4	.1								2.5	5.6
WSW	.4	1.4	.8	.3								2.9	5.7
W	.8	1.5	1.8	.4	.3							4.8	7.7
WNW	.6	1.8	1.4	.1								4.0	5.9
NW	.5	1.4	2.2	1.2	.1	.1						5.5	8.5
NNW	.5	1.1	1.3	.6	.1							3.7	7.7
VARBL													
CALM												19.1	
	16.1	32.9	23.2	7.7	.8	.1						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS

930

5377

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/4AC

SURFACE WINDS

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

13713 SEYHOUR-JOHNSON AFB NC 68-70, 73-79 MONTH ALL

CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1-3	4-5	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	2.6	2.7	1.1	.1							3.3	6.5
NNE	.7	1.6	1.4	.4								4.1	6.4
NE	.6	1.7	1.1	.1								3.5	5.6
ENE	1.0	1.7	1.4	.3	.0							4.4	5.9
E	1.5	2.6	1.3	.2	.7							5.6	5.2
ESE	1.3	1.7	.6	.1								3.7	4.7
SE	.9	1.0	.6	.1								2.6	5.1
SSE	1.0	1.3	1.2	.5	.0							4.0	6.4
S	1.1	2.4	1.6	.6	.1	.0						5.2	6.4
SSW	1.0	2.1	2.7	1.1	.1	.1						7.0	7.7
SW	1.0	1.6	1.8	1.6	.3	.0						6.2	8.3
WSW	.9	1.7	1.9	1.3	.4	.1	.0					6.4	8.4
W	.9	2.1	2.5	1.6	.4	.7	.0	.0				7.8	9.0
WVW	.7	1.5	1.9	1.1	.1	.0						5.3	8.1
NW	.6	1.2	2.1	1.4	.1	.0						5.4	8.6
NNW	.8	1.5	1.9	1.0	.0							5.2	7.6
VARBL													
CALM												14.7	
	15.6	28.2	26.9	12.4	1.7	.4	.1	.0				100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13713 STATION NAME SEYMOUR-JOHNSON AFB NC YEARS 68-79, 73-79 MONTH APR
 CLASS ALL WEATHER HOUR(S) (L & T.) 000-0200
 CONDITION _____

SPEED (KNTS) DIR.	1-3	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	1.6	1.6	.4								5.1	5.6
NNE	.6	1.2	1.0	.3								5.1	6.4
NE	.2	.9	.6	.2	.1							2.0	7.2
ENE	1.2	1.3	.9									3.4	4.8
E	1.6	1.7	1.0	.1								4.3	4.8
ESE	2.4	.9	.2									3.6	3.3
SE	1.6	1.2	.3									2.1	3.7
SSE	1.2	.8	.2									2.2	3.6
S	2.2	3.1	1.2	.3								6.9	4.9
SSW	1.4	3.3	3.4	1.0	.2							9.4	7.2
SW	1.9	3.2	3.1	1.2								9.4	6.6
WSW	1.3	2.7	1.3	.1								5.4	5.2
W	1.4	1.2	.7	.6	.1							4.2	5.9
WNW	.4	1.8	.9	.3								2.4	6.4
NW	.4	1.6	.8	.2								3.5	6.1
NNW	.2	1.2	1.2	.4								3.1	7.6
VARBL													
CALM												28.3	
	19.8	27.7	18.4	5.3	.4							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 900

5378

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIP WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 17713 STATION NAME SEYMOUR-JOHNSON AFB NC YEARS 68-70, 73-79 MONTH APR
 CLASS ALL WEATHER HOURS (LST) 700-2000
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.1	1.8	.9	.3								3.1	3.2
NNE	1.3	2.1	.6	.6								4.5	5.4
NE	.6	1.3	1.2									3.1	6.1
ENE	.7	1.6	.7									2.9	3.1
E	1.7	.9	1.1									3.7	4.3
ESE	1.6	.9	.4	.1								3.3	4.0
SE	1.1	.8										1.9	2.9
SSE	.7	.7	.1									1.4	3.5
S	3.0	1.7	1.2	.7								6.6	5.2
SSW	1.6	2.1	1.3	1.0								6.2	6.6
SW	1.2	4.0	3.0	.4	.1							8.8	5.2
WSW	2.1	3.9	1.1	.3								7.4	4.9
W	2.0	2.2	.8	.2	.1							5.3	5.0
WNW	.6	1.4	1.4	.1								3.6	6.2
NW	.7	1.9	.8	.1								3.4	5.4
NNW	.9	1.7	1.1	.2		.1						4.0	6.1
VARBL													
CALM												29.2	
	21.7	28.9	15.8	4.1	.2	.1						100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

SURFACE WINDS

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

1713 SEYMOUR-JOHNSON AFB NC 69-70, 73-79 APR 69
 STATION STATION NAME YEARS MONTHS
 ALL WEATHER
 CLASS
 CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	1.8	2.4	1.8	.9								0.2	6.0
NNE	1.2	2.4	1.7	.2								2.6	5.5
NE	1.2	1.9	.9	.1								4.1	3.0
ENE	.6	1.4	1.1	.1								3.2	6.0
E	2.1	2.3	.9	.1								2.4	4.6
ESE	.6	.9	.3									1.8	4.4
SE	.9	.4	.6									1.7	4.6
SSE	1.2	.6	.2									1.2	3.7
S	1.0	2.8	1.1	.2								5.1	5.4
SSW	1.1	2.0	1.4	1.2	.1							5.9	7.3
SW	.9	2.7	3.1	1.1								7.8	7.1
WSW	1.4	3.6	2.0	.7	.1							7.8	6.2
W	1.0	1.9	3.4	1.0								8.1	6.8
WNW	1.1	2.7	1.0	.2								2.0	5.5
NW	.8	1.6	1.0	.1	.1							3.6	6.4
NNW	.4	2.0	1.9	.3								4.7	6.7
VARBL													
CALM												21.2	
	18.1	31.6	22.4	6.3	.3							102.0	4.7

TOTAL NUMBER OF OBSERVATIONS 900

5379

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1713 SEYMOUR-JOHNSON AFB NC 68-70, 73-79 APR 1970-1970
 STATION NAME YEARS MONTH HOURS (LST)
 ALL WEATHER
 CLASS
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	≥56	%	MEAN WIND SPEED
N	1.2	2.4	5.1	1.7	.2							10.7	7.9
NNE	.9	1.4	2.8	.6								5.7	6.8
NE	.4	2.0	1.9	.2								4.6	6.3
ENE	1.7	2.4	3.4	.6								6.4	6.5
E	1.0	2.0	1.3	.2								4.6	5.0
ESE	1.6	1.4	1.0									4.0	4.6
SE	.7	1.6	.8									3.0	5.3
SSE	.8	.8	.4	.1								2.1	4.8
S	.8	.9	2.2	.7	.2							4.8	7.3
SSW	.7	.9	2.2	2.0	.2							6.0	9.2
SW	.1	1.3	2.8	3.6	.8	.1						6.7	11.0
WSW	.7	1.1	3.1	2.8	.3	.1						7.1	10.0
W	1.0	3.0	3.4	2.8	.3	.1						10.7	8.4
WNW	.8	1.2	2.3	2.3	.2	.1						7.0	9.3
NW	.2	.6	2.3	.9	.1							4.1	8.9
NNW	.3	1.9	2.8	1.0								5.0	8.1
VARBL													
CALM												3.7	
	12.1	25.0	37.0	19.3	2.4	.4						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1713 SEYmour-JOHNSON AFB NC 65-7.73-79 APR 12.0-14.0
STATION STATION NAME YEARS MONTH HOURS (LST)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	2.9	2.7	1.7	.1							8.6	7.5
NNE	1.0	1.8	1.7	.4								4.9	6.3
NE	.3	.8	.7	.1								1.9	6.1
ENE	1.4	1.7	1.8									4.9	5.3
E	1.1	2.7	1.2									5.0	5.3
ESE	.8	1.9	.6									3.2	5.0
SE	.9	1.4	.2									6.6	4.3
SSE	.3	1.2	.6									2.1	5.7
S	.6	1.1	2.3	.3								4.3	7.1
SSW	.2	1.4	2.7	3.1	.3							7.8	10.1
SW	.4	1.1	2.3	3.1	.3	.2						7.6	10.8
WSW	.6	1.7	3.1	3.7	1.1	.4						10.6	11.3
W	1.0	3.6	3.3	2.6	1.2	.1						11.8	9.2
WNW	.9	1.2	2.4	2.2	.2	.1						7.1	9.2
NW	.2	1.6	3.2	2.2	.1							7.3	9.1
NNW	.8	2.1	3.7	1.1								7.7	7.3
VARBL													
CALM												2.8	
	11.8	28.1	32.4	20.6	3.4	.9						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 900

5380

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

18713 STATION SEYMOUR-JOHNSON AFB NC 68-70, 73-79 YEARS APR MONTH
 ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	2.2	2.7	1.7	.1							7.8	7.4
NNE	.4	1.9	1.7	.1	.1							4.2	6.4
NE	.9	1.2	.8									2.9	5.3
ENE	.6	1.1	1.6	.1	.1							5.4	6.7
E	.6	1.3	1.7	.1								3.7	6.7
ESE	.6	1.7	.4	.1								2.8	5.4
SE	.3	.8	1.0									2.1	6.1
SSE	.8	1.8	1.8	.1								4.4	6.1
S	.4	1.8	2.6	.9								5.7	7.7
SSW	.3	1.6	3.2	1.6								6.7	6.6
SW	.1	2.1	2.6	4.8	.9	.1						13.6	10.9
WSW	1.1	1.8	3.7	3.8	1.1	.6						12.0	10.6
W	1.0	2.9	2.1	3.0	.4							9.4	8.8
WNW	.6	1.8	2.9	1.8	.4							7.3	9.0
NW	.2	1.6	2.9	2.1								6.8	8.9
NNW	1.0	1.4	3.4	1.2	.1							7.2	7.9
VARBL													
CALM												3.0	
	.0	26.9	24.8	21.3	3.3	.7						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 1713 STATION NAME SCYMOUR-JOHNSON AFB NC YEARS 69-70, 73-79 APP APF
NORTH

CLASS ALL WEATHER
CLASS

CONDITION _____
CONDITION

HOUS (L S T) 16, 0-2, 00
HOUS (L S T)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.0	2.3	2.2	.2	.1							6.9	5.9
NNE	.7	.8	.4									1.9	4.5
NE	.8	1.1	.6									2.4	4.9
ENE	.6	.9	1.1	.1								2.7	5.0
E	1.3	2.9	2.6	.9								7.7	6.5
ESE	.6	1.2	.1									1.9	4.1
SE	.7	.8	.9									2.3	5.0
SSE	1.6	3.8	.8	.1								6.2	4.8
S	1.8	4.6	5.3	.8								12.4	6.3
SSW	1.2	3.0	3.9	1.4								9.6	7.1
SW	.9	1.9	3.1	1.6								7.4	8.0
WSW	.8	1.3	1.1	1.3	.3			.1				4.7	9.0
W	.9	1.7	1.6	1.0	.2	.1						5.4	7.8
WNW	.6	1.7	1.6	.8	.1							4.7	7.4
NW	.6	1.4	1.0	.8								3.8	7.5
NNW	1.0	.9	2.4	.3								4.7	6.5
VARBL													
CALM												15.3	
	15.8	29.9	28.7	9.3	.8	.1		.1				100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 900

5381

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-7J, 73-79
YEARS

APR
MONTH

ALL WEATHER
CLASS

210-2300
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	1.7	1.3	2.1	.3								5.4	5.9
NNE	1.0	.4	.7									2.1	4.9
NE	.4	1.0	.4	.2								2.1	5.7
ENE	.3	.8	.4	.1								1.7	5.9
E	1.6	2.2	2.6	.4								6.8	8.1
ESE	1.6	2.7	1.3									5.6	5.0
SE	2.1	1.8	.4	.1								4.4	4.0
SSE	1.7	3.7	1.0									6.3	4.5
S	3.3	6.1	3.4	.2								13.1	5.3
SSW	1.6	4.6	5.1	1.7	.1							13.0	7.1
SW	.3	1.6	2.7	1.2								5.8	8.0
WSW	.1	.7	.9	.2	.1							2.0	7.5
W	.7	.8	.4	.4								2.3	8.3
WNW	.8	1.1	.8	.4	.1							3.2	6.9
NW	.1	1.2	1.0	.8								3.1	8.1
NNW	.2	.9	.6	.3								2.0	7.5
VARBL													
CALM												21.0	
	17.4	30.8	23.9	6.6	.3							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

12713 STATION SEYMOUR-JOHNSON AFB NC 68-70, 73-79 YEARS 400 MONTH

ALL WEATHER

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	1.6	2.1	2.4	.9	.1							7.1	6.7
NNE	.9	1.5	1.3	.3	.0							4.0	5.7
NE	.6	1.3	.9	.1	.0							2.9	5.8
ENE	.8	1.4	1.2	.1	.0							3.5	5.9
E	1.4	2.0	1.5	.2								3.1	5.6
ESE	1.2	1.4	.6	.0								3.2	4.5
SE	1.0	1.1	.5	.0								2.7	4.4
SSE	1.0	1.7	.6	.7								3.4	4.7
S	1.6	2.7	2.4	.5	.0							7.4	6.1
SSW	1.0	2.4	2.9	1.6	.1							8.0	7.8
SW	.7	2.2	2.8	2.1	.3	.1						8.2	8.6
WSW	1.0	2.0	2.0	1.6	.4	.1		.0				7.2	8.6
W	1.2	2.2	2.0	1.4	.3	.0						7.1	7.8
WNW	.7	1.6	1.7	1.0	.1	.0						3.2	7.8
NW	.4	1.4	1.6	.9	.0							4.4	7.9
NNW	.6	1.5	2.1	.6	.0	.0						4.9	7.3
VARBL													
CALM												15.6	
	15.8	28.6	26.7	11.6	1.4	.3		.0				100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 7200

5382

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

17713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0000-2400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.0	1.1	.1								4.3	5.2
NNE	.6	.8	.6									2.7	5.2
NE	.5	1.4	.6	.1								2.7	5.6
ENE	1.1	1.5	.5									3.1	4.6
E	2.6	1.7	.8	.2								5.3	4.3
ESE	2.4	1.2	.8	.2								4.5	4.4
SE	1.7	.6	.1									2.5	2.9
SSE	2.2	1.5	.2									3.7	3.4
S	3.4	2.8	.6									6.9	3.8
SSW	3.2	4.7	1.9	.2								10.1	4.9
SW	2.8	3.8	1.4	.1								8.1	4.6
WSW	1.7	3.9	.5									6.1	4.3
W	1.1	1.5	.2									2.8	3.9
WNW	1.0	.4	.1	.1								1.6	3.9
NW	.6	.8	.2									1.6	4.1
NNW	.5	1.3	.4	.1								2.4	5.3
VARBL													
CALM												72.2	
	26.6	29.9	10.2	1.2								100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

17713 STATION SEYMOUR-JOHNSON AFB NC 68-79, 73-79 YEARS NAV NORTH

ALL WEATHER
 CLASS

0300-0500
 HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.6	1.8	1.1	.2								4.7	4.9
NNE	1.2	1.8	.8	.2								4.0	5.0
NE	1.2	2.3	.4	.1								4.0	4.7
ENE	1.2	1.4	.6	.1								3.3	4.5
E	1.5	1.9	.5									4.0	4.2
ESE	1.2	1.1	.4	.1								2.8	4.2
SE	1.1	1.1										2.2	3.7
SSE	1.5	.9	.2									2.6	3.3
S	3.4	2.3	.2	.1								6.0	3.4
SSW	2.0	1.9	.8	.4								5.2	4.8
SW	2.0	3.4	.8	.1								6.4	4.7
WSW	1.6	3.8	.5									5.9	4.3
W	3.2	2.6	.2									6.0	3.7
WNW	1.1	1.3	.2									2.6	4.0
NW	.5	1.4	.2									2.2	4.5
NNW	.9	1.3	.6									2.8	4.9
VARBL													
CALM												35.4	
	25.3	30.2	7.6	1.4								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 929

5383

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

17713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

63-70, 73-79
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0800-1800
HOURS (LST)

CORRECTED

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.8	3.7	1.8	.1								8.4	3.7
NNE	1.2	2.7	1.5	.3	.1							5.8	3.1
NE	.9	2.0	1.8	.5								5.3	3.2
ENE	1.3	2.0	1.0	.2								4.5	3.1
E	1.3	2.8	1.7									5.3	3.3
ESE	.5	1.0	.4									1.9	3.2
SE	1.5	1.1	.3									2.9	3.7
SSE	1.6	1.3	.2									3.1	3.9
S	1.4	2.7	.5									4.6	4.4
SSW	1.2	1.6	1.0	.2								4.0	3.6
SW	1.1	3.3	1.5	.3								6.2	3.8
WSW	2.2	3.5	2.2	.3								8.2	3.5
W	3.1	3.5	1.6	.3								6.6	4.9
WNW	1.0	2.3	.5	.2								4.0	4.8
NW	.9	1.6	.5	.1								3.1	3.0
NNW	1.0	1.6	1.0									3.5	3.0
VARB.													
CALM												20.0	
	22.8	36.8	17.6	2.7	.1							175.0	4.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/FAC

SURFACE WINDS

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

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

MAY
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	3.7	4.2	.4								12.2	6.2
NNE	.8	2.2	1.5	.2								4.6	6.0
NE	.6	3.2	2.5	.3								6.7	6.5
ENE	.9	2.8	3.1	.1								6.9	6.2
E	1.4	2.9	2.0	.3								6.7	6.3
ESE	.4	1.3	1.7	.2								3.7	6.8
SE	.8	1.7	.9	.1								5.7	5.4
SSE	1.2	.9	1.2	.1								3.3	5.5
S	1.4	2.2	1.5	.2								5.3	5.7
SSW	.9	1.5	2.8	1.0								6.1	7.5
SW	.5	.8	3.9	1.5								6.7	8.6
WSW	1.2	2.5	3.9	1.6								9.6	7.7
W	1.8	4.4	3.3	1.0								11.4	6.8
WNW	1.1	1.0	1.8	.5								4.4	6.9
NW	.5	1.0	1.4	.4								3.3	7.1
NNW	.6	1.6	1.6	.6								4.5	6.2
VARBL													
CALM												4.2	
	15.8	33.1	37.3	9.6								103.0	6.4

TOTAL NUMBER OF OBSERVATIONS 930

5384

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13713 SEYMOUR-JOHNSON AFB NC 68-73, 73-79 MAY
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	2.4	2.9	.8								6.8	6.9
NNE	.8	3.3	1.5	.4								6.2	6.0
NE	.5	2.7	1.5	.3								5.1	6.3
ENE	.8	2.6	2.0	.3	.1							3.8	6.2
E	.8	2.2	1.8	.3								5.1	6.1
ESE	.5	.9	1.3									2.7	6.1
SE	.4	1.2	.5									2.2	5.3
SSE	1.1	1.2	1.6	.1	.1							4.1	6.0
S	1.3	1.7	2.8	.6								6.5	6.7
SSW	1.3	2.2	2.5	1.2	.1							7.2	7.2
SW	1.0	1.3	3.1	3.0	.1	.1						3.6	9.1
WSW	1.7	2.9	3.4	1.8								9.9	7.3
W	1.6	2.4	3.9	2.4	.3							10.5	6.0
WNW	1.0	2.5	2.2	1.2								6.6	7.0
NW	.3	.8	2.0	.4								3.5	7.5
NNW	1.2	2.2	2.3	.1								5.7	6.2
VARBL													
CALM												3.7	
	14.9	32.2	35.4	13.0	.8	.1						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 1713 STATION NAME SEYMOUR-JOHNSON AFB NC YEARS 62-73, 73-79 MONTH MAY
 CLASS ALL WEATHER HOURS (L & T.) 1507-1700
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	3.7	3.3	.4	.1							3.9	0.3
NNE	.6	1.9	1.7	.3								4.5	0.4
NE	.4	2.4	1.5	.2								4.5	0.4
ENE	.8	2.5	2.0	.2								5.5	0.1
E	.6	2.5	1.7	.3								5.2	0.4
ESE	.4	.5	1.1	.1								2.2	0.7
SE	.1	1.2	1.5	.2								3.0	0.8
SSE	1.7	1.7	1.3	.3								5.1	0.3
S	1.3	3.3	3.2	.8								6.6	0.7
SSW	.8	1.6	3.1	1.3								6.8	7.6
SW	.5	1.8	3.3	2.3								8.1	8.5
WSW	.6	1.5	2.7	2.6								7.4	0.6
W	1.1	3.5	3.3	1.3	.2							9.5	7.2
WNW	.4	2.0	3.1	1.5								7.1	7.9
NW	.6	1.5	1.7	1.0	.1							4.9	7.6
NNW	.8	1.7	2.0	.4								4.9	0.6
VARBL													
CALM												5.9	
	13.0	32.7	36.8	13.2	.4							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 930

5385

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

17713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

MAY
MONTH

ALL WEATHER
CLASS

1312-2,00
HOURS (L.S.T.)

CORRECTION

SPEED (KNTS) DIR	1-3	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	2.0	1.6	.2		.1						6.1	5.4
NNE	2.3	1.4	.3									4.0	3.9
NE	.8	1.3	1.3									3.3	5.9
ENE	1.5	2.0	1.4	.1								5.1	5.0
E	2.2	3.2	2.0	.1								7.5	5.1
ESE	.5	.9	1.5	.1								3.0	6.5
SE	1.8	1.2	.6	.2								5.9	4.6
SSE	3.6	4.2	1.6									9.4	4.6
S	2.4	5.9	3.3	.5								12.2	5.6
SSW	.9	3.8	2.3	.1								7.0	6.0
SW	1.8	1.7	1.7	1.0								6.2	6.1
WSW	1.1	1.0	1.3	.2								3.6	5.6
W	1.1	1.4	.5	.3	.1							3.4	5.9
WNW	.8	1.4	.4									2.6	5.0
NW	.8	1.2	1.1	.3								3.3	6.3
NNW	.8	1.2	.6	.6								3.2	6.7
VARBL													
CALM												10.1	
	24.2	33.8	21.8	3.9	.1	.1						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS

925

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

MAY
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	2.7	1.0	.1								4.3	5.0
NNE	.3	1.5	.3									2.2	5.1
NE	.3	.4	.8									2.5	6.0
ENE	.4	1.4	.6	.1								2.6	5.2
E	3.2	2.9	1.2	.1								7.4	4.2
ESE	1.4	1.7	1.1	.1								4.3	5.1
SE	1.7	2.3	.8									4.7	4.3
SSE	3.4	3.1	.5									7.1	3.7
S	4.5	7.2	2.8									14.5	4.5
SSW	1.5	4.5	0.0	.5								10.3	6.3
SW	1.1	2.7	.9									4.6	5.0
WSW	1.1	1.0	.4	.3								2.5	4.6
W	.8	.6										1.4	3.5
WNW	.3	.4										.8	3.7
NW	.4	.8	.2	.2								1.6	3.5
NNW	.6	.2	.2	.3								1.4	6.4
VARBL													
CALM												23.4	
	22.4	32.8	14.7	1.6								100.0	3.5

TOTAL NUMBER OF OBSERVATIONS

929

5386

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE, PAC

SURFACE WINDS

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

1713 LEYMCOR-JOHNSON AFB NC 68-70, 73-19 MAY NORTH
 STATION STATION NAME YEAR MONTH
 ALL WEATHER CLASS ALL MONTHS (L & S)
 CLASS MONTH

SPEED (KMTS) Dir.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	2.6	2.1	.3	.1	.1						5.7	5.7
NNE	1.0	1.9	1.0	.2	.2							4.1	5.6
NE	.7	2.0	1.3	.2	.1							4.1	6.0
ENE	1.0	2.0	1.4	.1	.1							4.5	5.5
E	1.7	2.5	1.5	.2								5.9	5.1
ESE	.9	1.1	1.0	.1								3.1	5.5
SE	1.1	1.2	.6	.1								3.0	4.6
SSE	2.0	1.8	.9	.1	.2							4.8	4.5
S	2.4	3.5	1.9	.3								9.1	5.1
SSW	1.5	2.7	2.3	.6	.7							7.1	8.2
SW	1.4	2.4	2.1	1.5	.7	.7						6.9	6.7
WSW	1.4	2.6	1.9	.8								6.7	6.4
W	1.7	2.5	1.6	.8	.1							5.7	6.1
WNW	.8	1.4	1.0	.4								3.7	6.2
NW	.6	1.1	.9	.3	.3							3.0	6.3
NNW	.8	1.4	1.1	.3								3.6	6.1
VARBL													
CALM												18.3	
	29.6	32.7	22.7	.8	.2	.0						130.0	4.7

TOTAL NUMBER OF OBSERVATIONS 7436

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1973 STATION NAME SEYMOUR-JOHNSON AFB NC 62-70.7-79 YEARS JUN MONTH
 CLASS ALL WEATHER NUMBER (LST) 200-200
 CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	2.1	.7									3.9	4.5
NNE	1.0	.7	1.1	.1								4.0	3.0
NE	1.2	.0	.1									2.2	3.5
ENE	1.7	1.4	.4				.1					3.7	4.7
E	2.6	1.7										4.2	3.1
ESE	2.7	.9										3.1	2.7
SE	1.3	.0										.2	3.1
SSE	2.5	1.6	.1									4.2	3.2
S	6.6	2.7	.8									10.0	3.2
SSW	3.1	4.2	1.8									9.1	4.6
SW	.5	2.9	1.5	.2								6.4	5.5
WSW	1.3	2.6	.2	.1								4.2	4.2
W	.9	.4	.3									1.7	4.1
WNW	.1	.6	.1									.8	4.4
NW	.2	.2	.3									.8	5.7
NNW	.4	.2	.1	.1								.9	5.0
VARBL													
CALM												30.6	
	27.9	25.0	7.9	.6			.1					100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 900

5387

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14713 SEYMOUR-JOHNSON AFB NC 68-70, 73-79 JUL 1968
 STATION STATION NAME YEARS MONTH
 ALL WEATHER CLASS 312-500 HOURS (LST)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.3	2.2	.4	.1								.1	4.0
NNE	1.1	2.3	.4	.2								4.1	4.9
NE	.3	1.8	.3									3.4	4.1
ENE	1.4	.8	.3									3.6	3.6
E	1.4	1.9	.3									3.7	4.0
ESE	1.9	.3	.1									2.3	2.4
SE	1.8	.4	.1									2.3	2.8
SSE	2.3	.4	.1									2.9	2.8
S	3.9	1.4	.2									5.6	2.9
SSW	2.2	2.8	1.3	.1								6.4	4.6
SW	2.7	3.2	1.4									7.3	4.5
WSW	1.7	3.2	.7	.1								5.7	4.6
W	1.3	1.6	.2									3.1	3.9
WNW	1.2	.6	.1									1.9	2.8
NW	.1	.2	.2									.6	5.6
NNW	1.0	.6	.1									1.7	3.3
VARBL													
CALM												41.3	
	27.8	23.8	6.6	.6								100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 1713 STATION NAME SEYMOUR-JOHNSON AFB NC YEARS 68-70, 77-79 MONTH JUL
 CLASS ALL WEATHER HOURS (L & T) 6-20
 CONDITION _____

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.6	2.7	.7	.1								6.7	4.5
NNE	1.1	2.7	1.3	.7								5.5	6.1
NE	1.2	2.2	1.1									4.0	4.9
ENE	1.1	2.7	1.2									4.3	4.9
E	.9	2.7	1.8									2.5	3.4
ESE	1.8	.9										2.7	3.7
SE	1.4	.9										2.3	3.1
SSE	1.4	1.4	.1									3.0	3.7
S	1.7	2.4	1.1	.1								5.3	4.7
SSW	2.6	3.7	1.6									8.0	4.5
SW	1.4	3.9	2.1	.1								7.6	5.5
WSW	2.0	3.1	3.2	.1								8.4	5.6
W	1.6	3.1	2.1	.3								7.3	5.6
WNW	.3	1.2	.7	.1								2.3	5.3
NW	.9	.9	.6	.1								2.4	4.8
NNW	.9	1.9	.4									2.2	4.3
VARBL													
CALM												71.3	
	23.3	35.7	18.0	1.7								172.0	4.9

TOTAL NUMBER OF OBSERVATIONS 900

5388

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

SURFACE WINDS

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

1713 STATION SEYMGUR-JOHNSON AFB NC 69-70, 73-79 YEARS JUN MONTH
 ALL WEATHER CLASS 90-100 HOURS (LST) HOUR

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.6	2.3	2.6	.1								6.6	5.5
NNE	1.1	2.9	2.7	.6								7.2	6.7
NE	.8	2.1	2.3									5.2	6.1
ENE	.8	2.3	2.7	.2								6.0	6.6
E	1.1	3.0	2.7	.4								6.6	6.7
ESE	1.0	1.3	.4									2.8	4.7
SE	1.1	1.8	.4									3.3	4.3
SSE	.9	.9	.8									2.6	4.8
S	1.6	1.4	2.8	.2								6.0	6.0
SSW	1.3	2.4	3.4	.4								7.7	6.5
SW	1.0	2.8	3.6	.7								8.9	6.8
WSW	1.0	2.7	5.2	1.3								10.2	7.5
W	2.8	3.8	3.8	.7								11.0	5.9
WNW	1.1	2.1	1.8	.1								5.1	5.7
NW		1.0	1.1	.1								2.2	7.3
NNW	1.4	1.0	1.0	.2								3.7	5.5
VARBL													
CALM												5.9	
	18.6	33.9	36.6	5.1								109.6	5.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 1713 STATION NAME SEYMOUR-JOHNSON AFB NC YEARS 68-70, 73-79 MONTH JUN
 CLASS ALL WEATHER MONTH 170-1400
 CONDITION _____ HOURS (L & 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	1.4	1.3	2.8	.3								5.9	5.4
NNE	1.1	2.7	2.7	.4								6.9	6.3
NE	.4	.9	1.4	.4								3.2	7.1
ENE	1.1	2.6	2.3	.7	.1							6.8	6.7
E	1.2	2.1	1.2	.9								5.5	5.2
ESE	1.1	1.4	.8	.2								3.6	5.4
SE	1.1	1.4	1.3									3.9	5.3
SSE	.6	2.7	1.3									4.6	5.7
S	1.9	3.1	2.1	.7								7.8	6.0
SSW	.8	2.2	3.7	.2								6.9	6.8
SW	.9	2.1	3.2	1.1	.1							7.5	7.4
WSW	1.1	2.9	3.9	2.7								15.6	8.2
W	1.6	3.1	3.7	.9	.1							9.3	5.9
WNW	1.3	1.9	2.3	.8								6.3	5.6
NW	.6	1.7	.7									2.9	5.2
NNW	.7	2.1	1.1	.2								4.1	5.6
VARBL													
CALM												4.3	
	16.9	34.3	34.6	9.6	.3							100.2	6.3

TOTAL NUMBER OF OBSERVATIONS 899

5389

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1713 SEYMCUR-JOHNSON AFB NC 68-70-73-79 JUN
 STATION STATION NAME YEARS MONTH
 ALL WEATHER 1500-1700
 CLASS HOURS (LST)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.3	2.3	.2								5.3	6.2
NNE	1.0	2.0	1.8	.2								5.2	6.0
NE	1.2	1.5	1.4	.2								4.4	5.6
ENE	1.7	2.9	1.9	.6								7.3	5.9
E	1.9	3.3	1.7	.6								7.4	5.5
ESE	.8	1.6	1.7	.3								3.7	5.9
SE	.9	1.2	.7	.3								3.3	6.1
SSE	1.0	3.8	1.1	.9								6.8	6.7
S	1.7	4.7	3.4	1.2								11.0	6.4
SSW	1.4	2.9	3.9	.4								5.7	6.6
SW	.4	.9	3.0	1.4	.1							5.9	8.5
WSW	.4	1.4	3.7	1.4								7.0	8.4
W	1.3	2.8	3.4	.6								8.1	6.6
WNW	1.0	2.6	2.7	.4								6.7	6.7
NW	.6	.8	.9	.2								2.4	6.6
NNW	.7	1.4	.6	.6	.1							3.3	6.5
VARBL													
CALM												3.4	
	16.9	36.1	33.7	9.7	.2							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 1713 STATION NAME SEYMOUR-JOHNSON AFB, NC YEARS 69-73, 73-79 MONTH JUN
ALL WEATHER CLAS 800-0100
 HOURS (L & T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	1.7	.8	.2								3.8	5.4
NNE	.9	1.4	.6	.1								3.0	4.8
NE	.7	1.8	1.8	.1								4.3	6.1
NNE	.9	2.6	.6	.1								4.1	5.1
E	2.7	3.0	1.2	.2	.1							7.2	4.8
ESE	1.6	2.1	.7	.2								4.6	4.7
SE	1.9	2.6	1.6	.3								6.3	5.2
SSE	4.2	4.4	1.9	.1								12.7	4.5
S	3.2	5.4	4.7	.6								13.9	5.6
SSW	1.8	3.4	2.8	.3								8.3	5.7
SW	1.3	1.9	1.1	.1								4.4	5.1
WSW	1.0	2.0	1.2	.2								4.4	5.7
W	1.3	1.0	.4									2.8	4.2
WNW	.7	1.9	1.1	.1								3.8	5.5
NW	.2	1.3	.3									1.9	4.9
NNW	.6	.9	.4	.3								2.2	6.4
VARBL													
CALM												14.2	
	24.0	37.4	21.1	3.1	.1							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 906

5380

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 17713 STATION NAME SEYMOUR-JOHNSON AFB NC YEARS 68-70, 73-79 MONTH JUN
 CLASS ALL WEATHER HOURS (LST) 2100-2300
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
I.	1.7	1.2	.6									3.1	4.4
NNE	.7	1.2	.9	.1								2.9	5.4
NE	.7	1.0	.4	.1								2.2	4.9
ENE	1.1	1.4	.2									2.8	4.7
E	3.7	1.4	.3									5.4	3.2
ESE	2.0	.7	.1									3.3	2.9
SE	4.0	1.3	.1									5.4	2.6
SSE	2.9	3.9	.4									7.2	3.9
S	7.1	8.1	2.7									17.2	4.0
SSW	2.9	3.8	3.1	.1								9.9	3.2
SW	1.6	1.8	1.7									5.0	5.1
WSW	1.3	.2	.4									2.0	4.1
W	.2	.8	.4									1.4	5.4
WNW	.1	.3	.3									.8	6.3
NW		.2	.2	.1								.6	7.8
NNW	.3		.1									.4	3.2
VARBL													
CALM												30.2	
	30.4	27.4	11.4	.4								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 ATR WEATHER SERVICE/MAC

SURFACE WINDS

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

1713 STATION SEYMOUR-JOHNSON AFB NC 65-73-73-79 YEARS JUN

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	2.7	1.3	.1								5.0	5.2
NNE	1.0	2.1	1.4	.3								4.9	5.3
NE	.9	1.5	1.1	.2								3.7	5.4
ENE	1.2	2.0	1.2	.2	.3		.0					4.7	5.5
E	1.9	2.4	1.1	.2	.2							5.7	4.9
ESE	1.6	1.2	.4	.1								3.3	4.1
SE	1.7	1.3	.6	.1								3.7	4.3
SSE	2.0	2.4	.7	.1								5.2	4.5
S	3.4	3.7	2.1	.3								9.6	4.9
SSW	2.0	3.2	2.7	.2								8.1	5.5
SW	1.4	2.4	2.2	.5	.2							6.5	6.1
WSW	1.2	2.3	2.3	.8								6.6	6.6
W	1.4	2.1	1.8	.3	.2							5.6	5.9
WNW	.7	1.4	1.1	.2								3.5	5.9
NW	.3	.8	.5	.1								1.7	5.8
NNW	.8	1.0	.5	.2	.2							2.4	5.4
VARBL													
CALM												19.9	
	23.2	31.7	21.2	3.8	.1		.0					100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 7199

5391

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13713
STATION

SEYHOUR-JOHNSON AFB NC
STATION NAME

62-70, 73-79
YEARS

JUL
MONTH

ALL WEATHER
CLASS

3030-0700
HOURS (LST)

CONDITION

SPEED (KMTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	1.1	.2									2.2	3.6
NNE	.8	.4										1.2	3.2
NE	.6	1.2										1.8	4.2
ENE	.4	.6	.2									1.3	4.9
E	2.2	1.9	.5									4.6	3.8
ESE	1.1	.1	.2									1.4	3.2
SE	1.9	.6	.1									2.7	3.1
SSE	2.4	.8										3.1	2.7
S	4.8	2.7	.4	.1								3.1	3.4
SSW	5.2	5.7	.8									11.6	3.7
SW	3.2	5.6	1.9	.1								10.9	4.6
WSW	2.7	3.3	.2									6.2	3.8
W	1.9	1.6	.3									3.9	3.6
WNW	1.3	.6	.1									2.0	3.1
NW		.1	.1									.2	6.0
NNW	.6	.3										1.0	2.9
VARBL													
CALM												37.8	
	50.0	26.8	5.2	.2								100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

SURFACE WINDS

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

17713 SEYMOUR-JOHNSON AFB NC 68-79, 73-79 JUL
 STATION NAME STATION NAME YEARS MONTH
 ALL WEATHER 0330-2500
 (LMB) HOURS (LST)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.0	1.3	.1									3.4	3.2
NNE	.8	1.3	.3									2.4	4.3
NE	.9	1.0										1.8	3.5
ENE	1.0	.9	.1									1.7	3.8
E	2.5	.9	.2									3.5	3.3
ESE	1.1	.4	.1									1.6	3.0
SE	.8	.5										1.3	2.0
SSE	1.2	.4										2.4	2.5
S	3.7	2.4	.1									6.1	3.3
SSW	4.3	1.8	.2									6.3	3.1
SW	2.8	5.1	1.0									8.8	4.2
WSW	2.7	4.6	1.1	.1								8.5	4.6
W	2.8	2.7	.5									6.0	3.8
WNW	1.8	.8	.1									2.7	3.2
NW	.5	.3										.9	2.9
NNW	.9	.2	.1									1.2	3.3
VARBL													
CALM												41.1	
	30.3	24.5	4.0	.1								173.0	2.2

TOTAL NUMBER OF OBSERVATIONS 930

5382

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13713 STATION SEYMOUR-JOHNSON AFB NC STATION NAME 68-70, 73-79 YEARS JUL MONTH
 ALL WEATHER CLASS 1600-1800 HOURS (LST) CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.2	2.0	.5	.1								4.8	4.2
NNE	1.4	2.9	1.1									5.4	4.8
NE	1.0	1.7	.9	.1								3.7	5.1
ENE	.9	1.7	.6									3.2	4.6
E	1.5	1.3	.2									3.0	3.7
ESE	1.4	.4										1.8	2.6
SE	1.4	.6										2.0	3.1
SSE	1.9	.8	.2									2.9	3.2
S	3.4	2.3	.1									5.8	3.1
SSW	2.6	3.4	.5									8.6	3.9
SW	2.3	5.6	1.1									8.9	4.6
WSW	3.0	5.6	4.3	.2								13.1	5.5
W	2.0	3.5	2.3									7.8	5.2
WNW	1.0	1.2	.2									2.4	4.0
NW	1.0	.5										1.5	2.9
NNW	1.0	.3	.4									1.7	3.9
VARBL													
CALM												25.3	
	27.8	34.0	12.5	.4								100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

17713 STATION 13 SEYMOUR-JOHNSON AFB NC STATION NAME 69-70,73-79 YEARS MONTH JUL 19 0-117 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	3.9	1.4									6.7	4.6
NNE	1.0	1.9	1.4	.1								5.4	5.7
NE	1.6	1.3	1.9	.1								4.9	5.6
ENE	1.0	1.0	2.2	.4								4.5	6.8
E	1.5	2.8	2.0	.1								6.5	5.4
ESE	1.3	1.1	.1									2.5	3.7
SE	.4	.8	.1									1.3	4.5
SSE	.6	1.5	.5									2.7	4.6
S	1.4	2.2	1.0									4.5	4.7
SSW	1.9	4.7	1.9	.2								8.8	5.3
SW	1.7	4.5	2.3	.3								9.8	5.6
WSW	1.2	5.3	6.1	.9								13.4	6.8
W	3.5	5.4	3.2	.5								12.7	5.4
WNW	1.4	1.3	1.3									4.0	5.0
NW	.9	.6	.5									2.0	4.5
NNW	1.7	1.4	.5									3.7	4.1
VARBL													
CALM												6.3	
	24.8	39.6	26.6	2.7								107.0	5.1

TOTAL NUMBER OF OBSERVATIONS 939

5383

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13713 STATION NAME SEYMOUR-JOHNSON AFB NC YEARS 68-70, 73-79 MONTH JUL
 CLASS ALL WEATHER HOURS (L & Y) 1200-1400
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	2.7	1.5	.2								5.6	5.7
NNE	1.7	2.8	2.3	.3								7.1	5.6
NE	.5	2.3	.6									3.4	5.2
ENE	1.5	1.8	1.7	.2								5.2	5.5
E	2.3	2.3	1.1	.3								5.9	4.9
ESE	1.1	1.0	.6	.1								2.8	4.8
SE	.4	1.4	.3									2.2	4.8
SSE	1.0	1.8	.2	.1								3.1	4.6
S	1.4	3.5	2.4	.1	.1							7.5	5.7
SSW	1.8	3.5	3.5	.2								9.1	5.8
SW	1.4	3.8	3.5	.8								9.5	6.4
WSW	1.2	4.0	4.7	1.2								11.1	7.1
W	1.0	4.6	4.7	.6								11.3	6.8
WNW	.8	3.1	1.5	.2								5.6	5.7
NW	.8	.8	1.0									2.5	5.3
NNW	1.3	1.9	.6									3.9	4.6
VARBL													
CALM												4.5	
	19.2	41.3	30.4	4.4	.1							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	3.9	1.7	.1								6.2	4.9
NNE	1.2	2.5	2.2	.1								5.9	6.0
NE	.8	1.9	1.4	.3								4.4	5.8
ENE	1.0	3.1	1.7	.1								5.9	6.7
E	1.7	2.5	1.3	.1								5.6	5.1
ESE	.9	1.3	1.1	.2								3.4	5.9
SE	1.0	1.6	.5	.3								3.4	5.4
SSE	1.5	3.3	1.1	.2								6.1	4.9
S	2.4	4.7	3.4	1.0								11.5	6.3
SSW	2.5	3.0	3.3	.8								9.6	6.0
SW	.5	3.6	4.3	1.0								9.4	7.2
WSW	.6	1.8	3.8	.9	.2							7.3	7.7
W	1.4	3.8	2.5	.4								8.1	6.1
WNW	.6	2.6	1.4	.2	.1							5.3	6.3
NW	.6	.9	1.3									1.8	4.9
NNW	.4	1.0	.3									1.7	4.7
VARBL													
CALM												4.5	
	18.4	41.4	29.6	5.7	.3							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 929

5384

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

17713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

JUL
MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	1.7	.5	.1								3.5	4.9
NNE	.9	1.0	.5	.1								2.5	4.7
NE	1.7	1.4	.9									3.9	4.4
ENE	1.5	2.3	1.2									4.9	4.9
E	3.0	2.6	1.9									7.5	4.6
ESE	2.4	1.3	.6									4.3	3.7
SE	1.8	1.6	.2									3.7	3.6
SSE	3.4	3.7	.9									9.0	4.1
S	7.1	6.6	2.2	.2								16.0	4.3
SSW	3.4	3.4	1.9	.1								8.9	4.7
SW	1.5	3.9	1.5	.1								7.0	5.3
WSW	1.4	2.4	.8	.4								4.9	5.2
W	1.2	1.4	.6	.2	.1							3.5	5.5
WNW	.6	1.2	.5									2.4	5.0
NW		.4	.1									.5	5.2
NNW	.3	.4	.5	.1								1.4	5.9
VARBL													
CALM												17.0	
	31.5	35.2	14.8	1.4	.1							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 12713 SEYMOUR-JOHNSON AFB NC YEARS 68-70, 73-79 MONTH JUL
 CLASS ALL WEATHER MONTHS (L.S.T.) 0100-2300
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	.6	.2									2.0	3.7
NNE	.8	.8	.1	.1								1.7	4.2
NE	.3	1.0	.1									1.4	4.2
ENE	.8	1.4	.3									2.5	4.6
E	1.0	3.3	.5	.1								4.9	4.7
ESE	2.0	1.0	.3									3.3	3.2
SE	1.9	1.1										3.0	3.1
SSE	4.5	1.8	.2									6.6	3.7
S	7.3	8.9	1.0									17.2	3.8
SSW	3.7	6.7	2.5									12.8	4.8
SW	1.8	2.2	.8	.1								4.8	4.4
WSW	2.0	1.3	.2	.1								3.8	3.9
W	1.0	1.1	.2									2.3	3.9
WNW	.5	.4	.2	.1								1.3	4.8
NW	.2	.2										.4	3.5
NNW	.3	.2	.3									.9	5.1
VARBL													
CALM												31.1	
	29.4	31.9	7.1	.5								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 930

5385

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13713 SEYMOUR-JOHNSON AFB NC 68-70, 73-79
STATION STATION NAME YEARS

ALL WEATHER
CLASS

ALL
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.6	2.2	.7	.1								4.5	4.6
NNE	1.2	1.7	1.0	.1								3.9	5.2
NE	.9	1.5	.7	.1								2.2	5.0
ENE	1.0	1.6	1.0	.1								3.7	5.3
E	1.9	2.2	1.0	.1								5.2	4.6
ESE	1.4	.8	.4	.0								2.6	4.7
SE	1.2	1.0	.2	.0								2.4	3.9
SSE	2.2	1.8	.4	.0								4.4	3.8
S	3.9	4.2	1.3	.2	.0							9.6	4.4
SSW	3.2	4.0	1.8	.2								9.2	4.7
SW	1.9	4.3	2.0	.3								8.5	5.3
WSW	1.9	3.5	2.7	.5	.7							8.5	5.9
W	1.9	3.0	1.8	.2	.3							6.9	5.4
WNW	1.0	1.4	.7	.1	.0							3.2	5.0
NW	.5	.5	.3									1.2	4.8
NNW	.8	.7	.4	.0								1.9	4.4
VARBL													
CALM												21.0	
	26.4	34.3	16.3	1.9	.1							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13713 STATION NAME SEYMOUR-JOHNSON AFB NC YEARS 68-70, 73-79 MONTH AUG
 ALL WEATHER _____
 CLAS _____
 CONDITION _____
 HOURS (L & T) 1000-2000

SPEED (KNTS) DIR.	1 - 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	1.3	.6									2.2	4.0
NNE	.6	1.6	.9	.1								3.2	5.9
NE	.9	1.4	.2									2.5	4.4
ENE	1.0	1.2	.5									2.7	4.8
E	2.5	.8	.2									3.4	2.9
ESE	1.3	.2										1.5	2.4
SE	1.0	.4										1.4	2.5
SSE	2.0	.3										2.4	2.3
S	5.1	1.5	.1									6.7	2.8
SSW	3.2	2.4	1.1	.1								6.8	4.0
SW	3.8	4.0	1.5									9.2	4.2
WSW	2.7	1.4	.2	.1								4.4	3.6
W	1.7	.6	.2	.1								2.7	3.8
WNW	.8	.3										1.1	2.7
NW	.6	.2										.7	2.6
NNW	.5	.2										.8	3.3
VARBL													
CALM												47.2	
	28.9	17.8	5.6	.4								100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 930

5306

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

AUS
MONTH

ALL WEATHER
CLASS

1300-0500
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.3	1.5	.3									4.1	3.5
NNE	1.3	2.2	1.1									4.5	5.0
NE	.9	1.4	1.0									3.2	4.9
ENE	.6	.3	.3									1.3	4.4
E	1.0	.5	.1									2.6	2.9
ESE	1.2	.3	.1									1.6	2.7
SE	.5	.1										.6	2.2
SSE	1.7											1.7	1.9
S	2.8	.4	.2									3.4	2.8
SSW	3.5	2.6	.5									6.7	3.7
SW	3.0	1.6	.9									5.5	3.8
WSW	3.1	3.2	.5									6.9	3.7
W	2.9	1.7										4.6	3.0
WNW	.6	.5										1.2	3.1
NW	.9											.9	2.1
NNW	.5	.3										.9	3.3
VARBL													
CALM												50.3	
	27.8	16.8	5.1									100.0	1.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

AUG
MONTH

ALL WEATHER
CLASS

0633-2800
HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	3.1	2.7	1.2	.1								5.5	4.2
NNE	2.2	2.8	1.7	.2								6.9	5.2
NE	.9	2.9	1.7									4.6	5.7
ENE	.8	1.5	.4									2.7	4.6
E	3.0	1.7	.1									.1	3.1
ESE	1.4	.6	.2									2.3	3.3
SE	1.6	.8										2.4	2.5
SSE	1.8	.4										2.3	2.6
S	2.3	1.3		.1								3.7	3.3
SSW	2.3	1.8	.6	.2								4.9	4.3
SW	1.9	3.3	1.3	.2								6.8	4.8
WSW	2.9	3.8	2.3									5.9	4.8
W	3.4	3.1	.9									7.4	4.1
WNW	1.1	.6		.1								1.8	3.4
NW	.9	.3										1.2	2.4
NNW	1.7	.4	.1									1.5	3.3
VARBL													
CALM												33.1	
	29.5	25.9	10.5	1.0								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 930

5387

GLOBAL CLIMATOLOGY BRANCH
 USAFLTAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

17713 STATION SEYMOUR-JOHNSON AFB NC 68-73,73-79 YEARS 808 MONTH

ALL WEATHER
 CLASS

7070-1100
 HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	2.9	1.6									6.3	3.0
NNE	.6	1.9	3.2	.3								6.1	7.3
NE	1.1	1.5	2.9	.5								5.5	6.9
ENE	1.9	3.7	2.7	.5								5.7	5.8
E	2.3	2.3	1.2	.3								6.0	5.1
ESE	.8	1.3	.5									2.6	4.6
SE	.8	.9	.2									1.8	4.2
SSE	1.6	1.2	.4									3.2	4.0
S	1.6	2.3	.1	.1								4.1	4.1
SSW	1.7	2.9	1.2	.1								5.9	4.8
SW	1.4	2.8	2.2	1.0								7.3	6.3
WSW	2.0	4.3	5.1	1.0								12.4	6.5
W	2.4	4.2	2.7	.4								9.7	5.4
WNW	1.5	1.9	.5									4.8	4.4
NW	.4	.5	.5	.2								1.7	6.3
NNW	1.1	1.3	.2									2.9	3.8
VARBL													
CALM												11.5	
	22.9	35.8	25.3	4.5								100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13713 STATION NAME SEYMOUR-JOHNSON AFB NC YEARS 68-70, 73-79 MONTH AUG
 CLASS ALL WEATHER HOURS (LST) 1000-1400
 CONDITION _____

SPEED (KTS) DIR.	1-3	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	3.1	1.5									6.3	5.1
NNE	1.3	2.4	2.7	.1								6.5	6.0
NE	.6	1.2	2.6	.9								5.3	7.8
ENE	1.5	1.5	2.4	.4								5.8	6.1
E	1.0	3.0	2.5	.5								7.0	6.5
ESE	.6	1.9	.8	.1								3.4	5.2
SE	.8	1.8	.5	.2								3.3	5.1
SSE	1.7	2.3	.4									4.4	4.1
S	1.8	4.8	1.3	.3								6.3	5.2
SSW	1.7	2.8	2.5	.3								7.3	6.0
SW	1.0	2.4	2.8	1.1								7.2	7.1
WSW	1.7	3.2	3.7	1.2								9.8	6.7
W	1.8	3.1	3.4	.6								9.0	6.4
WNW	1.8	1.4	1.5	.1								4.8	5.2
NW	.2	1.1	.3	.2								1.8	5.9
NNW	.6	1.8	.6	.2								3.3	5.0
VARBL													
CALM												6.3	
	22.0	37.8	29.5	6.3								113.0	5.6

TOTAL NUMBER OF OBSERVATIONS 930

5388

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIP WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 17713 STATION NAME SEYMOUR-JOHNSON AFB NC YEARS 68-70, 73-79 MONTH AUG
 CLASS ALL WEATHER HOURS (LST) 1800-1700
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.8	1.5	.3								4.9	5.7
NNE	1.1	3.0	2.3	.2								6.6	5.0
NE	.5	1.2	1.9	1.0								4.6	7.7
ENE	1.2	1.3	1.2	.4								4.1	6.2
E	1.5	2.4	3.0	.6								7.5	6.4
ESE	1.1	2.2	2.4									5.6	5.7
SE	1.3	2.0	1.3									4.6	5.1
SSE	1.2	3.1	1.0	.2								5.5	5.2
S	3.3	5.7	3.2	.8								13.0	5.6
SSW	1.7	2.6	3.0	.4								7.7	6.0
SW	.8	2.8	2.9	.8								7.2	7.0
WSW	.9	1.7	2.4	1.1								6.0	7.4
W	.9	2.8	3.0	.9								7.5	6.6
WNW	.8	1.8	1.0		.1							3.7	5.6
NW	.5	1.3	.8									2.6	5.4
NNW	.9	1.6	.6	.1								3.2	5.2
VARBL													
CALM												5.6	
	18.8	37.3	31.4	6.8	.1							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13713 STATION NAME SEYMOUR-JOHNSON AFB NC YEARS 68-70, 73-79 MONTH ALL
 CLASS ALL WEATHER
 HOURS (L & T.) 1800-2100
 CONDITION _____

SPEED (KNTS) DIR	1-3	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	1.5	.5	.2	.1							4.1	4.9
NNE	1.1	.9	1.0									2.9	5.1
NE	.9	2.3	1.0	.3								4.4	5.7
ENE	.3	2.0	1.3	.1								3.8	6.2
E	1.8	2.9	.4	.1								3.3	4.2
ESE	3.0	1.5	.4	.1								3.1	3.8
SE	3.2	2.3	.3									5.8	3.4
SSE	5.9	3.6	.5									10.0	3.3
S	6.6	5.2	1.8									13.6	3.9
SSW	2.7	3.0	1.9									7.7	4.7
SW	1.8	1.3	1.2	.2								4.5	5.0
WSW	.8	.5	.5									1.3	4.6
W	1.1	1.5	.3	.1	.1							3.1	5.0
WNW	.4	1.7										1.4	4.0
NW	.6	.2		.1		.1						1.1	6.0
NNW	.6	.6	.1	.1								1.5	4.0
VARBL													
CALM												23.9	
	32.7	30.3	11.4	1.4	.2	.1						100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 926

5389

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70-73-79
YEARS

AL
MONTH

ALL WEATHER
CLASS

11-2500
NOV (1 ST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-14	17-21	22-27	28-33	34-40	41-47	48-53	≥56	%	MEAN WIND SPEED
N	.6	1.2	.3	.1								2.4	4.5
NNE	1.0	1.2	.6									2.8	4.8
NE	.2	1.7	.4	.1								1.5	5.7
ENE	.5	1.2	.9	.1								2.7	5.9
E	2.7	2.3	.2									5.2	3.5
ESE	2.0	1.1	.1									3.2	3.0
SE	3.3	1.0		.1								4.5	2.7
SSE	4.7	1.8										6.6	3.0
S	7.3	4.6	.8									12.4	3.4
SSW	2.9	3.8	2.6									9.3	5.0
SW	1.3	1.8	.6									3.8	4.6
WSW	1.8	.9	.4									3.1	3.5
W	.8	.6	.3									1.7	4.0
WNW	.5	.1		.1								.8	4.1
HW	.6	.3	.1									1.2	3.6
NNW	.2	.3										.5	4.2
VARBL													
CALM												38.0	
	30.5	23.4	7.6	.5								100.0	2.4

TOTAL NUMBER OF OBSERVATIONS

927

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

17713 SEYMOUR-JOHNSON AFB NC 68-70, 73-79 AUG

STATION STATION NAME YEARS MONTH

ALL WEATHER
 CLASS

ALL
 HOUR (L & T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	1.9	1.0	.1	.1							4.7	4.7
NNE	1.1	2.0	1.7	.1								4.9	5.7
NE	.7	1.5	1.5	.3								4.1	6.4
ENE	1.0	1.6	1.2	.2								4.3	5.7
E	2.0	1.9	1.0	.2								5.0	4.8
ESE	1.4	1.1	.6	.0								3.2	4.7
SE	1.6	1.2	.3	.0								3.1	3.7
SSE	2.6	1.6	.3	.0								4.5	3.8
S	3.8	3.2	.9	.2								8.1	4.1
SSW	2.5	2.7	1.7	.1								7.0	4.9
SW	1.9	2.5	1.7	.4								6.4	5.4
WSW	2.0	2.4	1.9	.4								6.7	5.5
W	1.9	2.2	1.4	.3	.1							5.7	5.2
WNW	.9	1.0	.4	.0	.0							2.3	4.5
NW	.6	.5	.2	.1								1.4	4.7
NNW	.7	.8	.2	.1								1.8	4.4
VARBL													
CALM												27.0	
	26.4	28.2	15.8	2.6	.0	.0						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 7435

5400

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

17713
STATION

EYMOUR-JOHNSON AFB NC
STATION NAME

67-70,73-78
YEARS

SEP
MONTH

ALL WEATHER
CLASS

0000-1200
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.7	3.4	.9	.1								7.1	4.3
NNE	1.3	3.8	1.2	.2								6.6	5.2
NE	1.3	1.4	1.0									3.8	5.2
ENE	1.8	1.8	.4									4.0	3.9
E	1.4	1.4	.4									3.3	4.2
ESE	1.2	.6										1.8	2.9
SE	2.6	.3	.2									3.1	2.8
SSE	1.1	.2		.1								1.4	3.2
S	1.3	.9	.2									2.4	3.5
SSW	1.9	1.7	.3									3.9	3.4
SW	1.8	1.2	.2									3.2	3.4
WSW	1.6	.9	.1									2.6	3.2
W	.9	.8	.1									1.8	3.6
WNW	.4	.4	.3									1.2	4.5
NW	1.1	.4	.1									1.7	3.6
NNW	.6	.3	.3									1.2	4.5
VARBL													
CALM												50.9	
	23.0	19.7	6.0	.4								100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 1713 STATION NAME SEYMOUR-JOHNSON AFB NC YEARS 67-72, 73-78 MONTH SEP
 CLASS ALL WEATHER HOURS (LST) 1300-2500
 CONDITION _____

SPEED (KNTS) DIR.	1-3	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	4.0	1.1	.6								4.4	4.6
NNE	2.3	3.3	2.7	.4								3.8	5.5
NE	1.6	1.1	.4									3.1	4.0
ENE	.9	2.2	.6	.2								3.9	4.9
E	2.0	.9	.1	.2								3.2	3.4
ESE	.8	.6	.2									1.6	3.6
SE	.8	.1										.9	2.3
SSE	1.0	.1	.1									1.2	2.5
S	1.0	1.0	.3									2.3	4.1
SSW	1.3	.2										1.6	2.1
SW	1.1	1.3	.3									2.6	4.2
WSW	1.4	1.3	.2									3.0	3.8
W	1.3	1.7										3.0	3.6
WNW	.8	.7										1.4	3.6
NW	.7	.4										1.1	3.2
NNW	.8	1.1	.4	.1								2.4	4.7
VARBL													
CALM												50.2	
	21.6	20.1	6.6	1.6								100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 900

5401

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

18713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-70, 73-78
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1600-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	4.9	4.2	1.9	.3								11.3	4.5
NNE	2.4	4.4	3.6	.7								11.1	5.9
NE	1.7	4.0	1.8									7.4	5.1
ENE	1.3	2.2	.6									4.1	4.5
E	1.4	.9	.1	.2								2.7	3.8
ESE	.7	.6	.4	.1								1.8	5.1
SE	.7	.4	.1									1.2	3.6
SSE	.8	.6										1.3	3.3
S	1.0	.8	.1									1.9	3.8
SSW	1.1	.7	.2									2.0	4.0
SW	.6	.7	.8									2.0	5.3
WSW	2.0	1.4	.7	.1								4.2	4.3
W	2.1	1.1	.9									4.1	4.2
WNW	.7	.8										1.4	3.8
NW	.4	.6	.1									1.1	4.0
NNW	1.7	1.1	.3									3.1	3.8
VARBL													
CALM												39.1	
	23.4	24.4	11.6	1.4								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

14713 SEYMOUR-JOHNSON AFB NC 67-70, 73-78 SEP
STATION STATION NAME YEARS MONTH
ALL WEATHER 00-1100
CLASS HOUR (LST)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.9	3.3	2.2	.6								8.7	5.9
NNE	1.1	4.4	5.0	1.7								12.2	7.1
NE	1.4	4.0	5.1	.7								11.2	6.7
ENE	1.3	3.6	4.1	.4								9.4	6.4
E	1.8	3.7	3.0	.3								8.8	5.8
ESE	1.0	1.1	.7	.1								2.9	4.8
SE	.4	1.6	1.1									3.1	5.6
SSE	1.6	1.2	.3									3.1	4.7
S	1.7	1.7	.4	.2								4.3	4.5
SSW	1.3	1.2	.3	.1								3.0	4.3
SW	.9	1.6	1.6	.4								4.4	6.2
WSW	1.2	2.2	1.4	.3								5.2	5.7
W	2.3	2.8	1.6	.1								6.8	4.8
WNW	1.3	1.3	.6									2.2	4.4
NW	.7	.4	.6	.1								1.8	5.1
NNW	1.1	1.2	1.8									4.1	5.6
VARBL													
CALM												8.7	
	21.1	35.3	29.8	5.1								100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 900

5402

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 1713 STATION NAME SEYMOUR-JOHNSON AFB NC YEARS 67-70, 73-78 MONTH SEP
 ALL WEATHER CLASS _____ HOURS (LST) 1200-1400
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.0	4.1	3.7									6.8	5.8
NNE	1.3	4.1	4.3	1.1								10.9	6.8
NE	1.7	2.3	3.7	.8								7.8	5.9
ENE	1.2	3.4	3.7	.3								6.0	6.0
E	1.4	4.2	3.2									6.9	6.0
ESE	.7	2.1	.4	.1								3.3	5.2
SE	.8	2.1	.9									3.8	5.2
SSE	1.4	2.6	1.1									5.1	5.2
S	2.2	1.6	1.8	.1								5.7	5.1
SSW	1.6	2.1	1.3	.3								5.3	5.6
SW	.6	.8	1.7	.6								3.6	7.0
WSW	1.7	2.3	2.2	.9								7.1	6.4
W	1.1	2.9	1.7	.3								6.9	5.8
WNW	1.2	2.2	.6									4.0	4.6
NW	1.0	.8	1.2									3.0	5.7
NNW	1.2	1.6	1.6	.1								4.4	5.5
VARBL													
CALM												3.3	
	21.1	39.2	31.7	4.7								100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

17713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-73, 73-78
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	1.8	4.1	2.8	.4	.1							9.2	5.8
NNE	1.9	4.0	4.6	.6								11.0	6.2
NE	1.3	2.9	3.2	.1								7.6	6.2
ENE	1.2	3.6	2.8	.6								8.1	6.1
E	.8	3.7	2.3	.2								7.0	5.7
ESE	1.0	2.1	.7	.1								3.9	5.1
SE	1.7	1.8	1.2									4.7	4.8
SSE	2.9	3.0	1.1									7.0	4.3
S	2.4	3.8	2.0	.1								8.3	5.1
SSW	1.0	2.4	1.4	.4								5.3	6.1
SW	.9	1.0	1.3	.2								3.4	6.1
WSW	.6	1.7	2.1	.4								4.8	6.9
W	1.8	2.0	1.4	.1								5.3	5.3
WNW	.6	1.8	.9									3.2	5.4
NW	.1	1.0	.4									1.6	5.6
NNW	1.7	1.7	.9									4.2	4.8
VARBL													
CALM												5.3	
	21.6	40.4	29.2	3.3	.1							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS

900

5403

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-78, 73-78
YEARS

SEP
MONTH

ALL WEATHER
CLASS

1800-2400
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	3.8	2.9	.8	.1								7.6	4.0
NNE	3.0	3.2	1.2	.1								7.6	4.5
NE	1.4	1.8	1.1	.3								4.7	3.6
ENE	1.3	2.8	1.9	.1								5.1	3.5
E	3.0	3.0	.7	.1								6.8	3.8
ESE	2.0	2.0	.1									4.1	3.5
SE	1.6	1.9	.3									3.8	3.8
SSE	3.1	3.2	.4									6.8	3.8
S	5.8	4.3	.7									10.8	3.5
SSW	1.6	1.2	1.1									3.9	4.8
SW	.4	.7										1.1	3.6
WSW	.9	.2	.2									1.3	3.7
W	.6	.3	.4									1.3	4.0
WNW	.2	.2										.4	3.0
NW	.2	.2	.3									.8	3.3
NNW	.4	.8	.1	.1								1.4	4.9
VARBL													
CALM												31.6	
	29.3	26.8	9.4	.9								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13713 STATION SEYMOUR-JOHNSON AFB NC 67-70.73-78 YEARS 50 NORTH
 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	1.8	.6	.1								3.2	4.9
NNE	1.3	2.2	1.9	.2								5.7	4.8
NE	1.6	2.0	.7									4.7	4.4
ENE	2.6	2.9	.9									6.3	4.3
E	3.4	2.6	.4									6.4	3.7
ESE	2.1	1.0	.2	.1								3.4	3.5
SE	2.6		.1									1.7	2.2
SSE	2.4	.9	.1									3.4	3.2
S	4.8	3.4										8.2	3.7
SSW	2.1	2.1	.3									4.6	4.2
SW	1.1	.8	.1									2.0	3.5
WSW	.8	.2										1.0	2.7
W	.4	1.0	.2									1.7	4.9
WNW	.2	.2										.4	3.8
NW	.1	.4	.4									1.0	5.8
NNW	.4	.3	.1	.1								1.0	5.4
VARBL													
CALM												44.1	
	27.3	21.9	6.1	.6								100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 900

5484

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 ATR WEATHER SERVICE/MAC

SURFACE WINDS

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

12 13
 STATION

SEYMOUR-JOHNSON AFB NC
 STATION NAME

67-70, 73-78
 YEARS

SEP
 MONTH

ALL WEATHER
 CLASS

ALL
 HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.8	3.5	1.7	.3	.							3.7	5.0
NNE	1.8	3.7	3.1	.6								7.2	6.0
NE	1.5	2.4	2.0	.2								6.2	5.8
ENE	1.5	2.8	1.8	.2								6.2	5.4
E	1.9	2.5	1.3	.1								5.9	4.9
ESE	1.2	1.2	.3	.1								2.8	4.3
SE	1.4	1.0	.5									2.9	4.1
SSE	1.8	1.5	.4	.0								3.7	4.0
S	2.5	2.2	.7	.1								5.5	4.1
SSW	1.5	1.5	.6	.1								3.7	4.6
SW	.9	1.0	.7	.2								2.8	5.2
WSW	1.3	1.3	.9	.2								3.7	5.3
W	1.3	1.6	.8	.1								3.7	4.8
WNW	.7	1.0	.3									1.9	4.5
NW	.5	.5	.4	.0								1.5	4.9
NNW	1.0	1.0	.7	.1								2.7	4.9
VARBL													
CALM												29.2	
	23.6	28.7	16.3	2.2	.0							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-70, 73-78
YEARS

JCT
MONTH

ALL WEATHER
CLASS

0000-0000
HOURS (LST)

CONDITION

SPEED (KNTS) DIP	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	3.0	4.1	2.3	.4	.1							9.9	5.4
NNE	1.8	3.2	1.7	.5								7.3	5.6
NE	1.3	1.2	.9	.3								5.7	5.4
ENE	1.5	1.3	.6									3.4	4.2
E	2.4	2.3	.5									5.2	3.9
ESE	1.8	.5										2.4	2.3
SE	.4	.2	.1									.8	3.6
SSE	.6	.4										1.1	3.5
S	.9	.9	.6	.1								2.4	5.2
SSW	.9	1.1	.2									2.2	4.1
SW	.9	1.4	1.2	.3								3.8	5.9
WSW	.4	1.9	.3	.1								2.8	5.1
W	.8	1.1	.2									2.0	3.9
WNW	1.0	1.0	.4									2.4	4.1
NW	1.1	.9	.3									2.3	4.0
NNW	.5	1.3	.2	.1								2.2	5.0
VARBL													
CALM												46.5	
	19.1	22.7	9.7	1.9	.1							100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 939

5405

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13713 STATION NAME SEYMOUR-JOHNSON AFB NC YEARS 67-70, 73-78 MONTH OCT
 CLASS ALL WEATHER HOURS (L & T.) 0000-0600
 CONDITION _____

SPEED (KNTS) DIR.	1-3	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	5.2	1.9	.6								12.4	4.2
NNE	3.1	2.9	2.7	.6	.1							9.5	5.6
NE	1.7	1.1	.8	.1								3.7	4.4
ENE	.9	1.0	.3									2.2	4.4
E	2.2	1.5	.3									4.0	3.6
ESE	.8	.6	.3	.1								1.8	4.9
SE	.5	.4	.1									1.1	3.5
SSE	.1	.5		.2								.9	6.9
S	.6	.8	.2	.1								1.7	4.9
SSW	.5	1.1	.3									1.9	4.5
SW	.9	.5	.6	.1								2.2	5.0
WSW	1.8	2.5	.4	.1								4.8	4.4
W	1.6	1.3	.2									3.1	3.8
WNW	.9	.5	.1									1.5	3.1
NW	1.5	.3	.1									1.9	2.9
NNW	2.0	1.0	.5	.2								3.9	4.3
VARBL													
CALM												43.7	
	23.8	21.2	9.0	2.3	.1							100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13713 STATION NAME SEYMOUR-JOHNSON AFB NC YEARS 67-70, 73-75 OCT MONTH
 ALL WEATHER CLASS ALL WEATHER 1800-1800 HOURS (LST)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	4.4	5.7	4.2	1.0								15.3	5.5
NNE	2.4	4.2	3.5	.6								13.8	6.1
NE	1.4	2.5	1.6									5.6	5.3
ENE	1.4	1.7	.3									3.4	4.1
E	1.6	1.5	.4									3.6	4.0
ESE	.9	.4										1.3	2.9
SE	.6	.4	.1	.1								1.3	4.2
SSE	.6	.2										1.0	3.0
S	.6	.3	.2									1.2	3.7
SSW	.3	.9	.2									1.3	4.9
SW	1.1	.9	1.2	.1								3.2	5.6
WSW	1.9	2.6	.4	.3	.1	.1						4.9	5.4
W	1.9	1.5	.9									4.3	4.2
WNW	1.5	.9	.2									2.6	3.7
NW	.8	.5										1.3	3.3
NNW	2.2	1.3	1.1	.1								4.6	4.7
VARBL													
CALM												34.5	
	23.2	25.4	14.4	2.3	.1	.1						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 930

5406

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

17713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-73, 73-76
YEARS

OCT
MONTH

ALL WEATHER
CLASS

1900-1100
HOURS (LST)

CONDITION

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.4	5.1	4.3	2.8								14.5	7.1
NNE	1.4	3.0	5.6	2.2		.1						12.3	7.8
NE	.9	3.3	5.1	.9								10.1	7.1
ENE	1.0	3.1	2.8	.2								7.1	6.1
E	.9	2.2	2.7	.2								5.9	6.3
ESE	.8	.9	1.8									3.4	6.3
SE	.6	.9	.8	.1								2.4	5.6
SSE	.9	.9	.1									1.8	3.6
S	.6	1.0	1.1									2.7	5.4
SSW	.8	.4	1.1	.5								2.8	7.1
SW	.4	.6	1.4	.2								2.7	7.4
WSW	1.0	1.8	2.2	.4	.1							5.9	6.4
W	2.0	2.4	1.7	.2								6.3	5.4
WNW	1.6	1.3	1.1	.2	.1							4.3	5.7
NW	.6	1.2	1.2	.1								3.1	6.1
NNW	.9	1.4	2.7	.4								3.4	7.2
VARBL													
CALM												9.2	
	17.1	29.4	35.5	8.5	.2	.1						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

17713 SEYMOUR-JOHNSON AFB NC 67-79, 79-78 OCT
 STATION STATION NAME YEARS MONTH
 ALL WEATHER CLASS 1901-1400
 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	1.8	3.8	5.2	2.4	.1							13.2	7.7
NNE	1.5	3.3	5.2	1.8								11.8	7.5
NE	.8	3.5	3.0	.8								8.1	6.0
ENE	.9	2.6	2.7									6.1	5.9
E	1.6	1.7	3.2	.1								7.3	6.4
ESE	.9	1.1	1.8	.2								4.0	6.1
SE	.3	1.2	.5	.1								2.2	6.1
SSE	.9	1.7	.4									2.3	4.4
S	1.5	1.5	1.0									4.0	4.7
SSW	.9	1.5	1.2	.3								3.9	6.3
SW	.5	1.2	1.1	1.1	.2							4.1	6.3
WSW	.4	1.5	1.6	1.6	.3							5.5	8.6
W	1.8	3.1	2.5	.6	.1							6.3	6.2
WNW	1.3	1.9	1.7	.8	.1							5.8	6.7
NW	.3	1.3	.9	.4								2.9	7.0
NNW	1.1	2.6	1.8	.4								5.9	5.9
VARBL													
CALM												4.7	
	16.5	32.8	34.5	10.6	.9							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 930

5487

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

SURFACE WINDS

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

13713 SEYMOUR-JOHNSON AFB NC 67-70, 73-78 OCT
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.8	5.8	4.3	1.0								13.9	6.1
NNE	1.9	4.0	3.3	1.4								17.6	6.7
NE	1.6	3.7	2.3	.4								8.3	5.7
ENE	1.2	3.7	2.3	.2								7.2	5.6
E	2.0	2.3	2.4	.4								7.1	5.8
ESE	1.3	.8	.9									2.9	4.9
SE	1.0	1.1	1.0	.2								3.2	5.9
SSE	1.2	1.3	.6									3.1	4.6
S	1.0	1.3	.4									3.7	4.5
SSW	1.0	2.4	.6	.1								4.1	4.9
SW	1.1	1.5	1.5	.6								5.1	6.5
WSW	.9	1.8	1.7	.5	.3							5.3	7.4
W	.8	2.8	1.7	.9	.1							6.2	6.9
WNW	.5	1.5	1.2	.2								3.4	6.1
NW	.8	1.3	1.5	.8								4.3	7.2
NHW	.8	2.4	1.9	.5								5.6	6.3
VARBL													
CALM												7.3	
	19.7	31.7	27.6	7.2	.4							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13713 STATION SEYMOUR-JOHNSON AFB NC 67-70, 75-78 YEARS 3CT MONTH
 ALL WEATHER CLASS 1800-2400 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	5.5	3.9	1.2	.2	.2							11.0	4.2
NNE	2.0	2.7	1.9	.3								7.0	5.1
NE	1.3	2.6	.9	.3								5.1	5.4
ENE	1.1	3.2	1.4									5.7	5.1
E	3.8	3.2	.4	.1								7.5	3.7
ESE	2.0	.5	.3									2.9	3.1
SE	2.2	1.0	.2									3.3	3.1
SSE	2.2	1.4	.3									3.9	3.5
S	2.2	1.6	.4									4.2	3.5
SSW	1.2	.9	.9									2.9	4.7
SW	.5	.4	.2									1.2	4.1
WSW	.3	.8	.3									1.4	5.1
W	.8	.4	.5	.1								1.8	5.4
WNW	.8	.1	.2	.3								1.4	5.6
NW	.5	.8	.3	.1								1.7	5.1
NNW	1.2	1.6	.4									3.2	4.4
VARBL													
CALM												35.8	
	67.4	25.1	10.0	1.5	.2							100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 930

5488

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-73, 73-78
YEARS

001
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	48-53	≥56	%	MEAN WIND SPEED
N	2.2	3.2	1.3	.5								7.2	5.4
NNE	1.4	2.9	1.8	.6								6.8	6.1
NE	.5	2.5	.6	.2								3.9	5.5
ENE	1.4	2.4	1.1									4.8	3.0
E	3.9	4.2	1.1	.1								9.2	4.1
ESE	2.9	.9	.2									4.0	2.9
SE	2.2	.4										2.6	2.4
SSE	1.7	.8	.1									2.5	3.0
S	2.3	1.9	.5									4.7	3.9
SSW	.8	1.6	1.0	.2								3.5	5.5
SW	.6	.8	.5									1.9	4.8
WSW	.4	.8		.2								1.4	5.0
W	1.0	.9	.6	.1								2.6	5.2
WNW	.4	.2	.3	.1								1.1	5.8
NW	.5	.5	.2									1.3	3.9
NNW	.8	.9	.3									1.9	4.5
VARBL													
CALM												40.4	
	22.9	24.7	9.8	2.2								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS

936

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

SURFACE WINDS

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

STATION 13713 STATION NAME SEYMOUR-JOHNSON AFB NC YEARS 67-70, 73-78 MONTH OCT

ALL WEATHER
CLAS

CONDITION

ALL
HOURS (LST)

SPEED (KNTS) DIR.	1-3	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	4.6	3.1	1.1	.1							12.2	5.9
NNE	1.9	3.3	3.2	1.7	.7	.7						9.5	6.5
NE	1.7	2.5	1.9	.4								6.0	6.0
ENE	1.2	2.4	1.4	.0								5.0	5.3
E	2.3	2.4	1.5	.1								6.2	4.8
ESE	1.4	.7	.7	.0								2.8	4.4
SE	1.0	.7	.3	.1								2.1	4.4
SSE	1.0	.8	.2	.0								2.1	3.9
S	1.2	1.2	.6	.0								2.9	4.4
SSW	.8	1.2	.7	.1								2.8	5.4
SW	.8	1.7	1.7	.3	.7							3.0	6.3
WSW	.9	1.7	.9	.4	.1	.7						4.0	6.2
W	1.3	1.7	1.1	.2	.0							4.3	5.4
WNW	1.0	.9	.7	.2	.0							2.8	5.5
NW	.8	.8	.6	.2								2.4	5.5
NNW	1.2	1.5	1.1	.2								4.1	5.6
VARBL													
CALM												27.8	
	21.2	27.4	18.8	4.6	.3	.7						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 7444

5409

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AFM WEATHER SERVICE/MAC

SURFACE WINDS

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

17713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-70,7
YEAR

NOV
MONTH

ALL WEATHER
CLARIF

000-0200
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	2.7	1.6	.6	.1							6.0	6.3
NNE	1.3	2.3	.8	.3								4.8	5.2
NE	.4	1.0	.6		.1							2.1	6.3
ENE	1.3	1.1	.3	.6								3.3	5.5
E	1.6	1.6	.1	.1								3.3	4.2
ESE	.8	.3	.1									1.2	2.9
SE	.6	.3										.9	2.9
SSE	1.2	.6	.3									2.1	3.8
S	1.9	1.7	.6									4.4	4.4
SSW	2.2	1.6	.9	.6								5.2	5.1
SW	1.1	1.9	.3	.4								3.8	5.3
WSW	2.3	1.3	.6									4.2	3.7
W	1.1	2.4	.4	.1	.3							4.4	5.6
WNW	2.1	2.7	1.2	.3								6.3	5.1
NW	1.9	1.7	1.0	.7								4.8	5.0
NNW	1.6	1.3	1.2	.1								4.2	5.3
VARBL													
CALM												38.8	
	22.6	24.4	10.3	3.3	.6							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

17713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-7, 13-78
YEARS

NOV
MONTH

ALL WEATHER
CLASS

303-1500
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.6	3.1	1.0	.3	.1							6.1	5.3
NNE	.4	2.2	.4	.2	.1							3.4	5.9
NF	.3	.6	1.2		.2							2.3	7.7
ENE	.8	1.3	1.3									3.4	5.6
E	2.7	.9	.3									3.9	3.1
ESE	.3	.6										.9	3.8
SE	1.2	.2										1.4	2.5
SSE	.7	.4										1.1	3.3
S	.7	.7	.7									2.3	5.2
SSW	1.1	.7	.8	.1								2.7	4.8
SW	1.6	1.1	.3	.9	.1							4.4	6.2
WSW	2.1	1.7	.4									4.1	3.8
W	2.0	2.6	.8	1.3	.1							6.8	6.4
WNW	1.4	3.0	.8	.2								5.4	4.8
NW	1.2	1.7	1.3	.1								4.3	5.2
NNW	1.4	2.7	.9	.2								5.2	5.0
VARBL													
CALM												42.3	
	19.4	23.3	10.8	3.4	.7							17.0	3.0

TOTAL NUMBER OF OBSERVATIONS 900

5410

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13713 SCYMOUR-JOHNSON AFB NC 67-70,73-78 NOV
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.9	2.8	1.6	.2								7.4	4.7
NNE	1.0	2.3	1.1	.1								4.6	5.1
NE	.6	1.1	1.0	.1	.1							2.9	5.3
NNE	.9	1.6	.7	.1								3.2	5.2
E	1.6	1.2	.9									3.7	4.6
ESE	.9	.1	.1									1.1	3.1
SE	.9	.6										1.4	3.2
SSE	.6	.1										.7	2.3
S	1.7	.7	.3									2.7	3.3
SSW	1.0	1.3	1.1									3.4	5.0
SW	1.9	1.6	1.3	.2								5.0	5.0
WSW	1.8	2.1	.8	.2								4.9	4.7
W	2.0	2.3	1.8	.7	.3							7.1	6.3
WNW	1.3	1.6	.8	.1								3.4	5.5
NW	1.3	2.3	1.1	.3								5.1	5.3
NNW	1.6	2.3	1.1	.1								5.1	5.1
VARBL													
CALM												38.2	
	21.4	24.0	13.7	2.2	.4							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

13713 STATION SEYMOUR-JOHNSON AFB NC 67-75,73-73 YEARS NOV NORTH
 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	4.4	5.4	.8								12.0	6.7
NNE	1.4	2.3	2.0	.3								6.1	5.2
NE	.4	2.2	1.4	.2								4.3	6.3
ENE	.7	1.6	1.9	.2								4.3	6.2
E	1.0	2.4	2.3	.6								6.3	6.4
ESE	1.2	1.3	.4									3.0	4.0
SE	1.1	.8	.3									2.2	3.9
SSE	.4	.3	.3									1.1	5.0
S	1.0	1.4	.8									3.2	4.7
SSW	.6	.9	1.8	.3	.2							3.8	7.8
SW	.9	1.1	2.1	1.2	.1							5.4	7.9
WSW	1.7	1.9	2.9	2.0	.1							8.6	7.6
W	1.9	2.4	3.9	.9	.1							9.2	6.8
WNW	1.8	1.4	1.2	2.1	.1							6.7	7.7
NW	.8	1.8	1.9	1.3	.1							5.9	7.9
NNW	1.2	1.9	3.0	.7								6.8	6.9
VARBL													
CALM												11.0	
	17.4	28.3	31.8	10.7	.8							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 900

5411

GLOBAL CLIMATOLOGY BRANCH
 SAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 1713 SEYMOUR-JOHNSON AFB NC STATION NAME: 67-7, 73-78 YEARS: 1713-1477
 CLASS: ALL WEATHER HOURS (LST): NORTH
 CONDITION:

SPEED (KNTS) DIR.	1-3	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	4.6	1.0								11.1	6.2
NNE	1.3	1.3	2.8	.6								6.2	6.3
NE	1.1	1.2	.8	.1								3.2	5.2
ENE	.2	1.6	1.4	.1								3.3	5.1
E	1.4	2.4	1.8	.6								3.2	5.1
ESE	1.2	1.0	.3									2.6	4.2
SE	.2	1.0	.2	.2								1.7	5.2
SSE	.7	.6	.6									1.8	5.3
S	.9	1.0	1.3	.6								3.8	6.2
SSW	.7	1.1	2.2	1.4	.1	.1						5.7	5.7
SW	1.2	.9	2.9	2.2	.3							7.6	6.8
WSW	.9	2.1	3.8	2.4	.2							7.4	6.8
W	1.7	3.2	4.3	2.8	.1							11.4	6.3
WNW	1.1	1.6	2.4	1.7	.2							7.0	8.1
NW	1.2	1.2	1.4	2.4	.2							6.6	8.8
NNW	1.7	1.6	3.0	.9								7.1	7.0
VARBL													
CALM												5.3	
	16.6	25.9	33.9	17.0	1.2	.1						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/4AC

SURFACE WINDS

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

1713 STATION SEYMOUR-JOHNSON AFB NC 67-7,73-78 YEARS NOV NORTH
 ALL WEATHER CLASS 1700-1700 HOURS (LST)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	3.7	3.6	3.4	.7								10.2	5.7
NNE	2.0	2.6	1.3	.2								5.1	5.1
NE	1.1	1.1	1.1	.2								.4	5.3
ENE	1.1	1.7	.3	.4								3.6	5.3
E	.9	2.8	.7	.4								1.7	5.7
ESE	1.1	1.3		.1								3.6	4.7
SE	.7	.2	.1									1.0	4.3
SSE	.7	.6	.7									1.5	4.0
S	1.1	1.8	.7	.1								3.7	5.7
SSW	1.7	1.8	2.3	.7								5.4	5.4
SW	1.0	3.1	3.3	2.0	.2							9.3	7.8
WSW	1.7	2.8	2.7	1.6	.2							5.9	7.1
W	1.7	3.3	3.8	1.1	.1							12.0	6.8
WNW	.9	.1	2.4	1.4	.1							7.3	7.7
NW	.4	1.0	2.2	1.6	.1							3.3	9.7
NNW	.4	1.9	2.1	1.0	.1							5.6	7.5
VARBL													
CALM												10.3	
	19.3	31.4	26.4	11.6	.9							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 905

5412

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 1713 STATION NAME SEYMOUR-JOHNSON AFB NC YEARS 67-70, 73-78 MONTH 8
 CLASS ALL WEATHER HOURS (LST) 24
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.6	2.1	1.6	.4								2.2	5.6
NNE	1.3	2.1	.3	.4								2.91	5.3
NE	.3	.6	.3	.3								1.6	5.1
ENE	1.4	.8	.6	.1	.1							2.2	4.7
E	2.6	2.6	.6	.4								4.5	4.6
ESE	1.3	.9	.1									2.0	3.4
SE	.6	.4										1.0	3.0
SSE	1.3	1.6	.3									3.2	4.2
S	3.8	3.4	.8	.2								6.2	4.1
SSW	2.7	1.6	.7	.1								5.0	4.1
SW	.9	1.2	.9	.1								3.1	5.5
WSW	1.5	1.2	.7	.3								3.2	5.0
W	.8	.9	.8	.6	.3							3.5	5.3
WNW	.8	.9	1.0	.4								3.1	6.2
NW	1.0	1.1	1.3	.2	.1							3.9	6.4
NNW	1.0	1.7	1.8	.1	.1							4.7	6.5
VARBL													
CALM												36.3	
	21.9	23.0	12.0	4.1	.7							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
 AFM/TAC
 AIR WEATHER SERVICE/HAC

SURFACE WINDS

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

STATION 17713 STATION NAME SEYMOUR-JOHNSON AFB NC YEARS 67-7, 73-76 MONTH NOV
 CLASS ALL WEATHER MONTH 11-2-77
 CONDITION _____

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	2.3	1.7	1.0								2.7	6.4
NNE	.0	1.3	.5	.1								1.1	3.4
NE	.7	1.0	.7	.3	.1							2.4	6.4
ENE	.5	.6	.2	.6		.1						2.2	7.2
E	2.6	2.1	.6	.3								3.6	4.3
ESE	.7	.1	.1									.7	3.3
SE	1.4	1.0	.3									2.0	3.6
SSE	.8	1.6			.1							2.4	4.5
S	5.4	3.4	.4	.1								7.4	4.1
SSW	2.0	2.3	1.7	.3								6.3	5.0
SW	1.2	1.7	1.0	.6								4.4	5.7
WSW	.5	.9	.6	.2								2.2	5.8
W	.6	1.2	1.3	.6								3.7	7.0
WNW	.7	1.3	1.6	.4								4.0	6.7
NW	1.1	1.0	1.1	.3								3.5	6.0
NNW	.7	1.2	1.6	.7								4.1	7.1
VARBL													
CALM												13.1	
	19.7	23.1	13.2	5.6	.2	.1						100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 900

5430

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1973 STATION SEYMOUR-JOHNSON AFB NC 67-71, 73-73 YEARS NOV MONTH ALL HOURS (L & T) CLASS ALL WEATHER CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.8	3.1	2.5	.6	.	.	.	.	.	.	.	3.2	5.2
NNE	1.2	2.1	1.2	.3	.	.	.	.	.	.	.	4.3	5.5
NE	.6	1.1	.9	.2	.1	.	.	.	.	.	.	1.8	6.2
ENE	.9	1.3	.8	.3	.	.	.	.	.	.	.	3.1	5.7
E	1.8	2.2	.9	.3	.	.	.	.	.	.	.	3.1	5.1
ESE	.9	.7	.2	.7	.	.	.	.	.	.	.	1.3	3.7
SE	.8	.6	.1	.0	.	.	.	.	.	.	.	1.6	3.7
SSE	.8	.7	.3	.	.	.	.	.	.	.	.	1.8	1.3
S	1.9	1.8	.7	.1	.	.	.	.	.	.	.	4.4	4.5
SSW	1.5	1.4	1.4	.4	.	.2	.	.	.	.	.	4.8	5.9
SW	1.2	1.6	1.5	1.0	.1	.	.	.	.	.	.	5.1	6.9
WSW	1.5	1.8	1.5	.8	.1	.	.	.	.	.	.	5.7	6.4
W	1.4	2.3	2.1	1.0	.2	.	.	.	.	.	.	7.0	7.2
WNW	1.2	1.3	1.4	.8	.1	.	.	.	.	.	.	5.4	6.7
NW	1.1	1.5	1.4	.8	.1	.	.	.	.	.	.	4.9	6.9
NNW	1.2	1.3	1.8	.5	.	.	.	.	.	.	.	5.3	6.4
VARBL												27.8	
CALM													
	19.8	25.4	19.0	7.2	.7	.0						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 7199

FEDERAL BUREAU OF SURVEY
 U.S. AIR FORCE
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 1713 STATION NAME EYMOUR-JOHNSON AFB NC YEARS 67-70, 73-78 MONTH JUL
 ALL WEATHER CLARE ALL WEATHER HOURS (LST) 2000-0000
 CONDITION _____

SPEED (KNTS) DIR	1-3	4-6	7-10	11-14	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.2	1.7	1.4	.5								5.0	5.5
NNE	.9	.5	.3	.1								1.9	4.4
NE	1.2	1.7	.9									3.8	4.6
ENE	1.4	1.2	.2	.1								2.9	4.0
E	2.3	1.4	.5	.1	.1							4.4	4.3
ESE	.6	.4	.2									1.7	3.9
SE	.7	.5	.9	.1								2.5	4.3
SSE	.3	.6	.4	.5								2.4	4.7
S	1.3	1.5	.0	.5								4.2	5.6
SSW	.6	1.4	1.4	1.1								4.5	7.1
SW	1.7	2.2	1.1	.5								5.5	5.1
WSW	1.8	2.2	1.5	.5								6.1	6.1
W	1.6	2.2	2.3	.8								6.5	6.2
WNW	1.6	2.0	1.5	.5	.2							5.9	6.2
NW	.5	2.4	1.7	.3								4.9	6.5
NNW	1.4	1.5	1.6	.5	.1							4.4	6.4
VARBL													
CALM												72.4	
	20.2	3.5	17.0	6.3	.5							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 930

5414

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 1713 STATION NAME SEYMOUR-JOHNSON AFB NC YEARS 67-76, 73-78 MONTH DEC
ALL WEATHER CLASS 0330-0500
CLAS HOURS (LST)
 CONDITION

SPEED (KNOTS) DIR.	1-3	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	1.5	1.6	.1								4.9	5.3
NNE	1.3	1.4	.4	.1								3.2	4.3
NE	1.2	2.3	.3									2.8	4.3
ENE	1.7	1.3	.9									3.4	4.7
E	1.5	1.0	.4									2.9	4.3
ESE	.4	.2	.3									1.2	4.6
SE	.3	.3	.1									.8	3.5
SSE	1.0	.5	.3	.5								2.4	6.3
S	.8	1.8	.8	.4								3.8	5.9
SSW	1.0	1.5	1.2	1.1								4.7	7.2
SW	1.6	1.5	1.7	1.1								5.9	6.4
WSW	1.8	1.8	1.4	.2								5.3	5.0
W	1.5	3.4	1.8	.8								7.5	6.1
WNW	1.7	1.7	1.3	.2	.1							5.1	5.5
NW	1.5	1.8	1.8	.4	.1							5.7	5.4
NNW	.9	1.1	2.2	.4	.1							4.6	7.0
VARBL													
CALM												15.1	
	19.5	23.2	16.6	5.4	.3							115.0	3.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1973 SEYMOUR-JOHNSON AFB NC 67-70, 73-76 280 NORTH

ALL WEATHER
 CLASS

1600-2000
 HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-14	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.0	2.9	1.1									3.7	4.7
NNE	1.9	2.0	.5	.2								4.7	4.6
NE	1.2	2.2	.5	.1								4.7	4.8
ENE	1.1	1.4	.6									3.1	4.4
E	1.9	2.2	.4									4.5	4.7
ESE	.4	.3	.1									.9	3.6
SE	.8	.1	.1									1.7	2.9
SSE	.4	.5		.2	.1							1.3	6.3
S	1.1	.3	.8									2.2	5.0
SSW	1.6	1.7	.9	.4								4.6	5.4
SW	.9	1.1	2.9	1.3	.1							5.7	6.2
WSW	1.1	1.8	1.0	1.0	.3							5.2	7.4
W	3.8	2.9	1.4	.6	.1	.1						6.6	5.7
WNW	1.2	1.5	1.6	.5								4.8	6.3
NW	1.3	2.4	1.9	.8								6.3	6.3
NNW	1.5	2.0	1.2	.5	.1							5.4	6.2
VARBL													
CALM												31.8	
	21.7	25.3	18.6	5.7	.8	.1						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 930

5415

SERIAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-70, 73-78
YEARS

DEC
MONTH

ALL WEATHER
CLASS

000-111
HOURS (L & T.)

CONDITION

SPEED (KNTS)/ DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	3.2	3.3	1.8		.1						9.5	7.6
NNE	.5	1.4	1.5	.8								4.2	7.1
NE	.9	2.8	1.7	.1								5.5	5.2
ENE	.3	3.9	2.8	.2								7.6	6.2
E	1.4	1.4	1.4	.1								4.3	5.2
ESE	.5	1.5	.4									2.5	4.9
SE	1.1	.5	.1									1.7	3.5
SSE	.8	.9	.4	.2								2.3	5.5
S	.9	1.1	.3	.2								2.5	5.3
SSW	.6	1.1	2.2	.3	.1							4.3	7.1
SW	1.1	1.3	1.9	1.5	.1							5.9	8.2
WSW	.8	1.8	2.5	1.9	.4							7.4	9.0
W	1.5	3.3	1.9	1.7	.5							7.3	7.5
WNW	.9	1.7	2.2	1.1	.1							5.9	7.8
NW	.4	1.5	2.0	2.2	.1							6.2	8.9
NNW	.9	1.4	4.0	1.4	.2							7.8	8.1
VARBL													
CALM												13.3	
	13.9	28.8	28.7	13.5	1.6	.1						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13713 STATION NAME SEYMOUR-JOHNSON AFB NC YEARS 67-70, 77-76 MONTH DEC
 CLASS ALL WEATHER HOURS (LST) 1200-1400
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	≥56	%	MEAN WIND SPEED
N	1.2	4.1	3.3	1.0	.1							9.7	6.9
NNE	1.0	1.8	1.3	.5								4.6	6.3
NE	.8	1.7	1.1	.1								3.7	5.5
ENE	1.0	2.0	1.7									4.7	5.5
E	1.9	2.6	1.3	.1								5.9	5.1
ESE	1.2	.5	.6	.1								2.5	4.8
SE		.3	.2									.5	6.4
SSE	.8	.5	.9	.2								2.4	6.1
S	.8	1.2	1.4	.3								3.7	6.4
SSW	1.0	.9	2.3	1.0	.5							5.6	8.7
SW	.4	1.4	2.5	1.8	.4							6.6	9.2
WSW	1.2	2.4	1.5	5.1	.4	.1						10.6	10.0
W	.9	2.5	3.4	2.3	.6	.1						9.9	9.3
WNW	.9	1.6	2.8	2.0	.4	.1						7.8	9.2
NW	1.1	1.6	3.1	1.8	.3	.1						6.1	8.6
NNW	1.3	1.8	2.9	1.3	.2							7.5	7.5
VARBL													
CALM												6.2	
	15.2	27.0	30.3	17.6	3.2	.4						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 930

5416

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 1113 STATION NAME SEYMOUR-JOHNSON AFB NC YEARS 67-70, 73-76 MONTH DEC
 CLASS ALL WEATHER HOURS (L.S.T.) 1500-1700
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.9	4.7	1.8	.5								5.3	5.5
NNE	1.3	2.5	.5	.9								3.2	6.7
NE	.8	1.2	.9	.1								2.0	5.6
ENE	1.8	1.7	.9									4.4	4.5
E	1.5	1.8	.5	.3								4.2	4.6
ESE	.6	.8	.3	.1								1.9	4.7
SE	1.1	.4	.9									2.4	5.7
SSE	.5	.9	.3									1.7	4.2
S	1.4	1.8	1.7	.3								5.3	5.9
SSW	.9	2.5	2.8	1.1								7.2	7.3
SW	.9	3.1	2.3	1.1	.3	.1						7.7	7.6
WSW	.9	1.7	2.4	2.7	.2							7.8	8.8
W	.9	1.8	2.9	2.2	.4							8.2	8.9
WNW	1.1	1.9	3.0	1.9	.2							8.2	8.3
NW	1.1	2.3	3.9	2.2	.2							9.4	8.2
NNW	.9	2.3	2.5	.6								5.2	6.8
VARBL													
CALM												9.5	
	17.5	30.4	27.5	14.0	1.4	.1						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 17713 STATION NAME SEYMOUR-JOHNSON AFB MC YEARS 67-70, 73-78 MONTH DEC
 CLASS ALL WEATHER HOURS (L.S.T.) 1900-2100
 CONDITION _____

SPEED (KNTS) DIR.	1-3	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	1.3	.8	.8								2.0	2.6
NNE	1.5	1.1	.2	.5								3.4	5.1
NE	.8	1.8	.2	.1								2.9	4.7
ENE	1.2	1.4	.4	.2								3.2	4.7
E	1.8	1.1	.9									3.8	4.3
ESE	.9	.6	.1									1.6	3.3
SE	.5	.5	.2	.1								1.4	4.6
SSE	.8	1.9	.3									2.7	4.4
S	3.2	1.8	.9	.3								6.2	4.4
SSW	1.9	2.4	1.7	.2	.1							6.4	5.6
SW	1.1	1.3	1.3	.4								4.1	6.1
WSW	.9	2.2	1.0	.8	.2	.1						5.1	7.2
W	1.0	2.0	1.3	.3								4.6	6.2
WNW	1.1	1.9	1.5	.2								4.7	5.7
NW	.6	1.7	2.8	1.2	.2							6.6	8.4
NNW	.9	1.7	.8	.4	.2							4.0	6.6
VARBL													
CALM												33.9	
	20.4	24.9	14.3	5.6	.8	.1						100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 928

5417

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

SURFACE WINDS

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

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-70, 73-78
YEARS

DEC
MONTH

ALL WEATHER
CLASS

0100-2000
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	1.5	1.6	.6								5.1	6.7
NNE	.5	.6	.6	.1								1.9	5.8
NE	.4	1.3	.6	.2								2.6	5.7
ENE	1.5	1.5	.3	.1								3.5	4.1
E	2.9	1.3	1.1	.1								5.4	4.1
ESE	.8	.9	.3									1.9	4.5
SE	.6	.9	.4	.1								2.0	5.2
SSE	1.4	1.1	.1									2.6	3.4
S	1.3	1.9	1.2	.3								4.7	5.3
SSW	1.3	2.5	2.5	.5								6.8	6.6
SW	.9	1.0	2.0	.6								4.5	7.0
WSW	1.0	1.4	1.0	1.1	.1	.1						4.6	7.7
W	1.3	2.5	1.8	.9	.1							5.6	6.7
WNW	.9	1.3	1.4	.5								4.1	6.3
NW	.9	2.6	2.2	1.1	.1							6.8	7.1
NNW	.8	2.0	1.0	.6	.2							4.5	7.5
VARBL													
CALM												32.1	
	17.7	24.3	18.2	7.0	.5	.1						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13713 STATION NAME SEYMOUR-JOHNSON AFB NC YEARS 67-70, 73-76 DIS DIS
STATION MONTH

CLASS ALL WEATHER ALL
CLASS HOURS (L & T)

CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	2.5	1.9	.7	.	.						6.9	6.1
NNE	1.1	1.4	.7	.4	.	.						3.7	3.6
NE	.9	1.9	.8	.1	.	.						3.6	5.2
ENE	1.3	1.8	1.7	.1	.	.						4.1	5.0
E	1.9	1.6	.9	.1	.	.						4.4	4.5
ESE	.7	.7	.3	.3	.	.						1.7	4.4
SE	.6	.5	.4	.5	.	.						1.5	4.7
SSE	.8	.9	.7	.2	.	.						2.2	5.3
S	1.3	1.4	1.7	.3	.	.						4.1	5.5
SSW	1.1	1.7	1.9	.7	.1	.						5.5	6.9
SW	1.7	1.6	1.9	1.7	.1	.9						5.7	7.4
WSW	1.2	1.9	1.5	1.7	.2	.7						5.5	8.0
W	1.5	2.6	2.1	1.2	.2	.7						7.7	7.2
WNW	1.2	1.7	1.9	.9	.1	.7						5.8	7.2
NW	.9	2.7	2.4	1.2	.1	.7						6.8	7.7
NNW	1.7	1.7	2.7	.7	.1	.						5.7	7.1
VARBL													
CALM												24.2	
	18.3	25.9	20.9	9.4	1.1	.1						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 7435

5418

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 17713 STATION NAME SEYMOUR-JOHNSON AFB NC YEARS 67-70, 73-79 ALL NORTH
 ALL WEATHER CLASS ALL HOURS (L & T)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.9	2.9	2.2	.6	.7	.	.	.	.	.	.	7.6	6.0
NNE	1.2	2.1	1.7	.5	.7	.	.	.	.	.	.	5.5	6.1
NE	.8	1.7	1.2	.2	.7	.	.	.	.	.	.	4.3	5.9
ENE	1.0	1.8	1.2	.2	.7	.9	.3	.	.	.	.	4.2	5.5
E	1.8	2.1	1.1	.2	.7	.	.	.	.	.	.	5.1	4.9
ESE	1.2	1.7	.6	.0	.	.	.	.	.	.	.	2.7	4.4
SE	1.0	.9	.4	.0	.	.	.	.	.	.	.	2.4	4.3
SSE	1.4	1.3	.5	.1	.7	.	.	.	.	.	.	3.3	4.6
S	2.1	2.4	1.3	.3	.0	.0	.	.	.	.	.	6.1	5.1
SSW	1.5	2.2	1.8	.5	.7	.5	.0	.	.	.	.	6.1	6.1
SW	1.2	1.9	1.0	.9	.1	.0	.	.	.	.	.	5.9	6.0
WSW	1.3	2.1	1.8	1.0	.1	.0	.3	.3	.	.	.	6.3	7.1
W	1.4	2.2	1.0	.8	.1	.0	.7	.0	.	.	.	6.4	6.8
WNW	.9	1.4	1.3	.6	.1	.0	.	.	.	.	.	4.7	6.8
NW	.7	1.2	1.3	.6	.0	.0	.	.	.	.	.	3.8	7.2
NNW	.9	1.5	1.4	.5	.0	.0	.	.	.	.	.	4.4	6.6
VARBL													
CALM												22.1	
	20.3	28.5	21.2	7.1	.7	.1	.9	.0				100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 87630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

SURFACE WINDS

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

1713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-7, 73-79
YEARS

ALL
MONTH

INSTRUMENT

CLASS

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE.

CONDITION

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

ALL
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.3	4.7	3.6	1.4	.1	.0						12.1	6.5
NNE	1.3	3.5	3.6	1.3	.0							9.7	7.0
NE	1.3	3.1	2.8	.6	.0							7.8	5.4
ENE	.9	2.4	2.1	.4	.3	.0						5.0	5.4
E	1.6	2.5	1.6	.4	.0							5.7	5.5
ESE	1.1	1.1	.7	.1								3.0	5.3
SE	.8	.8	.5	.1								2.2	4.9
SSE	.9	.9	.6	.3	.0							2.7	5.7
S	1.4	1.5	1.3	.4	.0							4.7	5.8
SSW	1.0	1.4	1.2	.3	.0							3.9	5.9
SW	.2	1.5	1.0	.2	.0							3.6	5.7
WSW	1.7	1.5	1.7	.4	.1	.0	.0	.0				4.1	6.6
W	1.1	1.4	1.4	.5	.1							4.5	6.5
WNW	.9	1.1	.6	.2	.0							2.4	5.5
NW	.7	1.1	.8	.3	.0	.0						2.9	6.1
NNW	1.0	1.8	1.6	.4	.0	.0						4.5	6.4
VARBL													
CALM												19.1	
	18.2	30.5	24.4	7.2	.5	.1	.0	.0				100.0	5.0

TOTAL NUMBER OF OBSERVATIONS

9909

5419

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

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

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

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

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

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 0
NO CEILING															
Y 1800															
V 1500					91.0										92.6
N 1200															
N 1000															
Y 900															
N 900															
N 700															
N 600															
N 500										97.4					98.1
N 400															
N 300															
N 200															
N 100															
N 0					92.6		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 = 91.0%.
 Visibility ≥ 2 miles = 96.9%.
 Visibility ≥ 1 mile = 98.3%.

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

ADDITIONAL EXAMPLES

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
 WAFETAC
 AD WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17713
STATION

LEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0200
HOURS

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥0.9	≥0.8	≥0.7	≥0.6	≥0.5	≥0
NO CEILING	6.0	54.3	55.3	57.5	56.0	56.0	56.1	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 20000	8.0	56.5	57.5	57.7	58.3	58.3	58.4	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
IV 18000	8.0	55.9	58.1	58.2	58.7	58.7	58.8	58.9	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2
IV 16000	8.0	57.2	58.3	58.5	59.0	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
IV 14000	8.0	57.6	58.8	59.0	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
IV 12000	8.5	59.1	60.3	60.5	61.1	61.1	61.2	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4
IV 10000	8.6	61.1	62.3	62.5	63.0	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV 9000	8.6	61.7	62.9	63.1	63.7	63.7	63.8	63.8	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0
IV 8000	8.9	63.4	64.2	65.1	65.6	65.6	65.7	65.8	65.8	66.2	66.2	66.2	66.2	66.2	66.2	66.2
IV 7000	8.9	64.1	65.6	65.8	66.3	66.5	66.6	66.6	66.7	67.1	67.1	67.1	67.1	67.1	67.1	67.1
IV 6000	9.0	64.8	66.3	66.6	67.1	67.2	67.3	67.4	67.5	67.8	67.8	67.8	67.8	67.8	67.8	67.8
IV 5000	9.0	66.2	67.8	68.1	68.7	68.8	68.9	69.0	69.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3
IV 4500	9.2	67.8	69.7	69.9	70.5	70.6	70.6	70.9	71.1	71.3	71.3	71.4	71.4	71.5	71.6	71.7
IV 4000	9.5	70.9	73.0	73.2	74.1	74.3	74.4	74.5	74.9	74.9	74.9	75.1	75.1	75.2	75.3	75.4
IV 3500	9.6	72.1	74.4	74.6	75.5	75.7	75.8	75.9	76.3	76.3	76.3	76.5	76.5	76.6	76.7	76.8
IV 3000	9.9	72.6	74.9	75.2	76.0	76.2	76.3	76.9	76.9	76.9	76.9	77.0	77.0	77.1	77.2	77.3
IV 2500	9.9	73.1	75.1	76.0	76.9	77.3	77.4	77.5	78.0	78.0	78.0	78.1	78.1	78.2	78.3	78.4
IV 2000	10.2	74.4	76.8	77.4	78.3	78.7	78.8	78.9	79.4	79.4	79.4	79.5	79.5	79.6	79.7	79.8
IV 1800	10.2	74.7	77.1	78.0	78.8	79.2	79.4	79.5	80.0	80.0	80.0	80.1	80.1	80.2	80.3	80.4
IV 1500	10.2	75.3	77.7	78.7	79.8	80.2	80.4	80.5	81.1	81.1	81.1	81.2	81.2	81.3	81.4	81.5
IV 1200	10.2	75.7	79.3	80.6	82.8	82.8	83.0	83.1	83.7	83.7	83.7	83.8	83.8	83.9	84.0	84.1
IV 1000	10.2	77.7	80.5	82.2	83.8	84.2	84.4	84.5	85.1	85.1	85.1	85.2	85.2	85.3	85.4	85.5
IV 900	10.2	78.2	81.3	83.2	85.2	85.6	85.8	85.9	86.5	86.5	86.5	86.6	86.6	86.7	86.8	86.9
IV 800	10.2	78.8	82.5	84.4	86.5	86.9	87.1	87.2	87.7	87.8	87.8	88.0	88.0	88.1	88.2	88.3
IV 700	10.2	79.7	83.8	85.9	88.6	89.0	89.2	89.4	89.9	90.1	90.1	90.2	90.2	90.3	90.4	90.5
IV 600	10.2	80.2	84.2	86.8	90.4	90.9	91.1	91.2	91.9	92.3	92.3	92.5	92.5	92.6	92.7	92.8
IV 500	10.2	80.4	84.6	87.4	91.1	91.6	92.4	92.7	93.8	94.0	94.0	94.3	94.3	94.4	94.5	94.6
IV 400	10.2	80.5	84.7	87.7	91.5	92.4	93.7	94.5	95.8	95.9	96.2	96.2	96.3	96.5	96.6	96.6
IV 300	10.2	80.6	84.8	87.8	91.8	92.8	94.1	95.1	96.2	96.9	97.2	97.2	97.3	97.4	97.5	97.5
IV 200	10.2	80.6	84.8	87.8	91.8	92.8	94.3	95.4	96.6	97.4	98.0	98.0	98.3	98.4	98.5	98.5
IV 100	10.2	80.6	84.8	87.8	91.8	92.8	94.3	95.4	96.6	97.5	98.1	98.1	98.4	98.5	98.6	98.6
IV 0	10.2	80.6	84.8	87.8	91.8	92.8	94.3	95.4	96.6	97.5	98.1	98.1	98.7	99.0	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

1973
 STATION

SEYMOUR-JOHNSON AFB AC
 STATION NAME

62-73,73-77
 YEAR

JAN
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3530-3500
 NUMBER OF OBSERVATIONS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	6.3	50.9	52.6	52.9	53.8	53.9	54.1	54.2	54.3	54.4	54.7	54.8	54.8	54.8	55.1	55.7
IV 20000	7.4	53.9	55.8	56.1	56.8	57.1	57.2	57.4	57.4	57.6	58.7	58.1	58.1	58.1	58.3	58.4
IV 18000	7.4	54.1	55.9	56.2	56.9	57.2	57.3	57.5	57.5	57.7	58.0	58.1	58.2	58.2	58.4	58.5
IV 16000	7.4	54.2	56.1	56.5	57.1	57.4	57.5	57.7	57.7	58.0	58.3	58.4	58.4	58.4	58.6	58.7
IV 14000	7.4	54.2	56.2	56.6	57.2	57.5	57.6	57.8	57.8	58.1	58.4	58.5	58.5	58.5	58.7	58.8
IV 12000	7.3	55.8	58.1	58.4	59.0	59.4	59.5	59.7	59.7	59.9	60.2	60.3	60.3	60.3	60.5	60.6
IV 10000	7.6	58.5	60.8	61.3	61.9	62.5	62.6	62.8	62.8	63.0	63.3	63.4	63.4	63.4	63.7	63.8
IV 9000	7.6	59.1	61.4	61.9	62.6	63.1	63.2	63.4	63.4	63.7	64.0	64.1	64.1	64.1	64.3	64.4
IV 8000	7.7	60.9	63.1	63.7	64.3	64.8	64.9	65.2	65.2	65.4	65.7	65.8	65.8	65.8	66.0	66.1
IV 7000	7.7	61.8	64.1	64.6	65.3	65.8	65.9	66.1	66.1	66.3	66.7	66.8	66.8	66.8	67.0	67.1
IV 6000	7.7	63.2	65.6	66.1	66.8	67.3	67.4	67.6	67.6	67.8	68.2	68.3	68.3	68.3	68.5	68.6
IV 5000	7.8	64.6	67.1	67.6	68.3	68.9	69.0	69.1	69.4	69.6	69.9	70.2	70.2	70.2	70.3	70.3
IV 4500	8.2	65.8	68.3	69.0	69.7	70.2	70.3	70.5	70.5	70.8	71.1	71.2	71.2	71.2	71.4	71.5
IV 4000	8.6	68.2	71.2	72.0	72.6	73.4	73.5	73.9	73.9	74.1	74.4	74.5	74.5	74.5	74.7	74.8
IV 3500	8.8	68.8	71.8	72.7	73.7	74.3	74.4	74.7	74.7	74.9	75.3	75.4	75.4	75.4	75.6	75.7
IV 3000	8.8	69.4	72.8	73.8	74.8	75.6	75.7	76.0	76.0	76.2	76.6	76.7	76.7	76.7	76.9	77.0
IV 2500	8.9	70.6	74.2	75.2	76.2	77.1	77.2	77.5	77.5	77.7	78.1	78.2	78.2	78.2	78.4	78.5
IV 2000	9.2	71.8	75.5	76.7	77.7	78.7	78.9	79.2	79.2	79.5	79.9	79.9	79.9	79.9	80.1	80.2
IV 1800	9.4	71.8	75.8	77.1	78.2	79.1	79.4	79.7	79.7	79.9	80.2	80.3	80.3	80.3	80.5	80.6
IV 1500	9.5	73.1	77.4	78.6	80.0	81.0	81.2	81.5	81.5	81.7	82.0	82.2	82.2	82.2	82.4	82.5
IV 1200	9.5	74.6	79.0	80.8	82.0	83.0	83.3	83.8	84.0	84.3	84.6	84.7	84.7	84.7	84.9	85.1
IV 1000	9.5	74.9	79.7	81.6	83.2	84.3	84.6	85.1	85.3	85.6	85.9	86.0	86.0	86.0	86.2	86.3
IV 900	9.5	75.8	80.4	82.6	84.2	85.4	85.7	86.1	86.3	86.7	87.0	87.1	87.1	87.1	87.3	87.4
IV 800	9.5	76.1	81.2	83.3	84.9	86.2	86.7	87.1	87.3	87.6	88.0	88.1	88.1	88.1	88.3	88.4
IV 700	9.5	76.5	82.2	84.4	86.2	87.5	88.0	88.3	88.7	89.1	89.4	89.5	89.5	89.5	89.7	89.8
IV 600	9.5	77.2	83.2	85.6	87.6	89.2	90.1	90.6	91.0	91.5	91.8	91.9	91.9	91.9	92.2	92.3
IV 500	9.6	77.5	83.8	86.1	88.1	90.0	91.1	92.3	92.9	93.4	93.8	93.9	93.9	93.9	94.1	94.2
IV 400	9.6	77.8	84.1	86.5	89.2	91.0	92.6	94.0	94.4	95.1	95.4	95.5	95.5	95.5	95.7	95.8
IV 300	9.6	78.0	84.2	86.6	89.6	91.5	93.1	94.5	95.4	96.2	96.7	96.8	96.8	96.8	97.0	97.1
IV 200	9.6	78.0	84.2	86.6	89.7	91.4	93.2	94.9	95.8	97.1	97.6	97.7	97.7	97.8	97.8	98.2
IV 100	9.6	78.0	84.2	86.6	89.7	91.4	93.2	95.1	95.9	97.3	98.0	98.2	98.2	98.8	99.1	99.5
IV 0	9.6	78.0	84.2	86.6	89.7	91.4	93.2	95.1	95.9	97.3	98.0	98.2	98.8	99.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

LOCAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17713
 STATION

SEYMOUR-JOHNSON AFB NC
 STATION NAME

68-73,73-79
 YEAR

JAN
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-2800
 HOURS (LT)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.5	≥.4	≥.3	≥.25	≥.2
NO CEILING	6.3	47.1	49.1	49.7	50.3	50.6	51.3	51.4	51.4	51.5	51.5	51.5	51.8	51.9	51.9	52.3
≥ 20000	7.1	49.7	52.1	52.6	53.3	53.7	54.4	54.6	54.6	54.7	54.7	54.7	55.1	55.2	55.2	55.5
≥ 18000	7.1	51.1	52.4	52.9	53.7	54.1	54.7	54.9	54.9	55.1	55.1	55.2	55.2	55.5	55.5	55.8
≥ 16000	7.1	50.0	52.4	52.9	53.7	54.1	54.8	55.1	55.1	55.2	55.2	55.2	55.5	55.5	55.6	55.9
≥ 14000	7.2	50.4	52.8	53.3	54.1	54.5	55.3	55.5	55.5	55.6	55.6	55.6	55.9	56.0	56.0	56.3
≥ 12000	7.6	52.6	54.9	55.5	56.2	56.7	57.5	57.7	57.7	57.9	57.8	57.8	58.2	58.3	58.3	58.6
IV 10000	7.8	55.4	57.7	58.3	59.2	59.7	60.5	61.8	61.8	60.9	61.9	61.9	61.2	61.3	61.3	61.6
IV 9000	7.8	56.1	58.5	59.0	60.0	60.4	61.3	61.5	61.5	61.5	61.6	61.6	61.9	62.0	62.0	62.4
IV 8000	8.4	58.1	61.9	61.8	62.8	63.2	64.1	64.3	64.3	64.4	64.4	64.4	64.7	64.8	64.8	65.2
IV 7000	8.6	59.4	62.3	63.3	64.3	64.7	65.6	66.0	66.0	66.1	66.1	66.1	66.5	66.6	66.6	66.9
IV 6000	8.7	61.3	64.5	65.6	66.7	67.1	68.1	68.4	68.4	68.5	68.5	68.5	68.8	68.9	68.9	69.2
IV 5000	8.8	63.0	66.1	67.3	68.5	68.9	69.8	70.2	70.2	70.3	70.3	70.3	70.6	70.8	70.8	71.1
IV 4500	9.0	64.1	67.2	68.4	69.6	70.0	70.9	71.4	71.4	71.5	71.5	71.5	71.8	71.9	71.9	72.3
IV 4000	9.0	65.4	68.7	70.0	71.3	71.7	72.6	73.1	73.1	73.2	73.2	73.2	73.5	73.7	73.7	74.0
IV 3500	9.1	66.0	69.9	71.3	72.6	73.0	73.9	74.4	74.4	74.5	74.5	74.5	74.8	74.9	74.9	75.3
IV 3000	9.1	67.0	70.4	71.8	73.2	73.7	74.6	75.2	75.2	75.3	75.3	75.4	75.7	75.8	75.8	76.1
IV 2500	9.1	68.9	72.6	74.2	75.6	76.0	77.0	77.5	77.5	77.6	77.6	77.7	78.1	78.2	78.2	78.5
IV 2000	9.1	69.6	73.4	75.2	76.7	77.1	78.2	78.7	78.7	78.8	78.8	78.9	79.2	79.4	79.4	79.7
IV 1800	9.1	69.8	73.8	75.5	77.3	77.7	78.8	79.4	79.4	79.5	79.5	79.6	79.9	80.0	80.0	80.3
IV 1500	9.1	70.4	74.5	76.3	78.2	78.6	79.8	80.3	80.3	80.4	80.4	80.5	81.0	81.1	81.1	81.4
IV 1200	9.1	71.8	76.1	78.1	79.9	80.3	81.5	82.0	82.0	82.5	82.5	82.6	83.0	83.1	83.1	83.4
IV 1000	9.1	73.0	77.6	79.9	81.7	82.2	83.3	83.9	83.9	84.3	84.3	84.4	84.8	84.9	84.9	85.3
IV 900	9.1	74.1	78.7	81.2	83.1	83.5	84.7	85.3	85.3	85.7	85.7	85.8	86.2	86.3	86.3	86.7
IV 800	9.1	74.1	79.0	81.6	83.7	84.1	85.3	85.8	85.8	86.2	86.2	86.3	86.8	86.9	86.9	87.2
IV 700	9.1	74.4	79.6	82.3	84.6	85.1	86.2	86.8	86.8	87.2	87.2	87.3	87.7	87.8	87.8	88.2
IV 600	9.1	74.6	80.3	83.2	85.8	86.2	87.5	88.3	88.3	88.7	88.7	88.8	89.2	89.4	89.4	89.7
IV 500	9.1	74.9	80.8	84.4	88.0	88.6	90.2	91.3	91.3	91.7	91.7	91.8	92.3	92.4	92.4	92.7
IV 400	9.1	75.2	81.2	84.9	88.8	89.8	91.8	93.3	93.5	94.1	94.1	94.2	94.6	94.7	94.7	95.1
IV 300	9.1	75.2	81.2	84.9	88.8	90.1	92.5	95.2	95.4	96.2	96.3	96.5	96.9	97.1	97.1	97.4
IV 200	9.1	75.2	81.2	84.9	88.8	90.1	92.8	95.7	96.6	97.6	97.6	98.4	98.4	99.0	99.4	99.7
IV 100	9.1	75.2	81.2	84.9	88.8	90.1	92.8	95.8	96.7	97.7	97.7	98.4	98.6	99.2	99.6	100.0
IV 0	9.1	75.2	81.2	84.9	88.8	90.1	92.8	95.8	96.7	97.7	97.7	98.4	98.6	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 935

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1773 SEYMOUR-JOHNSON AFB MO
STATION STATION NAME

68-70, 73-79
YEAR

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

930-1100
HOURS (LT)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.7	≥2	≥1.7	≥1.4	≥1	≥.7	≥.5	≥.3	≥.16	≥.1	≥0
NO CEILING	8.4	51.3	52.3	52.5	52.5	52.6	52.7	52.7	52.7	52.8	52.9	52.9	52.9	52.9	53.0	53.0
≥ 20000	9.0	54.1	55.2	55.4	55.5	55.6	55.7	55.7	55.7	55.8	55.8	55.9	55.9	55.9	56.0	56.0
18000	9.1	54.1	55.2	55.4	55.5	55.6	55.7	55.7	55.7	55.8	55.8	55.9	55.9	55.9	56.0	56.0
16000	9.2	54.7	55.8	56.0	56.1	56.2	56.3	56.3	56.3	56.3	56.5	56.5	56.6	56.6	56.7	56.7
14000	9.2	55.9	56.9	57.1	57.2	57.3	57.4	57.4	57.4	57.5	57.5	57.6	57.6	57.6	57.7	57.7
12000	9.0	56.7	57.7	58.0	58.1	58.2	58.3	58.3	58.3	58.4	58.4	58.5	58.5	58.5	58.6	58.6
10000	9.9	60.2	61.4	61.6	61.7	61.8	61.9	61.9	61.9	62.0	62.0	62.2	62.2	62.2	62.3	62.3
9000	9.3	61.7	62.9	63.1	63.2	63.3	63.4	63.4	63.4	63.5	63.5	63.7	63.7	63.7	63.8	63.8
8000	10.8	64.9	66.1	66.3	66.5	66.6	66.7	66.7	66.7	66.8	66.8	66.9	66.9	66.9	67.0	67.0
7000	11.9	66.7	68.1	68.3	68.4	68.5	68.6	68.6	68.6	68.7	68.7	68.8	68.8	68.8	68.9	68.9
6000	11.2	68.6	70.1	70.3	70.4	70.5	70.6	70.6	70.6	70.8	70.8	70.9	70.9	70.9	71.0	71.0
5000	11.4	70.5	72.0	72.5	72.7	72.8	72.9	72.9	72.9	73.0	73.0	73.1	73.1	73.1	73.2	73.2
4500	11.4	71.4	73.0	73.4	73.7	73.8	73.9	73.9	73.9	74.0	74.0	74.1	74.1	74.1	74.2	74.2
4000	11.4	73.1	74.8	75.4	75.7	75.8	75.9	76.0	76.0	76.3	76.1	76.1	76.2	76.2	76.3	76.3
3500	11.4	73.5	75.3	75.8	75.3	75.5	76.6	76.7	76.7	76.8	76.8	76.9	76.9	76.9	77.0	77.0
3000	11.4	74.2	76.1	76.7	77.3	77.4	77.5	77.6	77.7	77.8	77.8	78.0	78.0	78.0	78.1	78.1
2500	11.4	75.3	77.4	78.0	78.6	78.7	79.0	79.1	79.2	79.4	79.4	79.5	79.5	79.5	79.6	79.6
2000	11.5	76.0	78.2	78.7	79.4	79.6	79.9	80.0	80.1	80.2	80.2	80.3	80.3	80.3	80.4	80.4
1800	11.6	76.7	78.9	79.5	80.1	80.3	80.6	80.8	80.9	81.0	81.0	81.1	81.1	81.1	81.2	81.2
1500	11.6	77.7	80.7	80.8	81.5	81.7	82.3	82.4	82.5	82.7	82.7	82.8	82.8	82.8	82.9	82.9
1200	11.6	78.4	80.6	81.4	82.2	82.4	82.9	83.0	83.1	83.3	83.4	83.5	83.5	83.5	83.7	83.7
1000	11.6	79.7	82.3	83.1	83.9	84.1	84.8	85.1	85.2	85.4	85.5	85.6	85.6	85.6	85.7	85.7
900	11.5	79.8	82.3	83.4	84.2	84.4	85.2	85.4	85.5	85.7	85.8	85.9	85.9	85.9	86.0	86.0
800	11.6	80.4	83.7	84.7	85.9	85.1	86.9	87.2	87.4	87.6	87.7	87.8	87.8	87.8	88.0	88.0
700	11.6	81.0	84.5	85.9	87.1	87.5	88.4	89.1	89.4	89.6	89.7	89.8	89.8	89.8	89.9	89.9
600	11.6	81.1	85.3	86.8	88.2	88.6	89.8	90.6	90.9	91.1	91.2	91.3	91.4	91.4	91.5	91.5
500	11.6	81.6	86.0	88.0	90.0	90.6	92.8	93.8	94.0	94.2	94.3	94.4	94.5	94.5	94.6	94.6
400	11.6	81.9	86.5	88.5	90.9	91.9	94.2	95.5	95.7	95.9	96.0	96.1	96.3	96.3	96.5	96.5
300	11.6	82.0	86.6	88.6	91.2	92.6	95.3	97.1	97.5	97.8	98.2	98.3	98.6	98.7	98.8	98.8
200	11.6	82.0	86.6	88.6	91.3	92.7	95.5	97.4	98.0	98.5	98.8	98.9	99.5	99.6	99.7	99.7
100	11.6	82.0	86.6	88.6	91.3	92.7	95.5	97.4	98.0	98.5	98.8	98.9	99.6	99.8	100.0	100.0
0	11.6	82.0	86.6	88.6	91.3	92.7	95.5	97.4	98.0	98.5	98.8	98.9	99.6	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 13 SEYMOUR-JOHNSON AFB NC

68-77, 73-79

JAN

STATION

STATION NAME

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
 HOURS (LT)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.2	≥.1	≥.0
NO CEILING	9.6	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	55.1
≥ 20000	10.9	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
IV 18000	11.0	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
IV 16000	10.9	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
IV 14000	11.1	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
IV 12000	11.1	62.9	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
IV 10000	11.1	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
IV 9000	11.1	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	64.9	64.9
IV 8000	11.9	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
IV 7000	11.8	70.5	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
IV 6000	11.8	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	72.8
IV 5000	11.8	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	74.9	74.9
IV 4500	11.9	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IV 4000	11.8	76.1	76.3	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 3500	11.8	77.1	77.2	77.4	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 3000	11.8	78.2	78.7	79.0	79.1	79.4	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
IV 2500	11.8	79.0	80.1	80.4	80.5	80.8	80.9	80.9	81.0	81.0	81.1	81.2	81.2	81.2	81.2	81.2
IV 2000	11.9	80.6	81.9	82.4	82.6	82.8	82.9	83.0	83.1	83.3	83.4	83.4	83.4	83.4	83.4	83.4
IV 1800	11.9	81.1	82.4	82.8	83.0	83.2	83.3	83.4	83.5	83.8	83.9	83.9	83.9	83.9	83.9	83.9
IV 1500	11.9	81.9	83.3	84.0	84.2	84.4	84.5	84.7	84.8	85.1	85.2	85.2	85.2	85.2	85.2	85.2
IV 1200	11.9	82.9	84.5	85.3	85.7	86.0	86.2	86.5	86.6	86.8	86.9	86.9	86.9	86.9	86.9	86.9
IV 1000	11.9	84.0	85.6	86.5	86.9	87.3	87.6	87.8	88.0	88.2	88.4	88.4	88.4	88.4	88.4	88.4
IV 900	11.9	84.3	86.3	87.3	88.2	88.6	88.9	89.1	89.2	89.5	89.7	89.7	89.7	89.7	89.7	89.7
IV 800	11.9	84.7	87.1	88.3	89.2	89.8	90.1	90.4	90.5	90.8	91.0	91.0	91.0	91.0	91.0	91.0
IV 700	11.9	85.3	88.0	89.2	90.9	91.4	91.8	92.6	92.7	92.9	93.1	93.1	93.1	93.1	93.1	93.1
IV 600	11.9	85.6	88.9	89.8	91.9	92.7	93.1	93.9	94.0	94.3	94.6	94.6	94.7	94.7	94.7	94.7
IV 500	11.9	86.1	89.1	90.4	93.1	94.4	95.4	96.3	96.6	97.1	97.6	97.7	98.0	98.0	98.0	98.0
IV 400	11.9	86.1	89.2	90.5	93.3	94.7	95.9	97.0	97.3	97.8	98.7	98.8	99.1	99.1	99.1	99.1
IV 300	11.9	86.1	89.9	90.8	93.7	95.1	96.3	97.7	98.1	98.6	99.6	99.7	100.0	100.0	100.0	100.0
IV 200	11.9	86.1	89.9	90.8	93.7	95.1	96.3	97.7	98.1	98.6	99.6	99.7	100.0	100.0	100.0	100.0
IV 100	11.9	86.1	89.9	90.8	93.7	95.1	96.3	97.7	98.1	98.6	99.6	99.7	100.0	100.0	100.0	100.0
IV 0	11.9	86.1	89.9	90.8	93.7	95.1	96.3	97.7	98.1	98.6	99.6	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13713
STATION

SEYMCUR-JOHNSON AFB NC
STATION NAME

68-77,73-79
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (EST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥1	≥.5	≥.5	≥.5	≥.5	≥.5	≥.5
NO CEILING	9.8	52.7	53.7	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
≥ 20000	10.5	57.2	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
IV 18000	10.6	57.3	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	57.7
IV 16000	10.8	57.6	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
IV 14000	11.3	58.8	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
IV 12000	12.3	61.7	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	62.2
IV 10000	12.7	64.7	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
IV 9000	12.7	65.1	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
IV 8000	13.1	67.7	68.4	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
IV 7000	13.0	69.6	70.2	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
IV 6000	13.1	73.8	71.6	71.7	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
IV 5000	13.3	72.4	73.3	73.4	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IV 4500	13.4	73.3	74.4	74.5	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 4000	13.4	75.2	76.2	76.3	76.6	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 3500	13.4	76.3	77.4	77.5	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IV 3000	13.4	76.3	79.4	79.6	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IV 2500	13.7	80.5	81.8	82.0	82.6	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 2000	13.9	81.8	83.2	83.8	84.5	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 1800	13.9	81.9	83.3	83.9	84.6	84.6	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 1500	13.9	82.8	84.6	85.4	86.1	86.3	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 1200	13.9	84.3	86.5	87.4	88.2	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 1000	13.9	85.3	87.4	88.6	89.4	89.9	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 900	13.9	85.7	88.1	89.5	90.2	90.9	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 800	13.9	86.3	89.7	90.3	91.2	91.9	92.2	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 700	13.9	86.7	89.7	91.2	92.4	93.1	93.4	93.9	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 600	13.9	86.7	89.7	91.9	93.3	94.1	94.5	95.2	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 500	13.9	87.1	90.7	92.5	94.0	94.7	95.6	96.9	97.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 400	13.9	87.2	90.3	92.7	94.3	95.1	95.9	97.3	98.0	98.5	98.7	98.7	98.7	98.7	98.7	98.7
IV 300	13.9	87.2	91.3	92.7	94.4	95.2	96.0	97.5	98.2	98.7	99.1	99.1	99.1	99.2	99.2	99.2
IV 200	13.9	87.2	90.3	92.7	94.4	95.2	96.0	97.5	98.3	98.8	99.4	99.4	99.4	99.9	99.9	99.9
IV 100	13.9	87.2	90.3	92.7	94.4	95.2	96.0	97.5	98.3	98.8	99.5	99.5	99.5	100.0	100.0	100.0
IV 0	13.9	87.2	90.3	92.7	94.4	95.2	96.0	97.5	98.3	98.8	99.5	99.5	99.5	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

LOCAL CLIMATOLOGY BRANCH
USAF ETAC
AT WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 7713 SEYMOUR-JOHNSON AFB NC

YEARS 68-77, 75-79

MONTH JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

PERIOD 13.1-23.0
HOURS (EST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥1	≥.5	≥.25	≥.16	≥.1	≥.05	≥.01
NO CEILING	3.7	53.5	53.9	54.3	54.4	54.4	54.4	54.5	54.5	54.5	54.5	54.6	54.7	54.7	54.7	54.7
≥ 20000	8.9	56.3	56.3	56.8	56.9	57.1	57.2	57.4	57.4	57.4	57.4	57.5	57.6	57.6	57.7	57.7
IV 18000	9.2	57.7	57.7	57.4	57.5	57.7	57.8	58.1	58.1	58.1	58.1	58.2	58.3	58.3	58.4	58.4
IV 16000	9.2	57.2	57.2	57.6	57.7	58.0	58.2	58.4	58.4	58.4	58.4	58.5	58.5	58.6	58.6	58.7
IV 14000	9.4	58.2	58.2	58.6	58.7	58.9	59.1	59.4	59.4	59.4	59.4	59.5	59.6	59.6	59.7	59.7
IV 12000	9.9	60.1	60.1	60.5	60.6	60.9	61.2	61.4	61.4	61.4	61.4	61.5	61.6	61.6	61.7	61.7
IV 10000	10.3	64.1	64.1	64.5	64.6	64.8	65.2	65.4	65.4	65.4	65.4	65.5	65.6	65.6	65.7	65.7
IV 9000	10.3	64.3	64.3	64.7	64.8	65.1	65.4	65.6	65.6	65.6	65.6	65.7	65.7	65.8	65.9	65.9
IV 8000	11.1	66.7	66.7	67.3	67.4	67.6	68.0	68.2	68.2	68.2	68.2	68.3	68.4	68.4	68.5	68.5
IV 7000	11.2	68.4	68.4	69.4	69.5	69.7	70.0	70.2	70.2	70.2	70.2	70.3	70.3	70.4	70.5	70.5
IV 6000	11.3	69.5	69.5	70.4	70.5	70.8	71.1	71.3	71.3	71.3	71.3	71.4	71.4	71.5	71.5	71.6
IV 5000	11.5	70.5	70.5	71.4	71.6	71.8	72.2	72.4	72.4	72.4	72.4	72.5	72.6	72.6	72.7	72.7
IV 4500	11.5	71.4	71.4	72.4	72.6	72.8	73.1	73.3	73.3	73.3	73.3	73.4	73.4	73.5	73.5	73.7
IV 4000	11.5	73.4	73.4	74.6	74.9	75.2	75.6	75.6	75.6	75.6	75.6	75.9	75.9	76.0	76.1	76.1
IV 3500	11.9	74.7	74.7	75.9	76.2	76.5	76.9	77.1	77.1	77.1	77.1	77.2	77.2	77.3	77.4	77.4
IV 3000	12.0	77.0	77.0	78.2	78.5	78.7	79.1	79.4	79.4	79.4	79.4	79.6	79.6	79.7	79.7	79.7
IV 2500	12.1	78.3	78.3	79.7	80.0	80.3	80.5	81.0	81.3	81.3	81.3	81.4	81.5	81.5	81.6	81.7
IV 2000	12.1	80.1	80.1	82.3	83.1	83.3	83.8	84.1	84.1	84.1	84.1	84.2	84.3	84.3	84.4	84.5
IV 1800	12.1	80.2	80.2	81.7	83.3	83.3	84.0	84.3	84.3	84.3	84.4	84.5	84.5	84.6	84.6	84.7
IV 1500	12.1	80.8	80.8	83.4	84.4	84.4	85.2	85.5	85.5	85.5	85.6	85.7	85.7	85.8	85.8	85.9
IV 1200	12.4	82.2	82.2	85.6	86.7	87.0	87.5	87.8	87.8	87.8	88.0	88.1	88.2	88.2	88.3	88.3
IV 1000	12.4	82.6	82.6	86.5	87.6	88.0	88.5	88.8	88.8	88.8	88.9	89.0	89.0	89.1	89.1	89.2
IV 900	12.4	83.2	83.2	86.1	87.4	88.7	89.0	89.7	90.0	90.0	90.2	90.3	90.3	90.4	90.4	90.5
IV 800	12.4	83.4	83.4	86.6	88.3	90.0	90.5	91.4	91.7	91.7	91.9	92.2	92.3	92.3	92.4	92.5
IV 700	12.4	83.8	83.8	87.0	89.0	91.1	91.6	92.5	93.0	93.2	93.4	93.5	93.5	93.7	93.7	93.8
IV 600	12.4	84.1	84.1	87.3	89.9	92.0	92.7	93.8	94.6	94.6	95.1	95.2	95.2	95.3	95.3	95.4
IV 500	12.4	84.1	84.1	87.4	90.0	92.3	93.4	94.6	95.6	95.6	96.0	96.0	96.1	96.2	96.2	96.3
IV 400	12.4	84.1	84.1	87.4	90.1	92.6	94.1	95.5	97.1	97.3	97.6	97.7	97.7	97.8	97.8	98.0
IV 300	12.4	84.1	84.1	87.4	90.3	92.8	94.4	95.8	97.5	97.9	98.2	98.3	98.3	98.4	98.4	98.5
IV 200	12.4	84.1	84.1	87.4	90.3	92.9	94.6	96.1	97.8	98.2	98.6	98.6	98.6	98.8	98.8	98.9
IV 100	12.4	84.1	84.1	87.4	90.3	92.9	94.6	96.1	97.8	98.2	98.7	98.7	98.9	98.9	99.4	99.5
IV 0	12.4	84.1	84.1	87.4	90.3	92.9	94.6	96.1	97.8	98.2	98.7	98.9	98.9	99.4	99.5	99.9

TOTAL NUMBER OF OBSERVATIONS

930

CLIMATE CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13
 STATION

SEYMOUR-JOHNSON AFB NC
 STATION NAME

68-70, 73-79
 YEAR

JAN
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10-2377
 HOURS

CEILING FEET	VISIBILITY STATUTE MILES																	
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	≥.2		
NO CEILING	6.7	55.4	56.2	56.7	56.8	56.8	56.9	57.0	57.0	57.0	57.1	57.2	57.3	57.4	57.4	57.4	57.4	
≥ 20000	7.4	57.1	58.1	59.4	58.5	58.9	58.6	58.7	58.7	58.7	58.7	58.8	58.9	59.3	59.1	59.4	59.4	59.4
IV 18000	7.6	57.5	58.4	59.9	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.4	59.5	59.6	59.7	59.9	59.9	59.9
IV 16000	7.7	57.7	58.6	59.1	59.2	59.2	59.4	59.5	59.5	59.5	59.5	59.6	59.7	59.8	59.9	60.1	60.1	60.1
IV 14000	7.7	58.8	59.7	61.2	60.3	60.3	60.4	60.5	60.5	60.5	60.5	60.6	60.8	60.9	61.0	61.2	61.2	61.2
IV 12000	8.3	60.3	61.2	61.7	61.8	61.8	61.9	62.0	62.0	62.0	62.0	62.0	62.3	62.4	62.5	62.7	62.7	62.7
IV 10000	8.6	62.6	63.4	64.0	64.1	64.1	64.2	64.3	64.3	64.3	64.3	64.4	64.5	64.6	64.7	64.9	64.9	64.9
IV 9000	8.6	62.9	63.8	64.3	64.4	64.4	64.5	64.6	64.6	64.6	64.6	64.7	64.8	64.9	65.1	65.3	65.3	65.3
IV 8000	9.1	64.3	65.2	65.7	65.9	65.9	66.1	66.3	66.3	66.3	66.3	66.5	66.6	66.7	66.8	67.0	67.0	67.0
IV 7000	9.1	65.6	66.5	67.0	67.2	67.2	67.5	67.6	67.6	67.6	67.6	67.8	67.8	68.0	68.3	68.5	68.5	68.5
IV 6000	9.1	66.2	67.1	67.6	67.8	67.8	68.2	68.5	68.5	68.5	68.5	68.6	68.7	68.8	68.9	69.1	69.1	69.1
IV 5000	9.5	67.7	68.6	69.1	69.4	69.4	69.7	70.0	70.0	70.0	70.0	70.1	70.2	70.3	70.4	70.6	70.6	70.6
IV 4500	9.6	69.1	70.1	70.5	70.8	70.8	71.1	71.4	71.4	71.4	71.4	71.5	71.6	71.7	71.8	72.0	72.0	72.0
IV 4000	9.7	71.1	72.0	72.6	72.8	72.9	73.2	73.5	73.5	73.5	73.5	73.7	73.8	73.9	74.0	74.2	74.2	74.2
IV 3500	10.0	72.3	73.3	73.9	74.1	74.2	74.5	74.8	74.8	74.8	74.8	74.9	75.1	75.2	75.3	75.5	75.5	75.5
IV 3000	10.2	73.7	75.1	75.6	75.8	75.9	76.2	76.7	76.7	76.7	76.7	76.8	76.9	77.0	77.1	77.3	77.3	77.3
IV 2500	10.2	75.1	76.6	77.3	77.5	77.6	78.1	78.5	78.5	78.5	78.5	78.6	78.7	78.8	78.9	79.1	79.1	79.1
IV 2000	10.2	76.3	78.0	78.9	79.4	79.5	80.0	80.4	80.4	80.4	80.4	80.5	80.6	80.8	80.9	81.1	81.1	81.1
IV 1800	10.2	76.5	78.2	79.1	79.6	79.7	80.2	80.6	80.6	80.6	80.6	80.8	80.9	81.0	81.1	81.3	81.3	81.3
IV 1500	10.2	77.7	79.7	80.6	81.5	81.6	82.2	82.6	82.6	82.6	82.6	82.7	82.8	82.9	83.0	83.2	83.2	83.2
IV 1200	10.2	78.6	80.9	82.2	83.1	83.2	83.8	84.2	84.2	84.2	84.2	84.3	84.4	84.5	84.6	84.8	84.8	84.8
IV 1000	10.2	79.2	81.9	83.4	84.4	84.5	85.2	85.6	85.6	85.6	85.6	85.7	85.8	85.9	86.0	86.2	86.2	86.2
IV 900	10.2	79.4	82.2	83.9	84.9	85.1	85.7	86.1	86.1	86.1	86.1	86.2	86.3	86.5	86.6	86.8	86.8	86.8
IV 800	10.2	79.8	83.1	84.9	86.2	86.5	87.2	87.6	87.7	87.7	87.7	87.8	88.0	88.1	88.2	88.4	88.4	88.4
IV 700	10.2	80.9	84.3	86.2	88.7	89.0	89.8	90.2	90.3	90.4	90.4	90.5	90.6	90.6	90.9	91.1	91.1	91.1
IV 600	10.2	81.4	84.9	87.1	89.8	90.1	91.2	91.7	91.8	91.9	91.9	92.0	92.2	92.3	92.4	92.6	92.6	92.6
IV 500	10.2	81.7	85.5	87.6	90.8	91.8	93.1	94.2	94.3	94.4	94.4	94.5	94.6	94.7	94.8	95.1	95.1	95.1
IV 400	10.2	81.9	85.9	88.2	91.4	92.6	94.4	96.1	96.2	96.3	96.3	96.5	96.6	96.7	96.8	97.0	97.0	97.0
IV 300	10.2	81.9	85.9	88.4	91.8	93.2	95.3	97.1	97.2	97.5	97.5	97.6	97.7	97.8	98.0	98.3	98.3	98.3
IV 200	10.2	81.9	85.9	88.7	92.2	93.5	95.6	97.7	97.8	98.2	98.2	98.3	98.4	98.5	98.6	98.9	98.9	98.9
IV 100	10.2	81.9	85.9	88.7	92.2	93.5	95.6	97.7	97.8	98.2	98.3	98.4	98.5	98.6	98.9	99.4	99.4	99.4
IV 0	10.2	81.9	85.9	88.7	92.2	93.5	95.6	97.7	97.8	98.2	98.3	98.4	98.5	98.6	98.9	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1972
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (EST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.025	≥.01	≥.005
NO CEILING	7.5	52.0	53.4	53.7	54.0	54.1	54.2	54.3	54.3	54.3	54.4	54.4	54.5	54.6	54.6	54.7
IV 20000	8.6	55.5	56.5	56.7	57.0	57.1	57.3	57.4	57.4	57.5	57.5	57.6	57.6	57.7	57.8	57.8
IV 18000	8.7	55.7	56.7	57.0	57.3	57.4	57.6	57.7	57.7	57.7	57.8	57.8	57.9	58.0	58.0	58.1
IV 16000	8.8	56.0	57.0	57.3	57.6	57.7	57.9	58.0	58.0	58.1	58.1	58.1	58.2	58.3	58.3	58.4
IV 14000	8.9	56.8	57.8	58.1	58.4	58.5	58.7	58.8	58.8	58.9	59.0	59.0	59.1	59.1	59.2	59.3
IV 12000	9.3	58.7	59.7	60.0	60.3	60.4	60.6	60.7	60.7	60.8	60.8	60.9	60.9	61.0	61.1	61.1
IV 10000	9.5	61.3	62.4	62.7	63.0	63.2	63.4	63.5	63.5	63.5	63.6	63.6	63.7	63.8	63.9	63.9
IV 9000	9.6	62.0	63.0	63.3	63.6	63.8	64.0	64.1	64.1	64.2	64.2	64.3	64.4	64.4	64.5	64.6
IV 8000	10.1	64.3	65.4	65.8	66.2	66.3	66.5	66.7	66.7	66.8	66.8	66.9	67.0	67.0	67.1	67.2
IV 7000	10.1	65.8	67.0	67.4	67.8	67.9	68.2	68.3	68.4	68.4	68.5	68.5	68.6	68.7	68.8	68.8
IV 6000	10.2	67.2	68.5	68.9	69.2	69.4	69.7	69.8	69.9	69.9	70.0	70.0	70.1	70.2	70.2	70.3
IV 5000	10.4	69.7	70.1	70.6	71.0	71.2	71.5	71.6	71.6	71.7	71.7	71.8	71.9	71.9	72.0	72.1
IV 4500	10.5	69.8	71.2	71.7	72.1	72.3	72.5	72.7	72.7	72.8	72.9	72.9	73.0	73.0	73.1	73.2
IV 4000	10.6	71.7	73.3	73.8	74.3	74.6	74.8	75.0	75.1	75.1	75.2	75.2	75.3	75.4	75.4	75.5
IV 3500	10.7	72.4	74.3	74.9	75.5	75.7	76.0	76.2	76.2	76.3	76.3	76.4	76.5	76.5	76.6	76.7
IV 3000	10.8	73.8	75.6	76.2	76.9	77.1	77.4	77.6	77.7	77.8	77.9	77.9	78.0	78.0	78.1	78.2
IV 2500	10.9	75.1	77.2	77.8	78.5	78.8	79.2	79.4	79.5	79.6	79.6	79.7	79.8	79.8	79.9	80.0
IV 2000	11.0	76.3	78.6	79.4	80.2	80.6	80.9	81.2	81.3	81.3	81.4	81.5	81.6	81.6	81.7	81.8
IV 1800	11.0	76.6	78.9	79.8	80.6	81.0	81.3	81.6	81.7	81.8	81.9	81.9	82.0	82.0	82.1	82.2
IV 1500	11.1	77.5	80.0	81.0	82.0	82.3	82.7	83.0	83.1	83.2	83.3	83.3	83.4	83.5	83.6	83.6
IV 1200	11.1	78.7	81.5	82.7	83.8	84.1	84.6	84.9	85.3	85.2	85.3	85.3	85.4	85.4	85.5	85.6
IV 1000	11.1	79.6	82.9	84.0	85.1	85.4	86.1	86.4	86.5	86.7	86.8	86.8	86.9	86.9	87.0	87.1
IV 900	11.1	80.0	83.2	84.4	86.1	86.6	87.1	87.4	87.5	87.7	87.8	87.9	88.0	88.0	88.1	88.2
IV 800	11.1	80.5	84.7	85.7	87.2	87.8	88.3	88.7	88.9	89.1	89.2	89.3	89.4	89.4	89.5	89.6
IV 700	11.1	81.1	84.9	86.8	88.7	89.3	89.9	90.4	90.6	90.9	91.0	91.0	91.1	91.2	91.3	91.3
IV 600	11.1	81.3	85.4	87.6	89.9	90.6	91.4	92.0	92.3	92.6	92.7	92.8	92.9	93.0	93.0	93.1
IV 500	11.1	81.7	85.9	88.3	91.0	92.0	93.2	94.2	94.5	94.6	95.0	95.1	95.3	95.3	95.4	95.5
IV 400	11.1	81.9	86.2	88.6	91.5	92.7	94.2	95.6	96.0	96.4	96.7	96.7	96.9	96.9	97.0	97.1
IV 300	11.1	81.9	86.2	88.8	91.8	93.1	94.8	96.5	97.0	97.5	97.9	97.9	98.1	98.2	98.3	98.4
IV 200	11.1	81.9	86.2	88.8	91.8	93.2	95.0	96.8	97.4	98.1	98.6	98.6	99.0	99.1	99.2	99.3
IV 100	11.1	81.9	86.2	88.8	91.8	93.2	95.0	96.8	97.4	98.2	98.7	98.8	99.3	99.5	99.7	99.9
IV 0	11.1	81.9	86.2	88.8	91.8	93.2	95.0	96.8	97.4	98.2	98.7	98.8	99.3	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFB WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

000-1200
HOURS (LT)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .8	≥ .6	≥ .5	≥ .4	≥ .3	≥ 0
NO CEILING	8.7	59.9	61.2	61.6	61.6	61.5	61.6	61.6	61.9	61.7	61.9	61.9	61.9	61.9	61.9	61.9
≥ 20000	9.1	61.9	63.2	63.6	63.6	63.6	63.6	63.5	63.5	63.9	63.9	63.9	63.9	64.1	64.2	64.2
IVM 18000	9.1	62.2	63.5	63.8	63.8	63.8	63.8	64.1	64.1	64.2	64.2	64.2	64.2	64.3	64.4	64.4
IVM 16000	9.1	62.6	63.9	64.3	64.3	64.3	64.3	64.5	64.5	64.7	64.7	64.7	64.7	64.8	64.9	64.9
IVM 14000	9.2	63.5	64.8	65.1	65.1	65.1	65.1	65.4	65.4	65.5	65.5	65.5	65.5	65.6	65.7	65.7
IVM 12000	9.7	64.7	66.0	66.3	66.3	66.3	66.3	66.5	66.5	66.7	66.7	66.7	66.7	66.8	66.9	66.9
IVM 10000	10.3	63.3	69.3	69.6	69.6	69.6	69.6	69.9	69.9	70.0	70.0	70.0	70.0	70.1	70.2	70.2
IVM 9000	10.3	68.0	69.3	69.6	69.6	69.6	69.6	69.9	69.9	70.0	70.0	70.0	70.0	70.1	70.2	70.2
IVM 8000	10.6	70.4	71.7	72.1	72.1	72.1	72.1	72.3	72.3	72.5	72.5	72.5	72.5	72.6	72.7	72.7
IVM 7000	10.9	72.5	73.6	74.1	74.1	74.1	74.1	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.7	74.7
IVM 6000	10.9	73.6	74.9	75.3	75.3	75.3	75.3	75.5	75.5	75.7	75.7	75.7	75.7	75.8	75.9	75.9
IVM 5000	10.9	76.2	77.5	78.0	78.0	78.0	78.0	78.3	78.3	78.4	78.4	78.4	78.4	78.5	78.6	78.6
IVM 4500	11.0	77.3	78.7	79.4	79.4	79.4	79.6	79.8	79.8	79.9	79.9	79.9	79.9	80.0	80.1	80.1
IVM 4000	11.1	78.5	80.0	80.7	80.7	80.7	80.9	81.1	81.1	81.2	81.2	81.2	81.2	81.3	81.4	81.4
IVM 3500	11.1	79.1	80.7	81.4	81.4	81.4	81.6	81.9	81.9	82.0	82.0	82.0	82.0	82.2	82.3	82.3
IVM 3000	11.2	80.1	81.8	82.5	82.5	82.5	82.6	83.0	83.0	83.1	83.1	83.1	83.1	83.2	83.3	83.3
IVM 2500	11.2	81.6	83.2	83.9	83.9	83.9	84.0	84.4	84.4	84.5	84.5	84.5	84.5	84.6	84.8	84.8
IVM 2000	11.5	82.4	84.3	85.0	85.0	85.0	85.1	85.5	85.5	85.6	85.6	85.6	85.6	85.7	85.8	85.8
IVM 1800	11.5	82.5	84.4	85.1	85.1	85.1	85.2	85.6	85.6	85.7	85.7	85.7	85.7	85.8	85.9	85.9
IVM 1500	11.5	82.7	84.2	85.7	85.7	85.7	85.4	86.5	86.5	86.6	86.6	86.6	86.6	86.9	87.0	87.0
IVM 1200	11.5	83.8	86.3	87.2	87.4	87.4	87.6	88.2	88.2	88.3	88.3	88.3	88.3	88.5	88.7	88.7
IVM 1000	11.5	84.6	87.5	88.4	88.5	88.5	88.9	89.5	89.5	89.6	89.6	89.6	89.6	89.8	90.0	90.0
IVM 900	11.5	85.0	87.9	89.4	89.6	89.7	90.2	90.8	90.8	90.9	90.9	90.9	90.9	91.1	91.3	91.3
IVM 800	11.5	85.6	89.7	90.1	90.4	90.5	91.0	91.8	91.8	92.0	92.1	92.2	92.2	92.4	92.6	92.6
IVM 700	11.5	85.7	88.9	90.5	91.0	91.3	91.7	92.6	92.6	92.7	92.8	92.9	92.9	93.1	93.3	93.3
IVM 600	11.5	86.3	89.5	91.3	92.0	92.6	93.1	94.0	94.0	94.1	94.2	94.3	94.3	94.7	94.8	94.8
IVM 500	11.5	86.5	89.7	91.7	92.6	93.1	94.1	95.0	95.0	95.2	95.3	95.4	95.4	95.7	95.9	95.9
IVM 400	11.5	86.5	90.0	92.0	92.9	93.6	94.6	95.6	95.7	95.9	96.0	96.1	96.1	96.5	96.7	96.7
IVM 300	11.5	86.6	90.1	92.1	93.0	94.0	95.0	96.1	96.9	97.2	97.4	97.5	97.5	98.0	98.3	98.3
IVM 200	11.5	86.6	90.1	92.1	93.0	94.0	95.0	96.1	97.2	97.4	97.6	97.8	97.8	98.2	98.6	98.7
IVM 100	11.5	86.6	90.1	92.1	93.0	94.2	95.4	96.5	97.5	97.8	98.0	98.1	98.1	98.6	98.9	99.3
IVM 0	11.5	86.6	90.1	92.1	93.0	94.2	95.4	96.5	97.5	97.8	98.0	98.1	98.1	98.6	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 246

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-70
YEARS

° C
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

300-USEC
HOURS L.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	9.1	55.1	57.8	61.0	61.9	63.9	63.9	63.9	61.7	61.1	61.2	61.2	61.2	61.2	61.7	61.2
≥ 20000	9.2	58.3	59.7	61.9	62.8	62.8	62.8	62.8	62.9	63.0	63.1	63.1	63.2	63.2	63.2	63.2
IV 18000	9.5	58.5	51.2	62.4	63.2	63.2	63.2	63.2	63.4	63.5	63.6	63.6	63.7	63.7	63.7	63.7
IV 16000	9.5	59.1	67.8	63.0	63.8	63.8	63.9	63.9	64.1	64.2	64.3	64.3	64.4	64.4	64.4	64.4
IV 14000	9.7	60.4	62.1	64.3	65.1	65.1	65.2	65.2	65.4	65.5	65.6	65.6	65.7	65.7	65.7	65.7
IV 12000	9.8	61.9	63.7	66.0	66.8	66.8	66.9	66.9	67.0	67.1	67.3	67.3	67.4	67.4	67.4	67.4
IV 10000	10.0	64.2	66.1	68.3	69.1	69.1	69.3	69.3	69.4	69.5	69.6	69.6	69.7	69.7	69.7	69.7
IV 9000	10.0	64.8	66.7	68.9	69.7	69.7	69.9	69.9	70.0	70.1	70.2	70.2	70.3	70.3	70.3	70.3
IV 8000	10.4	67.3	69.1	71.5	72.3	72.3	72.5	72.5	72.6	72.7	72.8	72.8	72.9	72.9	72.9	72.9
IV 7000	10.5	68.4	70.4	72.9	73.8	73.8	73.9	73.9	74.0	74.1	74.2	74.2	74.3	74.3	74.3	74.3
IV 6000	10.5	69.3	71.3	73.8	74.6	74.6	74.7	74.7	74.8	74.9	75.1	75.1	75.2	75.2	75.2	75.2
IV 5000	10.5	71.7	73.8	76.2	77.1	77.1	77.2	77.2	77.3	77.4	77.5	77.5	77.7	77.7	77.7	77.7
IV 4500	10.5	72.8	75.1	77.8	78.6	78.6	78.7	78.7	78.8	79.0	79.1	79.1	79.2	79.2	79.2	79.2
IV 4000	10.5	74.2	76.8	79.6	80.5	80.5	80.6	80.6	80.7	80.9	81.0	81.0	81.1	81.1	81.1	81.1
IV 3500	10.5	75.2	77.9	80.7	81.7	81.7	81.8	82.2	82.3	82.4	82.5	82.5	82.6	82.6	82.6	82.6
IV 3000	10.5	75.5	78.5	81.3	82.3	82.3	82.4	82.7	82.9	83.0	83.1	83.1	83.2	83.2	83.2	83.2
IV 2500	10.5	76.5	79.4	82.4	83.3	83.3	83.5	83.8	83.9	84.7	84.2	84.2	84.3	84.3	84.3	84.3
IV 2000	10.6	78.4	81.6	84.5	85.5	85.5	85.6	85.9	86.1	86.2	86.3	86.3	86.4	86.4	86.4	86.4
IV 1800	10.6	78.5	81.7	84.6	85.6	85.6	85.7	86.1	86.2	86.3	86.4	86.4	86.5	86.5	86.5	86.5
IV 1500	10.6	79.3	82.5	85.6	86.6	86.6	86.9	87.4	87.5	87.6	87.7	87.7	87.8	87.8	87.8	87.8
IV 1200	10.6	80.4	83.8	86.9	88.2	88.3	88.4	88.9	89.0	89.1	89.2	89.2	89.4	89.4	89.4	89.4
IV 1000	10.6	80.6	84.2	87.2	88.5	88.7	88.8	89.5	89.6	89.8	90.1	90.1	90.2	90.2	90.2	90.2
IV 900	10.6	80.9	84.4	87.5	88.8	88.9	89.0	89.7	89.8	90.2	90.4	90.4	90.5	90.5	90.5	90.5
IV 800	10.6	81.5	85.1	88.3	89.7	90.1	90.2	90.9	91.1	91.6	91.8	91.8	92.0	92.0	92.0	92.0
IV 700	10.6	81.2	85.5	88.8	90.3	90.7	90.8	91.5	91.7	92.2	92.4	92.4	92.7	92.7	92.7	92.7
IV 600	10.6	81.6	86.2	89.6	91.4	92.0	92.2	92.9	93.1	93.6	93.9	94.0	94.3	94.3	94.3	94.3
IV 500	10.6	81.7	86.3	89.8	91.7	92.9	93.7	95.0	95.4	95.9	96.1	96.1	96.6	96.6	96.7	96.7
IV 400	10.6	81.7	86.3	89.8	91.7	92.9	93.7	95.0	95.4	95.9	96.1	96.1	96.6	96.6	96.7	96.7
IV 300	10.6	81.8	86.5	90.1	92.1	93.3	94.2	96.0	96.7	97.2	97.6	97.8	98.1	98.2	98.5	98.5
IV 200	10.6	81.8	86.5	90.1	92.1	93.3	94.2	96.0	96.7	97.2	97.6	97.8	98.1	98.3	98.6	98.6
IV 100	10.6	81.8	86.5	90.1	92.1	93.3	94.2	96.0	96.8	97.3	97.8	97.9	98.3	99.1	99.4	99.8
IV 0	10.6	81.8	86.5	90.1	92.1	93.3	94.2	96.0	96.8	97.3	97.8	97.9	98.3	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13713 SEYMOUR-JOHNSON AFB NC

58-73, 73-79

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1607-0877
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.2	≥.15	≥.1	≥.05	≥.0
NO CEILING	7.7	54.7	56.7	57.7	59.5	59.5	59.5	59.9	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
IV 20000	8.2	57.3	59.7	61.6	62.4	62.5	62.5	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 18000	8.2	57.4	60.2	61.1	62.9	63.3	63.3	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
IV 16000	8.3	57.9	60.8	61.7	63.5	63.6	63.6	63.9	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
IV 14000	8.3	59.2	62.1	63.0	64.8	64.9	64.9	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
IV 12000	8.6	60.0	63.3	63.9	65.7	65.8	65.8	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
IV 10000	8.6	62.3	65.5	66.5	68.3	68.4	68.4	68.8	69.7	69.3	69.7	69.3	69.3	69.3	69.3	69.3
IV 9000	8.6	62.4	65.6	66.7	68.4	68.6	68.6	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
IV 8000	8.9	66.3	69.5	71.7	72.6	72.7	72.7	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
IV 7000	8.9	66.9	72.4	71.8	73.5	73.6	73.6	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IV 6000	9.0	68.4	72.3	73.2	75.2	75.3	75.4	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
IV 5000	9.1	70.3	73.9	75.1	77.3	77.4	77.5	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IV 4500	9.2	71.4	75.2	76.4	78.6	78.7	78.8	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 4000	9.3	72.5	76.6	77.9	80.3	80.4	80.6	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 3500	9.3	73.2	77.4	78.7	81.1	81.2	81.4	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV 3000	9.3	73.6	77.9	79.4	82.0	82.2	82.4	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 2500	9.3	74.7	79.1	80.7	83.3	83.5	83.7	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 2000	9.3	75.9	80.5	82.3	85.0	85.1	85.3	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 1800	9.3	76.1	80.7	82.5	85.6	85.7	86.1	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 1500	9.3	76.5	81.2	83.2	86.3	86.4	86.8	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 1200	9.3	77.2	81.9	83.9	87.0	87.1	87.5	88.4	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 1000	9.3	77.7	82.5	84.8	87.8	87.9	88.4	89.2	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.8
IV 900	9.3	77.9	82.9	85.1	88.2	88.3	89.0	89.8	90.2	90.4	90.5	90.5	90.5	90.5	90.5	90.5
IV 800	9.3	77.9	83.0	85.3	88.5	88.8	89.5	90.7	91.0	91.4	91.5	91.5	91.5	91.6	91.7	91.7
IV 700	9.3	78.3	83.7	86.3	89.8	90.2	91.0	92.2	92.6	92.9	93.7	93.6	93.6	93.6	93.6	93.6
IV 600	9.3	78.6	84.2	86.8	90.4	90.8	91.6	92.8	93.1	93.5	93.6	93.6	93.6	93.9	94.0	94.0
IV 500	9.3	78.7	84.4	87.1	91.1	91.7	92.9	94.3	94.7	95.0	95.2	95.2	95.2	95.4	95.5	95.5
IV 400	9.3	78.8	84.6	87.4	91.6	92.3	93.6	95.3	95.9	96.3	96.6	96.6	96.6	96.8	97.0	97.0
IV 300	9.3	78.8	84.8	87.5	91.8	92.6	93.9	96.0	96.7	97.4	97.9	97.9	97.9	98.1	98.3	98.3
IV 200	9.3	78.8	84.8	87.6	92.0	92.8	94.1	96.3	97.3	97.9	98.3	98.3	98.3	98.7	99.1	99.3
IV 100	9.3	78.8	84.8	87.6	92.0	92.8	94.1	96.3	97.3	97.9	98.3	98.3	98.3	98.9	99.5	99.8
IV 0	9.3	78.8	84.8	87.6	92.0	92.8	94.1	96.3	97.3	98.0	98.5	98.5	98.5	98.9	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 645

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

..900-11.10
PERCENT

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.75	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1	
NO CEILING	10.3	56.4	57.7	57.1	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 20000	10.3	59.9	60.9	60.6	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
IV 18000	10.3	55.6	61.2	61.3	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
IV 16000	10.3	61.2	61.8	61.9	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
IV 14000	10.3	62.3	63.2	63.5	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
IV 12000	10.3	64.3	65.0	65.4	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
IV 10000	10.3	67.6	68.3	68.7	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
IV 9000	10.3	68.7	69.4	69.7	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
IV 8000	11.2	71.5	72.3	72.7	73.5	73.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 7000	11.2	72.8	73.9	74.2	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
IV 6000	11.3	73.9	74.9	75.3	76.5	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 5000	11.3	75.9	77.1	77.3	78.5	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 4500	11.3	76.8	77.9	78.3	79.4	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV 4000	11.5	75.4	79.4	79.8	81.0	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 3500	11.5	78.3	80.0	80.5	81.8	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IV 3000	11.5	79.8	81.0	81.4	82.9	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 2500	11.5	80.0	81.3	81.8	83.3	83.6	83.6	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 2000	11.5	81.2	82.5	83.0	84.6	84.9	85.1	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 1800	11.5	81.3	82.6	83.1	84.8	85.1	85.2	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 1600	11.5	82.2	83.6	84.2	85.8	86.4	86.8	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 1400	11.5	82.6	84.0	84.8	85.5	87.2	87.6	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 1200	11.8	83.1	84.5	85.3	87.1	87.9	88.3	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 1000	11.8	83.3	84.9	85.8	87.6	88.4	88.8	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 900	11.8	83.5	85.1	86.2	88.1	89.0	89.5	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 800	11.8	83.8	85.7	87.1	89.1	90.3	91.0	91.7	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 700	11.8	83.9	86.3	87.8	90.0	91.5	92.3	93.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 600	11.8	84.0	86.8	88.5	90.9	92.8	94.0	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 500	11.8	84.0	87.0	89.2	92.1	94.4	95.9	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 400	11.8	84.0	87.0	89.2	92.1	94.4	95.9	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 300	11.8	84.0	87.0	89.2	92.1	94.4	95.9	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 200	11.8	84.0	87.0	89.2	92.1	94.4	95.9	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 100	11.8	84.0	87.0	89.2	92.1	94.4	95.9	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 0	11.8	84.0	87.0	89.2	92.1	94.4	95.9	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6

TOTAL NUMBER OF OBSERVATIONS 846

USAF ETAC
 WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17713
 STATION

MOORE-JOHNSON AFB NC
 STATION NAME

68-70,73-79
 YEAR

FLR
 RANGE

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

127-140
 RANGE

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	11.6	56.3	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 20000	12.2	60.8	61.5	61.5	61.6	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 13000	12.2	61.3	62.1	62.1	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	12.3	61.9	62.4	62.5	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	12.8	63.6	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 12000	12.9	66.1	66.8	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
≥ 10000	13.1	68.0	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 9000	13.3	69.3	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 8000	13.4	72.1	72.8	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 7000	13.9	73.3	74.1	74.1	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 6000	13.8	74.9	75.7	75.7	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	13.7	76.5	77.3	77.3	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	13.8	77.0	77.8	77.8	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 4000	13.8	78.1	79.0	79.0	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 3500	13.8	79.3	80.1	80.1	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 3000	13.7	81.6	82.5	82.5	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 2500	13.7	82.3	83.7	83.8	85.2	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 2000	13.8	83.9	84.9	85.2	86.8	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1800	13.8	83.9	85.3	85.7	87.4	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1500	13.9	84.8	86.2	86.6	88.4	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1200	13.7	85.9	87.7	88.4	90.3	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1000	13.9	86.4	88.2	89.2	91.1	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 900	13.9	86.8	88.5	89.7	91.6	92.3	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 800	13.9	87.7	89.7	90.9	93.0	93.7	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 700	13.9	87.9	90.2	91.4	93.5	94.3	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 600	14.1	86.3	90.8	92.1	94.4	95.3	95.7	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 500	14.1	88.7	91.3	92.8	95.2	96.1	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 400	14.1	88.8	91.4	93.0	95.5	96.6	97.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 300	14.1	88.8	91.4	93.1	95.7	96.9	97.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 200	14.1	88.8	91.4	93.1	95.7	96.9	97.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 100	14.1	88.8	91.4	93.1	95.7	96.9	97.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 0	14.1	88.8	91.4	93.1	95.7	96.9	97.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 214 WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

18713 SEYMOUR-JOHNSON AFB T.C.

68-70, 73-74

FEB

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	≥2.5	≥2	≥1.5	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.15	≥.1
NO CEILING	11.3	56.2	58.3	58.4	59.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 20000	17.3	61.6	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
IV 3000	12.9	62.5	62.6	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
IV 17000	12.9	62.8	62.9	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 14000	12.9	64.7	64.8	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
IV 12000	13.1	66.4	66.5	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
IV 10000	13.1	68.4	68.5	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 9000	13.1	69.9	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
IV 8000	13.1	73.2	73.3	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
IV 7000	13.5	75.2	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	75.7
IV 6000	13.6	76.7	76.8	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 5000	13.6	78.3	78.4	78.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 4500	13.6	78.5	78.6	78.8	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
IV 4000	13.7	80.5	80.6	80.9	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 3500	13.7	81.9	82.0	82.3	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IV 3000	13.7	83.6	83.8	84.2	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 2500	13.7	84.9	85.3	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 2000	13.7	86.3	86.9	88.1	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 1800	13.7	86.4	87.0	88.2	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 1500	14.1	87.2	87.8	89.2	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IV 1200	14.1	88.2	88.8	90.2	91.4	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 1000	14.1	88.7	89.2	90.7	91.8	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 900	14.1	88.8	89.4	90.8	92.0	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 800	14.1	89.1	90.0	91.4	92.7	93.7	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 700	14.1	89.4	90.2	91.6	93.3	94.4	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 600	14.1	90.0	90.9	92.4	94.2	95.4	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 500	14.1	90.1	91.3	92.8	94.6	95.9	96.5	96.6	96.8	97.0	97.3	97.3	97.3	97.3	97.3	97.3
IV 400	14.1	90.3	91.5	93.3	95.2	96.5	97.0	97.5	97.8	98.0	98.2	98.2	98.2	98.2	98.2	98.2
IV 300	14.1	90.3	91.6	93.5	95.4	96.7	97.3	98.1	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8
IV 200	14.1	90.3	91.6	93.5	95.4	96.7	97.3	98.1	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8
IV 100	14.1	90.3	91.6	93.5	95.4	96.7	97.3	98.1	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8
IV 0	14.1	90.3	91.6	93.5	95.4	96.7	97.3	98.1	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17713

SEYMOUR-JOHNSON AFB NC

63-70,73-79

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1877-2 JCL
NOV 1957

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.7	≥.6	≥.5	≥.4	≥.3	
NO CEILING	11.4	61.3	61.7	62.1	62.2	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥20000	11.5	64.4	64.8	65.1	65.4	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥18000	11.5	64.8	65.1	65.5	65.7	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥16000	11.6	65.2	65.6	66.0	66.2	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥14000	11.6	66.5	67.1	67.5	67.7	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥12000	11.6	67.5	68.1	68.4	68.7	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥10000	12.1	69.7	70.3	70.7	70.9	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥9000	12.1	71.2	71.9	72.2	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
≥8000	12.4	73.8	74.5	74.8	75.1	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥7000	12.5	74.8	75.5	75.9	76.1	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥6000	12.5	76.5	77.2	77.5	77.8	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥5000	12.6	78.3	79.0	79.3	79.6	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥4500	12.8	79.0	79.7	80.0	80.4	80.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥4000	12.9	81.7	82.4	82.7	83.1	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥3500	12.9	82.4	83.3	84.0	84.4	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥3000	12.9	83.0	84.0	84.9	85.6	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥2500	12.9	83.6	85.6	86.4	87.1	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥2000	12.9	84.8	87.3	88.1	88.9	89.0	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥1800	12.9	84.9	87.1	88.2	89.0	89.1	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥1500	12.9	85.1	87.5	88.5	89.4	89.5	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥1200	12.9	85.6	88.2	89.2	90.3	90.5	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥1000	13.0	86.1	89.0	90.2	91.3	91.5	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥900	13.0	86.2	89.1	90.3	91.6	91.8	92.3	92.4	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥800	13.0	86.3	89.2	90.7	92.1	92.3	92.9	93.3	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥700	13.0	86.6	89.6	91.0	92.7	93.1	94.0	94.4	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥600	13.0	87.0	90.0	91.4	93.4	93.9	94.7	95.3	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥500	13.0	87.2	90.4	91.8	94.0	94.4	95.4	96.2	96.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥400	13.0	87.2	90.4	92.0	94.4	95.1	96.1	96.9	97.4	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥300	13.0	87.2	90.4	92.0	94.6	95.3	96.5	97.5	98.2	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥200	13.0	87.2	90.4	92.0	94.7	95.4	96.7	97.9	98.6	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥100	13.0	87.2	90.4	92.0	94.7	95.4	96.7	97.9	98.6	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥0	13.0	87.2	90.4	92.0	94.7	95.4	96.7	97.9	98.6	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 646

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

19713 SEYMOUR-JOHNSON AFB NC

68-70, 73-79

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2130-2300
HOURS (LT)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	9.7	62.2	62.4	63.2	63.7	63.2	63.2	63.2	63.2	63.2	63.4	63.4	63.4	63.5	63.6	63.6
≥2000	10.3	64.4	64.7	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.6	65.6	65.6	65.7	65.7	65.8
IV 18000	10.4	64.5	64.8	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.8	65.8	65.8
IV 16000	10.4	65.7	65.7	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.2	66.2	66.2	66.3	66.4	66.4
IV 14000	10.4	65.7	66.0	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.9	66.9	66.9	67.0	67.1	67.1
IV 12000	11.1	66.9	67.1	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.2	68.3	68.3
IV 10000	11.2	68.6	69.1	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.2	70.3	70.3
IV 9000	11.2	69.6	70.0	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.9	70.9	70.9	71.0	71.2	71.2
IV 8000	11.2	71.9	72.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.3	73.3	73.3	73.4	73.5	73.5
IV 7000	11.3	73.2	73.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.7	74.8	74.8
IV 6000	11.6	75.7	76.7	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.6	77.6	77.6	77.7	77.7	77.7
IV 5000	11.9	73.3	78.0	79.9	80.0	80.0	80.3	80.4	80.4	80.4	80.5	80.5	80.5	80.6	80.7	80.7
IV 4500	11.9	79.0	79.3	80.6	80.7	80.7	81.0	81.1	81.1	81.1	81.2	81.2	81.2	81.3	81.4	81.4
IV 4000	11.9	80.3	80.6	81.9	82.0	82.0	82.4	82.5	82.5	82.5	82.6	82.6	82.6	82.7	82.9	82.9
IV 3500	11.9	81.6	82.5	83.5	83.6	83.6	83.9	84.2	84.2	84.2	84.3	84.3	84.3	84.4	84.5	84.5
IV 3000	12.3	82.5	83.1	84.5	84.6	84.6	85.0	85.2	85.2	85.2	85.3	85.3	85.3	85.5	85.6	85.6
IV 2500	12.3	83.5	84.7	85.5	85.6	85.6	85.9	86.2	86.2	86.2	86.3	86.3	86.3	86.4	86.5	86.5
IV 2000	12.3	84.4	85.1	86.5	86.8	86.8	87.5	87.7	87.7	87.7	87.8	87.8	87.8	87.9	88.1	88.1
IV 1800	12.3	84.5	85.2	86.6	86.9	86.9	87.6	87.8	87.8	87.8	87.8	87.9	87.9	87.9	88.0	88.3
IV 1500	12.4	85.2	85.9	87.5	87.7	87.8	88.5	88.8	88.8	88.8	88.9	88.9	88.9	89.1	89.4	89.4
IV 1200	12.6	85.6	86.4	87.9	88.2	88.4	89.1	89.4	89.4	89.4	89.5	89.5	89.5	89.7	90.0	90.0
IV 1000	12.6	85.9	87.1	88.9	89.4	89.7	90.7	90.7	90.7	90.7	90.8	90.8	90.8	91.0	91.3	91.3
IV 900	12.6	86.1	87.5	89.4	90.3	90.8	91.7	92.1	92.1	92.1	92.2	92.2	92.2	92.4	92.7	92.7
IV 800	12.6	86.5	87.7	89.8	90.9	91.4	92.3	92.9	92.9	92.9	93.0	93.0	93.0	93.3	93.5	93.5
IV 700	12.6	86.6	87.9	90.2	91.4	92.1	93.1	93.9	93.9	93.9	94.0	94.0	94.0	94.2	94.4	94.4
IV 600	12.6	86.9	88.3	90.5	92.1	92.9	94.2	94.9	94.9	95.0	95.2	95.2	95.2	95.4	95.6	95.6
IV 500	12.6	87.0	88.5	91.1	93.0	94.0	95.4	96.1	96.1	96.2	96.3	96.3	96.3	96.6	96.8	96.8
IV 400	12.6	87.1	88.7	91.3	93.5	94.6	96.1	97.2	97.2	97.4	97.5	97.5	97.5	97.8	98.0	98.0
IV 300	12.6	87.1	88.7	91.3	93.5	94.7	96.2	97.6	97.8	98.1	98.3	98.3	98.3	98.6	98.8	98.8
IV 200	12.6	87.1	88.7	91.3	93.6	95.0	96.6	98.1	98.2	98.6	98.8	98.8	98.8	99.1	99.3	99.3
IV 100	12.6	87.1	88.7	91.3	93.6	95.2	96.8	98.3	98.5	98.8	99.1	99.1	99.1	99.3	99.5	99.6
IV 0	12.6	87.1	88.7	91.3	93.6	95.2	96.8	98.3	98.5	98.8	99.1	99.1	99.1	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13713
STATION

EYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS 1ST

CEILING (FEET)	VISIBILITY - STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2.7	≥2	≥1.7	≥1.4	≥1	≥.7	≥.5	≥.3	≥.16	≥.1	≥0	
NO CEILING	9.9	56.1	59.3	59.6	60.1	60.1	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.4	60.4
≥ 20000	10.4	61.0	62.0	62.6	63.1	63.1	63.1	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.4	63.4
IV 18000	10.5	61.5	62.5	63.1	63.5	63.5	63.6	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.9	63.9
IV 16000	10.6	62.0	63.0	63.6	64.1	64.1	64.1	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.4	64.4	64.4
IV 14000	10.7	63.3	64.3	64.9	65.4	65.4	65.5	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7
IV 12000	10.9	64.7	65.8	66.4	66.9	66.9	67.7	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2
IV 10000	11.2	67.1	68.7	68.9	69.4	69.4	69.5	69.5	69.6	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7
IV 9000	11.2	68.0	69.1	69.8	70.2	70.3	70.3	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.6	70.6	70.6
IV 8000	11.4	70.5	71.9	72.7	73.2	73.2	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.5
IV 7000	11.6	72.1	73.4	74.1	74.7	74.7	74.8	74.9	74.9	74.9	75.7	75.7	75.7	75.7	75.7	75.7	75.7
IV 6000	11.7	73.6	74.9	75.6	76.2	76.3	76.3	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.6	76.6	76.6
IV 5000	11.7	75.7	76.9	77.7	78.4	78.5	78.5	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 4500	11.8	76.5	77.8	78.6	79.3	79.4	79.5	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8
IV 4000	11.9	78.0	79.4	80.3	81.0	81.1	81.2	81.3	81.4	81.4	81.5	81.5	81.5	81.5	81.6	81.6	81.6
IV 3500	11.8	78.9	80.5	81.4	82.2	82.3	82.4	82.6	82.6	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8
IV 3000	11.9	80.7	81.6	82.6	83.6	83.6	83.8	84.2	84.0	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2
IV 2500	11.9	80.9	82.7	83.8	84.8	84.9	85.0	85.3	85.3	85.3	85.4	85.4	85.4	85.5	85.5	85.5	85.5
IV 2000	12.0	82.1	84.1	85.3	86.4	86.5	86.8	87.0	87.1	87.1	87.2	87.2	87.3	87.3	87.4	87.4	87.4
IV 1800	12.0	82.3	84.3	85.5	86.7	86.8	87.0	87.3	87.4	87.4	87.5	87.5	87.5	87.6	87.6	87.6	87.6
IV 1500	12.1	82.9	84.9	86.3	87.5	87.7	88.0	88.3	88.4	88.4	88.5	88.5	88.5	88.6	88.7	88.7	88.7
IV 1200	12.1	83.7	85.9	87.3	88.7	89.0	89.3	89.6	89.7	89.7	89.8	89.8	89.9	90.0	90.0	90.0	90.0
IV 1000	12.1	84.1	86.5	88.1	89.5	89.8	90.2	90.6	90.6	90.7	90.9	90.9	90.9	91.0	91.1	91.1	91.1
IV 900	12.1	84.4	86.8	88.5	90.0	90.4	90.8	91.2	91.3	91.4	91.6	91.7	91.7	91.8	91.9	91.9	91.9
IV 800	12.1	84.7	87.3	89.1	90.7	91.2	91.7	92.2	92.4	92.5	92.7	92.8	92.8	93.0	93.1	93.1	93.1
IV 700	12.1	84.9	87.7	89.6	91.4	92.1	92.6	93.2	93.4	93.5	93.8	93.8	93.9	94.0	94.2	94.2	94.2
IV 600	12.1	85.3	88.3	90.2	92.2	93.0	93.7	94.4	94.5	94.7	94.9	95.0	95.1	95.3	95.4	95.4	95.4
IV 500	12.1	85.5	88.6	90.7	92.9	93.8	94.7	95.6	95.8	96.0	96.2	96.3	96.4	96.6	96.7	96.7	96.7
IV 400	12.1	85.6	88.7	91.0	93.3	94.4	95.4	96.5	96.7	96.9	97.2	97.3	97.4	97.6	97.8	97.8	97.8
IV 300	12.1	85.8	88.8	91.1	93.5	94.7	95.8	97.1	97.6	97.9	98.3	98.4	98.5	98.7	99.0	99.1	99.1
IV 200	12.1	85.6	88.8	91.1	93.6	94.8	95.9	97.3	97.8	98.1	98.5	98.6	98.7	99.0	99.4	99.4	99.4
IV 100	12.1	85.8	88.8	91.1	93.6	94.9	96.0	97.3	97.8	98.2	98.6	98.7	98.9	99.3	99.6	99.6	99.6
IV 0	12.1	85.6	88.8	91.1	93.6	94.9	96.0	97.3	97.8	98.2	98.6	98.7	98.9	99.3	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6768

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/4AC

CEILING VERSUS VISIBILITY

10713 SEYMOUR-JOHNSON AFB NC 69-77,73-79 MAY 1969

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

000-0200
 HOURS (EST)

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1	
NO CEILING	5.6	58.4	59.7	60.1	60.2	60.3	60.5	60.5	60.8	60.9	60.9	60.9	60.9	61.1	61.2	61.3	61.3
≥ 20000	9.0	61.8	63.1	63.5	63.7	63.8	64.0	64.0	64.2	64.3	64.3	64.3	64.3	64.5	64.6	64.7	64.8
IV 18000	9.1	61.9	63.2	63.7	63.8	63.9	64.1	64.1	64.3	64.4	64.4	64.4	64.5	64.7	64.7	64.8	64.9
IV 16000	9.2	62.4	63.7	64.1	64.2	64.3	64.5	64.5	64.7	64.8	64.8	64.8	64.9	65.1	65.2	65.3	65.4
IV 14000	9.3	63.5	65.3	65.7	65.8	65.9	66.1	66.1	66.3	66.5	66.5	66.5	66.6	66.7	66.8	66.9	67.0
IV 12000	9.8	64.8	66.3	66.8	66.9	67.0	67.2	67.2	67.4	67.5	67.5	67.5	67.6	67.7	67.8	68.0	68.1
IV 10000	9.8	67.5	69.2	69.7	69.8	69.9	70.1	70.1	70.3	70.4	70.4	70.6	70.8	70.8	70.9	71.0	71.1
IV 9000	9.8	67.8	69.6	70.0	70.1	70.2	70.4	70.4	70.6	70.8	70.8	70.9	71.0	71.0	71.1	71.2	71.3
IV 8000	9.9	69.5	71.3	71.7	71.8	71.9	72.2	72.2	72.4	72.5	72.5	72.5	72.5	72.7	72.8	72.9	73.0
IV 7000	10.1	71.7	72.8	73.4	73.5	73.7	73.9	73.9	74.1	74.2	74.2	74.2	74.2	74.4	74.5	74.6	74.7
IV 6000	10.1	72.4	74.2	74.8	74.9	75.1	75.3	75.3	75.5	75.6	75.6	75.6	75.6	75.8	75.9	76.0	76.1
IV 5000	10.1	75.2	77.1	77.6	77.7	77.8	78.1	78.1	78.3	78.4	78.4	78.4	78.4	78.5	78.7	78.8	78.9
IV 4500	10.2	75.6	77.4	78.2	78.3	78.4	78.6	78.6	78.8	78.9	78.9	78.9	78.9	79.1	79.2	79.4	79.5
IV 4000	10.2	76.8	78.9	79.7	79.8	79.9	80.1	80.1	80.3	80.4	80.4	80.4	80.4	80.6	80.8	80.9	81.0
IV 3500	10.2	77.2	79.8	80.8	80.9	81.0	81.2	81.2	81.4	81.5	81.5	81.5	81.5	81.7	81.8	81.9	82.0
IV 3000	10.3	78.0	80.6	81.8	82.3	82.4	82.6	82.6	82.8	82.9	82.9	82.9	82.9	83.1	83.2	83.3	83.4
IV 2500	10.3	78.9	81.7	82.9	83.3	83.5	83.8	83.8	84.0	84.1	84.1	84.1	84.1	84.3	84.4	84.5	84.6
IV 2000	10.5	79.5	82.7	83.9	84.4	84.6	84.8	84.8	85.1	85.2	85.2	85.2	85.2	85.4	85.5	85.6	85.7
IV 1800	10.5	79.5	82.7	83.9	84.4	84.6	84.8	84.8	85.1	85.2	85.2	85.2	85.2	85.4	85.5	85.6	85.7
IV 1500	10.8	80.3	83.8	85.1	85.6	85.9	86.1	86.1	86.3	86.5	86.5	86.5	86.5	86.7	86.8	86.9	87.0
IV 1200	10.8	80.9	84.4	85.9	86.6	86.9	87.1	87.1	87.3	87.4	87.4	87.4	87.4	87.6	87.7	87.8	88.0
IV 1000	10.8	81.5	85.4	87.0	87.6	88.0	88.2	88.2	88.4	88.5	88.5	88.5	88.5	88.7	88.8	88.9	89.0
IV 900	10.9	81.7	85.7	87.3	88.1	88.6	88.8	88.8	89.1	89.2	89.2	89.2	89.2	89.5	89.6	89.7	89.8
IV 800	10.9	82.2	86.2	88.0	88.7	89.4	90.0	90.0	90.3	90.4	90.4	90.4	90.4	90.6	90.8	90.9	91.0
IV 700	10.9	82.4	86.6	88.3	89.4	90.0	90.8	90.8	91.2	91.3	91.3	91.3	91.3	91.5	91.6	91.7	91.8
IV 600	10.9	82.8	87.0	88.8	89.9	90.5	91.6	91.8	92.3	92.4	92.4	92.4	92.4	92.6	92.7	92.8	92.9
IV 500	10.9	82.9	87.2	89.2	90.5	91.3	92.5	92.9	93.3	93.4	93.4	93.4	93.4	93.7	93.8	93.9	94.0
IV 400	10.9	82.9	87.3	89.8	91.1	92.2	94.2	95.2	95.6	95.7	95.7	95.7	95.7	95.9	96.0	96.1	96.2
IV 300	10.9	83.0	87.4	89.9	91.3	92.5	94.9	96.0	96.5	96.7	96.7	96.7	96.7	97.0	97.1	97.2	97.3
IV 200	10.9	83.0	87.4	89.9	91.3	92.5	95.3	96.5	97.3	97.5	97.5	97.5	97.5	97.7	97.8	98.2	98.3
IV 100	10.9	83.0	87.4	89.9	91.3	92.5	95.3	96.7	97.5	97.8	97.8	97.8	97.8	98.1	98.2	98.7	98.8
IV 0	10.9	83.0	87.4	89.9	91.3	92.5	95.3	96.7	97.5	97.8	97.8	97.8	97.8	98.1	98.2	98.7	98.9

TOTAL NUMBER OF OBSERVATIONS 937

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

56-70, 73-79
YEARS

MAP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

300-0500
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	6.9	52.8	55.5	56.5	57.1	57.1	57.1	57.3	57.4	57.6	57.8	57.8	58.1	58.1	58.1	58.1
≥ 20000	7.3	56.9	59.6	61.8	61.5	61.5	61.5	61.7	61.8	62.2	62.4	62.4	62.6	62.7	62.7	62.8
IV 18000	7.5	57.6	60.5	61.5	62.3	62.3	62.3	62.5	62.6	62.9	63.2	63.2	63.4	63.5	63.5	63.7
IV 16000	7.6	58.7	60.6	61.8	62.6	62.6	62.6	62.8	62.9	63.2	63.5	63.5	63.8	63.9	63.9	64.0
IV 14000	8.1	58.5	61.2	62.4	63.1	63.1	63.1	63.3	63.4	63.8	64.1	64.1	64.3	64.4	64.4	64.5
IV 12000	8.1	59.0	61.7	62.9	63.7	63.7	63.7	63.9	64.1	64.3	64.5	64.6	64.8	64.9	64.9	65.1
IV 10000	8.1	61.3	64.4	65.6	66.3	66.3	66.3	66.6	66.7	67.0	67.3	67.3	67.5	67.6	67.6	67.7
IV 9000	8.1	61.5	64.5	65.8	66.6	66.6	66.6	66.8	66.9	67.2	67.5	67.5	67.7	67.8	67.8	68.0
IV 8000	8.2	62.9	66.1	67.2	68.0	68.0	68.0	68.2	68.3	68.6	68.9	68.9	69.1	69.2	69.4	69.4
IV 7000	8.3	63.9	67.7	68.2	68.9	68.9	68.9	69.1	69.2	69.6	69.9	69.9	70.1	70.2	70.2	70.3
IV 6000	8.3	64.3	67.4	68.6	69.4	69.5	69.5	69.7	69.8	70.1	70.4	70.4	70.6	70.8	70.8	70.9
IV 5000	8.3	65.7	69.4	70.6	71.8	71.9	71.9	72.2	72.3	72.6	72.9	72.9	73.1	73.2	73.2	73.3
IV 4500	8.4	66.8	70.4	71.7	72.9	73.0	73.0	73.2	73.3	73.7	74.0	74.0	74.2	74.3	74.3	74.4
IV 4000	8.6	68.3	72.7	74.2	75.5	75.6	75.6	75.8	75.9	76.2	76.5	76.6	76.8	76.9	76.9	77.0
IV 3500	8.6	68.8	73.3	74.8	76.1	76.2	76.2	76.5	76.6	76.9	77.2	77.2	77.4	77.5	77.5	77.6
IV 3000	8.6	70.0	74.5	76.2	77.5	77.6	77.6	77.8	78.0	78.3	78.6	78.6	78.8	78.9	78.9	79.0
IV 2500	8.8	71.2	75.9	77.7	79.0	79.1	79.1	79.4	79.5	79.8	80.1	80.1	80.3	80.4	80.5	80.5
IV 2000	8.8	71.4	76.6	78.5	80.0	80.1	80.2	80.4	80.5	80.9	81.2	81.2	81.4	81.5	81.5	81.6
IV 1800	8.8	71.9	76.9	78.8	80.3	80.4	80.5	80.8	80.9	81.2	81.5	81.5	81.7	81.8	81.8	81.9
IV 1500	8.8	72.6	77.6	79.8	81.3	81.4	81.6	81.8	81.9	82.3	82.7	82.7	82.9	83.0	83.0	83.1
IV 1200	8.8	73.8	79.1	81.7	83.5	83.7	84.0	84.3	84.4	84.8	85.3	85.3	85.5	85.6	85.6	85.7
IV 1000	8.9	74.0	79.5	82.0	83.9	84.1	84.4	84.8	84.9	85.4	85.8	85.8	86.0	86.1	86.1	86.2
IV 900	8.9	74.4	80.0	82.7	84.6	84.9	85.3	85.7	85.8	86.2	86.7	86.7	86.9	87.0	87.0	87.1
IV 800	8.9	74.7	80.4	83.1	85.2	85.7	86.1	86.6	86.7	87.1	87.5	87.5	87.7	87.8	87.8	88.0
IV 700	8.9	74.8	80.8	83.5	85.9	86.6	87.0	87.4	87.5	88.0	88.4	88.4	88.6	88.7	88.7	88.8
IV 600	8.9	74.8	80.8	84.0	86.7	87.3	87.7	88.3	88.4	89.0	89.5	89.5	89.7	89.8	89.8	89.9
IV 500	8.9	75.4	81.4	84.6	87.4	88.4	89.5	90.1	90.3	91.0	91.4	91.4	91.6	91.7	91.7	91.9
IV 400	8.9	75.5	81.5	84.9	88.0	89.0	91.2	91.9	92.2	92.9	93.7	93.3	93.5	93.7	93.7	93.9
IV 300	8.9	75.9	81.9	85.1	88.3	89.7	92.5	93.8	94.0	94.7	95.2	95.2	95.4	95.5	95.5	95.7
IV 200	8.9	75.9	81.9	85.2	88.4	89.9	92.7	94.5	94.9	96.0	96.6	96.6	96.8	96.9	97.2	97.5
IV 100	8.9	75.9	81.9	85.2	88.4	89.9	92.7	94.5	94.9	96.0	96.6	96.6	96.8	97.6	98.7	99.5
IV 0	8.9	75.9	81.5	85.2	88.4	89.9	92.7	94.5	94.9	96.0	97.1	97.1	97.4	97.7	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13713
STATION

SEYHOUR-JOHNSON AFB AC
STATION NAME

66-70, 73-79
YEARS

MAP
FORM

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-0500
HOURS UTC

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	4.9	45.5	46.3	49.6	57.3	50.5	50.9	51.1	51.3	51.4	51.5	51.5	51.5	51.6	51.6	51.3
IV 20000	5.4	48.4	51.5	52.9	53.9	54.7	54.3	54.9	54.8	54.9	55.1	55.1	55.1	55.2	55.2	55.5
IV 18000	5.4	48.8	51.9	53.3	54.2	54.4	54.7	54.9	55.3	55.5	55.5	55.6	55.6	55.6	55.7	56.1
IV 16000	5.4	49.1	52.3	53.7	54.5	54.7	55.1	55.3	55.6	55.8	55.9	55.9	55.9	56.1	56.1	56.5
IV 14000	5.7	50.4	53.5	54.9	55.9	56.1	56.5	56.7	57.7	57.2	57.3	57.3	57.3	57.4	57.5	57.8
IV 12000	6.5	53.5	56.7	56.1	59.0	59.2	59.6	59.8	60.1	60.3	60.4	60.4	60.4	60.5	60.6	61.0
IV 10000	6.6	56.2	59.4	63.8	61.9	62.2	62.5	62.7	63.0	63.2	63.3	63.3	63.3	63.4	63.5	63.9
IV 9000	6.6	56.8	59.9	61.4	62.6	62.9	63.2	63.4	63.8	64.0	64.1	64.1	64.1	64.2	64.3	64.6
IV 8000	6.6	59.1	62.3	63.8	64.9	65.3	65.6	65.8	66.2	66.5	66.6	66.6	66.6	66.7	66.8	67.1
IV 7000	6.6	60.7	63.1	64.6	65.8	66.1	66.5	66.7	67.1	67.3	67.4	67.4	67.4	67.5	67.6	68.0
IV 6000	6.7	60.8	63.9	65.4	66.8	66.9	67.2	67.5	68.0	68.2	68.3	68.3	68.3	68.4	68.5	68.8
IV 5000	6.8	61.9	65.6	67.3	68.6	68.9	69.2	69.6	70.0	70.2	70.3	70.3	70.3	70.4	70.5	70.9
IV 4500	7.1	62.6	66.5	68.2	69.5	69.8	70.1	70.4	70.9	71.1	71.2	71.2	71.2	71.3	71.4	71.7
IV 4000	7.1	63.5	67.4	69.2	70.8	71.1	71.4	71.7	72.2	72.4	72.5	72.5	72.5	72.6	72.7	73.0
IV 3500	7.2	64.2	68.1	70.2	71.9	72.4	72.7	73.0	73.4	73.7	73.8	73.8	73.8	73.9	74.0	74.3
IV 3000	7.3	65.1	69.4	71.8	73.5	74.0	74.3	74.6	75.1	75.3	75.5	75.5	75.5	75.6	75.7	76.1
IV 2500	7.3	65.9	70.4	73.1	74.9	75.5	75.8	76.1	76.6	76.8	77.0	77.0	77.0	77.1	77.2	77.5
IV 2000	7.3	66.2	70.9	73.7	75.5	76.2	76.6	76.9	77.3	77.5	77.7	77.7	77.7	77.8	78.0	78.3
IV 1800	7.3	67.2	71.8	74.8	76.7	77.4	77.7	78.1	78.5	78.7	78.9	78.9	78.9	79.0	79.1	79.5
IV 1500	7.3	68.1	72.9	75.9	77.7	78.5	78.9	79.2	79.7	79.9	80.1	80.1	80.1	80.2	80.3	80.6
IV 1200	7.6	69.8	75.3	78.3	81.1	80.9	81.3	81.7	82.2	82.4	82.6	82.6	82.7	82.8	82.9	83.3
IV 1000	7.7	70.4	76.0	79.1	81.0	81.7	82.2	82.6	83.1	83.3	83.5	83.5	83.8	83.9	84.0	84.4
IV 900	8.0	71.1	76.7	79.9	81.7	82.5	82.9	83.4	84.0	84.2	84.4	84.4	84.6	84.7	84.8	85.3
IV 800	8.0	71.5	77.1	80.3	82.2	82.9	83.3	83.9	84.4	84.6	84.8	84.8	85.1	85.2	85.4	85.8
IV 700	8.0	71.7	77.5	81.0	83.0	83.8	84.2	84.7	85.3	85.5	85.7	85.7	85.9	86.0	86.2	86.7
IV 600	8.0	72.2	78.0	81.5	84.0	84.8	85.3	85.9	86.5	86.7	86.9	86.9	87.3	87.4	87.6	88.1
IV 500	8.0	72.9	78.6	82.4	85.1	86.2	86.8	87.6	88.3	88.6	88.8	88.8	89.2	89.4	89.6	90.0
IV 400	8.1	72.7	79.7	83.1	86.0	87.3	88.4	89.6	90.3	90.6	91.1	91.1	91.5	91.6	91.8	92.3
IV 300	8.1	72.7	79.7	83.1	86.2	87.5	88.8	90.1	91.0	91.6	92.3	92.4	92.9	93.1	93.5	94.4
IV 200	8.1	72.7	79.7	83.1	86.3	87.6	89.0	90.9	92.0	92.8	93.7	93.9	94.9	95.5	96.0	97.2
IV 100	8.1	72.7	79.7	83.1	86.3	87.6	89.0	91.0	92.3	93.0	94.1	94.3	95.7	96.6	97.8	99.4
IV 0	8.1	72.7	79.7	83.1	86.3	87.6	89.0	91.0	92.3	93.0	94.1	94.3	95.7	96.6	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 937

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1973 STATION SEYMOUR-JOHNSON AFB NC

68-73, 73-79 YEARS

MAP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1907-1100 HOURS EST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1.5	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥0
NO CEILING	7.3	54.5	54.9	55.2	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 20000	7.8	58.2	58.6	58.8	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
IV 18000	8.1	58.6	59.1	59.2	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
IV 16000	8.1	58.6	59.1	59.2	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
IV 14000	8.3	59.4	59.8	60.0	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
IV 12000	8.3	61.3	61.7	61.9	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
IV 10000	8.9	64.3	64.7	64.9	65.0	65.4	65.4	65.4	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.5
IV 7000	9.1	65.2	65.5	65.8	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3
IV 8000	9.1	67.5	68.1	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8
IV 7000	9.1	66.2	68.8	69.1	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7
IV 6000	9.4	68.8	69.5	69.8	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3
IV 5000	9.3	69.7	70.4	70.8	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4
IV 4500	9.8	70.5	71.3	71.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3
IV 4000	9.3	72.6	73.3	73.9	74.3	74.4	74.6	74.6	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7
IV 3500	9.9	73.3	74.1	74.6	75.1	75.2	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5
IV 3000	9.9	74.2	75.1	75.8	76.2	76.3	76.6	76.6	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7
IV 2500	7.9	74.6	75.5	76.5	76.9	77.0	77.2	77.2	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3
IV 2000	13.1	76.2	77.1	78.1	78.5	78.9	79.1	79.1	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2
IV 1800	10.1	76.7	77.5	78.5	78.9	79.4	79.6	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7
IV 1500	10.1	78.2	79.4	80.4	80.9	81.4	81.7	81.8	81.9	82.0	82.0	82.2	82.2	82.2	82.2	82.2
IV 1200	10.4	80.4	81.7	83.0	83.4	84.1	84.5	84.6	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9
IV 1000	10.6	81.1	82.6	84.0	84.5	85.3	85.7	85.8	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.1
IV 900	10.6	81.6	83.2	84.6	85.2	85.9	86.3	86.5	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8
IV 800	10.8	82.8	84.5	85.1	86.7	87.5	88.1	88.3	88.4	88.5	88.8	88.8	88.8	88.8	88.8	88.8
IV 700	10.8	83.1	84.9	85.7	87.5	88.4	89.0	89.4	89.5	89.6	89.9	89.9	89.9	89.9	89.9	89.9
IV 600	10.8	83.5	85.4	87.4	88.0	89.2	89.9	90.5	90.8	90.9	91.2	91.2	91.2	91.2	91.2	91.2
IV 500	10.8	84.0	85.9	88.3	89.7	90.5	91.4	92.5	92.6	92.8	93.1	93.1	93.1	93.1	93.1	93.1
IV 400	10.8	84.0	85.9	88.4	90.0	91.2	92.8	94.9	95.3	95.6	96.0	96.0	96.0	96.0	96.0	96.0
IV 300	10.8	84.0	85.9	88.4	90.0	91.3	93.2	95.8	96.6	97.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 200	10.8	84.0	85.9	88.4	90.0	91.3	93.3	96.1	96.9	98.3	99.5	99.5	99.5	99.5	99.5	99.5
IV 100	10.8	84.0	85.9	88.4	90.0	91.3	93.3	96.1	96.9	98.3	99.5	99.5	99.5	99.5	99.5	99.5
IV 0	10.8	84.0	85.9	88.4	90.0	91.3	93.3	96.1	96.9	98.3	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 939

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13713 SEYMOUR-JOHNSON AFB NC

63-70, 73-79

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	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	9.1	55.6	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
≥ 20000	10.0	60.4	60.4	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
IV 18000	10.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
IV 16000	10.1	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
IV 14000	10.1	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
IV 12000	10.2	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
IV 10000	10.4	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
IV 9000	11.3	68.2	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
IV 8000	11.4	70.9	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
IV 7000	11.4	71.5	71.5	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
IV 6000	11.4	71.9	72.3	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
IV 5000	11.5	72.6	72.9	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 4500	11.6	73.3	73.7	73.8	73.9	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
IV 4000	12.2	75.4	75.8	75.9	76.0	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
IV 3500	12.2	76.2	76.7	76.9	77.0	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 3000	12.5	78.1	78.6	78.8	79.2	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
IV 2500	12.7	80.3	81.1	81.3	81.6	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
IV 2000	13.0	82.2	83.1	83.3	83.9	84.2	84.2	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 1800	13.2	82.8	83.8	84.0	84.5	84.8	84.8	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 1500	13.2	83.0	84.7	85.2	85.9	86.2	86.7	86.3	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 1200	13.5	84.7	85.9	86.6	87.3	87.8	88.4	88.5	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 1000	13.5	86.0	87.3	88.0	88.8	89.4	89.9	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 900	13.5	86.6	87.8	88.5	89.4	89.9	90.4	90.6	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 800	13.7	87.7	89.4	90.0	91.0	91.6	92.4	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 700	13.7	88.1	90.1	90.8	92.4	93.1	94.0	94.2	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5
IV 500	13.7	88.6	90.8	91.5	93.5	94.5	95.6	96.0	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 300	13.7	89.0	91.2	92.0	94.2	95.3	97.0	97.8	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 400	13.7	89.0	91.4	92.4	94.5	95.9	97.8	99.0	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 300	13.7	89.0	91.4	92.4	94.5	95.9	98.0	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	13.7	89.0	91.4	92.4	94.5	95.9	98.0	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	13.7	89.0	91.4	92.4	94.5	95.9	98.0	99.2	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	13.7	89.0	91.4	92.4	94.5	95.9	98.0	99.2	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 938

1503

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AWP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17713 SEYMOUR-JOHNSON AFB NC

58-7C, 73-79

MAP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
 HOURS (LT)

CEILING -FEET-	VISIBILITY STATUTE MILES															
	≥ 0	≥ 0	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1.6	≥ 1	≥ 0
NO CEILING	9.1	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	57.2	57.2
≥ 2000	9.7	62.2	62.2	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
≥ 18000	9.3	63.1	63.1	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
≥ 16000	9.9	63.4	63.4	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 14000	10.1	64.0	64.0	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
≥ 12000	10.1	65.9	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	10.4	68.3	68.3	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
≥ 9000	10.6	69.2	69.2	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
≥ 8000	10.9	72.2	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 7000	11.1	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	74.0	74.0
≥ 6000	11.1	74.3	74.4	74.7	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 5000	11.2	76.0	76.1	76.7	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 4500	11.4	77.4	77.6	78.3	78.5	78.5	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 4000	11.6	79.6	79.9	80.6	80.9	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 3500	11.9	80.9	81.4	82.4	82.6	82.6	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 3000	12.2	82.4	83.3	84.4	84.6	84.6	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 2500	12.3	84.3	85.4	86.5	86.7	86.7	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 2000	12.6	86.5	87.5	88.6	88.9	88.9	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1800	12.7	88.8	88.8	89.0	89.5	89.5	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1500	12.7	87.6	89.7	90.4	91.1	91.2	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1200	12.7	88.7	90.2	91.6	92.3	92.4	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1000	12.7	89.0	90.6	92.0	92.8	92.9	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 900	12.7	89.0	90.9	92.4	93.1	93.2	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 800	12.7	89.7	91.6	93.4	94.5	94.4	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 700	12.7	89.7	91.7	93.7	95.1	95.8	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 600	12.7	89.9	92.0	94.1	95.5	96.3	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 500	12.7	90.0	92.2	94.3	96.0	97.2	98.1	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 400	12.7	90.0	92.2	94.3	96.0	97.2	98.2	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 300	12.7	90.0	92.3	94.4	96.1	97.3	98.3	99.2	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	12.7	90.0	92.3	94.4	96.1	97.3	98.3	99.2	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	12.7	90.0	92.3	94.4	96.1	97.3	98.3	99.2	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	12.7	90.0	92.3	94.4	96.1	97.3	98.3	99.2	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 ATM WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

10713 SEYMOUR-JOHNSON AFB NC

68-70, 73-79

4AF

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1900-2000
 HOURS (LT)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1/2	≥1/4	≥0
NO CEILING	3.6	61.2	61.4	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
≥ 20000	9.7	64.4	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	65.1
IV 18000	9.7	64.7	64.9	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 16000	9.7	65.1	65.4	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
IV 14000	9.7	65.4	65.7	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
IV 12000	9.7	66.7	67.0	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
IV 10000	10.1	69.2	69.6	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
IV 9000	10.1	69.5	69.9	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
IV 8000	10.4	71.9	71.8	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 7000	10.5	73.2	73.5	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
IV 6000	10.5	73.7	74.2	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 5000	10.6	76.5	77.0	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 4500	10.8	78.1	78.9	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
IV 4000	10.9	80.7	81.1	81.7	81.8	81.8	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV 3500	10.9	81.0	82.3	83.0	83.1	83.1	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 3000	10.9	81.8	83.3	84.2	84.3	84.3	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 2500	11.2	83.1	85.1	85.9	86.1	86.1	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 2000	11.3	84.3	86.3	87.4	87.6	87.6	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 1800	11.3	84.4	86.5	87.6	87.8	87.8	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 1500	11.3	84.9	87.4	88.5	89.0	89.0	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 1200	11.3	85.9	88.6	89.7	90.3	90.3	90.9	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 1000	11.3	87.0	90.1	91.3	91.9	91.9	92.5	92.9	92.9	93.1	93.3	93.3	93.3	93.3	93.3	93.3
IV 900	11.3	87.0	90.3	91.5	92.2	92.2	92.7	93.1	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5
IV 800	11.3	87.2	90.8	91.9	92.8	92.8	93.4	93.9	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 700	11.3	87.4	91.0	92.2	93.1	93.2	94.0	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 600	11.3	87.8	91.5	92.7	93.9	94.0	95.1	95.8	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 500	11.3	88.0	91.6	92.8	94.5	94.6	95.7	96.9	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 400	11.3	88.0	91.7	92.9	94.7	94.8	96.0	97.5	98.0	98.0	98.8	99.0	99.0	99.0	99.0	99.0
IV 300	11.3	88.0	91.7	92.9	94.8	94.9	96.3	98.0	98.8	98.8	99.8	100.0	100.0	100.0	100.0	100.0
IV 200	11.3	88.0	91.7	92.9	94.8	94.9	96.3	98.0	98.8	98.8	99.8	100.0	100.0	100.0	100.0	100.0
IV 100	11.3	88.0	91.7	92.9	94.8	94.9	96.3	98.0	98.8	98.8	99.8	100.0	100.0	100.0	100.0	100.0
IV 0	11.3	88.0	91.7	92.9	94.8	94.9	96.3	98.0	98.8	98.8	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 272

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17713
STATION

SEYMGUR-JOHNSON AFB T.C.
STATION NAME

66-70, 73-79
YEARS

MAC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS U.S.T.

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥1	≥.5	≥.5	≥.5	≥.5	≥.5	≥.5
NO CEILING	9.8	64.2	64.7	64.7	64.7	64.7	64.8	64.8	64.8	64.0	64.8	64.8	64.9	64.9	64.9	65.1
≥ 20000	10.3	66.5	67.7	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.5
IV 18000	10.4	66.7	67.4	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.6	67.6	67.6	67.7
IV 16000	10.4	67.2	68.7	68.3	68.0	68.3	68.1	68.1	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.3
IV 14000	10.5	68.9	69.2	69.2	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.5	69.5	69.5	69.6
IV 12000	10.5	69.5	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.5
IV 10000	10.8	71.1	71.8	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	72.1	72.1	72.1	72.2
IV 9000	10.8	71.8	72.7	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.9	72.9	72.9	73.0
IV 8000	11.2	74.2	75.1	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.4
IV 7000	11.5	75.4	76.3	76.3	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.7
IV 6000	11.5	76.1	77.2	77.2	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.6	77.6	77.6	77.7
IV 5000	11.5	78.6	79.8	79.8	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.2	80.2	80.3
IV 4500	11.5	79.2	80.4	80.5	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.1
IV 4000	11.6	80.9	82.3	82.6	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.1
IV 3500	11.6	81.7	83.2	83.7	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.2
IV 3000	11.6	82.2	83.8	84.4	84.6	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9	85.1
IV 2500	11.6	83.1	84.8	85.7	86.1	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.5	86.5	86.5	86.6
IV 2000	11.8	83.7	85.5	86.3	86.8	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.3
IV 1800	11.8	83.8	85.9	86.8	87.2	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.7
IV 1500	11.8	84.1	86.2	87.1	87.6	87.8	88.0	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.3
IV 1200	11.8	84.4	86.6	87.6	88.2	88.4	88.6	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9	89.0
IV 1000	11.8	84.9	87.6	88.7	89.2	89.5	89.8	90.1	90.1	90.2	90.2	90.2	90.3	90.3	90.3	90.4
IV 900	11.8	85.3	88.1	89.2	90.0	90.2	90.5	90.9	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.2
IV 800	11.8	85.4	88.7	90.2	91.1	91.3	91.8	92.3	92.3	92.4	92.4	92.4	92.5	92.5	92.5	92.6
IV 700	11.8	85.6	88.7	90.3	91.3	91.6	92.3	92.7	92.7	92.8	92.8	92.8	92.9	92.9	92.9	93.0
IV 600	11.8	85.6	88.9	90.8	91.7	92.2	92.9	93.4	93.5	93.7	93.7	93.7	93.8	93.8	93.8	93.9
IV 500	11.8	85.9	89.5	91.4	92.8	93.4	94.3	95.6	95.9	96.1	96.1	96.1	96.2	96.2	96.2	96.3
IV 400	11.8	85.9	89.6	91.7	93.1	93.9	95.1	97.3	97.6	98.0	98.0	98.0	98.1	98.1	98.1	98.2
IV 300	11.8	85.9	89.6	91.7	93.1	93.9	95.1	97.6	98.3	98.9	99.0	99.0	99.1	99.1	99.1	99.2
IV 200	11.8	85.9	89.6	91.7	93.1	93.9	95.2	97.7	98.4	99.0	99.5	99.5	99.6	99.6	99.6	99.7
IV 100	11.8	85.9	89.6	91.7	93.1	93.9	95.2	97.7	98.4	99.1	99.6	99.6	99.9	99.9	99.9	100.0
IV 0	11.8	85.9	89.6	91.7	93.1	93.9	95.2	97.7	98.4	99.1	99.6	99.6	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 932

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-77, 73-79
YEARS

MAP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS 151

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥0	
NO CEILING	8.0	56.1	57.2	57.6	57.8	57.9	58.0	58.0	58.0	58.1	58.1	58.2	58.2	58.2	58.3	58.3	58.3
≥ 20000	8.7	59.8	63.9	61.4	61.7	61.7	61.8	61.8	61.8	61.9	62.0	62.0	62.0	62.1	62.1	62.2	62.7
IV 18000	8.7	61.3	61.4	61.9	62.1	62.2	62.3	62.3	62.3	62.4	62.5	62.5	62.5	62.6	62.6	62.7	62.7
IV 16000	8.8	60.6	61.7	62.2	62.5	62.5	62.6	62.6	62.6	62.7	62.8	62.9	62.9	62.9	63.0	63.0	63.1
IV 14000	9.1	61.5	62.6	63.1	63.4	63.5	63.5	63.6	63.7	63.8	63.8	63.8	63.8	63.9	63.9	63.9	64.0
IV 12000	9.3	63.1	64.2	64.7	65.0	65.0	65.1	65.1	65.2	65.3	65.4	65.4	65.4	65.5	65.5	65.5	65.6
IV 10000	9.4	65.6	66.8	67.3	67.6	67.7	67.7	67.8	67.9	68.0	68.0	68.0	68.0	68.1	68.1	68.2	68.2
IV 9000	9.5	66.3	67.4	68.0	68.3	68.3	68.4	68.5	68.5	68.5	68.5	68.6	68.7	68.7	68.8	68.8	68.9
IV 8000	9.7	68.4	69.7	70.2	70.5	70.6	70.7	70.7	70.8	70.9	71.0	71.0	71.0	71.1	71.1	71.1	71.2
IV 7000	9.8	69.6	70.9	71.5	71.8	71.8	71.9	72.0	72.1	72.1	72.2	72.2	72.3	72.3	72.3	72.3	72.4
IV 6000	9.9	70.3	71.8	72.2	72.6	72.6	72.7	72.8	72.9	73.0	73.0	73.1	73.1	73.1	73.2	73.2	73.3
IV 5000	9.9	72.1	73.5	74.2	74.6	74.7	74.8	74.9	75.0	75.1	75.1	75.1	75.1	75.2	75.2	75.3	75.3
IV 4500	10.1	72.9	74.5	75.2	75.7	75.8	75.9	76.0	76.1	76.1	76.2	76.2	76.3	76.3	76.3	76.3	76.4
IV 4000	10.3	74.6	76.4	77.2	77.7	77.8	77.9	78.1	78.2	78.3	78.3	78.3	78.4	78.4	78.5	78.5	78.5
IV 3500	10.3	75.4	77.4	78.3	78.8	78.9	79.0	79.2	79.3	79.4	79.4	79.4	79.5	79.5	79.6	79.6	79.7
IV 3000	10.4	76.5	78.6	79.7	80.3	80.4	80.5	80.7	80.8	80.9	81.0	81.0	81.0	81.1	81.1	81.1	81.2
IV 2500	10.5	77.7	80.0	81.2	81.9	82.0	82.2	82.3	82.4	82.5	82.6	82.6	82.7	82.7	82.7	82.7	82.8
IV 2000	10.7	78.8	81.2	82.5	83.2	83.4	83.6	83.8	83.9	84.0	84.1	84.1	84.1	84.2	84.2	84.2	84.3
IV 1800	10.7	79.1	81.6	82.9	83.7	83.9	84.1	84.2	84.4	84.5	84.5	84.5	84.5	84.6	84.7	84.7	84.8
IV 1500	10.8	79.9	82.6	84.0	84.9	85.2	85.5	85.7	85.8	85.9	86.0	86.0	86.1	86.1	86.2	86.2	86.2
IV 1200	10.9	81.1	84.0	85.6	86.5	86.8	87.2	87.4	87.5	87.7	87.8	87.8	87.8	87.8	87.9	87.9	88.0
IV 1000	10.9	81.7	84.9	86.5	87.5	87.8	88.2	88.5	88.6	88.8	88.9	88.9	89.0	89.0	89.1	89.1	89.2
IV 900	11.0	82.1	85.3	87.0	88.0	88.4	88.8	89.1	89.3	89.4	89.5	89.5	89.6	89.6	89.7	89.7	89.8
IV 800	11.0	82.6	86.1	87.9	89.0	89.5	90.1	90.4	90.5	90.7	90.8	90.8	90.9	91.0	91.0	91.1	91.1
IV 700	11.0	82.8	86.4	88.3	89.7	90.3	91.0	91.3	91.5	91.7	91.8	91.8	91.9	91.9	92.0	92.0	92.1
IV 600	11.0	83.2	86.8	88.8	90.4	91.1	91.9	92.4	92.6	92.9	93.0	93.0	93.1	93.1	93.2	93.2	93.3
IV 500	11.0	83.4	87.2	89.4	91.3	92.1	93.1	94.0	94.3	94.6	94.7	94.7	94.9	94.9	95.0	95.0	95.1
IV 400	11.0	83.5	87.3	89.7	91.7	92.7	94.2	95.5	95.9	96.3	96.5	96.5	96.6	96.6	96.7	96.7	96.8
IV 300	11.0	83.5	87.4	89.7	91.8	92.9	94.6	96.2	96.7	97.4	97.6	97.7	97.8	97.8	97.9	97.9	98.1
IV 200	11.0	83.5	87.4	89.7	91.8	92.9	94.8	96.5	97.2	97.9	98.3	98.4	98.6	98.7	98.9	98.9	99.1
IV 100	11.0	83.5	87.4	89.7	91.8	92.9	94.8	96.6	97.2	98.0	98.5	98.5	98.9	99.1	99.5	99.5	99.8
IV 0	11.0	83.5	87.4	89.7	91.8	92.9	94.8	96.6	97.2	98.0	98.5	98.5	98.9	99.1	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAF EIC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1113

SEYMOUR-JOHNSON AFB NC

60-70, 73-79

APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.1	≥0.05	≥0.02	≥0.01
NO CEILING	7.4	55.3	56.5	67.3	67.4	67.5	68.0	68.1	68.1	68.2	68.7	68.2	65.2	68.2	68.7	68.6
≥ 20000	8.2	69.1	70.3	71.3	71.4	71.6	72.3	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2
IV 18000	8.5	69.5	71.2	71.8	71.9	72.1	72.4	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 16000	8.6	69.7	71.3	71.9	72.0	72.1	72.6	72.7	72.7	72.7	72.6	72.6	72.6	72.6	72.6	72.6
IV 14000	8.7	70.1	71.7	72.2	72.3	72.4	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 12000	8.8	70.5	72.1	72.6	72.7	72.8	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IV 10000	8.9	70.9	72.5	73.0	73.1	73.2	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
IV 8000	9.0	71.3	72.9	73.4	73.5	73.6	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
IV 7000	9.1	71.7	73.3	73.8	73.9	74.0	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 6000	9.2	72.1	73.7	74.2	74.3	74.4	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 5000	9.3	72.5	74.1	74.6	74.7	74.8	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
IV 4500	9.4	72.9	74.5	75.0	75.1	75.2	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
IV 4000	9.5	73.3	74.9	75.4	75.5	75.6	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 3500	9.6	73.7	75.3	75.8	75.9	76.0	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 3000	9.7	74.1	75.7	76.2	76.3	76.4	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 2500	9.8	74.5	76.1	76.6	76.7	76.8	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
IV 2000	9.9	74.9	76.5	77.0	77.1	77.2	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
IV 1800	10.0	75.3	76.9	77.4	77.5	77.6	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IV 1500	10.1	75.7	77.3	77.8	77.9	78.0	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 1200	10.2	76.1	77.7	78.2	78.3	78.4	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
IV 1000	10.3	76.5	78.1	78.6	78.7	78.8	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
IV 900	10.4	76.9	78.5	79.0	79.1	79.2	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 800	10.5	77.3	78.9	79.4	79.5	79.6	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
IV 700	10.6	77.7	79.3	79.8	79.9	80.0	80.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 600	10.7	78.1	79.7	80.2	80.3	80.4	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
IV 500	10.8	78.5	80.1	80.6	80.7	80.8	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 400	10.9	78.9	80.5	81.0	81.1	81.2	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 300	11.0	79.3	80.9	81.4	81.5	81.6	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 200	11.1	79.7	81.3	81.8	81.9	82.0	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IV 100	11.2	80.1	81.7	82.2	82.3	82.4	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 0	11.3	80.5	82.1	82.6	82.7	82.8	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 ETAC
 WEATHER SERVICE / 441

CEILING VERSUS VISIBILITY

1713
 STATION

SEYMOUR-JOHNSON AFB NC
 STATION NAME

62-70, 73-79
 YEAR

APP
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

7.0-15.00
 WIND SPEED

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	7.1	59.6	61.9	63.1	64.3	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 20000	7.4	62.6	65.1	66.6	67.8	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
W 18000	7.7	63.1	65.6	67.1	68.3	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
W 16000	8.0	63.7	66.1	67.7	68.9	69.2	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
W 14000	8.6	64.2	66.7	68.2	69.4	69.8	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
W 12000	8.6	66.1	69.6	70.1	71.3	71.7	72.1	72.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
W 10000	8.8	68.1	70.7	72.3	73.6	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
W 9000	8.8	69.7	71.6	73.3	74.6	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
W 8000	8.9	70.8	73.4	75.2	76.4	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
W 7000	8.9	71.8	74.4	76.2	77.4	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
W 6000	8.9	72.4	75.1	76.9	78.2	78.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
W 5000	8.9	74.4	77.1	79.7	80.4	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
W 4500	8.9	75.2	78.7	81.3	81.4	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
W 4000	8.9	76.4	79.2	81.3	82.8	83.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
W 3500	8.9	76.4	79.2	81.3	82.8	83.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
W 3000	8.9	77.6	80.4	82.6	84.0	84.4	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
W 2500	8.9	78.7	81.4	83.6	85.0	85.4	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
W 2000	9.1	79.6	83.2	85.4	86.9	87.6	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
W 1800	9.3	79.8	83.4	85.7	87.1	87.8	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
W 1500	9.3	80.2	84.0	86.2	87.7	88.4	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
W 1200	9.3	80.8	84.8	87.0	88.6	89.4	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
W 1000	9.3	80.9	85.2	87.6	89.3	90.3	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
W 900	9.3	81.4	85.8	88.1	90.0	91.0	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
W 800	9.3	81.8	86.2	88.8	90.7	91.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
W 700	9.3	82.2	87.2	89.9	91.9	92.9	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
W 600	9.3	82.6	87.6	90.8	92.8	93.8	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
W 500	9.3	83.0	88.2	91.3	93.4	94.6	96.0	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
W 400	9.3	83.0	88.3	91.6	93.8	94.9	96.7	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
W 300	9.3	83.0	88.3	91.7	93.9	95.0	96.8	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
W 200	9.3	83.0	88.3	91.7	93.9	95.0	96.9	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
W 100	9.3	83.0	88.3	91.7	93.9	95.0	96.9	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
W 0	9.3	83.0	88.3	91.7	93.9	95.0	96.9	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9

TOTAL NUMBER OF OBSERVATIONS 900

CENTRAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17713 SEYMOUR-JOHNSON AFB NC

68-70, 73-79

AD-

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

68-70, 73-79

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.4	≥0.3	≥0.25	≥0.2	≥0.15	
NO CEILING	7.4	54.0	55.4	57.7	58.7	59.0	59.4	59.9	60.0	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.2
≥ 20000	8.1	57.8	60.4	61.7	62.9	63.2	63.7	64.2	64.3	64.4	64.4	64.4	64.6	64.6	64.6	64.6	64.6
IV 18000	9.3	58.1	60.8	63.0	63.2	63.6	64.1	64.6	64.7	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9
IV 16000	8.8	58.7	61.3	62.6	63.8	64.1	64.6	65.1	65.2	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4
IV 14000	9.0	59.3	62.0	63.2	64.6	64.9	65.3	65.9	66.0	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2
IV 12000	9.0	61.1	64.0	65.2	66.6	66.9	67.3	67.9	68.0	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2
IV 10000	9.1	64.4	67.6	68.8	70.2	70.6	71.0	71.6	71.7	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0
IV 9000	9.1	65.3	68.4	69.7	71.1	71.4	71.9	72.4	72.6	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9
IV 8000	9.1	66.7	69.9	71.1	72.6	72.9	73.3	73.9	74.0	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3
IV 7000	9.4	68.1	71.3	72.6	74.0	74.3	74.8	75.3	75.4	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8
IV 6000	9.4	68.8	72.0	73.3	74.6	75.1	75.6	76.1	76.2	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7
IV 5000	9.4	70.1	73.4	74.8	76.2	76.6	77.0	77.6	77.7	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1
IV 4500	9.4	70.9	74.2	75.6	77.0	77.3	77.8	78.3	78.4	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9
IV 4000	9.4	71.3	74.9	76.2	77.7	78.0	78.4	79.1	79.2	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7
IV 3500	9.4	71.7	75.2	76.6	78.0	78.3	78.8	79.4	79.6	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1
IV 3000	9.7	72.9	76.7	78.0	79.4	79.8	80.2	81.0	81.0	81.2	81.7	81.7	81.7	81.9	81.9	81.9	81.9
IV 2500	9.7	73.3	78.1	79.4	81.0	81.3	81.8	82.6	82.8	83.2	83.2	83.2	83.4	83.4	83.4	83.4	83.4
IV 2000	10.0	75.2	79.8	81.2	82.9	83.3	83.8	84.6	84.8	85.2	85.2	85.2	85.4	85.4	85.4	85.4	85.4
IV 1800	10.0	75.4	80.0	81.4	83.1	83.6	84.0	84.8	85.0	85.4	85.4	85.4	85.7	85.7	85.7	85.7	85.7
IV 1500	10.0	76.3	80.9	82.3	84.0	84.4	85.0	85.8	86.0	86.4	86.4	86.4	86.7	86.7	86.7	86.7	86.7
IV 1200	10.3	77.4	82.2	83.7	85.4	85.9	86.4	87.2	87.6	88.0	88.0	88.0	88.2	88.2	88.2	88.2	88.2
IV 1000	10.4	78.2	83.2	84.7	86.4	86.9	87.6	88.4	88.8	89.4	89.4	89.4	89.7	89.7	89.7	89.7	89.7
IV 900	10.4	79.1	84.2	85.7	87.4	87.9	88.6	89.4	89.8	90.4	90.4	90.4	90.7	90.7	90.7	90.7	90.7
IV 800	10.4	79.7	85.0	86.8	89.1	89.6	90.2	91.1	91.4	92.1	92.1	92.1	92.3	92.3	92.3	92.3	92.3
IV 700	10.4	80.0	85.4	87.4	90.1	90.6	91.2	92.2	92.6	93.2	93.2	93.2	93.4	93.4	93.4	93.4	93.4
IV 600	10.4	80.4	86.3	88.7	91.4	91.9	92.6	93.8	94.1	94.8	94.8	94.8	95.0	95.0	95.0	95.0	95.0
IV 500	10.4	80.6	86.4	88.9	91.9	92.4	93.1	94.4	94.8	95.4	95.4	95.4	95.7	95.7	95.7	95.7	95.7
IV 400	10.4	80.6	86.6	89.1	92.7	93.2	94.2	95.8	96.2	97.0	97.0	97.0	97.2	97.2	97.2	97.2	97.2
IV 300	10.4	80.6	86.7	89.2	92.8	93.6	94.7	96.3	96.8	97.9	98.0	98.0	98.2	98.3	98.3	98.3	98.3
IV 200	10.4	80.6	86.7	89.2	92.8	93.6	94.7	96.4	96.9	98.0	98.2	98.2	98.6	98.7	98.7	98.7	98.7
IV 100	10.4	80.6	86.7	89.2	92.8	93.6	94.7	96.4	96.9	98.0	98.2	98.2	98.6	98.9	99.2	99.3	99.3
IV 0	10.4	80.6	86.7	89.2	92.8	93.6	94.7	96.4	96.9	98.0	98.2	98.2	98.6	98.9	99.2	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 907

GLOBAL CLIMATOLOGY BRANCH
 OFFICE/ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1973 JEFFERSON-JOHNSON AFB NC

68-70, 73-79

AP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

900-117

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	14.0	63.3	63.4	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 20000	15.6	67.7	67.9	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
IV 18000	16.1	69.7	69.9	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
IV 16000	16.2	69.7	69.9	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
IV 14000	16.4	70.4	70.7	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
IV 12000	16.7	72.6	72.8	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 10000	16.9	74.1	74.3	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 9000	16.9	75.6	75.8	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
IV 8000	17.1	77.8	78.0	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
IV 7000	17.3	79.1	79.3	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 6000	17.4	79.8	80.0	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
IV 5000	17.6	82.2	82.4	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 4500	17.6	82.3	82.5	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 4000	17.7	82.7	82.9	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
IV 3500	17.7	83.2	83.4	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IV 3000	18.1	85.0	85.2	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 2500	18.3	86.1	86.3	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 2000	18.7	87.1	87.3	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
IV 1800	18.7	87.1	87.3	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
IV 1500	18.7	88.9	89.1	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
IV 1200	18.8	90.6	90.8	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 1000	18.8	91.2	91.4	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 900	18.7	91.7	91.9	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 800	18.8	92.1	92.3	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
IV 700	18.8	92.4	92.6	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 600	18.8	92.9	93.1	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 500	18.8	93.1	93.3	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 400	18.8	93.0	93.2	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
IV 300	18.8	93.0	93.2	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
IV 200	18.8	93.0	93.2	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
IV 100	18.8	93.0	93.2	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
IV 0	18.8	93.0	93.2	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

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1113 SEYMOUR-JOHNSON AFB NC
STATION NAME

65-79, 73-79
YEAR

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
TIME

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	15.7	61.8	60.0	61.7	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥ 20000	16.3	67.7	67.9	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 18000	17.2	68.3	68.6	68.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 16000	17.3	69.4	69.7	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 14000	17.6	73.4	73.7	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 12000	17.9	72.9	73.1	73.3	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 10000	18.1	74.3	75.0	75.2	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	18.1	75.1	75.3	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
≥ 8000	18.3	76.7	77.1	77.3	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 7000	18.7	77.6	78.1	78.2	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 6000	18.9	78.3	78.8	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
≥ 5000	19.1	79.6	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
≥ 4500	19.1	79.9	80.3	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
≥ 4000	19.9	82.8	83.2	83.8	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	20.2	85.1	85.6	86.2	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 3000	20.3	87.1	87.4	88.1	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 2500	20.8	88.6	89.1	89.9	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 2000	21.2	91.2	92.0	92.8	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1800	21.3	91.9	92.7	93.4	94.0	94.1	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1500	21.6	93.0	94.3	95.3	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1200	21.6	94.1	95.4	96.4	97.1	97.2	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1000	21.6	94.2	95.8	96.9	97.6	97.8	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	21.6	94.2	95.8	96.9	97.6	97.8	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	21.6	94.4	96.3	97.4	98.2	98.4	98.4	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	21.6	94.4	96.3	97.4	98.2	98.4	98.4	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	21.6	94.6	96.4	97.6	98.3	98.6	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	21.6	94.7	96.7	97.8	98.6	98.8	98.9	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	21.6	94.9	96.9	98.0	99.0	99.2	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	21.6	94.9	96.9	98.0	99.0	99.2	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	21.6	94.9	96.9	98.0	99.0	99.2	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	21.6	94.9	96.9	98.0	99.0	99.2	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	21.6	94.9	96.9	98.0	99.0	99.2	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 WAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1713 SEYMOUR-JOHNSON AFB MO
STATION NUMBER STATION NAME

63-70, 73-79
YEARS

APV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700
TIME PERIOD

CEILING -FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0
NO CEILING	15.3	61.6	61.9	62.1	62.1	62.2	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 20000	17.2	69.1	69.4	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 18000	17.2	69.4	70.2	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
≥ 16000	17.6	70.1	70.9	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 14000	17.8	72.1	72.9	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 12000	18.6	74.7	75.4	75.8	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 10000	18.8	77.2	78.0	78.3	78.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 9000	18.8	77.7	78.4	78.8	78.8	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 8000	18.9	79.9	80.8	81.1	81.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 7000	19.4	81.6	82.4	82.8	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 6000	19.4	82.0	82.9	83.2	83.2	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 5000	19.9	83.7	84.6	84.9	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4500	19.9	85.0	85.3	86.4	86.4	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 4000	20.4	87.8	88.8	89.4	89.4	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 3500	20.7	89.6	90.8	91.4	91.4	91.8	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 3000	20.9	91.3	92.7	93.3	93.3	93.7	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 2500	21.0	91.8	93.2	93.9	93.9	94.3	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2000	21.1	93.0	94.4	95.1	95.1	95.6	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1800	21.1	93.3	94.9	95.6	95.6	96.0	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1500	21.1	93.9	95.6	96.2	96.2	96.8	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1100	21.1	94.1	95.9	96.6	96.6	97.1	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1000	21.1	94.6	96.4	97.2	97.2	97.8	98.2	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900	21.1	94.8	96.4	97.2	97.2	97.8	98.4	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	21.2	94.8	96.7	97.6	97.6	98.1	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	21.2	94.8	96.8	97.8	97.8	98.3	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	21.2	94.9	96.9	97.9	97.9	98.4	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	21.3	95.1	97.3	98.3	98.3	98.9	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	21.2	95.1	97.3	98.3	98.3	98.9	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	21.2	95.1	97.3	98.3	98.3	98.9	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	21.2	95.1	97.3	98.3	98.3	98.9	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	21.2	95.1	97.3	98.3	98.3	98.9	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	21.2	95.1	97.3	98.3	98.3	98.9	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17713 SEYMOUR-JOHNSON AFB AC

64-70, 73-79

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1964-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1/2	≥1/4	≥0
NO CEILING	13.3	64.8	64.8	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 20000	15.4	72.7	72.9	73.3	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
18000	15.7	73.4	73.9	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
16000	16.0	74.1	74.6	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
14000	16.3	75.6	76.1	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
12000	16.4	77.9	78.3	78.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
10000	16.6	80.3	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
9000	16.6	81.0	81.4	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
8000	16.7	83.1	83.6	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
7000	17.1	85.2	85.8	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
6000	17.1	86.1	86.6	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
5000	17.2	87.6	88.3	88.4	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
4500	17.2	87.9	88.7	88.8	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	17.7	89.6	90.3	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
3500	19.1	91.7	91.9	92.1	92.4	92.4	92.4	92.8	92.9	92.9	92.9	92.9	92.9	93.3	93.3	93.3
3000	18.1	91.9	92.9	93.2	93.7	93.7	93.8	94.2	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4
2500	18.1	92.2	93.2	93.6	94.0	94.0	94.1	94.6	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.8
2000	18.2	93.1	94.2	94.6	95.0	95.2	95.3	95.8	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0
1800	13.2	93.2	94.3	94.7	95.1	95.3	95.4	95.9	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1
1500	18.2	93.6	94.9	95.2	95.7	95.9	96.1	96.6	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8
1200	18.2	93.8	94.9	95.2	95.7	95.9	96.1	96.6	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9
1000	18.2	93.8	95.2	95.7	96.2	96.4	96.7	97.2	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6
900	18.2	93.8	95.2	95.7	96.3	96.6	96.8	97.3	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7
800	18.2	93.9	95.3	95.8	96.7	96.9	97.1	97.7	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0
700	18.2	93.9	95.3	96.1	97.0	97.2	97.7	98.3	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8
600	18.2	94.0	95.7	96.2	97.1	97.3	97.8	98.8	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2
500	18.2	94.0	95.7	96.2	97.3	97.7	98.1	99.1	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6
400	18.2	94.0	95.7	96.2	97.3	97.7	98.1	99.1	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6
300	18.2	94.1	95.8	96.4	97.6	97.9	98.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
200	18.2	94.1	95.8	96.4	97.6	97.9	98.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
100	18.2	94.1	95.8	96.4	97.6	97.9	98.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
0	18.2	94.1	95.8	96.4	97.6	97.9	98.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 901

GLOBAL CLIMATOLOGY BRANCH
 WCAP/ETAC
 AID WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1713 SEYMOUR-JOHNSON AFB AC

06-70, 73-79

APR

STATION

STATION

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21 10-100
 HOURS PER

CEILING (FEET)	VISIBILITY / STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.5	≥.25	≥.2	≥.1	≥0
NO CEILING	9.8	67.2	68.0	68.6	68.8	68.8	69.9	69.3	69.7	69.0	69.7	69.0	69.0	69.7	69.0	69.0
≥ 20000	11.2	72.9	73.8	74.4	74.8	74.8	74.9	75.2	75.0	75.0	75.7	75.0	75.0	75.7	75.0	75.0
≥ 18000	11.2	73.7	73.9	74.6	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 16000	11.2	73.6	74.4	75.1	75.4	75.4	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 14000	11.4	74.4	75.3	76.1	76.3	76.3	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 12000	11.9	76.2	77.1	77.8	79.1	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 10000	11.9	80.0	80.9	81.6	81.9	81.9	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 9000	12.0	80.2	81.1	81.8	82.1	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 8000	12.1	82.1	83.2	83.9	84.2	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 7000	12.1	83.9	85.3	85.7	86.0	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 6000	12.1	84.3	85.6	86.2	86.6	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 5000	12.1	85.3	86.7	87.3	88.0	88.0	88.1	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 4500	12.1	85.7	87.0	87.8	88.4	88.4	88.6	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 4000	12.2	87.9	89.2	90.0	90.7	90.7	90.8	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3500	12.2	88.4	89.9	90.9	91.7	91.7	91.8	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 3000	12.2	89.4	90.9	92.0	92.8	92.8	92.9	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2500	12.2	90.6	92.1	93.3	94.1	94.1	94.2	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 2000	12.2	90.9	92.4	93.7	94.4	94.4	94.6	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1800	12.2	91.1	92.7	93.9	94.7	94.7	94.8	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1500	12.2	91.6	93.1	94.4	95.2	95.2	95.3	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1200	12.3	91.7	93.2	94.6	95.3	95.3	95.4	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1000	12.3	91.8	93.3	94.7	95.4	95.4	95.6	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 900	12.3	92.0	93.6	94.9	95.6	95.6	95.8	96.1	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 800	12.3	92.0	93.6	94.9	95.6	95.6	95.8	96.1	96.2	96.6	96.7	96.7	96.7	96.7	96.7	96.7
≥ 700	12.3	92.3	94.0	95.3	96.6	96.6	96.7	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 600	12.3	92.6	94.2	95.6	96.9	96.9	97.0	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 500	12.3	92.7	94.4	95.9	97.3	97.3	97.6	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 400	12.3	92.7	94.4	95.9	97.3	97.3	98.0	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	12.3	92.7	94.4	95.9	97.3	97.4	98.1	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	12.3	92.7	94.4	95.9	97.3	97.4	98.1	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	12.3	92.7	94.4	95.9	97.3	97.4	98.1	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	12.3	92.7	94.4	95.9	97.3	97.4	98.1	99.2	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

19713 SEYMOUR-JOHNSON AFB NC

68-77, 73-79

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.7	≥2	≥1.7	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4
NO CEILING	11.4	62.7	63.7	63.5	63.9	64.3	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.4
≥ 20000	12.5	67.4	68.6	69.2	69.6	69.7	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.1
≥ 18000	12.7	68.0	69.1	69.7	70.2	70.3	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.7
≥ 16000	13.0	68.5	69.7	70.3	70.8	70.9	71.0	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 14000	13.2	69.6	70.7	71.3	71.8	71.9	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3
≥ 12000	13.5	71.8	73.7	73.6	74.1	74.2	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.6
≥ 10000	13.7	74.4	75.7	76.3	76.8	77.0	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.4
≥ 9000	13.7	75.0	76.3	76.9	77.4	77.6	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.0
≥ 8000	13.9	76.8	78.2	78.9	79.4	79.5	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9
≥ 7000	14.1	78.3	79.7	80.3	80.8	81.0	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 6000	14.1	78.9	80.4	81.0	81.5	81.7	81.8	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.1
≥ 5000	14.3	80.5	82.0	82.7	83.3	83.5	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4500	14.3	81.2	82.7	83.5	84.1	84.2	84.4	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.7
≥ 4000	14.5	82.8	84.4	85.2	85.8	86.0	86.2	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.5
≥ 3500	14.7	83.7	85.3	86.2	86.9	87.1	87.3	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.7
≥ 3000	14.9	85.0	86.7	87.7	88.4	88.5	88.8	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.2	89.2
≥ 2500	14.9	85.8	87.8	88.8	89.5	89.7	90.0	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 2000	15.1	87.0	89.0	90.1	90.9	91.1	91.4	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.9
≥ 1800	15.1	87.2	89.3	90.4	91.2	91.4	91.7	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.2
≥ 1500	15.2	88.1	90.2	91.3	92.1	92.4	92.7	93.0	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2
≥ 1200	15.2	88.6	90.9	92.1	92.9	93.2	93.6	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.1
≥ 1000	15.3	88.9	91.4	92.6	93.6	93.9	94.4	94.7	94.6	94.9	94.9	94.9	95.0	95.0	95.0	95.0
≥ 900	15.3	89.2	91.8	93.0	94.0	94.4	94.8	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.5
≥ 800	15.3	89.5	92.2	93.5	94.7	95.0	95.5	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.2
≥ 700	15.3	89.7	92.5	94.0	95.2	95.6	96.1	96.5	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8
≥ 600	15.3	90.0	92.9	94.4	95.8	96.2	96.8	97.3	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6
≥ 500	15.3	90.1	93.2	94.8	96.2	96.7	97.4	98.0	98.2	98.3	98.3	98.3	98.3	98.4	98.4	98.4
≥ 400	15.3	90.1	93.2	94.9	96.4	96.9	97.8	98.6	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 300	15.3	90.1	93.3	94.9	96.5	97.1	98.0	98.8	99.0	99.3	99.3	99.3	99.3	99.4	99.4	99.4
≥ 200	15.3	90.1	93.3	94.9	96.5	97.1	98.0	98.8	99.1	99.3	99.4	99.4	99.4	99.5	99.5	99.5
≥ 100	15.3	90.1	93.3	94.9	96.5	97.1	98.0	98.8	99.1	99.3	99.4	99.4	99.4	99.5	99.5	99.5
≥ 0	15.3	90.1	93.3	94.9	96.5	97.1	98.0	98.8	99.1	99.3	99.4	99.4	99.4	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 7203

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12713 SEYMOUR-JOHNSON AFB NC

56-70,72-79

MAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1950-1951
HOURS

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	5.5	59.0	64.0	66.3	67.5	67.6	67.8	63.1	68.2	66.0	68.4	68.4	65.4	65.4	68.4	66.4
IV 20000	5.7	61.2	66.1	68.6	70.2	70.3	70.5	70.3	70.9	70.9	71.1	71.1	71.1	71.1	71.1	71.1
IV 18000	5.7	61.3	66.2	68.7	70.3	70.4	70.6	70.9	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2
IV 16000	5.9	61.4	66.3	68.8	70.4	70.5	70.8	71.0	71.1	71.1	71.3	71.3	71.3	71.3	71.3	71.3
IV 14000	6.0	61.7	66.7	69.1	70.8	70.9	71.1	71.3	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6
IV 12000	6.6	62.8	67.7	70.3	71.9	72.1	72.3	72.5	72.6	72.6	72.8	72.8	72.8	72.8	72.8	72.8
IV 10000	6.9	65.1	70.4	72.9	74.6	74.7	74.9	75.2	75.3	75.3	75.5	75.5	75.5	75.5	75.5	75.5
IV 9000	6.9	65.2	70.4	73.0	74.7	74.8	75.1	75.3	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6
IV 8000	6.9	67.4	73.0	75.7	77.5	77.6	77.8	78.1	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.4
IV 7000	6.9	68.1	73.8	76.6	78.4	78.5	78.7	78.9	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2
IV 6000	6.9	68.8	74.6	77.4	79.2	79.4	79.6	79.8	79.9	79.9	80.1	80.1	80.1	80.1	80.1	80.1
IV 5000	6.9	69.9	76.3	79.1	81.2	81.3	81.6	81.8	81.9	81.9	82.2	82.2	82.2	82.2	82.2	82.2
IV 4500	6.9	70.0	76.5	79.2	81.4	81.5	81.8	82.0	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4
IV 4000	6.9	71.5	78.7	80.8	82.9	83.0	83.5	83.8	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.1
IV 3500	6.9	72.8	79.1	82.2	84.5	84.6	85.2	85.4	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7
IV 3000	6.9	73.3	79.9	82.9	85.3	85.4	85.9	86.1	86.2	86.2	86.5	86.5	86.5	86.5	86.5	86.5
IV 2500	6.9	73.8	80.5	83.8	86.6	86.7	87.2	87.4	87.5	87.5	87.7	87.7	87.7	87.7	87.7	87.7
IV 2000	6.9	74.4	81.2	84.9	88.0	88.1	88.6	88.8	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1
IV 1800	6.9	74.6	81.4	85.2	88.2	88.3	88.8	89.0	89.1	89.1	89.4	89.4	89.4	89.4	89.4	89.4
IV 1500	7.0	75.2	81.9	85.9	89.0	89.1	89.8	90.0	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3
IV 1200	7.0	76.5	83.3	87.3	90.8	90.9	91.5	91.7	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0
IV 1000	7.0	76.7	83.8	88.0	91.4	91.5	92.2	92.4	92.5	92.5	92.7	92.7	92.7	92.7	92.7	92.7
IV 900	7.0	76.9	84.0	88.2	91.7	91.8	92.6	92.8	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1
IV 800	7.0	77.3	84.6	89.4	93.1	93.3	94.3	94.5	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8
IV 700	7.0	77.7	85.1	89.8	93.5	94.1	95.1	95.3	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6
IV 600	7.0	78.3	85.6	90.5	94.5	95.2	96.1	96.5	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8
IV 500	7.0	79.0	86.3	91.4	95.5	96.1	97.1	97.4	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8
IV 400	7.0	79.0	86.5	91.5	95.6	96.2	97.3	97.7	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2
IV 300	7.0	79.0	86.5	91.5	95.9	96.7	98.1	98.5	98.8	98.8	99.1	99.1	99.2	99.2	99.2	99.2
IV 200	7.0	79.0	86.5	91.6	96.1	96.9	98.3	98.8	99.1	99.2	99.6	99.6	99.7	99.7	99.7	99.7
IV 100	7.0	79.0	86.5	91.6	96.1	96.9	98.3	98.8	99.1	99.2	99.6	99.6	99.7	99.8	99.9	99.9
IV 0	7.0	79.0	86.5	91.6	96.1	96.9	98.3	98.8	99.1	99.2	99.6	99.6	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12/15 DEYMOUR-JOHNSON AFB NC

66-77,73-79

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

300-3500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.01
NO CEILING	3.4	43.7	49.9	53.7	56.2	57.4	58.8	59.3	59.9	59.8	60.4	60.4	61.6	60.6	61.7	61.9
≥ 20000	3.6	45.1	52.2	56.2	58.9	60.3	61.7	62.2	62.4	62.5	63.2	62.3	63.5	63.5	63.6	63.7
IV 18000	3.6	45.2	52.3	56.3	59.4	60.4	61.6	62.3	62.5	62.9	63.4	63.4	63.6	63.6	63.7	63.8
IV 15000	3.8	45.5	52.6	56.6	59.5	60.7	62.1	62.6	62.9	63.2	63.7	63.7	63.9	63.7	64.0	64.2
IV 14000	4.2	46.4	53.5	57.6	61.5	61.9	63.3	63.8	64.1	64.4	64.9	64.9	65.1	65.1	65.2	65.3
IV 12000	4.4	47.3	54.5	58.6	61.5	63.0	64.4	64.9	65.1	65.4	66.0	66.0	66.2	66.2	66.3	66.4
IV 10000	4.7	48.9	56.2	60.5	63.4	64.9	66.3	66.8	67.1	67.5	68.0	68.0	68.2	68.2	68.4	68.5
IV 9000	4.7	49.1	56.4	60.7	63.6	65.1	66.5	67.1	67.3	67.7	68.2	68.2	68.5	68.5	68.6	68.7
IV 8000	4.8	51.2	59.7	63.7	66.7	68.4	69.8	70.3	70.5	70.9	71.6	71.6	71.8	71.8	71.9	72.0
IV 7000	5.1	52.7	61.1	64.5	67.5	69.1	70.5	71.0	71.3	71.7	72.3	72.4	72.7	72.7	72.8	72.9
IV 6000	5.1	52.9	61.1	65.6	68.7	70.4	71.8	72.3	72.6	73.0	73.6	73.7	74.0	74.0	74.1	74.2
IV 5000	5.0	53.9	62.4	67.3	70.5	72.2	73.7	74.4	74.6	75.0	75.7	75.8	76.0	76.0	76.1	76.2
IV 4500	5.0	54.1	62.8	67.7	70.9	72.7	74.2	74.8	75.0	75.5	76.1	76.2	76.4	76.4	76.5	76.6
IV 4000	5.0	55.2	63.8	68.8	72.1	74.1	75.6	76.2	76.5	77.0	77.6	77.7	77.9	77.9	78.0	78.1
IV 3500	5.0	56.4	65.4	70.3	73.6	75.6	77.2	77.8	78.1	78.6	79.2	79.3	79.5	79.5	79.7	79.8
IV 3000	5.0	57.1	66.1	71.2	75.0	77.0	78.7	79.4	79.8	80.2	80.8	80.9	81.2	81.2	81.3	81.4
IV 2500	5.2	57.4	66.6	71.7	75.8	77.7	79.5	80.3	80.6	81.1	81.7	81.8	82.0	82.0	82.1	82.2
IV 2000	5.2	57.6	67.3	72.2	76.5	78.5	80.4	81.2	81.5	81.9	82.6	82.7	82.9	82.9	83.0	83.1
IV 1800	5.2	57.8	67.2	72.4	77.0	78.9	80.8	81.6	81.9	82.3	83.0	83.1	83.3	83.3	83.4	83.5
IV 1500	5.0	58.1	67.7	73.3	77.9	79.9	81.8	82.7	83.0	83.4	84.1	84.2	84.4	84.4	84.5	84.6
IV 1200	5.0	58.6	68.5	74.5	79.4	81.4	83.3	84.2	84.5	84.9	85.6	85.7	85.9	85.9	86.0	86.1
IV 1000	5.2	59.3	69.1	75.6	80.5	82.7	84.6	85.5	85.8	86.2	86.9	87.0	87.2	87.2	87.3	87.4
IV 900	5.0	59.7	70.1	76.9	81.9	84.1	86.2	87.2	87.5	87.9	88.6	88.7	88.9	88.9	89.0	89.1
IV 800	5.0	60.1	70.7	78.0	83.2	85.5	87.6	88.6	88.9	89.3	90.0	90.1	90.3	90.3	90.4	90.5
IV 700	5.0	60.4	71.3	78.8	84.1	86.4	88.7	89.7	90.0	90.4	91.1	91.2	91.4	91.4	91.5	91.6
IV 600	5.0	60.7	71.9	79.7	85.6	87.9	90.2	91.3	91.6	92.0	92.7	92.8	93.1	93.1	93.2	93.3
IV 500	5.2	61.4	72.7	80.6	87.2	89.7	92.5	93.5	93.9	94.4	95.0	95.2	95.5	95.5	95.6	95.7
IV 400	5.0	61.6	72.9	80.9	87.7	90.5	93.4	94.8	95.2	95.8	96.6	96.7	97.0	97.0	97.1	97.2
IV 300	5.0	61.6	72.9	80.9	87.7	90.7	94.1	96.0	96.4	97.2	98.0	98.1	98.6	98.6	98.7	98.8
IV 200	5.0	61.6	72.9	80.9	87.7	90.7	94.2	96.1	96.7	97.4	98.2	98.3	98.9	98.9	99.0	99.1
IV 100	5.0	61.6	72.9	80.9	87.7	90.7	94.2	96.1	96.7	97.5	98.4	98.5	99.1	99.2	99.5	99.7
IV 0	5.0	61.6	72.9	80.9	87.7	90.7	94.2	96.1	96.7	97.5	98.4	98.5	99.1	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 929

LOCAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1973
 STATION

SEYMOUR-JOHNSON AFB AC
 STATION NAME

65-70, 73-74
 YEARS

MAY
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1600-0000
 HOURS (EST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥1	≥.5	≥.5	≥.5	≥.5	≥.5	≥.5
NO CEILING	4.3	43.4	48.5	51.6	54.1	54.3	54.7	55.4	55.0	55.7	55.9	55.9	56.2	56.5	56.5	57.0
≥ 20000	4.6	45.8	51.0	54.2	57.7	57.3	57.7	58.5	58.6	58.9	59.2	59.2	59.6	59.8	59.8	60.3
IV 18000	4.6	46.1	51.4	54.5	57.3	57.6	58.1	58.2	58.6	59.2	59.4	59.6	59.9	60.1	60.1	60.6
IV 16000	4.6	46.3	51.5	54.7	57.5	57.8	58.3	59.1	59.1	59.5	59.8	59.8	60.1	60.3	60.3	60.9
IV 14000	4.6	46.7	51.8	55.1	57.8	58.2	58.6	59.4	59.5	59.8	60.1	60.1	60.4	60.6	60.6	61.2
IV 12000	4.7	47.7	53.1	56.6	59.4	59.7	60.2	61.0	61.1	61.4	61.7	61.7	62.0	62.0	62.3	62.8
IV 10000	4.8	50.8	56.0	60.1	63.0	63.3	63.9	64.7	64.8	65.2	65.5	65.5	65.8	66.0	66.0	66.6
IV 9000	4.8	51.2	57.0	60.5	63.4	63.8	64.3	65.2	65.3	65.6	65.9	65.9	66.2	66.5	66.5	67.1
IV 8000	5.1	52.6	58.5	62.3	65.2	65.5	66.1	67.0	67.1	67.4	67.7	67.7	68.1	68.3	68.3	68.8
IV 7000	5.1	54.1	60.1	64.0	67.0	67.3	68.0	68.8	69.0	69.4	69.7	69.7	70.0	70.2	70.2	70.8
IV 6000	5.2	54.7	61.8	64.8	67.6	68.0	68.6	69.5	69.7	70.0	70.3	70.3	70.6	70.9	70.9	71.4
IV 5000	5.3	55.0	62.3	66.5	69.7	70.0	70.6	71.6	71.8	72.2	72.5	72.5	72.8	73.0	73.0	73.5
IV 4500	5.4	56.9	63.1	67.5	70.8	71.1	71.7	72.7	72.9	73.2	73.5	73.5	73.9	74.1	74.1	74.6
IV 4000	5.4	57.4	64.0	68.5	71.9	72.3	73.1	74.1	74.3	74.6	74.9	74.9	75.3	75.5	75.5	76.0
IV 3500	5.4	57.7	64.3	68.8	72.4	72.7	73.5	74.5	74.7	75.1	75.4	75.4	75.7	75.9	75.9	76.5
IV 3000	5.4	58.5	65.2	70.0	73.5	73.9	74.7	75.8	76.0	76.3	76.7	76.7	77.0	77.2	77.2	77.7
IV 2500	5.4	58.8	65.6	70.4	74.0	74.3	75.2	76.2	76.5	76.8	77.1	77.1	77.4	77.6	77.6	78.2
IV 2000	5.4	58.9	65.9	70.9	74.4	74.7	75.6	76.7	76.9	77.2	77.5	77.5	77.8	78.1	78.1	78.6
IV 1800	5.4	59.3	66.0	71.1	74.6	74.9	75.8	76.9	77.1	77.4	77.7	77.7	78.1	78.3	78.3	78.8
IV 1500	5.4	59.8	66.3	71.9	75.6	75.9	76.8	77.8	78.1	78.4	78.7	78.7	79.0	79.2	79.2	79.8
IV 1200	5.4	61.4	68.5	73.9	77.5	77.8	78.7	79.8	80.0	80.3	80.6	80.6	81.0	81.2	81.2	81.7
IV 1000	5.4	62.8	70.2	75.9	80.2	80.5	81.5	82.6	82.8	83.1	83.4	83.4	83.8	84.0	84.0	84.5
IV 900	5.4	63.9	71.4	77.4	81.7	82.2	83.2	84.3	84.5	84.8	85.2	85.2	85.5	85.7	85.7	86.2
IV 800	5.4	65.1	73.1	79.4	83.7	84.6	85.9	87.1	87.3	87.6	88.1	88.1	88.4	88.6	88.6	89.1
IV 700	5.4	66.0	74.6	80.9	85.3	86.2	87.6	88.9	89.1	89.5	89.9	89.9	90.2	90.4	90.4	91.0
IV 600	5.4	66.5	75.4	81.7	86.5	87.5	88.9	90.6	90.9	91.3	91.7	91.8	92.2	92.4	92.4	92.9
IV 500	5.4	66.6	75.8	82.2	87.3	88.5	90.3	92.2	92.4	92.8	93.2	93.3	93.7	93.9	93.9	94.4
IV 400	5.4	66.6	75.8	82.2	87.6	88.9	91.2	93.1	93.7	94.1	94.6	94.7	95.2	95.4	95.4	95.9
IV 300	5.4	66.6	75.8	82.3	87.7	89.0	91.3	93.5	94.3	94.9	95.6	95.8	96.5	96.8	96.9	97.5
IV 200	5.4	66.6	75.8	82.3	87.7	89.0	91.3	93.8	94.5	95.3	96.0	96.3	97.8	98.4	98.6	99.5
IV 100	5.4	66.6	75.8	82.3	87.7	89.0	91.3	93.8	94.5	95.3	96.0	96.3	97.8	98.4	98.7	99.7
IV 0	5.4	66.6	75.8	82.3	87.7	89.0	91.3	93.8	94.5	95.3	96.0	96.3	97.8	98.4	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 931

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AFB WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1713 SCYMOUR-JOHNSON AFB NC

66-70, 73-79

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1966-1979

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	8.3	56.8	58.7	59.4	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥20000	9.5	59.6	61.5	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥18000	9.6	59.9	61.8	62.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥16000	9.6	59.9	61.8	62.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥14000	9.6	60.6	62.6	63.3	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥12000	9.6	63.1	65.1	65.8	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	9.8	67.4	69.4	70.1	70.4	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥9000	9.8	67.6	69.8	70.5	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥8000	10.3	69.6	71.7	72.5	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥7000	10.4	71.1	73.2	74.0	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥6000	10.4	71.5	73.7	74.4	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥5000	10.4	72.9	75.4	76.1	76.7	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥4500	10.5	73.5	76.0	75.8	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥4000	10.5	74.6	77.4	78.2	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥3500	10.6	75.5	78.3	79.1	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥3000	10.9	77.1	80.0	80.9	81.5	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥2500	11.9	77.5	80.6	81.5	82.2	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥2000	11.3	80.8	84.1	85.2	85.8	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥1800	11.3	81.4	84.7	85.9	86.6	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥1500	11.4	83.1	86.6	87.8	88.8	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥1200	11.4	85.2	88.8	90.5	91.8	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥1000	11.4	86.7	91.0	92.8	94.1	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥900	11.4	87.0	91.4	93.2	94.6	94.8	94.8	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥800	11.4	87.2	91.8	93.7	95.4	95.9	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥700	11.4	87.6	92.5	94.4	96.2	96.8	96.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥600	11.4	87.7	92.8	94.9	97.0	97.5	97.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥500	11.4	88.2	93.4	95.7	97.8	98.5	98.6	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥400	11.4	88.2	93.4	95.7	97.8	98.5	98.6	99.1	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥300	11.4	88.2	93.4	95.7	98.0	98.6	98.8	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥200	11.4	88.2	93.4	95.7	98.0	98.6	98.8	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥100	11.4	88.2	93.4	95.7	98.0	98.6	98.8	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	11.4	88.2	93.4	95.7	98.0	98.6	98.8	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 AFCE/TAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7713 SEYMOUR-JOHNSON AFB NC

63-70,73-76

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	12.3	57.4	58.4	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 20000	12.3	63.3	64.3	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IV 18000	12.3	54.7	64.9	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
IV 16000	12.3	54.1	65.1	65.7	65.8	65.8	65.8	65.8	65.8	65.9	65.9	65.8	65.8	65.8	65.8	65.8
IV 14000	12.3	54.5	65.5	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
IV 12000	12.3	66.8	67.7	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
IV 10000	12.5	70.9	71.5	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 9000	12.5	71.8	73.0	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
IV 8000	12.6	74.6	76.0	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
IV 7000	12.7	75.5	76.9	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IV 6000	12.8	75.9	77.3	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IV 5000	12.8	77.6	79.0	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
IV 4500	12.8	77.7	79.1	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
IV 4000	13.1	80.1	81.5	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
IV 3500	13.4	82.2	83.5	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 3000	13.5	85.6	87.2	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
IV 2500	13.8	87.3	89.8	90.9	91.1	91.1	91.1	91.1	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3
IV 2000	13.8	90.1	92.0	93.1	93.4	93.4	93.4	93.4	93.4	93.5	93.7	93.7	93.7	93.7	93.7	93.7
IV 1800	13.8	91.3	92.4	93.4	93.8	93.8	93.8	93.8	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0
IV 1500	13.9	91.4	93.5	94.6	95.1	95.1	95.1	95.1	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3
IV 1200	13.9	92.3	94.5	95.5	96.3	96.5	96.5	96.5	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7
IV 1000	13.9	92.7	95.1	96.5	97.1	97.2	97.2	97.2	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4
IV 900	13.9	92.7	95.1	96.5	97.1	97.2	97.2	97.2	97.2	97.3	97.4	97.5	97.5	97.5	97.5	97.5
IV 800	13.9	92.9	95.4	96.8	97.4	97.6	97.6	97.6	97.6	97.8	98.0	98.1	98.1	98.1	98.1	98.1
IV 700	13.9	93.0	95.5	97.0	97.7	98.0	98.0	98.0	98.0	98.3	98.4	98.4	98.4	98.4	98.4	98.4
IV 600	13.9	93.2	95.7	97.2	98.3	98.6	98.6	98.6	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0
IV 500	13.9	93.5	96.0	97.5	98.6	98.9	99.0	99.0	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	13.9	93.5	96.0	97.5	98.6	98.9	99.0	99.0	99.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	13.9	93.5	96.0	97.6	98.7	99.0	99.0	99.0	99.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	13.9	93.5	96.0	97.6	98.7	99.0	99.0	99.0	99.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	13.9	93.5	96.0	97.6	98.7	99.0	99.0	99.0	99.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	13.9	93.5	96.0	97.6	98.7	99.0	99.0	99.0	99.0	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 932

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-77,73-79
YEAR

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LT)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0
NO CEILING	17.8	56.6	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 20000	12.0	64.7	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 18000	12.0	64.8	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 16000	12.2	64.9	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	12.5	66.7	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 12000	12.5	68.0	69.8	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
≥ 10000	12.4	71.6	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	73.5
≥ 9000	12.9	72.4	74.2	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	13.4	75.9	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 7000	13.9	78.0	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 6000	14.1	78.7	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	81.1
≥ 5000	14.1	81.0	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
≥ 4500	14.3	81.2	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 4000	14.7	84.7	86.9	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3
≥ 3500	14.7	87.0	89.1	89.5	89.6	89.6	89.6	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 3000	14.9	89.1	91.4	92.2	92.3	92.4	92.4	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 2500	14.9	90.2	92.6	93.3	93.5	93.7	93.7	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 2000	15.1	91.2	93.5	94.5	94.7	94.8	94.8	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1800	15.1	91.4	94.7	94.9	95.2	95.3	95.4	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1500	15.1	92.5	95.1	96.7	96.2	96.3	96.5	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1200	15.1	93.2	95.9	97.0	97.2	97.3	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1000	15.1	93.4	96.1	97.2	97.4	97.5	97.6	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900	15.1	93.4	96.1	97.2	97.4	97.5	97.6	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800	15.1	93.7	96.3	97.5	97.7	97.8	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 700	15.1	93.9	96.8	98.0	98.3	98.4	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	15.1	93.9	96.8	98.0	98.4	98.6	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	15.1	94.0	96.9	98.2	98.9	99.1	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	15.1	94.0	96.9	98.2	98.9	99.1	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	15.1	94.0	96.9	98.2	98.9	99.1	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	15.1	94.0	96.9	98.2	98.9	99.1	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	15.1	94.0	96.9	98.2	98.9	99.1	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	15.1	94.0	96.9	98.2	98.9	99.1	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17713 SEYMOUR-JOHNSON AFB NC

68-70, 73-79

MAY

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	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥0
NO CEILING	17.4	58.2	60.3	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥20000	11.0	66.7	68.8	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥18000	11.0	67.2	69.2	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥16000	11.4	67.6	69.6	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥14000	11.6	69.2	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
≥12000	11.8	71.2	73.2	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
≥10000	12.1	74.0	76.0	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥9000	12.1	74.9	77.0	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
≥8000	12.2	79.6	81.1	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥7000	12.2	79.8	82.3	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
≥6000	12.2	85.5	83.1	85.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥5000	12.6	82.1	84.8	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
≥4500	12.6	82.1	84.8	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	12.6	84.7	87.5	88.1	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥3500	12.6	85.7	88.5	89.1	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥3000	12.6	87.3	90.2	91.0	91.7	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥2500	12.6	88.5	91.5	92.4	93.2	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥2000	12.6	89.0	92.1	93.2	94.1	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥1800	12.6	89.2	92.4	93.4	94.4	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥1500	12.6	90.2	93.4	94.5	95.5	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥1200	12.6	91.3	94.5	95.6	96.6	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥1000	12.6	91.4	94.7	95.8	96.9	97.3	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥900	12.6	91.4	94.7	95.8	96.9	97.3	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥800	12.6	91.5	94.9	96.1	97.2	97.7	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥700	12.6	91.6	95.0	96.2	97.3	97.8	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥600	12.6	91.8	95.3	96.6	97.6	98.2	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥500	12.6	91.8	95.4	96.7	97.8	98.4	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥400	12.6	91.8	95.4	96.7	97.8	98.4	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥300	12.6	91.8	95.4	96.8	98.0	98.5	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥200	12.6	91.8	95.4	96.8	98.0	98.5	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥100	12.6	91.8	95.4	96.8	98.0	98.5	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥0	12.6	91.8	95.4	96.8	98.0	98.5	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 929

1573

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS - LT

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥0
NO CEILING	9.0	60.0	64.6	66.2	66.3	66.3	66.3	66.3	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 20000	8.1	64.7	69.4	71.5	71.6	71.6	71.7	71.7	71.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0
IV 18000	8.1	64.9	69.6	71.7	71.8	71.8	71.9	71.9	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2
IV 16000	8.2	65.7	69.8	71.8	71.9	71.9	72.0	72.0	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 14000	8.7	66.0	70.7	72.8	72.9	72.9	73.0	73.0	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3
IV 12000	9.0	67.6	72.3	74.4	74.5	74.5	74.6	74.6	74.6	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 10000	9.9	70.8	75.9	77.9	78.0	78.0	78.1	78.1	78.1	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IV 9000	9.6	71.2	76.1	78.4	78.5	78.5	78.6	78.6	78.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 8000	9.6	73.4	78.8	81.3	81.5	81.5	81.6	81.6	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 7000	9.7	74.8	80.3	82.8	83.0	83.0	83.1	83.1	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 6000	9.7	75.6	81.1	83.5	83.7	83.7	83.9	83.9	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 5000	9.8	77.0	82.5	84.9	85.1	85.1	85.3	85.3	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 4500	9.8	77.1	82.6	85.0	85.3	85.3	85.4	85.4	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 4000	9.8	78.7	84.3	86.9	87.5	87.5	87.6	87.6	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 3500	9.8	80.0	85.6	88.2	89.0	89.0	89.1	89.1	89.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 3000	9.9	81.5	87.3	90.0	90.9	90.9	91.0	91.0	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 2500	9.9	82.3	88.2	90.9	91.7	91.7	91.8	91.8	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 2000	9.9	83.4	89.3	92.2	93.1	93.2	93.3	93.3	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 1800	9.9	83.7	89.8	92.8	93.6	93.8	93.9	93.9	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 1500	9.9	84.2	90.3	93.5	94.6	94.7	95.0	95.0	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 1200	9.9	84.8	91.0	94.2	95.4	95.5	95.9	95.9	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 1000	9.9	84.9	91.1	94.3	95.5	95.6	96.0	96.0	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 900	9.9	84.9	91.1	94.4	95.6	95.7	96.1	96.1	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 800	9.9	85.3	91.4	94.7	96.0	96.3	96.8	96.8	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 700	9.9	85.3	91.4	94.8	96.1	96.4	96.9	97.0	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 600	9.9	85.3	91.4	94.8	96.2	96.6	97.0	97.1	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 500	9.9	86.0	92.4	96.0	97.6	98.0	98.5	98.6	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 400	9.9	86.0	92.4	96.0	97.6	98.0	98.5	98.6	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 300	9.9	86.0	92.5	96.1	97.8	98.3	98.9	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	9.9	86.0	92.5	96.1	97.8	98.3	98.9	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	9.9	86.0	92.5	96.1	97.8	98.3	98.9	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	9.9	86.0	92.5	96.1	97.8	98.3	98.9	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17713
STATION

SEYMOUR-JOHNSON AFB TX
STATION NAME

68-70,73-79
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (ST)

CEILING (FEET)	VISIBILITY STATUTE MILES:															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING	7.7	54.5	57.3	59.3	60.2	60.4	60.6	60.8	60.9	61.0	61.1	61.1	61.2	61.2	61.2	61.3
≥ 20000	8.3	58.9	62.5	64.2	65.1	65.4	65.6	65.8	65.9	66.0	66.1	66.1	66.2	66.2	66.2	66.3
IV 18000	8.4	59.2	62.8	64.4	65.4	65.6	65.9	66.1	66.2	66.3	66.4	66.4	66.5	66.5	66.5	66.6
IV 16000	8.5	59.4	62.9	64.6	65.6	65.8	66.1	66.3	66.3	66.5	66.6	66.6	66.7	66.7	66.7	66.8
IV 14000	8.7	60.2	63.8	65.5	66.5	66.7	67.0	67.2	67.2	67.4	67.5	67.5	67.6	67.6	67.6	67.7
IV 12000	8.9	61.8	65.4	67.2	68.2	68.4	68.7	68.9	68.9	69.1	69.2	69.2	69.3	69.3	69.3	69.4
IV 10000	9.1	64.9	68.6	70.4	71.5	71.7	72.0	72.2	72.2	72.4	72.5	72.5	72.6	72.6	72.6	72.7
IV 9000	9.2	65.4	69.2	71.0	72.1	72.3	72.6	72.8	72.9	73.1	73.1	73.1	73.2	73.2	73.2	73.3
IV 8000	9.4	67.9	72.1	74.0	75.1	75.3	75.6	75.8	75.9	76.3	76.2	76.2	76.2	76.3	76.3	76.4
IV 7000	9.5	69.2	73.3	75.3	76.4	76.6	76.9	77.2	77.2	77.4	77.5	77.5	77.6	77.6	77.6	77.7
IV 6000	9.5	69.8	74.1	76.0	77.1	77.4	77.7	77.9	78.0	78.1	78.3	78.3	78.4	78.4	78.4	78.5
IV 5000	9.6	71.3	75.7	77.8	79.0	79.3	79.6	79.8	79.9	80.0	80.2	80.2	80.3	80.3	80.3	80.4
IV 4500	9.7	71.8	76.0	78.1	79.3	79.6	79.9	80.2	80.2	80.4	80.5	80.5	80.6	80.6	80.7	80.7
IV 4000	9.7	73.4	77.9	80.1	81.4	81.7	82.1	82.4	82.5	82.6	82.6	82.8	82.9	82.9	82.9	83.0
IV 3500	9.8	74.6	79.2	81.5	82.9	83.2	83.6	83.9	84.0	84.1	84.3	84.3	84.4	84.4	84.4	84.5
IV 3000	9.9	76.2	80.9	83.3	84.8	85.2	85.6	85.9	86.0	86.1	86.3	86.3	86.4	86.4	86.4	86.5
IV 2500	9.9	77.0	81.9	84.3	86.0	86.4	86.8	87.1	87.2	87.4	87.5	87.5	87.6	87.6	87.6	87.7
IV 2000	10.0	78.2	83.2	85.8	87.5	87.9	88.3	88.6	88.7	88.9	89.0	89.1	89.2	89.2	89.2	89.3
IV 1800	10.0	78.4	83.5	86.2	87.9	88.3	88.7	89.0	89.1	89.3	89.5	89.5	89.6	89.6	89.6	89.7
IV 1500	10.0	79.3	84.4	87.2	89.1	89.5	90.0	90.3	90.4	90.6	90.7	90.7	90.8	90.9	90.9	91.0
IV 1200	10.0	80.4	85.6	88.6	90.6	91.0	91.6	91.9	92.0	92.2	92.3	92.3	92.4	92.4	92.4	92.5
IV 1000	10.0	80.9	86.4	89.5	91.6	92.1	92.6	93.0	93.1	93.2	93.4	93.4	93.5	93.5	93.5	93.6
IV 900	10.0	81.2	86.7	89.9	92.1	92.6	93.2	93.6	93.7	93.9	94.0	94.0	94.1	94.1	94.1	94.2
IV 800	10.0	81.6	87.3	90.7	93.0	93.6	94.3	94.7	94.8	95.0	95.2	95.2	95.3	95.3	95.3	95.4
IV 700	10.0	81.9	87.8	91.2	93.6	94.3	95.0	95.4	95.5	95.7	95.9	95.9	96.0	96.0	96.0	96.1
IV 600	10.0	82.2	88.1	91.7	94.3	95.0	95.7	96.3	96.4	96.6	96.7	96.8	96.8	96.9	96.9	97.0
IV 500	10.0	82.6	88.6	92.3	95.1	95.9	96.8	97.4	97.6	97.8	98.0	98.1	98.1	98.2	98.2	98.3
IV 400	10.0	82.6	88.7	92.3	95.2	96.1	97.1	97.7	98.0	98.3	98.5	98.5	98.6	98.6	98.7	98.7
IV 300	10.0	82.6	88.7	92.4	95.3	96.2	97.4	98.2	98.5	98.8	99.0	99.1	99.3	99.3	99.3	99.4
IV 200	10.0	82.6	88.7	92.4	95.4	96.3	97.4	98.3	98.6	99.0	99.2	99.3	99.3	99.6	99.6	99.8
IV 100	10.0	82.6	88.7	92.4	95.4	96.3	97.4	98.3	98.6	99.0	99.2	99.3	99.6	99.6	99.8	99.9
IV 0	10.0	82.6	88.7	92.4	95.4	96.3	97.4	98.3	98.6	99.0	99.2	99.3	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7437

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AWP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

63-70, 73-79
YEARS

JULY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.7	≥.6	≥.5	≥.4	≥.3
NO CEILING	1.4	42.9	58.1	62.9	66.0	66.7	67.1	67.3	67.3	67.3	67.4	67.4	67.4	67.6	67.6	67.7
≥ 20000	1.7	51.9	61.3	66.8	71.0	70.9	71.4	71.7	71.7	71.7	71.8	71.8	71.8	71.9	71.9	72.0
≥ 18000	1.7	52.1	61.4	66.9	71.1	71.1	71.6	71.8	71.8	71.8	71.9	71.9	72.0	72.0	72.0	72.1
≥ 16000	1.8	52.4	61.9	67.4	71.7	71.6	72.1	72.3	72.3	72.3	72.4	72.4	72.6	72.6	72.6	72.7
≥ 14000	1.8	53.4	62.9	68.9	72.1	73.0	73.6	73.8	73.8	73.8	73.9	73.9	74.3	74.3	74.3	74.1
≥ 12000	1.8	54.3	64.1	70.3	73.6	74.4	75.0	75.2	75.2	75.2	75.3	75.3	75.4	75.4	75.4	75.6
≥ 10000	2.0	56.9	67.3	74.1	77.4	78.3	78.9	79.1	79.1	79.1	79.2	79.2	79.3	79.3	79.3	79.4
≥ 9000	2.0	57.6	68.0	74.8	78.1	79.0	79.6	79.8	79.8	79.8	79.9	79.9	80.0	80.0	80.0	80.1
≥ 8000	2.0	59.1	69.8	76.8	80.2	81.1	81.7	81.9	81.9	81.9	82.0	82.0	82.1	82.1	82.1	82.2
≥ 7000	2.0	59.7	70.3	77.3	80.8	81.7	82.2	82.4	82.4	82.4	82.6	82.6	82.7	82.7	82.7	82.8
≥ 6000	2.0	60.1	73.8	73.1	81.4	82.3	82.9	83.1	83.1	83.1	83.2	83.2	83.3	83.3	83.3	83.4
≥ 5000	2.0	62.0	73.2	80.7	84.1	85.0	85.6	85.8	85.8	85.8	85.9	85.9	86.0	86.0	86.0	86.1
≥ 4500	2.0	62.1	73.4	80.9	84.3	85.2	85.8	86.0	86.0	86.0	86.1	86.1	86.2	86.2	86.2	86.3
≥ 4000	2.0	63.3	74.9	82.4	86.2	87.1	87.8	88.0	88.0	88.0	88.1	88.1	88.2	88.2	88.2	88.3
≥ 3500	2.0	63.7	75.2	82.9	86.7	87.6	88.2	88.4	88.4	88.4	88.6	88.6	88.7	88.7	88.7	88.8
≥ 3000	2.0	64.6	76.3	84.3	88.3	89.2	89.9	90.2	90.2	90.2	90.3	90.3	90.4	90.4	90.4	90.6
≥ 2500	2.0	65.2	77.1	85.3	89.6	90.4	91.2	91.6	91.6	91.6	91.7	91.7	91.8	91.8	91.8	91.9
≥ 2000	2.0	65.6	77.8	86.2	90.6	91.4	92.2	92.6	92.6	92.6	92.7	92.7	92.8	92.8	92.8	92.9
≥ 1800	2.0	65.6	77.8	86.2	90.6	91.4	92.2	92.6	92.6	92.6	92.7	92.7	92.8	92.8	92.8	92.9
≥ 1500	2.0	65.9	78.2	86.7	91.2	92.1	92.9	93.3	93.3	93.3	93.4	93.4	93.6	93.6	93.7	93.8
≥ 1200	2.0	66.2	78.7	87.1	92.0	92.9	93.7	94.1	94.2	94.2	94.3	94.3	94.4	94.4	94.6	94.7
≥ 1000	2.0	66.4	79.0	87.6	92.4	93.3	94.2	94.7	94.8	94.8	94.9	94.9	95.0	95.0	95.1	95.2
≥ 900	2.0	66.7	79.3	88.0	92.9	93.8	94.8	95.2	95.3	95.3	95.4	95.4	95.6	95.6	95.7	95.8
≥ 800	2.2	67.1	80.0	88.8	93.7	94.6	95.7	96.1	96.2	96.2	96.3	96.3	96.4	96.4	96.6	96.7
≥ 700	2.2	67.3	80.2	89.3	94.2	95.1	96.2	96.7	96.8	96.8	96.9	96.9	97.0	97.0	97.1	97.2
≥ 600	2.2	67.8	81.1	90.1	95.0	95.9	97.0	97.4	97.6	97.6	97.7	97.7	97.8	97.8	97.9	98.0
≥ 500	2.2	67.9	81.4	90.8	95.7	96.6	97.7	98.1	98.2	98.2	98.3	98.3	98.4	98.4	98.6	98.7
≥ 400	2.2	68.2	81.8	91.0	96.1	97.0	98.3	98.8	98.9	98.9	99.0	99.0	99.1	99.1	99.2	99.3
≥ 300	2.2	68.2	81.9	91.1	96.3	97.2	98.7	99.2	99.3	99.3	99.4	99.4	99.6	99.6	99.7	99.8
≥ 200	2.2	68.2	81.8	91.1	96.3	97.3	98.8	99.3	99.4	99.4	99.4	99.6	99.6	99.7	99.7	99.9
≥ 100	2.2	68.2	81.8	91.1	96.3	97.3	98.8	99.3	99.4	99.4	99.6	99.6	99.7	99.7	99.8	99.9
≥ 0	2.2	68.2	81.8	91.1	96.3	97.3	98.8	99.3	99.4	99.4	99.6	99.6	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

66-70, 73-79
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-1500
HOURS IST

CEILING (FEET)	VISIBILITY STATUTE MILES.															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.5	≥.5	≥.5	≥.5	≥.5
NO CEILING	.7	32.9	42.9	53.9	56.7	58.7	60.4	62.4	62.7	63.1	63.7	63.7	64.0	64.0	64.2	64.2
≥ 20000	.7	34.0	44.9	53.3	59.8	61.9	64.0	66.1	66.3	66.8	67.3	67.3	67.7	67.7	67.9	68.0
IV 18000	.7	34.1	45.7	53.4	59.9	62.7	64.1	66.2	66.4	66.9	67.4	67.4	67.8	67.8	68.0	68.1
IV 16000	.7	34.2	45.1	53.6	60.0	62.1	64.2	66.3	66.6	67.3	67.6	67.6	67.9	67.9	68.1	68.2
IV 14000	.7	35.2	45.1	54.6	61.2	63.3	65.4	67.6	67.8	68.2	68.8	68.8	69.1	69.1	69.3	69.4
IV 12000	.7	35.9	46.9	55.6	62.3	64.6	66.7	68.8	69.0	69.4	70.0	70.0	70.3	70.3	70.6	70.7
IV 10000	.7	37.9	49.8	58.7	65.4	67.7	70.0	72.3	72.6	73.0	73.6	73.6	73.9	73.9	74.1	74.2
IV 9000	.7	38.1	50.1	59.1	65.9	68.1	70.4	72.8	73.0	73.4	74.0	74.0	74.3	74.3	74.7	74.8
IV 8000	.7	39.9	52.7	61.2	68.1	70.3	72.7	75.0	75.2	75.7	76.2	76.2	76.6	76.6	76.9	77.0
IV 7000	.7	40.2	52.3	61.7	68.7	70.9	73.2	75.6	75.8	76.2	76.8	76.8	77.1	77.1	77.4	77.6
IV 6000	.7	40.6	52.8	62.6	69.6	71.8	74.1	76.4	76.7	77.1	77.7	77.7	78.1	78.1	78.4	78.6
IV 5000	.7	41.2	53.6	63.7	70.9	73.1	75.4	77.8	78.0	78.4	79.0	79.0	79.4	79.4	79.8	79.9
IV 4500	.7	41.4	53.8	63.9	71.1	73.3	75.7	78.0	78.2	78.7	79.2	79.2	79.7	79.7	80.0	80.1
IV 4000	.7	42.8	55.1	65.6	72.8	75.0	77.3	79.7	79.9	80.4	81.0	81.0	81.4	81.4	81.8	81.9
IV 3500	.7	43.2	55.6	66.1	73.3	75.6	78.0	80.3	80.6	81.1	81.7	81.7	82.1	82.1	82.4	82.6
IV 3000	.7	43.6	56.1	66.8	74.3	76.6	79.0	81.3	81.6	82.1	82.7	82.7	83.1	83.1	83.4	83.6
IV 2500	.7	44.1	57.0	67.7	75.4	77.9	80.3	82.8	83.0	83.6	84.1	84.1	84.6	84.6	84.9	85.0
IV 2000	.7	44.8	57.8	68.7	76.7	79.1	81.7	84.1	84.3	84.9	85.4	85.4	85.9	85.9	86.2	86.3
IV 1800	.7	44.9	57.9	68.8	76.8	79.2	81.8	84.2	84.6	85.1	85.7	85.7	86.1	86.1	86.4	86.6
IV 1500	.7	45.1	58.4	69.3	77.4	79.8	82.0	84.6	85.1	85.4	86.0	86.0	86.6	86.6	87.0	87.6
IV 1200	.8	45.8	59.3	70.4	78.8	81.4	84.0	86.7	87.0	87.6	88.1	88.1	88.6	88.6	89.0	89.1
IV 1000	.8	46.2	59.8	70.9	79.2	81.9	84.4	87.2	87.6	88.1	88.7	88.7	89.1	89.1	89.4	89.7
IV 900	.8	46.3	60.0	71.6	80.1	83.0	85.7	88.4	88.8	89.3	89.9	89.9	90.3	90.3	90.8	90.9
IV 800	.8	46.9	60.7	72.2	80.9	83.9	86.6	89.3	89.7	90.2	90.8	90.8	91.2	91.2	91.7	91.8
IV 700	.8	46.9	60.7	72.2	80.9	83.9	86.7	89.8	90.1	90.7	91.2	91.2	91.8	91.8	92.2	92.3
IV 600	.8	47.0	60.8	72.9	81.7	84.8	87.6	90.9	91.2	91.9	92.4	92.4	93.0	93.0	93.4	93.6
IV 500	.8	47.2	61.4	73.6	82.7	86.0	89.0	92.3	92.7	93.3	93.9	93.9	94.4	94.4	95.0	95.1
IV 400	.8	47.4	62.1	74.2	83.9	87.2	90.7	94.2	94.7	95.3	95.9	95.9	96.4	96.4	97.0	97.1
IV 300	.8	47.4	62.3	74.6	84.6	87.9	91.3	95.1	95.6	96.2	96.8	96.8	97.3	97.3	97.9	98.1
IV 200	.8	47.4	62.4	74.7	84.7	88.0	91.6	95.4	96.0	96.8	97.6	97.6	98.1	98.1	98.8	99.2
IV 100	.8	47.4	62.4	74.7	84.7	88.0	91.6	95.4	96.0	96.9	97.8	97.8	98.6	98.6	99.3	99.8
IV 0	.8	47.4	62.4	74.7	84.7	88.0	91.6	95.4	96.0	96.9	97.8	97.8	98.6	98.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 937

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

600-0800
HOURS LST

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.025	≥.01	≥0
NO CEILING	2.0	39.8	44.1	49.9	53.3	54.8	55.8	57.4	57.7	58.1	58.6	58.7	58.8	58.8	58.8	58.9
≥ 20000	2.0	42.9	47.9	53.8	57.7	59.4	60.4	62.3	62.6	63.0	63.4	63.6	63.7	64.1	64.1	64.3
IV 18000	2.0	43.1	48.1	54.1	57.9	59.8	60.8	62.8	63.0	63.4	63.9	64.0	64.1	64.6	64.6	64.8
≥ 16000	2.0	43.3	48.3	54.2	58.1	60.0	61.0	63.0	63.2	63.7	64.1	64.2	64.3	64.8	64.8	65.0
IV 14000	2.0	44.6	49.8	55.7	59.5	61.4	62.4	64.4	64.7	65.1	65.6	65.7	65.8	66.2	66.2	66.4
≥ 12000	2.0	45.4	50.7	56.8	60.7	62.6	63.6	65.6	65.8	66.2	66.7	66.8	66.9	67.3	67.3	67.6
IV 10000	2.0	47.9	53.8	60.0	64.3	66.2	67.2	69.2	69.4	69.9	70.3	70.4	70.6	71.0	71.0	71.2
≥ 9000	2.0	48.6	54.6	60.8	65.1	67.1	68.2	70.2	70.4	70.9	71.3	71.4	71.6	72.0	72.0	72.2
IV 8000	2.0	49.8	56.3	62.6	67.2	69.3	70.4	72.8	73.1	73.7	74.1	74.2	74.3	74.8	74.8	75.0
≥ 7000	2.0	50.7	56.9	63.6	68.3	70.4	71.6	73.9	74.2	74.8	75.2	75.3	75.4	75.9	75.9	76.1
IV 6000	2.0	51.1	57.4	64.1	68.9	71.0	72.1	74.4	74.8	75.3	75.8	75.9	76.0	76.4	76.4	76.7
≥ 5000	2.0	51.7	58.1	64.8	69.6	71.7	72.9	75.2	75.6	76.1	76.6	76.7	76.8	77.3	77.3	77.6
IV 4500	2.0	52.1	58.4	65.2	70.0	72.1	73.3	75.7	76.0	76.6	77.0	77.1	77.2	77.8	77.8	78.0
≥ 4000	2.0	52.6	59.0	65.8	70.6	72.8	74.0	76.3	76.7	77.2	77.7	77.8	77.9	78.4	78.4	78.7
IV 3500	2.0	53.1	59.6	66.3	71.1	73.3	74.6	77.0	77.3	77.9	78.4	78.6	78.7	79.2	79.2	79.4
≥ 3000	2.0	53.6	60.2	67.0	72.0	74.2	75.6	78.1	78.4	79.0	79.6	79.7	79.8	80.3	80.3	80.6
IV 2500	2.0	53.9	60.6	67.3	72.6	74.8	76.1	78.9	79.2	79.8	80.3	80.4	80.6	81.1	81.1	81.3
≥ 2000	2.0	54.3	61.1	68.0	73.2	75.4	76.8	79.8	80.1	80.7	81.2	81.3	81.4	82.0	82.0	82.2
IV 1800	2.0	54.4	61.2	68.1	73.3	75.6	76.9	80.0	80.4	81.0	81.6	81.7	81.8	82.3	82.3	82.6
≥ 1500	2.0	54.7	61.4	68.3	73.7	75.9	77.2	80.3	80.9	81.4	82.0	82.1	82.2	82.8	82.8	83.0
IV 1200	2.1	55.1	61.9	68.7	74.8	77.0	78.3	81.4	82.0	82.6	83.1	83.2	83.3	83.9	83.9	84.1
≥ 1000	2.1	56.1	63.0	70.2	76.1	78.4	79.9	83.1	83.8	84.3	84.9	85.0	85.1	85.7	85.7	85.9
IV 900	2.1	56.6	63.4	70.8	76.7	79.1	80.7	83.9	84.6	85.1	85.7	85.8	85.9	86.4	86.4	86.7
≥ 800	2.1	57.2	64.3	71.8	78.0	80.7	82.2	85.6	86.2	86.8	87.3	87.4	87.6	88.1	88.1	88.3
IV 700	2.1	57.9	65.2	72.7	79.0	81.8	83.3	86.8	87.4	88.0	88.6	88.7	88.8	89.3	89.3	89.6
≥ 600	2.1	58.4	66.3	74.2	80.8	83.7	85.7	89.8	90.0	90.8	91.3	91.4	91.6	92.1	92.1	92.3
IV 500	2.1	58.7	66.9	75.2	82.1	85.1	87.4	91.3	92.0	92.8	93.3	93.4	93.6	94.1	94.1	94.3
≥ 400	2.1	58.9	67.4	75.9	83.1	86.3	89.3	93.4	94.1	95.2	95.8	95.9	96.2	97.0	97.0	97.4
IV 300	2.1	58.9	67.4	76.0	83.4	86.7	89.8	94.1	95.1	96.3	96.9	97.0	97.6	98.3	98.3	98.8
≥ 200	2.1	58.9	67.4	76.0	83.4	86.7	89.8	94.2	95.3	96.6	97.1	97.2	98.1	98.9	98.9	99.6
IV 100	2.1	58.9	67.4	76.0	83.4	86.7	89.8	94.2	95.3	96.6	97.1	97.2	98.1	98.9	99.0	99.9
≥ 0	2.1	58.9	67.4	76.0	83.4	86.7	89.8	94.2	95.3	96.6	97.1	97.2	98.1	98.9	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

56-70, 73-79
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

900-1100
HOURS (LT)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.25	≥.2	≥.15	≥.1
NO CEILING	3.1	59.7	62.7	63.1	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 20000	3.2	65.0	67.7	68.9	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
IV 18000	3.2	66.0	68.7	69.9	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
IV 16000	3.2	66.0	68.7	69.9	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
IV 14000	3.2	66.7	69.3	70.6	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
IV 12000	3.2	67.0	69.7	70.9	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IV 10000	3.3	69.9	72.7	73.9	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
IV 9000	3.3	70.8	73.6	74.8	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
IV 8000	3.4	73.7	76.8	78.1	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 7000	3.4	74.6	77.8	79.2	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 6000	3.4	74.9	78.2	79.9	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 5000	3.4	75.1	78.7	80.4	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 4500	3.4	75.2	78.8	80.6	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 4000	3.4	75.2	78.8	80.6	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
IV 3500	3.4	75.7	79.4	81.2	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
IV 3000	3.6	77.6	81.8	83.8	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 2500	3.6	78.8	83.1	85.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 2000	3.5	80.8	85.1	87.1	88.3	88.6	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8
IV 1800	3.5	81.1	85.4	87.7	88.9	89.1	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3
IV 1500	3.8	82.8	87.3	89.6	90.8	91.0	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3
IV 1200	4.0	84.7	89.4	91.8	93.2	93.4	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8
IV 1000	4.0	86.0	91.7	93.8	95.3	95.7	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0
IV 900	4.0	86.1	91.8	93.9	95.4	95.9	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2
IV 800	4.0	87.3	92.4	95.3	97.0	97.4	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9
IV 700	4.0	87.6	92.7	95.7	97.4	97.9	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
IV 600	4.0	87.9	93.1	96.1	97.9	98.3	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
IV 500	4.0	88.2	93.6	96.7	98.4	98.9	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	4.0	88.3	93.7	96.9	98.7	99.1	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
IV 300	4.0	88.3	93.7	96.9	98.7	99.1	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	4.0	88.3	93.7	96.9	98.7	99.1	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	4.0	88.3	93.7	96.9	98.7	99.1	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	4.0	88.3	93.7	96.9	98.7	99.1	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥0
NO CEILING	2.7	58.6	61.3	67.4	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 20000	3.1	67.1	69.1	69.4	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 18000	3.1	67.7	68.7	71.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 16000	3.1	67.8	69.8	70.2	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
IV 14000	3.2	69.1	71.1	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
IV 12000	3.3	69.7	71.7	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 10000	3.9	72.8	74.8	75.2	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
IV 9000	4.0	73.3	75.3	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
IV 8000	4.2	75.4	77.4	77.9	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IV 7000	4.2	77.1	79.1	79.6	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
IV 6000	4.2	77.7	79.7	80.2	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 5000	4.2	78.6	80.6	81.4	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 4500	4.2	79.2	81.4	82.1	82.4	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 4000	4.2	80.7	83.0	83.7	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IV 3500	4.2	82.8	85.3	86.2	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IV 3000	4.7	86.8	89.4	90.3	90.8	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 2500	4.9	88.0	90.8	91.7	92.1	92.1	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 2000	4.9	89.7	92.6	93.7	94.1	94.1	94.2	94.4	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6
IV 1800	4.9	90.3	92.9	94.1	94.6	94.6	94.7	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0
IV 1500	4.9	91.3	94.2	95.7	96.3	96.3	96.4	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8
IV 1200	4.9	92.4	95.6	97.0	97.8	97.8	97.9	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 1000	4.9	92.9	96.1	97.7	98.4	98.4	98.4	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
IV 900	4.9	92.9	96.1	97.7	98.4	98.4	98.4	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
IV 800	4.9	93.1	96.4	98.0	98.9	98.9	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 700	4.9	93.1	96.4	98.0	98.9	98.9	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 600	4.9	93.2	96.7	98.2	99.2	99.2	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	4.9	93.3	97.0	98.6	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	4.9	93.3	97.0	98.6	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	4.9	93.3	97.0	98.6	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	4.9	93.3	97.0	98.6	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	4.9	93.3	97.0	98.6	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	4.9	93.3	97.0	98.6	99.6	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1:713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

JULY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LST

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.75	≥.5	≥.25	≥.1	≥.05	≥.0
NO CEILING	3.2	57.2	57.8	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
≥ 20000	4.3	68.8	69.6	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
IV 18000	4.3	69.7	70.6	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
IV 16000	4.3	69.8	70.7	71.1	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 14000	4.3	71.4	72.4	73.2	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 12000	4.9	73.2	74.2	75.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IV 10000	5.0	75.8	76.9	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IV 9000	5.0	76.0	77.2	78.0	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IV 8000	5.2	78.1	79.4	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
IV 7000	5.2	79.9	81.6	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 6000	5.6	81.2	82.9	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 5000	5.6	81.8	83.6	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 4500	5.6	82.7	83.8	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 4000	5.7	83.8	85.5	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 3500	5.8	85.7	87.4	88.4	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 3000	6.1	88.8	91.4	92.4	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 2500	6.1	89.9	92.7	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 2000	6.2	91.0	93.8	95.1	95.6	95.7	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 1800	6.2	91.2	94.0	95.6	96.0	96.1	96.2	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 1500	6.2	92.0	94.9	96.7	97.1	97.2	97.3	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 1200	6.2	92.7	95.7	97.4	98.0	98.1	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1000	6.2	92.7	95.7	97.6	98.1	98.2	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 900	6.2	92.8	95.8	97.8	98.3	98.4	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 800	6.2	93.0	96.0	98.0	98.9	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 700	6.2	93.2	96.2	98.2	99.1	99.2	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 600	6.2	93.3	96.3	98.4	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	6.2	93.3	96.3	98.4	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	6.2	93.3	96.3	98.4	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	6.2	93.3	96.3	98.4	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	6.2	93.3	96.3	98.4	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	6.2	93.3	96.3	98.4	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	6.2	93.3	96.3	98.4	99.6	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 950

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1.713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2100
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥0
NO CEILING	3.9	58.7	60.1	61.2	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 20000	5.0	69.4	71.3	72.7	73.2	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
IV 18000	5.0	69.8	72.3	73.6	74.1	74.2	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IV 16000	5.0	70.1	72.3	73.9	74.4	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
IV 14000	5.0	71.1	73.3	74.9	75.4	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
IV 12000	5.0	72.9	75.2	76.9	77.4	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV 10000	5.4	75.2	78.0	79.7	80.2	80.3	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 9000	5.4	75.4	78.3	80.1	80.7	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 8000	5.6	77.7	81.6	82.4	83.0	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 7000	5.6	79.7	82.7	83.9	84.4	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 6000	5.8	80.8	83.8	85.7	86.2	86.3	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 5000	5.8	81.8	84.8	86.8	87.3	87.4	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 4500	5.8	82.0	85.0	87.0	87.6	87.7	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
IV 4000	5.8	83.0	86.2	88.3	89.0	89.1	89.2	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 3500	5.8	83.8	87.4	89.6	90.2	90.4	90.6	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IV 3000	5.8	85.1	89.0	91.4	92.3	92.6	92.7	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 2500	5.8	85.9	90.0	92.6	93.4	93.7	93.9	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 2000	5.8	87.0	91.3	94.1	95.0	95.2	95.4	95.6	95.6	95.8	95.9	95.9	95.9	95.9	95.9	95.9
IV 1800	5.8	87.6	91.9	94.8	95.7	95.9	96.1	96.2	96.2	96.4	96.6	96.6	96.6	96.6	96.6	96.6
IV 1500	5.8	88.1	92.4	95.6	96.4	96.7	96.9	97.0	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3
IV 1200	5.8	88.4	92.9	96.1	97.1	97.3	97.6	97.8	97.8	98.0	98.2	98.2	98.2	98.2	98.2	98.2
IV 1000	5.8	88.7	93.1	96.3	97.3	97.6	97.8	98.0	98.0	98.2	98.4	98.4	98.4	98.4	98.4	98.4
IV 900	5.8	88.8	93.2	96.4	97.4	97.7	97.9	98.1	98.2	98.4	98.7	98.7	98.7	98.7	98.7	98.7
IV 800	5.8	88.9	93.3	96.6	97.6	97.8	98.0	98.2	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8
IV 700	5.8	88.9	93.3	96.6	97.6	97.8	98.0	98.2	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.8
IV 600	5.8	89.3	93.9	97.3	98.3	98.6	98.8	99.0	99.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6
IV 500	5.8	89.3	93.9	97.3	98.4	98.7	99.0	99.2	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	5.8	89.3	93.9	97.3	98.4	98.7	99.0	99.2	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	5.8	89.3	93.9	97.3	98.4	98.7	99.0	99.2	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	5.8	89.3	93.9	97.3	98.4	98.7	99.0	99.2	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	5.8	89.3	93.9	97.3	98.4	98.7	99.0	99.2	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	5.8	89.3	93.9	97.3	98.4	98.7	99.0	99.2	99.3	99.6	99.8	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 WPAFFAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13713
 STATION

SEYMOUR-JOHNSON AFB NC
 STATION NAME

58-70, 73-79
 YEAR

JULY
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1100-2300
 HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥.75	≥.5	≥.25	≥.10	≥.05	≥.01	0
NO CEILING	2.7	60.2	64.7	67.4	67.9	66.3	66.3	66.4	66.4	63.7	62.7	63.7	63.7	68.7	63.7	69.7
≥ 20000	2.8	55.3	71.1	74.7	74.4	74.9	75.1	75.3	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6
IV 18000	1.8	65.8	71.7	74.8	75.2	75.8	76.0	76.2	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4
IV 16000	2.9	66.3	71.9	75.0	75.4	76.0	76.2	76.4	76.4	76.4	76.7	76.7	76.7	76.7	76.7	76.7
IV 14000	2.3	66.4	72.3	75.4	75.9	76.4	76.7	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 12000	2.8	67.6	74.0	77.3	77.8	78.3	78.6	78.6	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0
IV 10000	3.2	69.7	76.1	79.6	80.1	80.7	81.0	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IV 9000	3.2	70.3	76.7	80.1	80.7	81.2	81.6	81.6	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV 8000	3.2	71.4	78.1	81.8	82.3	82.9	83.2	83.4	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 7000	3.2	72.6	79.2	82.9	83.4	84.0	84.3	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 6000	3.2	73.3	80.0	83.7	84.2	84.8	85.1	85.2	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 5000	3.2	75.1	81.9	85.6	86.1	86.7	87.0	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 4500	3.2	75.3	82.2	85.9	86.4	87.0	87.3	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 4000	3.2	76.7	83.8	87.6	88.1	88.7	89.0	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 3500	3.2	77.6	85.1	89.1	89.9	90.4	90.8	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 3000	3.2	78.6	86.3	90.9	92.1	92.7	93.0	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 2500	3.2	79.0	86.9	91.7	92.9	93.4	93.8	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 2000	3.2	80.3	88.3	93.3	94.8	95.3	95.7	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 1800	3.2	80.1	88.4	93.4	94.9	95.4	95.8	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 1500	3.2	81.3	89.6	94.7	96.2	96.8	97.1	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 1200	3.2	81.0	89.7	95.5	96.6	97.3	97.8	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1000	3.2	82.3	90.0	95.4	97.1	97.9	98.4	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 900	3.2	81.4	90.2	95.7	97.3	98.1	98.7	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 800	3.2	81.4	90.3	95.8	97.4	98.2	98.8	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 700	3.2	81.4	90.3	95.8	97.4	98.2	98.8	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 600	3.2	81.8	90.7	96.1	97.8	98.6	99.1	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 500	3.2	81.9	90.8	96.2	98.0	98.8	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	3.2	81.9	90.8	96.2	98.0	98.8	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	3.2	81.9	90.8	96.2	98.0	98.8	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	3.2	81.9	90.8	96.2	98.0	98.8	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	3.2	81.9	90.8	96.2	98.0	98.8	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	3.2	81.9	90.8	96.2	98.0	98.8	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17713 SEYMOUR-JOHNSON AFB NC

68-77, 73-79

JUN
1970

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
STATIONS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	2.5	52.0	58.2	59.2	61.0	61.6	62.0	62.5	62.6	62.7	62.9	62.9	62.9	62.9	63.0	63.0
≥ 20000	2.8	58.1	62.9	66.1	68.1	65.8	69.3	69.6	69.9	70.3	70.2	71.2	71.2	70.3	70.3	70.4
IV 18000	2.8	58.5	63.4	66.7	68.7	69.4	69.9	70.5	70.5	70.7	70.8	70.8	70.9	70.9	71.0	71.0
IV 16000	2.9	58.7	63.6	66.9	68.9	69.6	70.1	70.7	70.7	70.9	71.0	71.0	71.1	71.2	71.2	71.2
IV 14000	2.9	59.8	64.7	68.1	70.1	70.8	71.3	71.9	71.9	72.1	72.2	72.2	72.3	72.4	72.4	72.4
IV 12000	3.7	60.8	65.8	69.4	71.4	72.1	72.6	73.2	73.2	73.4	73.5	73.5	73.6	73.7	73.7	73.7
IV 10000	3.2	63.3	67.7	70.3	74.4	75.2	75.7	76.3	76.4	76.5	76.7	76.7	76.7	76.8	76.8	76.9
IV 9000	3.2	63.7	69.2	72.9	75.0	75.8	76.3	76.9	77.0	77.1	77.3	77.3	77.3	77.4	77.4	77.5
IV 8000	3.3	65.6	71.3	75.2	77.4	78.2	78.7	79.3	79.4	79.6	79.7	79.7	79.8	79.8	79.9	79.9
IV 7000	3.3	66.7	72.4	76.3	78.5	79.3	79.8	80.5	80.6	80.7	80.9	80.9	80.9	81.0	81.0	81.1
IV 6000	3.4	67.5	73.2	77.3	79.5	80.2	80.8	81.4	81.5	81.7	81.8	81.8	81.9	81.9	82.0	82.0
IV 5000	3.4	68.4	74.3	78.5	80.7	81.5	82.0	82.7	82.8	82.9	83.1	83.1	83.2	83.2	83.3	83.3
IV 4500	3.4	68.7	74.6	78.8	81.0	81.8	82.3	83.0	83.1	83.2	83.4	83.4	83.5	83.5	83.6	83.6
IV 4000	3.4	69.8	75.8	80.1	82.0	83.1	83.7	84.4	84.5	84.6	84.9	84.8	84.9	84.9	85.0	85.0
IV 3500	3.4	70.6	76.9	81.2	83.0	84.3	84.9	85.6	85.7	85.9	86.0	86.0	86.1	86.1	86.2	86.3
IV 3000	3.5	72.3	78.8	83.4	85.9	86.7	87.3	88.0	88.1	88.3	88.5	88.5	88.6	88.6	88.7	88.7
IV 2500	3.5	73.1	79.8	84.4	87.1	87.9	88.5	89.3	89.4	89.6	89.7	89.7	89.8	89.8	89.9	90.0
IV 2000	3.5	74.1	81.0	85.8	88.5	89.4	90.1	90.9	90.9	91.2	91.3	91.4	91.4	91.5	91.6	91.6
IV 1800	3.6	74.4	81.2	86.1	88.8	89.7	90.4	91.2	91.3	91.5	91.7	91.7	91.8	91.9	91.9	92.0
IV 1500	3.6	75.1	82.1	87.1	89.9	90.8	91.5	92.3	92.4	92.7	92.8	92.8	92.9	93.0	93.1	93.1
IV 1200	3.6	75.8	82.9	88.0	91.0	91.9	92.6	93.5	93.7	93.9	94.1	94.1	94.2	94.3	94.3	94.4
IV 1000	3.6	76.3	83.5	88.7	91.8	92.7	93.4	94.4	94.5	94.7	94.9	94.9	95.0	95.1	95.2	95.2
IV 900	3.6	76.4	83.7	89.0	92.1	93.1	93.9	94.8	94.9	95.2	95.4	95.4	95.5	95.5	95.6	95.7
IV 800	3.7	76.9	84.2	89.6	92.8	93.8	94.6	95.6	95.7	96.0	96.2	96.2	96.3	96.3	96.4	96.4
IV 700	3.7	77.0	84.4	89.8	93.1	94.1	94.9	95.9	96.1	96.3	96.5	96.5	96.6	96.7	96.8	96.8
IV 600	3.7	77.5	84.7	90.4	93.8	94.8	95.8	96.8	97.0	97.2	97.4	97.4	97.5	97.5	97.7	97.7
IV 500	3.7	77.5	85.2	90.8	94.3	95.4	96.4	97.5	97.7	97.9	98.1	98.1	98.2	98.3	98.4	98.4
IV 400	3.7	77.6	85.4	91.1	94.7	95.8	97.0	98.1	98.3	98.6	98.8	98.8	98.9	99.0	99.1	99.2
IV 300	3.7	77.6	85.4	91.1	94.8	95.9	97.1	98.4	98.6	98.9	99.1	99.1	99.3	99.4	99.4	99.5
IV 200	3.7	77.6	85.4	91.2	94.8	96.0	97.2	98.5	98.7	99.0	99.3	99.3	99.5	99.6	99.7	99.8
IV 100	3.7	77.6	85.4	91.2	94.8	96.0	97.2	98.5	98.7	99.0	99.3	99.3	99.5	99.7	99.8	99.9
IV 0	3.7	77.6	85.4	91.2	94.8	96.0	97.2	98.5	98.7	99.0	99.3	99.3	99.5	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17113
 STATION

SEYMOUR-JOHNSON AFB NC
 STATION NAME

68-70,73-70
 YEARS

JUL
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

000-0200
 HOURS (LT)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	>10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.01
NO CEILING	1.2	43.0	53.7	63.1	68.2	68.9	69.8	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 20000	1.2	45.4	57.8	67.7	73.0	73.8	74.7	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 18000	1.2	45.4	58.7	67.8	73.1	73.9	74.8	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 16000	1.2	45.5	58.2	68.2	73.5	74.3	75.3	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5
IV 14000	1.2	45.9	58.6	68.9	74.5	75.3	76.2	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5
IV 12000	1.2	46.8	59.7	70.2	76.0	76.8	77.7	77.8	77.8	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 10000	1.2	48.6	62.2	73.3	79.4	80.1	81.2	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IV 9000	1.2	49.2	63.7	74.3	80.3	81.1	82.2	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 8000	1.2	51.7	65.9	77.8	84.6	85.4	86.5	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 7000	1.2	51.8	66.1	78.1	84.8	85.6	86.7	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 6000	1.2	52.2	66.5	78.6	85.7	86.5	87.5	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 5000	1.2	52.8	67.7	80.2	87.4	88.3	89.4	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 4500	1.2	52.9	68.0	80.4	87.6	88.6	89.7	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9
IV 4000	1.2	53.3	68.9	81.7	88.9	89.9	91.0	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 3500	1.2	54.1	69.7	82.5	89.8	90.8	91.8	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 3000	1.2	55.6	71.6	84.7	92.0	93.0	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 2500	1.2	56.0	72.0	85.3	92.6	93.5	94.6	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 2000	1.2	56.0	72.0	85.3	92.6	93.5	94.6	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 1800	1.2	56.0	72.0	85.3	92.7	93.7	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 1500	1.2	56.1	72.5	85.5	92.9	94.1	95.3	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 1200	1.2	56.8	72.9	86.2	93.7	94.9	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 1000	1.2	56.9	73.2	86.6	94.0	95.3	96.5	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 900	1.2	56.9	73.2	86.6	94.0	95.3	96.5	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 800	1.2	57.0	73.3	86.9	94.3	95.7	97.0	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 700	1.2	57.0	73.3	87.0	94.4	95.8	97.1	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 600	1.2	57.3	73.4	87.1	94.5	95.9	97.3	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 500	1.2	57.1	74.0	87.6	95.2	97.0	98.5	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 400	1.2	57.1	74.0	87.7	95.3	97.1	98.6	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 300	1.2	57.1	74.0	87.7	95.3	97.1	98.6	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	1.2	57.1	74.0	87.7	95.3	97.1	98.6	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 100	1.2	57.1	74.0	87.7	95.3	97.1	98.6	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 0	1.2	57.1	74.0	87.7	95.3	97.1	98.6	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1300-1500
HOURS (EST)

CEILING FEET.	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	≥.2
NO CEILING	25.6	42.8	46.2	57.4	59.2	61.6	64.5	64.7	65.2	65.3	65.3	65.7	65.7	66.7	66.7	66.7
≥ 20000	31.1	42.8	52.4	61.9	64.0	66.7	69.9	70.1	71.5	70.6	70.6	71.1	71.1	71.4	71.4	71.4
≥ 18000	31.1	42.8	52.4	62.0	64.1	66.9	70.1	70.3	72.8	70.9	70.9	71.3	71.3	71.6	71.6	71.6
≥ 16000	31.1	42.8	52.4	62.0	64.1	66.9	70.1	70.3	70.8	70.9	70.9	71.3	71.3	71.6	71.6	71.6
IV 14000	31.9	44.0	53.7	63.3	65.4	68.2	71.6	71.8	72.3	72.4	72.4	72.8	72.8	73.1	73.1	73.1
IV 12000	33.3	45.6	55.4	65.3	67.3	70.2	73.7	73.9	74.3	74.4	74.4	74.8	74.8	75.2	75.2	75.2
IV 10000	35.3	48.1	58.7	68.8	70.9	73.9	77.5	77.7	78.2	78.3	78.3	78.7	78.7	79.1	79.1	79.1
IV 9000	35.8	48.7	59.4	69.5	71.6	74.6	78.3	78.5	78.9	79.0	79.0	79.5	79.5	79.9	79.9	79.9
IV 8000	37.4	50.8	61.7	71.9	74.4	77.4	81.1	81.3	81.7	81.8	81.8	82.3	82.3	82.7	82.7	82.7
IV 7000	37.5	51.7	61.9	72.2	74.6	77.6	81.3	81.5	81.9	82.0	82.0	82.5	82.5	82.9	82.9	82.9
IV 6000	37.5	51.8	61.9	72.2	74.7	77.7	81.4	81.6	82.0	82.2	82.2	82.6	82.6	83.0	83.0	83.0
IV 5000	38.1	51.8	63.0	73.2	76.3	79.5	83.2	83.4	83.9	84.0	84.0	84.4	84.4	84.8	84.8	84.8
IV 4500	38.3	52.0	63.3	73.5	76.8	79.9	83.7	83.9	84.3	84.4	84.4	84.8	84.8	85.3	85.3	85.3
IV 4000	36.7	52.7	64.1	74.6	77.8	81.0	84.7	84.9	85.4	85.5	85.5	85.9	85.9	86.3	86.3	86.3
IV 3500	39.0	53.1	64.5	75.2	78.4	81.5	85.3	85.5	85.9	86.0	86.0	86.5	86.5	86.9	86.9	86.9
IV 3000	39.6	54.0	65.6	76.3	79.6	82.7	86.5	86.7	87.1	87.2	87.2	87.6	87.6	88.1	88.1	88.1
IV 2500	39.8	54.2	65.8	76.7	79.9	83.0	86.8	87.0	87.4	87.5	87.5	88.0	88.0	88.4	88.4	88.4
IV 2000	40.0	54.4	66.1	77.0	80.2	83.3	87.2	87.4	87.8	88.0	88.0	88.4	88.4	88.8	88.8	88.8
IV 1800	40.0	54.5	66.2	77.1	80.3	83.4	87.3	87.5	88.0	88.1	88.1	88.5	88.5	88.9	88.9	88.9
IV 1500	40.2	54.8	66.6	77.4	80.6	83.8	87.6	87.8	88.3	88.4	88.4	88.8	88.8	89.2	89.2	89.2
IV 1200	40.3	55.1	66.9	77.7	81.0	84.2	88.1	88.3	88.7	88.8	88.8	89.2	89.2	89.7	89.7	89.7
IV 1000	40.5	55.5	67.3	78.2	81.4	84.7	88.7	88.9	89.4	89.5	89.5	90.0	90.0	90.4	90.4	90.4
IV 900	40.5	55.5	67.4	78.6	81.8	85.3	89.4	89.6	90.0	90.1	90.1	90.6	90.6	91.1	91.1	91.1
IV 800	40.6	55.7	67.7	79.2	82.5	86.1	90.3	90.5	91.0	91.1	91.1	91.6	91.6	92.0	92.0	92.0
IV 700	40.6	55.9	68.0	79.6	82.8	86.6	90.8	91.0	91.4	91.5	91.5	92.0	92.0	92.5	92.5	92.5
IV 600	41.0	56.2	68.5	80.1	83.4	87.2	91.4	91.6	92.0	92.2	92.2	92.7	92.7	93.1	93.1	93.1
IV 500	41.0	56.8	69.0	81.1	84.5	88.4	92.9	93.1	93.7	93.8	93.8	94.4	94.4	94.8	94.8	94.8
IV 400	41.2	56.9	69.4	81.5	85.2	89.2	94.3	94.5	95.1	95.2	95.2	95.8	95.8	96.2	96.2	96.2
IV 300	41.2	56.9	69.5	81.8	85.8	90.3	95.5	96.1	96.8	96.9	96.9	97.7	97.7	98.3	98.3	98.3
IV 200	41.2	56.9	69.5	81.8	85.8	90.8	96.2	96.9	97.5	97.6	97.6	98.6	98.6	99.2	99.2	99.2
IV 100	41.2	56.9	69.5	81.8	85.8	90.8	96.2	96.9	97.5	97.7	97.7	98.7	98.7	99.4	99.4	99.4
IV 0	41.2	56.9	69.5	81.8	85.8	90.8	96.2	96.9	97.5	97.7	97.7	98.7	98.7	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 936

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

6600-7800
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4
NO CEILING	.6	30.2	37.6	44.4	51.3	52.9	55.1	58.0	58.1	56.6	58.8	58.8	58.8	58.9	59.1	59.2
≥20000	.6	32.4	47.6	47.7	55.1	56.8	59.7	61.9	62.0	62.7	62.9	62.9	63.1	63.2	63.5	63.7
IV 18000	.6	32.8	41.2	46.5	55.8	57.5	59.8	62.9	63.7	63.7	63.9	63.9	64.1	64.2	64.5	64.6
IV 16000	.6	32.9	41.4	48.8	56.2	58.3	60.3	63.4	63.5	64.2	64.4	64.4	64.6	64.7	65.1	65.2
IV 14000	.6	33.7	42.0	50.0	57.7	59.7	62.3	65.5	65.6	66.2	66.5	66.5	66.7	66.8	67.1	67.2
IV 12000	.6	34.9	44.1	51.8	60.0	62.2	64.9	66.4	68.5	69.1	69.4	69.4	69.6	69.7	70.0	70.1
IV 10000	.6	36.1	46.2	54.5	63.3	65.8	68.8	72.4	72.5	73.1	73.3	73.3	73.5	73.8	74.1	74.2
IV 9000	.6	36.3	46.5	54.9	63.8	66.2	69.2	72.8	72.9	73.5	73.8	73.8	74.3	74.2	74.5	74.6
IV 8000	.6	38.7	48.8	57.5	66.3	69.0	72.0	75.7	75.8	76.5	76.7	76.7	76.9	77.1	77.4	77.5
IV 7000	.6	39.7	49.9	58.7	67.5	70.2	73.7	77.3	77.1	77.7	78.0	78.0	78.2	78.4	78.7	78.8
IV 6000	.6	39.9	50.4	59.4	68.2	70.9	74.0	77.6	77.7	78.4	78.6	78.6	78.8	79.0	79.4	79.5
IV 5000	.6	40.1	50.6	59.6	68.4	71.1	74.4	78.3	78.4	79.3	79.2	79.2	79.5	79.7	80.0	80.1
IV 4500	.6	40.4	51.0	59.9	68.7	71.4	74.7	78.6	78.7	79.4	79.6	79.6	79.8	80.0	80.3	80.4
IV 4000	.6	41.0	51.6	60.9	69.7	72.5	75.8	79.7	79.8	80.4	80.6	80.6	80.9	81.1	81.4	81.5
IV 3500	.6	41.3	51.9	61.2	70.1	72.9	75.2	80.1	80.2	80.9	81.1	81.1	81.3	81.5	81.8	81.9
IV 3000	.6	42.0	52.7	62.0	71.2	74.1	77.5	81.5	81.6	82.3	82.5	82.5	82.7	82.9	83.2	83.3
IV 2500	.6	42.8	53.4	62.8	72.2	75.1	78.5	82.5	82.6	83.2	83.4	83.4	83.7	83.9	84.2	84.3
IV 2000	.6	42.9	53.8	63.1	72.5	75.4	78.8	82.8	82.9	83.5	83.8	83.8	84.0	84.2	84.5	84.6
IV 1800	.6	42.9	53.8	63.1	72.5	75.4	78.8	82.8	82.9	83.5	83.8	83.8	84.0	84.2	84.5	84.6
IV 1500	.6	43.1	54.0	63.4	72.8	75.7	79.5	83.5	83.7	84.3	84.5	84.5	84.7	85.1	85.4	85.5
IV 1200	.6	43.9	54.8	64.4	74.0	76.9	80.9	85.1	85.2	85.8	86.0	86.0	86.2	86.6	86.9	87.0
IV 1000	.6	44.2	55.3	64.8	74.9	77.8	82.0	86.3	86.6	87.2	87.4	87.4	87.7	88.1	88.5	88.6
IV 900	.6	44.2	55.3	64.9	75.4	78.3	82.6	86.9	87.1	87.7	88.0	88.0	88.3	88.6	89.0	89.1
IV 800	.6	44.4	55.7	65.5	76.2	79.1	83.4	87.7	88.0	88.6	88.6	88.9	89.2	89.6	90.0	90.1
IV 700	.6	44.7	56.1	66.0	77.5	80.5	84.9	89.2	89.5	90.1	90.3	90.4	90.8	91.1	91.5	91.6
IV 600	.6	44.9	56.3	66.2	78.2	81.4	85.9	90.3	90.5	91.2	91.4	91.5	91.8	92.2	92.6	92.7
IV 500	.6	45.2	57.0	67.3	80.0	83.4	88.3	93.0	93.4	94.1	94.3	94.4	94.7	95.1	95.5	95.6
IV 400	.6	45.2	57.0	67.5	80.4	83.9	88.9	94.1	94.5	95.3	95.7	95.8	96.1	96.5	96.9	97.0
IV 300	.6	45.3	57.1	67.8	81.0	84.4	89.8	95.4	95.9	96.9	97.4	97.5	98.0	98.3	98.7	98.8
IV 200	.6	45.3	57.1	67.8	81.0	84.4	89.9	95.6	96.1	97.1	97.7	97.8	98.3	98.6	99.1	99.2
IV 100	.6	45.3	57.1	67.8	81.0	84.4	89.9	95.6	96.1	97.1	97.8	98.0	98.5	98.9	99.7	100.0
IV 0	.6	45.3	57.1	67.8	81.0	84.4	89.9	95.6	96.1	97.1	97.8	98.0	98.5	98.9	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

65-70,73-79
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0930-1100
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.7	≥2	≥1.7	≥1.4	≥1	≥.7	≥.5	≥.3	≥.2	≥.1	≥0
NO CEILING	2.9	55.8	65.4	67.4	64.4	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 20000	3.1	59.5	64.9	68.2	69.4	69.5	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
IV 18000	3.1	59.9	65.4	68.6	69.8	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
IV 16000	3.1	60.1	65.7	68.9	70.1	70.2	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
IV 14000	3.2	62.2	67.8	71.3	72.8	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 12000	3.2	64.0	70.0	73.5	75.2	75.3	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
IV 10000	3.2	66.0	73.1	76.9	78.6	78.7	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 9000	3.2	66.6	73.7	77.4	79.1	79.2	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
IV 8000	3.2	67.8	74.9	78.7	81.6	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 7000	3.2	68.8	75.9	80.0	81.9	82.0	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 6000	3.2	68.9	76.4	81.1	82.0	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IV 5000	3.2	69.1	76.7	81.8	82.8	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 4500	3.2	69.1	76.8	81.9	82.9	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 4000	3.2	69.9	77.5	81.7	84.0	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 3500	3.2	70.3	78.2	82.4	84.7	84.8	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 3000	3.2	71.2	79.2	83.4	86.0	86.2	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 2500	3.2	71.7	79.9	84.1	86.7	86.9	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV 2000	3.2	73.0	81.4	85.7	88.4	88.6	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 1800	3.2	73.2	81.6	85.9	88.6	88.8	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 1500	3.2	74.7	83.3	87.7	90.6	91.0	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 1200	3.2	76.1	85.1	89.7	92.7	93.0	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 1000	3.2	77.4	86.9	91.5	94.8	95.3	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 900	3.2	77.8	87.5	92.2	95.6	96.0	96.3	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 800	3.2	78.5	88.2	92.9	96.5	96.9	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 700	3.2	78.9	88.6	93.4	97.2	97.7	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 600	3.2	79.2	88.9	93.9	97.8	98.5	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 500	3.2	79.4	89.1	94.1	98.1	98.7	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	3.2	79.4	89.1	94.1	98.2	98.9	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	3.2	79.4	89.1	94.1	98.2	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	3.2	79.4	89.1	94.1	98.2	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	3.2	79.4	89.1	94.1	98.2	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	3.2	79.4	89.1	94.1	98.2	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

15713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-77,73-79
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1	≥0
NO CEILING	4.7	58.7	61.6	63.5	64.0	64.5	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 20000	4.7	64.5	67.6	69.7	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
IV 18000	4.8	64.9	68.2	70.2	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
IV 16000	4.9	65.4	68.6	70.8	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
IV 14000	4.9	67.4	70.8	73.2	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IV 12000	4.9	70.1	74.0	76.6	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 10000	5.3	74.5	78.5	81.4	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
IV 9000	5.3	74.9	78.9	81.8	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 8000	5.3	77.2	81.3	84.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 7000	5.3	77.6	81.8	84.8	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 6000	5.3	78.2	82.4	85.4	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV 5000	5.3	78.6	82.9	85.9	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 4500	5.3	78.8	83.1	86.1	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 4000	5.4	79.8	84.4	87.5	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 3500	5.4	80.2	84.8	88.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 3000	5.4	82.9	87.6	91.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 2500	5.4	84.2	89.0	92.9	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
IV 2000	5.4	85.5	90.5	94.1	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 1800	5.4	85.8	90.6	94.2	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
IV 1500	5.4	86.8	92.7	95.8	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 1200	5.4	87.1	92.9	96.9	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1000	5.4	87.5	93.1	97.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 900	5.4	87.5	93.3	97.5	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 800	5.4	87.6	93.4	97.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 700	5.4	87.6	93.4	97.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 600	5.4	87.7	93.5	97.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 500	5.4	87.7	93.5	97.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 400	5.4	87.7	93.5	97.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 300	5.4	87.7	93.5	97.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 200	5.4	87.7	93.5	97.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 100	5.4	87.7	93.5	97.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 0	5.4	87.7	93.5	97.8	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 930

7581

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFD WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.4	≥0.3	≥0.25	≥0.2	≥0.15	≥0.1
NO CEILING	4.3	56.7	61.7	62.0	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 20000	4.4	63.5	67.5	69.9	77.4	73.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
18000	4.4	63.8	67.8	70.3	70.8	73.8	73.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
16000	4.4	64.2	68.1	70.6	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
14000	4.5	65.3	70.2	72.9	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
12000	4.5	67.8	72.8	75.6	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
10000	4.5	72.1	77.8	80.8	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
9000	4.6	73.7	79.4	82.6	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
8000	4.6	75.7	81.5	84.9	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
7000	4.6	76.2	82.2	85.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
6000	4.6	76.5	82.6	86.1	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
5000	4.6	77.4	83.5	87.1	88.1	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
4500	4.6	77.6	83.7	87.3	88.3	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
4000	4.6	79.1	85.4	89.2	90.3	90.4	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
3500	4.6	81.1	86.7	90.5	91.8	91.9	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
3000	4.6	82.5	89.3	93.3	95.0	95.2	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
2500	4.6	83.1	90.3	94.3	96.1	96.3	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
2000	4.6	84.0	91.3	95.3	97.2	97.4	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
1800	4.6	84.0	91.3	95.3	97.2	97.4	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
1500	4.6	84.2	91.6	95.6	97.6	97.8	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7
1200	4.6	84.3	91.7	95.7	97.7	98.0	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8
1000	4.6	84.4	92.0	96.0	98.1	98.3	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.4
900	4.6	84.4	92.0	96.0	98.1	98.3	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.4
800	4.6	84.4	92.0	96.0	98.2	98.4	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
700	4.6	84.4	92.0	96.0	98.2	98.4	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
600	4.6	84.4	92.0	96.0	98.2	98.4	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
500	4.6	84.4	92.0	96.0	98.2	98.4	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
400	4.6	84.4	92.0	96.0	98.2	98.4	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
300	4.6	84.4	92.0	96.0	98.2	98.4	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
200	4.6	84.4	92.0	96.0	98.2	98.4	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
100	4.6	84.4	92.0	96.0	98.2	98.4	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
0	4.6	84.4	92.0	96.0	98.2	98.4	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
 SAFETAC
 AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17.13
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1830-2300
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.75	≥.5	≥.4	≥.3	≥.25	≥.2
NO CEILING	2.6	51.3	56.2	58.9	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 20000	2.6	52.1	64.5	67.6	69.5	69.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
IV 18000	2.8	58.6	65.2	68.3	70.1	70.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
IV 16000	2.8	58.7	65.3	68.4	70.2	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
IV 14000	2.8	59.8	66.9	70.1	71.9	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
IV 12000	2.8	61.7	69.6	72.9	74.7	74.8	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IV 10000	2.8	65.5	74.1	77.5	79.8	79.9	80.5	80.5	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8
IV 9000	2.8	66.6	75.4	78.8	81.1	81.2	81.8	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV 8000	2.8	68.4	77.6	81.5	83.9	84.3	84.6	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 7000	2.8	69.4	78.7	82.7	85.1	85.2	85.8	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 6000	2.8	69.8	79.2	83.2	85.7	85.8	86.5	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 5000	2.8	70.0	79.5	83.8	86.2	86.3	87.1	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
IV 4500	2.8	70.5	80.3	84.3	86.8	86.9	87.7	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 4000	2.8	72.0	81.8	86.9	89.6	89.7	90.5	90.5	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 3500	2.8	72.9	82.5	88.0	90.6	90.8	91.7	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 3000	2.8	73.7	84.2	89.8	93.2	93.4	94.6	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 2500	2.8	74.1	84.7	90.9	94.4	94.6	95.9	96.1	96.2	96.3	96.5	96.5	96.5	96.5	96.6	96.6
IV 2000	2.8	74.6	85.7	91.5	95.1	95.3	96.6	97.0	97.1	97.2	97.4	97.4	97.4	97.4	97.5	97.5
IV 1800	2.8	74.8	85.5	91.7	95.3	95.5	96.9	97.3	97.4	97.5	97.7	97.7	97.7	97.7	97.8	97.8
IV 1500	2.8	74.9	85.7	91.9	95.5	95.7	97.1	97.6	97.7	97.8	98.1	98.1	98.2	98.2	98.3	98.3
IV 1200	2.8	74.9	85.7	91.9	95.5	95.7	97.1	97.6	97.7	97.8	98.1	98.1	98.2	98.2	98.3	98.3
IV 1000	2.8	75.2	86.3	92.7	96.2	96.7	98.1	98.7	98.8	98.9	99.1	99.1	99.2	99.2	99.4	99.4
IV 900	2.8	75.3	86.5	92.8	96.3	96.8	98.2	98.8	98.9	99.0	99.2	99.2	99.4	99.4	99.5	99.5
IV 800	2.8	75.3	86.6	92.9	96.5	96.9	98.3	98.9	99.0	99.1	99.4	99.4	99.5	99.5	99.6	99.6
IV 700	2.8	75.3	86.6	92.9	96.5	96.9	98.3	98.9	99.0	99.1	99.4	99.4	99.5	99.5	99.6	99.6
IV 600	2.8	75.3	86.6	92.9	96.5	96.9	98.3	98.9	99.0	99.1	99.4	99.4	99.5	99.5	99.6	99.6
IV 500	2.8	75.3	86.6	92.9	96.5	96.9	98.3	98.9	99.0	99.1	99.4	99.4	99.5	99.5	99.6	99.6
IV 400	2.8	75.3	86.6	93.0	96.6	97.0	98.5	99.1	99.4	99.5	99.7	99.7	99.9	99.9	100.0	100.0
IV 300	2.8	75.3	86.6	93.0	96.6	97.0	98.5	99.1	99.4	99.5	99.7	99.7	99.9	99.9	100.0	100.0
IV 200	2.8	75.3	86.6	93.0	96.6	97.0	98.5	99.1	99.4	99.5	99.7	99.7	99.9	99.9	100.0	100.0
IV 100	2.8	75.3	86.6	93.0	96.6	97.0	98.5	99.1	99.4	99.5	99.7	99.7	99.9	99.9	100.0	100.0
IV 0	2.8	75.3	86.6	93.0	96.6	97.0	98.5	99.1	99.4	99.5	99.7	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AFB WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

21.0-23.0
HOURS (EST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	1.8	47.3	55.9	61.0	63.8	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 20000	1.8	52.6	61.8	68.7	72.5	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
IV 18000	1.8	52.9	62.9	69.2	73.7	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
IV 16000	1.8	52.9	62.3	69.2	73.0	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
IV 14000	1.8	54.1	63.5	70.9	74.6	74.7	75.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
IV 12000	1.8	55.1	64.9	72.7	76.6	76.7	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 10000	1.8	56.9	67.2	75.3	79.1	79.2	79.9	80.3	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IV 9000	1.8	57.2	67.0	75.9	79.8	79.9	80.5	81.0	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 8000	1.8	58.7	70.7	78.9	83.1	83.2	83.9	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 7000	1.8	59.2	71.3	80.2	84.6	84.7	85.4	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 6000	1.8	59.6	71.9	81.1	85.6	85.7	86.3	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 5000	1.8	60.3	73.0	82.3	86.8	86.9	87.5	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 4500	1.8	60.8	73.4	82.7	87.2	87.3	88.1	88.5	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 4000	1.8	62.7	76.2	86.1	90.8	91.0	91.7	92.3	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 3500	1.8	63.2	76.9	86.8	91.6	91.8	92.6	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 3000	1.8	64.2	77.8	88.3	94.0	94.2	94.9	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 2500	1.8	64.4	78.5	89.0	94.7	94.9	95.7	96.2	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 2000	1.8	64.9	79.0	89.7	95.5	95.7	96.6	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 1800	1.8	64.9	79.2	89.8	95.6	95.8	96.7	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 1500	1.8	65.2	79.2	90.0	95.9	96.1	97.0	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 1200	1.8	65.7	79.8	90.5	96.5	96.7	97.5	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1000	1.8	65.7	80.2	91.0	96.9	97.1	98.0	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 900	1.8	65.7	80.2	91.0	96.9	97.1	98.0	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 800	1.8	65.7	80.3	91.1	97.3	97.5	98.5	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 700	1.8	65.7	80.4	91.3	97.5	97.7	98.7	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 600	1.8	65.7	80.4	91.3	97.5	97.7	98.7	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 500	1.8	65.8	80.5	91.4	97.6	97.8	98.8	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	1.8	65.8	80.5	91.4	97.6	97.8	98.8	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	1.8	65.8	80.5	91.4	97.6	97.8	99.0	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	1.8	65.8	80.5	91.4	97.6	97.8	99.0	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	1.8	65.8	80.5	91.4	97.6	97.8	99.0	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	1.8	65.8	80.5	91.4	97.6	97.8	99.0	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

66-70, 73-79
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL
HOURS EST

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.01	≥.005	≥.001
NO CEILING	2.2	46.6	53.1	58.1	61.4	61.9	62.7	63.4	63.4	63.6	63.6	63.7	63.7	63.8	63.8	63.8
≥ 20000	2.3	50.3	58.5	64.0	67.7	68.3	69.2	70.0	71.0	70.1	70.2	70.2	70.3	70.4	70.4	70.4
IV 18000	2.4	51.2	58.8	64.4	68.2	68.8	69.6	70.4	70.5	70.6	70.7	70.7	70.7	70.8	70.8	70.9
IV 16000	2.4	51.3	59.7	64.7	68.4	69.0	69.9	70.7	70.8	70.9	71.0	71.0	71.0	71.1	71.1	71.1
IV 14000	2.4	52.5	60.5	66.4	70.3	70.9	71.8	72.7	72.8	72.9	73.0	73.0	73.0	73.1	73.1	73.2
IV 12000	2.4	54.2	62.6	68.6	72.6	73.3	74.3	75.2	75.2	75.4	75.4	75.4	75.5	75.5	75.6	75.6
IV 10000	2.5	56.9	65.9	72.3	76.6	77.3	78.3	79.3	79.4	79.6	79.6	79.6	79.7	79.7	79.8	79.8
IV 9000	2.5	57.5	66.7	73.1	77.4	78.1	79.2	80.2	80.2	80.4	80.5	80.5	80.5	80.6	80.7	80.7
IV 8000	2.5	59.5	68.9	75.7	80.1	80.9	82.0	83.0	83.0	83.2	83.3	83.3	83.3	83.4	83.5	83.5
IV 7000	2.5	60.0	69.6	76.5	81.0	81.8	82.9	83.9	83.9	84.1	84.2	84.2	84.2	84.3	84.4	84.4
IV 6000	2.5	60.3	70.0	77.8	81.5	82.3	83.4	84.4	84.5	84.7	84.7	84.7	84.8	84.8	84.9	84.9
IV 5000	2.5	60.8	70.7	77.8	82.4	83.3	84.5	85.5	85.6	85.7	85.8	85.8	85.9	85.9	86.0	86.0
IV 4500	2.5	61.1	71.1	78.1	82.7	83.6	84.8	85.9	85.9	86.1	86.1	86.1	86.2	86.2	86.3	86.3
IV 4000	2.5	62.1	72.3	79.3	84.5	85.5	86.7	87.7	87.8	88.0	88.0	88.0	88.1	88.1	88.2	88.2
IV 3500	2.5	62.7	73.0	80.5	85.3	86.3	87.5	88.5	88.6	88.8	88.8	88.8	88.9	88.9	89.0	89.0
IV 3000	2.5	63.9	74.6	82.3	87.5	88.5	89.7	90.9	90.9	91.1	91.1	91.1	91.2	91.2	91.3	91.3
IV 2500	2.5	64.5	75.3	83.1	88.4	89.4	90.7	91.8	91.8	92.0	92.0	92.1	92.1	92.2	92.3	92.3
IV 2000	2.5	65.1	76.0	83.8	89.2	90.2	91.5	92.7	92.8	92.9	93.0	93.0	93.1	93.1	93.2	93.2
IV 1800	2.5	65.2	76.0	83.9	89.3	90.3	91.7	92.8	92.9	93.1	93.1	93.1	93.2	93.2	93.3	93.4
IV 1500	2.5	65.7	76.6	84.6	90.0	91.0	92.4	93.6	93.7	93.9	94.0	94.0	94.1	94.1	94.2	94.2
IV 1200	2.5	66.2	77.2	85.3	90.7	91.8	93.2	94.4	94.5	94.7	94.8	94.8	94.9	95.0	95.1	95.1
IV 1000	2.5	66.5	77.8	85.9	91.5	92.6	94.1	95.3	95.4	95.7	95.7	95.7	95.9	95.9	96.0	96.1
IV 900	2.5	66.5	77.9	86.0	91.7	92.8	94.4	95.7	95.8	96.0	96.1	96.1	96.2	96.2	96.4	96.4
IV 800	2.5	66.7	78.2	86.3	92.1	93.3	94.9	96.2	96.3	96.5	96.6	96.6	96.7	96.8	96.9	96.9
IV 700	2.5	66.8	78.3	86.5	92.5	93.6	95.2	96.6	96.7	96.9	97.0	97.0	97.2	97.2	97.4	97.4
IV 600	2.5	66.9	78.4	86.7	92.8	94.0	95.6	96.9	97.1	97.3	97.4	97.4	97.5	97.6	97.7	97.7
IV 500	2.5	67.0	78.7	87.0	93.2	94.5	96.2	97.7	97.9	98.1	98.2	98.2	98.4	98.4	98.6	98.6
IV 400	2.5	67.0	78.7	87.1	93.4	94.7	96.5	98.1	98.3	98.5	98.6	98.6	98.8	98.9	99.0	99.0
IV 300	2.5	67.0	78.7	87.2	93.5	94.9	96.8	98.5	98.7	99.0	99.1	99.1	99.2	99.4	99.6	99.6
IV 200	2.5	67.0	78.7	87.2	93.5	94.9	96.8	98.6	98.8	99.1	99.3	99.3	99.5	99.6	99.7	99.6
IV 100	2.5	67.0	78.7	87.2	93.5	94.9	96.8	98.6	98.8	99.1	99.3	99.3	99.6	99.6	99.8	99.8
IV 0	2.5	67.0	78.7	87.2	93.5	94.9	96.8	98.6	98.8	99.1	99.3	99.3	99.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7439

1583
 1585

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

10713 SEYMOUR-JOHNSON AFB NC

68-70, 73-79

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3000-7200
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.7	≥2	≥1.7	≥1.5	≥1	≥.75	≥.5	≥.3	≥.25	≥.2	≥0
NO CEILING	.6	42.4	52.4	62.2	68.4	69.7	71.1	72.4	72.4	72.4	72.5	72.5	72.7	72.7	72.8	72.9
≥ 20000	.6	44.7	55.7	65.9	72.7	74.1	75.5	76.9	76.9	76.9	77.0	77.0	77.2	77.2	77.3	77.3
IV 18000	.6	44.9	55.9	66.2	73.1	74.4	75.8	77.2	77.2	77.2	77.3	77.3	77.5	77.5	77.6	77.6
IV 16000	.6	45.4	56.5	66.8	73.5	74.9	76.3	77.7	77.7	77.7	77.8	77.8	78.1	78.1	78.2	78.2
IV 14000	.6	45.8	57.1	67.5	74.3	75.7	77.1	78.5	78.5	78.5	78.6	78.6	78.8	78.8	78.9	78.9
IV 12000	.6	47.2	58.5	69.4	76.2	77.6	79.0	80.4	80.4	80.4	80.5	80.5	80.8	80.8	80.9	80.9
IV 10000	.6	49.9	61.7	72.8	79.7	81.1	82.5	83.9	83.9	83.9	84.0	84.0	84.2	84.2	84.3	84.3
IV 9000	.6	50.6	62.5	73.5	80.4	81.8	83.2	84.6	84.6	84.6	84.7	84.7	84.9	84.9	85.1	85.1
IV 8000	.6	53.0	65.5	77.0	84.1	85.5	86.9	88.3	88.3	88.3	88.4	88.4	88.6	88.6	88.7	88.7
IV 7000	.6	53.1	65.7	77.5	84.8	86.2	87.6	89.0	89.0	89.0	89.1	89.1	89.4	89.4	89.5	89.5
IV 6000	.6	53.5	66.1	78.0	85.3	86.7	88.1	89.5	89.5	89.6	89.6	89.7	89.7	89.9	89.9	90.0
IV 5000	.6	54.0	66.8	79.4	86.7	88.1	89.5	91.0	91.0	91.1	91.1	91.2	91.2	91.4	91.5	91.5
IV 4500	.6	54.5	67.3	80.1	87.4	88.8	90.2	91.7	91.8	91.8	91.9	91.9	92.2	92.2	92.3	92.3
IV 4000	.6	55.4	68.4	81.4	88.7	90.1	91.5	93.0	93.1	93.1	93.2	93.2	93.4	93.4	93.5	93.5
IV 3500	.6	55.4	68.5	81.5	89.1	90.5	91.9	93.4	93.5	93.5	93.7	93.7	93.9	93.9	94.1	94.1
IV 3000	.6	55.5	68.6	81.6	89.5	90.9	92.3	93.8	94.0	94.0	94.1	94.1	94.3	94.4	94.5	94.5
IV 2500	.6	55.5	68.7	81.8	89.7	91.1	92.5	94.0	94.2	94.2	94.3	94.3	94.5	94.6	94.7	94.7
IV 2000	1.0	56.2	69.5	82.7	90.5	92.3	93.8	95.3	95.5	95.5	95.6	95.6	95.8	95.9	96.0	96.0
IV 1800	1.0	56.2	69.5	82.7	90.5	92.3	93.8	95.3	95.5	95.5	95.6	95.6	95.8	95.9	96.0	96.0
IV 1500	1.0	56.5	69.9	83.2	91.1	92.9	94.4	95.9	96.1	96.1	96.2	96.2	96.5	96.6	96.7	96.7
IV 1200	1.0	56.7	70.1	83.4	91.3	93.2	94.7	96.2	96.5	96.5	96.6	96.6	96.8	96.9	97.0	97.0
IV 1000	1.0	56.7	70.1	83.5	91.4	93.3	94.9	96.5	96.7	96.7	96.8	96.8	97.0	97.1	97.2	97.3
IV 900	1.0	56.7	70.1	83.5	91.4	93.3	94.9	96.5	96.7	96.7	96.8	96.8	97.0	97.1	97.2	97.3
IV 800	1.0	56.7	70.2	83.7	91.6	93.7	95.3	96.8	97.0	97.0	97.1	97.1	97.3	97.4	97.5	97.6
IV 700	1.0	56.7	70.3	83.9	91.8	93.9	95.5	97.1	97.3	97.3	97.4	97.4	97.6	97.7	97.8	98.0
IV 600	1.0	56.7	70.3	83.9	91.8	93.9	95.5	97.1	97.3	97.3	97.4	97.4	97.6	97.7	97.8	98.0
IV 500	1.0	56.7	70.4	84.0	92.3	94.4	96.1	97.8	98.1	98.1	98.2	98.2	98.4	98.5	98.7	98.8
IV 400	1.0	56.7	70.6	84.2	92.6	94.8	96.6	98.3	98.5	98.5	98.6	98.6	98.8	98.9	99.1	99.2
IV 300	1.0	56.7	70.6	84.3	92.7	95.1	96.9	98.6	98.8	98.8	98.9	98.9	99.1	99.2	99.5	99.6
IV 200	1.0	56.7	70.6	84.3	92.8	95.2	97.0	98.8	99.0	99.0	99.1	99.1	99.4	99.5	99.7	99.8
IV 100	1.0	56.7	70.6	84.3	92.8	95.2	97.0	98.9	99.1	99.2	99.4	99.4	99.6	99.7	99.9	100.0
IV 0	1.0	56.7	70.6	84.3	92.8	95.2	97.0	98.9	99.1	99.2	99.4	99.4	99.6	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFC WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

66-70, 73-79
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2300-7500
HOURS (LT)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.7	≥2	≥1.7	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4
NO CEILING	.6	29.5	38.7	48.4	56.8	61.4	64.5	68.2	68.5	68.9	69.4	69.4	69.8	70.0	70.3	70.3
≥ 20000	.6	31.7	40.3	51.0	60.2	65.1	68.3	72.3	72.6	73.1	73.7	73.7	74.4	74.6	74.9	74.9
IV 18000	.6	31.0	40.3	51.1	60.3	65.2	68.4	72.4	72.7	73.2	73.9	73.8	74.5	74.7	75.1	75.1
IV 16000	.6	31.7	41.3	51.1	61.4	65.3	68.5	72.9	72.8	73.3	73.9	73.9	74.5	74.8	75.2	75.2
IV 14000	.6	31.2	40.6	51.4	61.0	65.8	69.3	73.0	73.3	73.9	74.4	74.4	75.2	75.4	75.7	75.7
IV 12000	.6	31.8	41.6	52.7	62.4	67.2	70.8	74.7	75.1	75.6	76.1	76.1	76.9	77.1	77.4	77.4
IV 10000	.6	32.9	43.1	54.6	64.3	69.4	72.9	76.9	77.2	77.7	78.3	78.3	79.0	79.2	79.6	79.6
IV 9000	.6	33.7	43.9	55.4	65.1	70.1	73.7	77.6	78.0	78.5	79.0	79.0	79.8	80.0	80.3	80.3
IV 8000	.6	34.8	45.2	56.8	66.6	71.6	75.2	79.5	79.9	80.4	81.0	81.0	81.7	81.9	82.3	82.3
IV 7000	.6	35.3	45.8	57.4	67.2	72.5	76.0	80.5	81.1	81.6	82.2	82.2	82.8	83.1	83.4	83.4
IV 6000	.6	35.3	45.9	57.7	67.7	73.0	76.7	81.3	81.8	82.4	82.9	82.9	83.7	83.9	84.2	84.2
IV 5000	.6	35.7	46.3	58.3	68.4	73.7	77.4	82.0	82.6	83.1	83.7	83.7	84.4	84.6	84.9	84.9
IV 4500	.6	35.8	46.9	58.4	68.5	73.8	77.5	82.2	82.7	83.2	83.8	83.8	84.5	84.7	85.1	85.1
IV 4000	.6	36.0	47.3	59.6	69.8	75.1	78.8	83.4	84.0	84.5	85.1	85.1	85.8	86.0	86.3	86.3
IV 3500	.6	36.1	47.7	60.0	70.2	75.5	79.2	83.9	84.4	84.9	85.5	85.5	86.2	86.3	86.8	86.8
IV 3000	.6	36.5	48.3	60.5	70.9	76.1	79.9	84.5	85.1	85.6	86.1	86.1	86.9	87.1	87.4	87.4
IV 2500	.9	36.7	48.9	60.8	71.1	76.3	80.1	84.7	85.3	85.8	86.3	86.3	87.1	87.3	87.6	87.6
IV 2000	1.0	36.8	48.9	61.4	71.7	77.2	81.0	85.7	86.2	86.8	87.3	87.3	88.1	88.3	88.6	88.6
IV 1800	1.0	36.8	48.9	61.4	71.7	77.2	81.0	85.7	86.2	86.8	87.3	87.3	88.1	88.3	88.6	88.6
IV 1500	1.0	37.0	49.2	61.8	72.4	78.0	81.8	86.7	87.2	87.7	88.3	88.3	89.0	89.2	89.6	89.6
IV 1200	1.0	37.1	49.4	62.3	72.8	78.4	82.3	87.2	87.7	88.3	88.8	88.8	89.6	89.8	90.1	90.1
IV 1000	1.0	37.1	49.4	62.4	73.1	78.7	82.6	87.6	88.2	88.7	89.2	89.2	90.0	90.2	90.5	90.5
IV 900	1.0	37.2	49.5	62.5	73.2	78.8	82.7	87.7	88.3	88.8	89.4	89.4	90.1	90.3	90.6	90.6
IV 800	1.0	37.2	49.6	62.6	73.4	79.1	83.2	88.3	88.8	89.4	89.9	89.9	90.6	90.9	91.2	91.2
IV 700	1.0	37.2	49.6	62.6	73.5	79.2	83.4	88.5	89.0	89.6	90.1	90.1	90.9	91.1	91.4	91.4
IV 600	1.0	37.2	49.7	62.8	73.8	79.5	83.7	88.7	89.5	90.0	90.5	90.5	91.3	91.5	91.8	91.8
IV 500	1.0	37.5	50.8	64.4	75.5	81.2	85.7	90.8	91.4	92.0	92.6	92.6	93.3	93.5	93.9	93.9
IV 400	1.0	37.5	51.0	64.7	76.1	81.9	86.7	91.7	92.3	93.1	93.8	93.8	94.5	94.7	95.2	95.3
IV 300	1.0	37.5	51.1	64.9	76.6	82.4	87.2	93.0	93.6	94.5	95.3	95.3	96.0	96.3	96.8	97.1
IV 200	1.0	37.5	51.1	64.9	76.7	82.5	87.5	93.5	94.5	95.3	96.0	96.0	96.9	97.3	97.8	98.2
IV 100	1.0	37.5	51.1	64.9	76.7	82.5	87.6	93.7	94.6	95.4	96.3	96.3	97.4	97.8	98.8	99.6
IV 0	1.0	37.5	51.1	64.9	76.7	82.5	87.6	93.7	94.6	95.4	96.3	96.3	97.4	97.8	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS

930

7584

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

ALG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1600-1800
HOURS 157

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.3	≥.2	≥.16	≥.1	≥0
NO CEILING	.6	24.9	31.7	38.4	44.3	47.8	51.4	55.2	56.0	57.6	58.3	59.3	59.2	59.4	59.8	59.9
≥ 20000	.6	26.5	34.2	41.5	46.1	51.8	55.7	59.7	60.9	62.5	63.3	63.3	64.6	64.7	65.4	65.5
IV 18000	.6	26.9	34.8	42.2	48.8	52.6	56.6	60.5	61.7	63.3	64.2	64.2	65.5	65.6	66.2	66.2
IV 16000	.6	26.9	34.8	42.2	48.8	52.6	56.6	60.5	61.7	63.4	64.3	64.3	65.6	65.7	66.3	66.5
IV 14000	.6	27.0	34.9	42.3	49.1	52.9	56.9	60.9	62.3	63.8	64.6	64.6	65.9	66.0	66.7	66.8
IV 12000	.6	28.1	36.5	44.1	51.4	55.5	59.7	63.7	64.8	66.6	67.4	67.4	68.7	68.8	69.5	69.6
IV 10000	.6	29.6	38.2	45.9	53.3	57.6	62.6	66.8	68.7	69.9	70.8	70.8	72.0	72.2	72.8	72.9
IV 9000	.6	30.1	38.7	46.5	53.9	58.2	63.1	67.3	68.5	70.5	71.4	71.4	72.7	72.8	73.4	73.5
IV 8000	.6	31.4	40.1	48.1	55.6	59.9	65.2	69.6	70.9	73.0	73.9	73.9	75.2	75.3	75.9	76.0
IV 7000	.6	32.2	41.7	49.0	56.6	60.9	66.2	70.6	71.9	74.1	74.9	74.9	76.2	76.3	77.0	77.1
IV 6000	.6	32.6	41.5	49.6	57.1	61.4	66.8	71.4	72.7	74.9	75.8	75.8	77.1	77.2	77.8	78.0
IV 5000	.6	33.0	41.9	50.0	57.6	62.0	67.4	72.0	73.3	75.6	76.5	76.5	77.7	77.8	78.5	78.6
IV 4500	.6	33.4	42.4	50.4	58.1	62.6	68.0	72.7	74.0	76.2	77.1	77.1	78.4	78.5	79.1	79.2
IV 4000	.6	33.8	42.9	51.0	58.6	63.1	68.5	73.2	74.5	76.8	77.6	77.6	78.9	79.0	79.7	79.8
IV 3500	.6	34.1	43.2	51.3	59.0	63.5	68.9	73.7	74.9	77.2	78.1	78.1	79.4	79.5	80.1	80.2
IV 3000	.6	34.4	43.7	51.8	59.7	64.3	69.7	74.4	75.7	78.0	78.8	78.8	80.1	80.2	80.9	81.0
IV 2500	.6	34.6	44.0	52.4	60.3	65.3	70.8	75.5	76.8	79.0	79.9	79.9	81.2	81.4	82.0	82.2
IV 2000	.6	34.8	44.2	52.7	60.8	65.7	71.2	75.9	77.2	79.5	80.3	80.3	81.6	81.8	82.5	82.6
IV 1800	.6	34.9	44.3	52.8	60.9	65.8	71.3	76.0	77.3	79.6	80.4	80.4	81.7	81.9	82.6	82.7
IV 1500	.6	35.4	44.8	53.3	61.4	66.3	71.8	76.7	78.0	80.2	81.1	81.1	82.4	82.6	83.2	83.3
IV 1200	.6	35.8	45.3	54.0	62.0	67.1	72.6	77.4	78.7	81.0	81.8	81.8	83.1	83.3	84.0	84.1
IV 1000	.6	36.0	45.5	54.5	62.6	67.7	73.3	78.2	79.7	81.9	82.8	82.8	84.1	84.3	85.1	85.2
IV 900	.6	36.3	45.9	55.1	63.0	68.7	74.0	79.4	80.9	83.1	84.0	84.0	85.3	85.5	86.2	86.3
IV 800	.6	36.5	46.1	55.6	64.1	69.8	75.6	80.5	82.2	84.4	85.3	85.3	86.7	86.9	87.6	87.7
IV 700	.6	36.8	46.5	56.2	64.7	70.4	76.2	81.3	82.9	85.2	86.0	86.0	87.4	87.6	88.4	88.5
IV 500	.6	37.1	46.8	56.8	65.8	71.8	77.7	82.9	84.6	87.1	88.0	88.0	89.4	89.6	90.3	90.6
IV 400	.6	37.2	46.9	57.1	66.8	73.1	79.1	84.6	86.5	89.4	90.4	90.4	91.9	92.2	93.0	93.3
IV 300	.6	37.3	47.1	57.3	67.4	74.0	80.1	86.0	87.8	90.9	92.0	92.0	93.5	93.8	94.7	95.1
IV 200	.6	37.3	47.1	57.3	67.4	74.1	80.3	86.5	88.4	91.4	92.6	92.7	94.3	95.1	96.3	97.1
IV 100	.6	37.3	47.1	57.3	67.4	74.1	80.3	86.5	88.4	91.7	93.1	93.3	95.2	96.5	97.8	98.9
IV 0	.6	37.3	47.1	57.3	67.4	74.1	80.3	86.5	88.4	91.7	93.1	93.3	95.2	96.5	98.2	99.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFD WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

AL-
FORM

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0930-1100
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	≥.2	
NO CEILING	2.2	52.9	60.1	63.2	64.6	64.8	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 20000	2.2	58.3	66.1	69.5	71.0	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
IV 18000	2.2	58.6	66.5	69.9	71.4	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
IV 16000	2.2	58.9	66.8	70.2	71.7	71.9	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 14000	2.2	59.9	67.8	71.3	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
IV 12000	2.2	61.7	69.7	73.2	74.7	74.9	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IV 10000	2.2	62.7	71.1	74.7	76.6	76.8	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 9000	2.2	63.2	71.6	75.3	77.1	77.3	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IV 8000	2.2	64.0	72.7	76.5	78.3	78.7	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
IV 7000	2.3	64.5	73.5	77.4	79.4	79.8	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
IV 6000	2.3	64.6	73.7	77.5	79.5	79.9	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
IV 5000	2.3	65.1	74.3	78.3	80.3	80.8	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 4500	2.3	65.2	74.4	78.4	80.5	81.1	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 4000	2.3	67.0	76.3	80.3	82.6	83.0	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
IV 3500	2.3	67.6	77.0	81.0	83.2	83.7	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 3000	2.3	69.4	78.0	82.0	84.4	84.8	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 2500	2.4	69.9	79.6	83.7	86.0	86.5	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 2000	2.4	71.4	81.1	85.2	87.5	88.0	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 1800	2.4	71.9	81.6	85.7	88.1	88.5	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 1500	2.4	73.5	83.7	88.3	91.1	91.7	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 1200	2.4	74.4	84.7	89.6	92.5	93.2	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
IV 1000	2.6	75.3	85.8	90.8	93.8	94.4	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 900	2.6	75.6	86.3	91.6	94.6	95.2	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 800	2.6	76.3	87.0	92.3	95.3	96.0	96.9	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 700	2.6	76.3	87.2	92.7	95.8	97.0	97.5	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 600	2.6	76.5	87.3	92.8	96.1	97.3	97.8	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 500	2.6	76.8	87.7	93.2	96.6	97.7	98.5	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 400	2.6	76.9	87.8	93.4	96.9	98.1	98.8	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	2.6	76.9	87.8	93.4	96.9	98.1	98.8	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	2.6	76.9	87.8	93.4	96.9	98.1	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	2.6	76.9	87.8	93.4	96.9	98.1	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	2.6	76.9	87.8	93.4	96.9	98.1	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

STATION 7753 SEYHOUR-JOHNSON AFB NC

YEARS 63-70, 73-79

MO. AUG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

PERIOD 1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	3.8	58.1	62.4	64.3	64.4	64.7	64.7	64.7	64.7	64.5	64.8	64.9	64.8	64.8	64.8	64.8
≥ 20000	3.9	64.9	69.7	71.6	71.8	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 18000	3.9	65.5	71.3	72.3	72.5	72.8	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9
IV 16000	3.9	65.9	71.8	72.7	72.9	73.2	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3
IV 14000	3.9	66.6	71.6	73.5	73.8	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IV 12000	3.9	68.6	74.1	76.5	76.2	76.6	76.6	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7
IV 10000	4.0	71.3	76.9	78.9	79.1	79.5	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6
IV 9000	4.0	72.2	79.0	80.0	80.2	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 8000	4.0	74.1	80.7	82.4	82.6	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0
IV 7000	4.1	74.4	80.5	82.8	83.1	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5
IV 6000	4.1	74.8	81.3	83.5	83.9	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 5000	4.1	75.3	81.8	84.2	84.5	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 4500	4.2	75.5	82.7	84.4	84.7	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV 4000	4.2	77.2	84.0	86.5	87.0	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 3500	4.0	77.7	84.7	87.2	87.7	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 3000	4.2	80.8	87.7	90.2	91.1	91.4	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 2500	4.3	82.7	90.0	92.6	93.4	93.8	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 2000	4.3	84.0	91.7	94.7	95.7	96.0	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 1800	4.3	84.0	91.7	94.7	95.7	96.0	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 1500	4.3	85.2	92.9	95.9	96.9	97.2	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 1200	4.3	85.6	93.3	96.5	97.4	97.7	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1000	4.5	85.8	93.7	96.9	97.8	98.2	98.5	98.3	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 900	4.5	86.0	93.9	97.1	98.1	98.4	98.7	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 800	4.5	86.0	93.9	97.3	98.3	98.6	98.9	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 700	4.5	86.0	93.9	97.3	98.3	98.6	98.9	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 600	4.5	86.3	94.2	97.6	98.6	98.9	99.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 500	4.5	86.6	94.4	97.8	98.8	99.1	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	4.5	86.6	94.4	97.8	98.8	99.1	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	4.5	86.6	94.4	97.8	98.8	99.1	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	4.5	86.6	94.4	97.8	98.8	99.1	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	4.5	86.6	94.4	97.8	98.8	99.1	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	4.5	86.6	94.4	97.8	98.8	99.1	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥1.0	≥1.0	≥1.0	≥1.0	≥1.0	≥1.0	≥1.0
NO CEILING	4.5	53.0	56.2	58.1	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 20000	5.1	61.9	65.6	67.5	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
IV 18000	5.1	62.6	66.2	68.2	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
IV 16000	5.1	62.7	66.7	68.6	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IV 14000	5.1	63.7	67.5	69.6	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
IV 12000	5.5	66.6	70.6	72.7	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
IV 10000	5.6	70.5	75.4	77.4	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IV 9000	5.6	71.2	76.3	78.4	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 8000	5.6	73.0	78.3	80.3	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 7000	5.6	74.0	79.4	81.4	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 6000	5.6	74.3	80.1	82.0	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 5000	5.6	76.0	81.9	84.1	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV 4500	5.6	76.7	82.6	84.7	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 4000	5.6	78.6	84.9	87.2	87.1	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 3500	5.6	79.6	86.0	88.4	87.2	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 3000	5.9	83.4	90.4	93.0	93.9	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
IV 2500	5.9	84.1	91.2	94.2	95.4	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 2000	5.9	85.1	92.4	95.4	96.6	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 1800	5.9	85.1	92.5	95.5	96.7	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 1500	5.9	85.6	93.0	96.1	97.4	97.7	97.8	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1200	5.9	85.8	93.2	96.5	97.7	98.1	98.3	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1000	5.9	85.9	93.3	96.6	97.8	98.4	98.6	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 900	5.9	85.9	93.3	96.6	97.8	98.4	98.6	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 800	5.9	85.9	93.3	96.6	98.1	98.6	98.8	99.1	97.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 700	5.9	86.1	93.5	96.8	98.4	98.9	99.1	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 600	5.9	86.2	93.7	96.9	98.5	99.0	99.2	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	5.9	86.2	93.7	96.9	98.6	99.1	99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	5.9	86.2	93.7	96.9	98.6	99.1	99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	5.9	86.2	93.7	96.9	98.6	99.1	99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	5.9	86.2	93.7	96.9	98.6	99.1	99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	5.9	86.2	93.7	96.9	98.6	99.1	99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	5.9	86.2	93.7	96.9	98.6	99.1	99.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1713 SEYMOUR-JOHNSON AFB NC

68-70, 73-79

AUG

STATION

STATION NAME

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1320-2000
HOURS (Z)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	3.3	53.5	58.2	61.6	62.0	62.1	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
IV 20000	3.6	61.9	67.2	69.9	71.3	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
IV 18000	3.7	62.4	67.5	70.2	71.6	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
IV 16000	3.7	62.1	67.6	70.3	71.7	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
IV 14000	3.7	62.7	68.3	71.0	72.4	72.6	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
IV 12000	3.8	64.9	70.8	73.5	74.9	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
IV 10000	3.8	69.8	76.2	78.9	80.7	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 9000	3.9	71.0	77.4	80.2	81.6	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 8000	3.8	72.8	79.8	81.9	84.8	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 7000	4.0	73.8	81.3	84.3	86.3	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 6000	4.1	74.1	81.6	84.7	86.7	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
IV 5000	4.0	75.0	82.8	86.0	88.0	88.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 4500	4.0	75.5	83.3	86.5	88.6	89.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 4000	4.0	77.0	85.6	88.9	91.1	91.7	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
IV 3500	4.0	77.6	86.2	89.8	91.9	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 3000	4.0	78.9	87.5	91.3	93.8	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 2500	4.0	79.8	88.8	92.8	95.6	96.2	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 2000	4.1	80.5	89.7	93.3	96.6	97.5	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1800	4.1	80.6	89.8	93.8	96.7	97.6	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 1500	4.1	80.7	89.9	93.9	96.8	97.7	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 1200	4.1	80.8	90.1	94.1	97.0	98.0	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 1000	4.1	80.8	90.1	94.2	97.1	98.1	98.7	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 900	4.1	80.9	90.2	94.4	97.3	98.3	98.9	99.0	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5
IV 800	4.1	80.9	90.2	94.4	97.3	98.3	98.9	99.0	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6
IV 700	4.1	80.9	90.2	94.4	97.4	98.4	99.0	99.1	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
IV 600	4.2	81.0	90.3	94.5	97.5	98.5	99.1	99.2	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 500	4.2	81.0	90.3	94.5	97.5	98.5	99.1	99.2	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	4.2	81.0	90.3	94.5	97.5	98.5	99.1	99.2	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	4.2	81.0	90.3	94.5	97.5	98.5	99.1	99.2	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	4.2	81.0	90.3	94.5	97.5	98.5	99.1	99.2	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	4.2	81.0	90.3	94.5	97.5	98.5	99.1	99.2	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	4.2	81.0	90.3	94.5	97.5	98.5	99.1	99.2	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 928

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

65-70, 73-79
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)																	
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.4	≥.4	≥.3	≥.25	≥.2	≥0		
NO CEILING	1.4	51.9	59.7	64.3	65.8	66.7	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.9	67.9	67.9
≥ 20000	1.4	58.3	66.5	72.6	74.2	75.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3
IV 18000	1.4	56.4	66.7	72.8	74.4	75.3	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.6	76.6	76.6
IV 16000	1.4	58.7	67.1	73.1	74.8	75.6	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.9	76.9	76.9
IV 14000	1.4	58.8	67.3	73.5	75.1	75.9	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.2
IV 12000	1.4	59.8	68.3	74.9	76.5	77.3	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.6
IV 10000	1.4	63.1	72.1	78.9	80.7	81.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8
IV 9000	1.4	63.8	72.9	79.7	81.6	82.5	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.8	83.8	83.8
IV 8000	1.4	65.3	74.9	82.0	84.1	85.1	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.4	86.4	86.4
IV 7000	1.4	66.5	76.3	83.7	85.9	86.8	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1
IV 6000	1.4	66.9	76.8	84.3	86.4	87.4	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7
IV 5000	1.4	67.7	78.0	85.7	87.8	88.8	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1
IV 4500	1.4	68.5	78.7	86.5	88.8	89.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0
IV 4000	1.4	69.5	79.9	88.2	90.7	91.7	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1
IV 3500	1.4	69.8	80.3	88.8	91.3	92.2	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.6	93.6	93.6
IV 3000	1.4	70.8	81.7	90.4	92.9	93.9	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.3	95.3	95.3
IV 2500	1.4	71.1	82.2	91.3	93.9	94.9	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3
IV 2000	1.7	72.2	83.4	92.7	95.4	96.7	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1
IV 1800	1.7	72.2	83.4	92.7	95.4	96.7	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1
IV 1500	1.7	72.2	83.5	92.9	95.6	96.9	96.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4
IV 1200	1.7	72.2	83.5	92.9	95.6	96.9	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5
IV 1000	1.7	72.3	83.6	93.0	95.7	97.0	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7
IV 900	1.7	72.3	83.6	93.2	95.9	97.2	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9
IV 800	1.7	72.5	83.8	93.4	96.1	97.4	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1
IV 700	1.7	72.5	83.9	93.5	96.2	97.5	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3
IV 600	1.7	72.5	84.0	93.7	96.4	97.7	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6
IV 500	1.7	72.5	84.0	93.9	96.5	97.8	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
IV 400	1.7	72.5	84.0	93.9	96.5	97.8	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
IV 300	1.7	72.5	84.0	93.9	96.5	97.8	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
IV 200	1.7	72.5	84.0	93.9	96.5	97.8	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
IV 100	1.7	72.5	84.0	93.9	96.5	97.8	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
IV 0	1.7	72.5	84.0	93.9	96.5	97.8	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 927

1587

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

19712 SEYMOUR-JOHNSON AFB NC

68-70, 73-79

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
ROUTES (3)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.75	≥.7	≥.6	≥.5
NO CEILING	2.1	45.2	52.2	57.4	63.6	62.0	63.2	64.3	64.5	64.7	64.9	64.9	65.1	65.1	65.2	65.2
≥ 20000	2.2	50.9	58.2	63.7	67.2	68.6	69.9	71.1	71.3	71.6	71.8	71.8	72.0	72.1	72.2	72.2
≥ 18000	2.3	51.2	58.5	64.1	67.6	69.1	70.4	71.5	71.7	72.0	72.2	72.2	72.5	72.5	72.7	72.7
≥ 16000	2.3	51.5	58.8	64.4	67.9	69.3	70.6	71.8	72.0	72.3	72.5	72.5	72.8	72.8	73.0	73.0
≥ 14000	2.3	51.9	59.4	65.0	68.6	70.0	71.3	72.5	72.7	73.0	73.2	73.2	73.5	73.5	73.7	73.7
≥ 12000	2.3	53.6	61.3	67.0	70.7	72.2	73.6	74.7	74.9	75.2	75.4	75.4	75.7	75.8	75.9	75.9
≥ 10000	2.4	56.2	64.3	70.3	74.0	75.6	77.1	78.3	78.5	78.8	79.0	79.0	79.3	79.3	79.5	79.5
≥ 9000	2.4	57.0	65.2	71.1	74.8	76.5	77.9	79.1	79.3	79.7	79.9	79.9	80.1	80.2	80.3	80.3
≥ 8000	2.4	58.5	67.1	73.2	77.1	78.8	80.3	81.5	81.8	82.1	82.3	82.3	82.6	82.6	82.8	82.8
≥ 7000	2.4	59.2	67.9	74.2	78.2	79.8	81.3	82.6	82.9	83.2	83.4	83.4	83.7	83.8	83.9	83.9
≥ 6000	2.4	59.5	68.4	74.7	78.7	80.3	81.8	83.2	83.4	83.8	84.0	84.0	84.3	84.3	84.5	84.5
≥ 5000	2.4	60.2	69.2	75.7	79.8	81.4	83.0	84.3	84.6	84.9	85.1	85.1	85.4	85.5	85.6	85.6
≥ 4500	2.4	60.6	69.6	76.2	80.2	81.9	83.5	84.9	85.1	85.5	85.7	85.7	85.9	86.0	86.1	86.1
≥ 4000	2.4	61.0	71.2	77.9	82.1	83.8	85.4	86.7	87.0	87.4	87.5	87.5	87.8	87.9	88.0	88.0
≥ 3500	2.4	62.3	71.7	78.5	82.7	84.4	86.0	87.4	87.7	88.0	88.2	88.2	88.5	88.5	88.7	88.7
≥ 3000	2.5	63.6	73.2	80.1	84.5	86.2	87.8	89.2	89.5	89.9	90.0	90.0	90.3	90.4	90.5	90.5
≥ 2500	2.5	64.3	74.1	81.2	85.7	87.5	89.1	90.5	90.8	91.1	91.3	91.3	91.6	91.7	91.8	91.8
≥ 2000	2.6	65.1	75.1	82.3	86.8	88.8	90.4	91.8	92.1	92.5	92.7	92.7	93.0	93.1	93.2	93.2
≥ 1800	2.6	65.2	75.2	82.4	86.9	88.9	90.5	91.9	92.2	92.6	92.8	92.8	93.1	93.2	93.3	93.3
≥ 1500	2.6	65.7	75.9	83.2	87.8	89.8	91.5	93.0	93.3	93.7	93.9	93.9	94.1	94.2	94.4	94.4
≥ 1200	2.6	66.0	76.2	83.6	88.3	90.3	92.0	93.6	93.9	94.3	94.5	94.5	94.8	94.8	95.0	95.0
≥ 1000	2.7	66.2	76.4	84.0	88.7	90.7	92.5	94.1	94.4	94.8	95.0	95.0	95.3	95.4	95.5	95.6
≥ 900	2.7	66.4	76.6	84.2	89.0	91.1	92.8	94.4	94.8	95.2	95.4	95.4	95.7	95.8	95.9	96.0
≥ 800	2.7	66.5	76.8	84.5	89.3	91.5	93.3	94.9	95.3	95.7	95.9	95.9	96.2	96.3	96.4	96.5
≥ 700	2.7	66.6	76.9	84.7	89.5	91.7	93.6	95.2	95.6	96.0	96.2	96.2	96.6	96.6	96.8	96.8
≥ 600	2.7	66.7	77.0	84.9	89.8	92.1	93.9	95.6	96.0	96.5	96.7	96.7	97.0	97.1	97.2	97.3
≥ 500	2.7	66.8	77.3	85.2	90.3	92.6	94.6	96.3	96.8	97.3	97.5	97.5	97.9	97.9	98.1	98.2
≥ 400	2.7	66.8	77.4	85.3	90.6	92.9	94.9	96.7	97.2	97.7	98.0	98.0	98.3	98.4	98.6	98.7
≥ 300	2.7	66.8	77.4	85.4	90.6	93.0	95.0	97.0	97.4	98.0	98.3	98.3	98.6	98.8	98.9	99.2
≥ 200	2.7	66.8	77.4	85.4	90.7	93.0	95.1	97.1	97.6	98.2	98.5	98.5	98.8	98.9	99.1	99.4
≥ 100	2.7	66.8	77.4	85.4	90.7	93.0	95.1	97.1	97.6	98.3	98.6	98.6	99.0	99.2	99.6	99.9
0	2.7	66.8	77.4	85.4	90.7	93.0	95.1	97.1	97.6	98.3	98.6	98.6	99.0	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7435

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR FATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-70, 73-78
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

000-0200
HOUR (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	.6	53.9	57.8	65.0	69.4	70.3	70.9	71.6	71.7	71.6	71.9	71.9	72.0	72.0	72.0	72.3
≥ 20000	.6	52.7	61.0	67.9	72.7	73.7	74.2	74.9	75.0	75.1	75.2	75.2	75.3	75.3	75.3	75.7
IV 18000	.6	52.9	60.2	68.2	73.0	74.0	74.6	75.2	75.3	75.4	75.6	75.6	75.6	75.7	75.7	76.0
IV 16000	.6	52.9	60.2	68.2	73.0	74.0	74.6	75.2	75.3	75.4	75.6	75.6	75.6	75.7	75.7	76.0
IV 14000	.6	53.4	60.8	68.8	73.6	74.6	75.1	75.8	75.9	76.0	76.1	76.1	76.2	76.2	76.2	76.6
IV 12000	.6	54.3	62.0	70.2	75.2	76.2	76.8	77.4	77.6	77.7	77.8	77.8	77.9	77.9	77.9	78.2
IV 10000	.6	55.7	63.8	72.3	78.0	79.0	79.9	80.6	80.7	80.8	80.9	80.9	81.0	81.0	81.0	81.3
IV 9000	.6	56.0	64.1	72.7	78.3	79.3	80.2	80.9	81.0	81.1	81.2	81.2	81.2	81.3	81.3	81.7
IV 8000	.6	58.0	66.3	75.2	81.0	82.0	82.9	83.6	83.7	83.8	83.9	83.9	84.0	84.0	84.0	84.3
IV 7000	.6	58.4	66.8	75.9	81.8	82.8	83.7	84.3	84.4	84.6	84.7	84.7	84.8	84.8	84.8	85.1
IV 6000	.6	58.8	67.1	76.2	82.1	83.1	84.0	84.7	84.8	84.9	85.0	85.0	85.0	85.1	85.1	85.4
IV 5000	.6	58.8	67.3	76.4	82.3	83.3	84.2	84.9	85.0	85.1	85.2	85.2	85.3	85.3	85.3	85.7
IV 4500	.6	59.3	67.9	77.0	83.0	84.1	85.0	85.7	85.8	85.9	86.0	86.0	86.1	86.1	86.1	86.4
IV 4000	.6	60.9	69.6	79.1	85.1	86.2	87.2	87.9	88.0	88.1	88.2	88.2	88.3	88.3	88.3	88.7
IV 3500	.6	61.1	69.8	79.3	85.6	86.7	87.7	88.3	88.4	88.6	88.7	88.7	88.8	88.8	88.8	89.1
IV 3000	.6	61.4	70.4	80.3	86.6	87.7	88.7	89.3	89.4	89.6	89.7	89.7	89.8	89.8	89.8	90.1
IV 2500	.6	61.4	70.4	80.3	86.6	87.7	88.7	89.3	89.4	89.6	89.7	89.7	89.8	89.8	89.8	90.1
IV 2000	.6	61.8	70.8	80.7	86.9	88.0	89.1	89.8	89.9	90.0	90.1	90.1	90.2	90.2	90.2	90.6
IV 1800	.6	62.0	71.0	81.0	87.2	88.3	89.4	90.1	90.2	90.3	90.4	90.4	90.6	90.6	90.6	90.9
IV 1500	.6	62.4	71.7	81.7	87.9	89.0	90.1	90.8	90.9	91.0	91.1	91.1	91.2	91.2	91.2	91.6
IV 1200	.6	62.8	72.3	82.3	88.6	89.7	91.0	91.7	91.8	92.0	92.1	92.1	92.2	92.2	92.2	92.6
IV 1000	.6	63.1	72.8	82.8	89.1	90.3	92.3	93.2	93.3	93.6	93.7	93.7	93.8	93.8	93.8	94.1
IV 900	.6	63.6	73.3	83.4	89.8	91.0	93.0	93.9	94.0	94.2	94.3	94.3	94.4	94.4	94.4	94.8
IV 800	.6	63.9	73.8	83.9	90.4	91.8	93.8	94.7	94.8	95.0	95.1	95.1	95.2	95.2	95.2	95.6
IV 700	.6	63.9	74.2	84.6	91.1	92.4	94.4	95.3	95.4	95.7	95.8	95.8	95.9	95.9	95.9	96.2
IV 600	.6	63.9	74.2	84.7	91.3	92.7	94.7	95.6	95.7	95.9	96.0	96.0	96.1	96.1	96.1	96.4
IV 500	.6	63.9	74.2	84.8	92.0	93.4	95.6	96.9	97.1	97.3	97.4	97.4	97.6	97.6	97.6	97.9
IV 400	.6	64.1	74.4	85.1	92.9	94.4	96.6	98.0	98.2	98.4	98.6	98.6	98.7	98.7	98.7	99.0
IV 300	.6	64.2	74.7	85.6	93.3	95.0	97.2	98.7	98.9	99.1	99.2	99.2	99.3	99.3	99.3	99.7
IV 200	.6	64.2	74.7	85.6	93.3	95.0	97.2	98.7	98.9	99.1	99.2	99.2	99.3	99.3	99.3	99.7
IV 100	.6	64.2	74.7	85.6	93.3	95.0	97.2	98.7	98.9	99.1	99.2	99.2	99.3	99.4	99.6	99.9
IV 0	.6	64.2	74.7	85.6	93.3	95.0	97.2	98.7	98.9	99.1	99.2	99.2	99.3	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 953

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 ATR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-70, 73-78
YEAR

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

300-1500
HOURS (LT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.5	≥.5	≥.5	≥.5	≥.5	≥.5
NO CEILING	30.7	40.7	47.4	54.3	56.9	59.2	61.6	62.3	63.2	63.7	63.7	63.8	63.9	64.7	64.3	
≥ 20000	31.7	42.2	49.2	56.6	59.7	62.4	65.1	65.9	66.9	67.3	67.3	67.4	67.6	68.3	68.0	
IV 18000	31.8	42.4	49.4	56.8	59.9	62.7	65.3	66.1	67.1	67.6	67.6	67.7	67.8	68.2	68.2	
IV 16000	31.8	42.4	49.4	56.8	59.9	62.7	65.3	66.1	67.1	67.6	67.6	67.7	67.8	68.2	68.2	
IV 14000	32.1	42.9	49.9	57.2	60.3	63.1	65.8	66.6	67.6	68.7	68.0	68.1	68.2	68.7	68.7	
IV 12000	33.2	44.0	51.3	58.7	61.8	64.6	67.2	68.0	69.0	69.4	69.4	69.6	69.7	70.1	70.1	
IV 10000	34.4	45.8	53.2	61.0	64.1	67.1	69.8	70.6	71.6	72.7	72.0	72.1	72.2	72.7	72.7	
IV 9000	34.4	45.8	53.2	61.0	64.1	67.1	69.9	70.8	71.8	72.2	72.2	72.3	72.4	72.9	72.9	
IV 8000	36.2	48.3	55.6	63.6	66.7	69.7	72.4	73.3	74.3	74.8	74.8	74.9	75.0	75.4	75.4	
IV 7000	36.6	48.3	56.1	64.2	67.3	70.3	73.1	74.0	75.0	75.4	75.4	75.7	75.8	76.2	76.2	
IV 6000	36.6	48.3	56.1	64.2	67.3	70.3	73.1	74.0	75.0	75.4	75.4	75.7	75.8	76.2	76.2	
IV 5000	37.0	49.0	56.8	64.9	68.0	71.0	73.8	74.7	75.7	76.1	76.1	76.3	76.4	76.9	76.9	
IV 4500	37.3	49.4	57.2	65.3	68.4	71.4	74.2	75.1	76.1	76.6	76.6	76.8	76.9	77.3	77.3	
IV 4000	38.3	50.2	58.8	67.0	70.1	73.3	76.1	77.0	78.0	78.4	78.4	78.7	78.8	79.2	79.2	
IV 3500	38.7	51.2	59.2	67.6	70.7	74.1	76.9	77.8	78.8	79.2	79.2	79.4	79.6	80.0	80.0	
IV 3000	39.8	52.6	60.7	69.0	72.1	75.6	78.3	79.2	80.2	80.7	80.7	80.9	81.0	81.4	81.4	
IV 2500	40.7	53.6	61.7	70.0	73.1	76.7	79.4	80.4	81.4	81.9	81.9	82.1	82.2	82.7	82.7	
IV 2000	40.8	53.9	62.2	70.6	73.7	77.2	80.1	81.1	82.1	82.6	82.6	82.6	82.9	83.3	83.3	
IV 1800	41.1	54.3	62.7	71.0	74.1	77.7	80.6	81.6	82.6	83.0	83.0	83.2	83.3	83.8	83.8	
IV 1500	41.2	54.6	63.1	71.4	74.6	78.1	81.2	82.2	83.2	83.7	83.7	83.9	84.0	84.4	84.4	
IV 1200	42.0	55.3	64.0	72.6	75.7	79.4	82.7	83.7	84.7	85.1	85.1	85.3	85.4	85.9	85.9	
IV 1000	42.2	55.9	64.7	73.4	76.9	80.8	84.0	85.0	86.0	86.4	86.4	86.7	86.8	87.2	87.2	
IV 900	43.1	57.0	65.8	74.7	78.1	82.0	85.2	86.2	87.2	87.7	87.7	87.9	88.0	88.4	88.4	
IV 800	43.2	57.3	66.1	75.1	78.6	82.7	85.9	86.9	87.9	88.3	88.3	88.6	88.7	89.1	89.1	
IV 700	43.6	57.8	66.8	76.0	79.4	83.6	86.8	87.8	88.8	89.2	89.2	89.4	89.6	90.0	90.0	
IV 600	43.6	57.9	67.0	76.6	80.0	84.3	87.7	88.7	89.7	90.1	90.1	90.3	90.4	90.9	90.9	
IV 500	43.9	58.4	67.9	77.8	81.3	85.8	89.3	90.6	91.6	92.0	92.0	92.2	92.3	92.8	92.8	
IV 400	43.9	58.6	68.1	78.2	81.8	86.7	90.2	91.4	92.6	93.2	93.3	93.6	93.7	94.1	94.1	
IV 300	43.9	58.7	68.3	78.7	82.2	87.2	90.9	92.1	93.4	94.3	94.6	95.0	95.1	95.6	95.6	
IV 200	43.9	58.7	68.4	78.8	82.3	87.3	91.3	92.7	94.1	95.2	95.4	96.1	96.2	96.9	97.2	
IV 100	43.9	58.7	68.4	78.8	82.3	87.3	91.4	92.9	94.4	95.6	95.8	96.4	96.7	97.7	98.4	
IV 0	43.9	58.7	68.4	78.8	82.3	87.3	91.4	92.9	94.4	95.6	95.8	96.4	96.7	98.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-77, 73-78
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

7600-7800
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING	.6	24.9	32.9	37.4	41.4	44.0	47.9	51.0	52.2	53.3	54.1	54.2	54.6	54.8	55.1	55.9
≥20000	.7	26.9	35.4	40.9	45.0	47.7	51.6	55.0	56.3	57.4	58.2	58.3	58.7	59.0	59.3	60.1
IV 18000	.7	26.9	35.4	40.9	45.0	47.7	51.6	55.0	56.3	57.4	58.2	58.3	58.7	59.0	59.3	60.1
IV 16000	.7	26.9	35.4	41.0	45.1	47.8	51.7	55.1	56.4	57.6	58.3	58.4	58.8	59.1	59.4	60.2
IV 14000	.7	27.3	35.9	41.7	45.8	48.4	52.3	55.8	57.1	58.2	59.1	59.2	59.6	59.9	60.2	61.1
IV 12000	1.0	28.7	37.4	43.6	48.0	50.7	54.6	58.0	59.3	60.4	61.3	61.4	61.8	62.1	62.4	63.3
IV 10000	1.0	29.6	38.7	45.0	49.9	52.7	56.7	60.1	61.6	62.8	63.7	63.8	64.1	64.4	64.8	65.7
IV 9000	1.1	29.7	38.8	45.2	50.1	52.9	56.9	60.4	61.9	63.1	64.0	64.1	64.4	64.8	65.1	66.0
IV 8000	1.0	31.4	41.1	48.1	53.4	56.6	60.7	64.2	65.8	67.0	67.9	68.0	68.4	68.8	69.1	70.0
IV 7000	1.0	31.8	41.8	48.9	54.2	57.3	61.4	65.0	66.6	67.8	68.8	68.9	69.3	69.7	70.3	70.9
IV 6000	1.0	32.6	42.7	49.8	55.1	58.2	62.3	65.9	67.4	68.7	69.7	69.8	70.2	70.6	70.9	71.8
IV 5000	1.0	33.7	43.1	50.4	56.0	59.1	63.2	66.8	68.3	69.8	70.8	70.9	71.3	71.7	72.0	72.9
IV 4500	1.0	33.6	43.7	51.0	56.6	59.8	63.9	67.4	69.7	70.4	71.4	71.6	72.0	72.3	72.7	73.6
IV 4000	1.0	34.3	44.7	52.0	57.6	60.8	64.9	68.8	70.4	72.0	73.0	73.1	73.6	73.9	74.2	75.1
IV 3500	1.0	34.7	45.1	52.4	58.0	61.3	65.4	69.3	71.0	72.6	73.6	73.7	74.1	74.4	74.8	75.7
IV 3000	1.0	35.7	46.7	54.0	59.6	62.9	67.1	71.0	72.7	74.2	75.2	75.3	75.8	76.1	76.4	77.3
IV 2500	1.0	36.9	47.9	55.2	61.0	64.4	68.8	72.7	74.3	75.9	76.9	77.0	77.4	77.8	78.1	79.0
IV 2000	1.0	37.7	48.8	56.3	62.1	65.7	70.0	73.9	75.6	77.1	78.1	78.2	78.7	79.0	79.3	80.2
IV 1800	1.0	38.0	49.1	56.7	62.4	66.0	70.3	74.3	76.0	77.6	78.6	78.7	79.1	79.4	79.8	80.7
IV 1500	1.0	38.4	49.6	57.3	63.1	66.7	71.0	75.0	76.7	78.2	79.2	79.3	79.8	80.1	80.4	81.3
IV 1200	1.0	39.0	50.7	58.1	64.0	67.6	71.9	76.0	77.7	79.2	80.2	80.3	80.8	81.1	81.4	82.3
IV 1000	1.0	39.2	50.4	58.3	64.6	68.1	72.4	76.9	78.6	80.1	81.1	81.2	81.7	82.0	82.3	83.2
IV 900	1.0	39.7	51.1	59.1	65.3	69.0	73.4	78.0	79.7	81.3	82.3	82.4	82.9	83.2	83.6	84.4
IV 800	1.1	40.8	52.2	60.4	66.9	70.7	75.1	79.9	81.7	83.3	84.3	84.4	84.9	85.2	85.6	86.4
IV 700	1.1	41.2	53.1	61.3	67.9	72.0	76.4	81.4	83.3	85.1	86.1	86.2	86.7	87.0	87.3	88.2
IV 600	1.2	41.6	53.6	61.8	68.4	72.7	77.1	82.1	84.1	85.9	86.9	87.0	87.4	87.8	88.1	89.0
IV 500	1.4	42.1	54.3	62.9	70.0	74.3	79.1	84.3	86.4	88.6	89.9	90.1	90.7	91.0	91.3	92.2
IV 400	1.4	42.1	54.4	63.0	70.2	74.8	80.0	85.2	87.4	89.6	91.1	91.3	92.0	92.3	92.8	93.7
IV 300	1.4	42.1	54.4	63.1	70.3	75.0	80.4	85.9	88.3	90.8	92.3	92.6	93.4	93.8	94.3	95.6
IV 200	1.4	42.1	54.4	63.1	70.3	75.0	80.4	85.9	88.3	91.0	92.8	93.2	94.2	94.7	95.6	97.3
IV 100	1.4	42.1	54.4	63.1	70.3	75.0	80.4	85.9	88.3	91.0	93.0	93.4	94.9	95.4	96.3	99.1
IV 0	1.4	42.1	54.4	63.1	70.3	75.0	80.4	85.9	88.3	91.0	93.0	93.4	94.9	95.4	96.3	100.0

TOTAL NUMBER OF OBSERVATIONS 900

7580

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-70, 73-78
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-1100
MOSES 151

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING	3.1	51.4	54.7	57.2	58.7	59.2	59.6	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8
≥ 20000	3.6	55.7	59.7	61.6	63.1	63.7	64.1	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3
IV 18000	3.6	56.3	59.8	62.3	63.9	64.4	64.9	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4
IV 16000	3.6	56.7	60.1	62.7	64.2	64.8	65.2	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4
IV 14000	3.6	57.1	60.6	63.1	64.7	65.3	65.7	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9
IV 12000	3.6	59.2	62.8	65.3	66.9	67.4	67.9	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1
IV 10000	3.9	63.1	66.7	69.3	71.0	71.6	72.0	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3
IV 9000	3.9	63.7	67.2	69.7	71.6	72.1	72.6	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9
IV 8000	3.9	66.4	70.1	72.9	74.6	75.1	75.6	75.9	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1
IV 7000	3.9	67.2	70.9	73.7	75.3	75.9	76.3	76.7	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9
IV 6000	3.9	68.1	71.8	74.6	76.2	76.8	77.2	77.6	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8
IV 5000	3.9	68.6	72.4	75.2	77.0	77.6	78.3	78.3	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6
IV 4500	3.9	69.8	73.4	76.2	78.0	78.6	79.0	79.3	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6
IV 4000	3.9	70.9	74.6	77.6	79.3	79.9	80.4	80.9	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1
IV 3500	3.9	71.2	75.0	78.0	79.8	80.3	80.9	81.3	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6
IV 3000	3.9	72.4	76.3	79.6	81.6	82.1	82.7	83.1	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3
IV 2500	3.9	73.7	77.6	80.8	82.8	83.3	83.9	84.3	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6
IV 2000	3.9	74.9	78.7	82.0	84.0	84.6	85.1	85.6	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8
IV 1800	3.9	75.3	79.2	82.6	84.7	85.2	85.8	86.2	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4
IV 1500	3.9	76.8	80.7	84.1	86.2	86.8	87.3	87.8	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0
IV 1200	3.9	78.7	82.8	86.2	88.6	89.1	89.7	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3
IV 1000	4.1	79.8	84.1	87.9	90.2	90.9	91.7	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4
IV 900	4.1	80.7	85.0	88.8	91.1	91.8	92.6	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3
IV 800	4.1	81.6	86.0	90.0	92.4	93.1	94.0	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9
IV 700	4.1	82.1	86.6	90.9	93.4	94.3	95.2	95.9	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2
IV 600	4.2	82.7	87.2	92.0	94.6	95.4	96.3	97.0	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3
IV 500	4.3	83.0	87.7	92.8	95.7	96.7	97.6	98.4	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8
IV 400	4.3	83.0	87.7	92.8	95.8	97.0	98.1	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4
IV 300	4.3	83.0	87.8	93.0	96.0	97.2	98.3	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9
IV 200	4.3	83.0	87.8	93.0	96.0	97.2	98.3	99.4	99.6	99.6	99.9	99.9	99.9	99.9	100.0	100.0
IV 100	4.3	83.0	87.8	93.0	96.0	97.2	98.3	99.4	99.6	99.6	99.9	99.9	99.9	99.9	100.0	100.0
IV 0	4.3	83.0	87.8	93.0	96.0	97.2	98.3	99.4	99.6	99.6	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-70, 73-78
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.5	≥.5	≥.5	≥.5	≥.5
NO CEILING	5.1	57.6	59.1	59.2	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 20000	6.7	64.1	66.2	66.3	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
IV 18000	6.1	64.7	66.8	66.9	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
IV 16000	5.1	65.2	67.3	67.4	67.7	67.8	67.8	67.9	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
IV 14000	6.1	66.1	68.2	68.3	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
IV 12000	6.2	69.0	71.1	71.3	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
IV 10000	6.6	74.0	76.1	76.4	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV 9000	6.6	74.2	76.3	76.7	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 8000	6.7	77.1	79.4	79.8	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
IV 7000	6.7	78.7	80.3	80.7	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 6000	6.7	78.7	81.7	81.3	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 5000	6.7	79.3	81.7	82.0	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 4500	6.7	79.8	82.1	82.4	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IV 4000	6.7	81.1	83.6	83.9	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 3500	6.8	82.7	85.3	85.7	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 3000	7.0	85.4	88.3	88.8	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 2500	7.0	85.9	89.9	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
IV 2000	7.2	88.7	92.4	92.9	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 1800	7.2	88.9	92.7	93.1	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 1500	7.3	89.3	93.1	93.6	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 1200	7.4	90.8	94.8	95.3	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 1000	7.7	91.9	95.9	96.4	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 900	7.7	92.1	96.1	96.7	97.2	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 800	7.7	92.7	96.8	97.3	98.0	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 700	7.7	93.0	97.2	97.8	98.4	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 600	7.7	93.1	97.3	97.9	98.7	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 500	7.7	93.2	97.4	98.0	99.0	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	7.7	93.2	97.4	98.0	99.1	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	7.7	93.2	97.4	98.0	99.1	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	7.7	93.2	97.4	98.0	99.1	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 100	7.7	93.2	97.4	98.0	99.1	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 0	7.7	93.2	97.4	98.0	99.1	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1973
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-70, 73-76
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1507-1770
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	5.3	59.4	61.1	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
≥ 20000	5.9	66.7	68.7	69.3	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
IV ≥ 18000	5.9	67.3	69.3	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
IV ≥ 16000	5.9	67.9	69.9	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
IV ≥ 14000	6.0	69.0	71.1	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
IV ≥ 12000	6.0	70.9	73.0	73.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV ≥ 10000	6.6	73.3	77.7	78.1	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
IV ≥ 9000	6.6	75.6	77.9	78.3	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV ≥ 8000	6.6	79.3	81.8	82.2	82.4	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV ≥ 7000	6.6	80.3	82.8	83.2	83.4	83.4	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IV ≥ 6000	6.6	81.2	84.1	84.6	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
IV ≥ 5000	6.6	82.6	85.3	85.9	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV ≥ 4500	6.7	84.0	86.8	87.3	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV ≥ 4000	6.7	85.2	88.7	88.6	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV ≥ 3500	6.7	86.0	88.8	89.3	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV ≥ 3000	6.7	87.9	90.9	91.4	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV ≥ 2500	6.8	93.7	93.7	94.2	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV ≥ 2000	6.8	91.3	94.4	95.1	95.4	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV ≥ 1800	6.8	91.8	94.9	95.6	95.9	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV ≥ 1500	6.8	92.6	95.8	96.4	96.8	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV ≥ 1200	6.9	93.6	96.8	97.4	97.8	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV ≥ 1000	6.9	94.0	97.2	98.0	98.7	98.8	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV ≥ 900	6.9	94.1	97.3	98.1	98.8	98.9	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV ≥ 800	6.9	94.7	97.9	98.7	99.3	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV ≥ 700	6.9	94.8	98.0	98.8	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 600	6.9	94.8	98.0	98.8	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 500	6.9	94.8	98.0	98.8	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 400	6.9	94.8	98.0	98.8	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 300	6.9	94.8	98.0	98.8	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 200	6.9	94.8	98.0	98.8	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 100	6.9	94.8	98.0	98.8	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV ≥ 0	6.9	94.8	98.0	98.8	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

FEDERAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-70, 73-78
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS LST

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥0
NO CEILING	3.4	61.8	66.7	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 20000	3.4	67.7	71.9	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
IV 18000	3.4	67.9	72.2	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
IV 16000	3.4	68.4	72.8	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
IV 14000	3.4	68.8	73.1	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
IV 12000	3.4	70.8	75.1	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
IV 10000	3.4	73.0	77.4	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
IV 9000	3.4	73.3	77.6	79.3	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 8000	3.4	75.4	80.0	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 7000	3.4	76.8	81.3	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
IV 6000	3.4	77.4	82.2	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IV 5000	3.4	78.3	83.3	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
IV 4500	3.4	79.3	84.6	86.2	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 4000	3.4	81.6	85.8	88.6	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
IV 3500	3.4	81.9	87.1	88.9	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 3000	3.4	83.2	88.4	90.3	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 2500	3.4	84.6	90.0	91.9	93.0	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 2000	3.4	85.2	92.8	92.8	94.1	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
IV 1800	3.4	85.6	91.1	93.1	94.4	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 1500	3.6	86.7	92.2	94.2	95.6	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
IV 1200	3.6	87.0	92.8	94.8	95.2	96.4	96.9	97.0	97.3	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 1000	3.6	87.3	93.1	95.1	96.6	96.8	97.2	97.3	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6
IV 900	3.6	87.8	93.9	95.9	97.3	97.6	98.0	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3
IV 800	3.6	88.0	94.2	96.3	97.8	98.0	98.4	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8
IV 700	3.6	88.0	94.2	96.4	98.0	98.2	98.7	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0
IV 600	3.6	88.0	94.2	96.6	98.3	98.7	99.1	99.3	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6
IV 500	3.6	88.0	94.3	96.7	98.4	98.8	99.2	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	3.6	88.0	94.3	96.7	98.4	98.8	99.2	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0
IV 300	3.6	88.0	94.3	96.7	98.4	98.8	99.2	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0
IV 200	3.6	88.0	94.3	96.7	98.4	98.8	99.2	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0
IV 100	3.6	88.0	94.3	96.7	98.4	98.8	99.2	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0
IV 0	3.6	88.0	94.3	96.7	98.4	96.8	99.2	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13713
 STATION

SEYMOUR-JOHNSON AFB NC
 STATION NAME

67-73,73-79
 YEARS

SEP
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
 HOURS, LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.3	≥0.2	≥0.1	≥0.05	≥0.02	≥0.01
NO CEILING	1.1	57.4	64.8	68.8	70.1	70.2	70.3	70.3	70.3	70.4	70.6	70.6	70.6	70.6	70.6	70.6
≥ 20000	1.1	61.2	68.3	73.4	74.8	74.9	75.0	75.0	75.0	75.1	75.2	75.2	75.2	75.2	75.2	75.2
IV 18000	1.1	61.8	69.3	74.3	75.3	75.4	75.6	75.6	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8
IV 16000	1.1	61.8	69.3	74.3	75.3	75.4	75.6	75.6	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8
IV 14000	1.1	62.7	70.2	74.9	76.2	76.3	76.4	76.4	76.4	76.6	76.7	76.7	76.7	76.7	76.7	76.7
IV 12000	1.1	63.6	71.3	76.4	77.8	78.0	78.1	78.1	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3
IV 10000	1.1	64.7	72.6	78.4	79.8	80.1	80.2	80.2	80.2	80.3	80.4	80.4	80.4	80.4	80.4	80.4
IV 9000	1.1	64.8	72.7	78.6	79.9	80.2	80.3	80.3	80.3	80.4	80.6	80.6	80.6	80.6	80.6	80.6
IV 8000	1.1	67.2	75.1	81.1	82.6	82.9	83.0	83.0	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2
IV 7000	1.1	67.8	76.7	82.2	83.7	84.0	84.1	84.1	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3
IV 6000	1.1	68.2	76.6	82.9	84.3	84.7	84.8	84.8	84.8	84.9	85.0	85.0	85.0	85.0	85.0	85.0
IV 5000	1.1	69.9	78.3	84.8	86.2	86.6	86.7	86.7	86.7	86.8	86.9	86.9	86.9	86.9	86.9	86.9
IV 4500	1.1	70.4	79.1	85.8	87.2	87.6	87.7	87.7	87.7	87.8	87.9	87.9	87.9	87.9	87.9	87.9
IV 4000	1.1	72.4	81.3	88.0	89.6	90.0	90.1	90.1	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3
IV 3500	1.1	72.9	81.9	88.7	90.2	90.7	90.8	90.8	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0
IV 3000	1.1	73.6	82.6	89.4	91.0	91.4	91.6	91.6	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8
IV 2500	1.1	74.1	83.8	90.9	92.4	92.9	93.0	93.0	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2
IV 2000	1.1	74.4	84.3	91.6	93.3	93.8	94.0	94.0	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2
IV 1800	1.1	74.6	84.7	91.7	93.4	93.9	94.1	94.1	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3
IV 1500	1.1	75.0	85.1	92.4	94.3	94.9	95.1	95.1	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3
IV 1200	1.1	75.7	85.9	93.4	95.6	96.1	96.4	96.4	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.7
IV 1000	1.1	75.9	86.3	94.0	96.2	97.0	97.3	97.4	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7
IV 900	1.1	76.2	86.7	94.3	96.6	97.3	97.8	97.9	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1
IV 800	1.1	76.3	86.8	94.4	96.7	97.7	98.1	98.3	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6
IV 700	1.1	76.8	87.0	94.7	97.0	98.0	98.4	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9
IV 600	1.1	76.8	87.2	94.9	97.3	98.6	99.0	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4
IV 500	1.1	76.9	87.4	95.1	97.8	99.0	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 400	1.1	76.9	87.4	95.2	97.9	99.1	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	1.1	76.9	87.4	95.2	97.9	99.1	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	1.1	76.9	87.4	95.2	97.9	99.1	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	1.1	76.9	87.4	95.2	97.9	99.1	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	1.1	76.9	87.4	95.2	97.9	99.1	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

19713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-70,73-78
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.025	≥.01	≥0
NO CEILING	2.4	49.3	54.6	57.9	60.3	61.1	62.0	62.8	63.1	63.4	63.6	63.6	63.6	63.7	63.8	63.9
IV 20000	2.7	53.3	59.0	62.7	65.2	66.1	67.1	67.9	68.2	68.5	68.7	68.7	68.8	68.8	68.9	69.1
IV 18000	2.7	53.7	59.4	63.1	65.6	66.5	67.5	68.4	68.6	68.9	69.1	69.1	69.2	69.2	69.3	69.5
IV 16000	2.7	53.9	59.7	63.4	65.8	66.8	67.8	68.6	68.9	69.2	69.4	69.4	69.5	69.5	69.6	69.8
IV 14000	2.7	54.6	60.3	64.1	66.5	67.5	68.4	69.3	69.6	69.9	70.1	70.1	70.2	70.2	70.3	70.5
IV 12000	2.9	55.2	62.1	66.0	68.6	69.5	70.5	71.4	71.6	71.9	72.1	72.2	72.2	72.3	72.4	72.5
IV 10000	2.9	58.7	64.8	69.0	71.8	72.7	73.8	74.7	75.0	75.3	75.3	75.5	75.5	75.6	75.7	75.9
IV 9000	2.9	59.0	65.1	69.2	72.3	73.0	74.0	75.0	75.3	75.6	75.8	75.8	75.9	75.9	76.0	76.2
IV 8000	2.9	61.4	67.7	72.1	74.9	76.0	77.0	78.0	78.3	78.6	78.8	78.8	78.9	79.0	79.1	79.2
IV 7000	2.9	62.1	68.5	72.7	75.8	76.9	77.9	78.9	79.2	79.5	79.7	79.8	79.8	79.9	80.0	80.2
IV 6000	2.9	63.7	69.2	73.7	76.6	77.6	78.7	79.6	79.9	80.2	80.4	80.5	80.6	80.6	80.7	80.9
IV 5000	2.9	63.5	70.1	74.6	77.5	78.5	79.6	80.5	80.9	81.2	81.4	81.5	81.6	81.6	81.7	81.8
IV 4500	3.0	64.2	70.9	75.4	78.4	79.4	80.5	81.4	81.8	82.1	82.3	82.3	82.4	82.5	82.6	82.8
IV 4000	3.0	65.6	72.4	77.1	80.1	81.2	82.3	83.3	83.6	84.0	84.2	84.2	84.3	84.4	84.5	84.6
IV 3500	3.0	66.1	73.0	77.7	80.8	81.9	83.0	84.0	84.4	84.7	84.9	85.0	85.1	85.1	85.2	85.4
IV 3000	3.0	67.4	74.5	79.3	82.5	83.6	84.8	85.7	86.1	86.4	86.7	86.7	86.8	86.8	86.9	87.1
IV 2500	3.0	68.6	75.8	80.7	83.9	85.0	86.2	87.2	87.6	87.9	88.1	88.2	88.3	88.3	88.4	88.6
IV 2000	3.0	69.3	76.8	81.7	85.0	86.1	87.4	88.4	88.8	89.1	89.3	89.3	89.4	89.5	89.6	89.7
IV 1800	3.0	69.7	77.1	82.0	85.3	86.5	87.8	88.8	89.1	89.5	89.7	89.7	89.8	89.9	90.0	90.1
IV 1500	3.1	70.3	77.8	82.9	86.2	87.3	88.6	89.7	90.0	90.4	90.6	90.6	90.7	90.8	90.8	91.0
IV 1200	3.1	71.2	78.9	84.0	87.4	88.6	89.9	91.0	91.4	91.8	92.0	92.0	92.1	92.2	92.3	92.4
IV 1000	3.2	71.7	79.5	84.7	88.2	89.5	91.0	92.2	92.6	92.9	93.2	93.2	93.3	93.3	93.4	93.6
IV 900	3.2	72.2	80.1	85.3	88.8	90.2	91.7	92.9	93.3	93.7	93.9	93.9	94.0	94.1	94.2	94.3
IV 800	3.2	72.8	80.6	85.9	89.6	91.0	92.5	93.8	94.2	94.6	94.8	94.8	94.9	95.0	95.1	95.2
IV 700	3.2	72.9	81.0	86.4	90.2	91.6	93.2	94.5	94.9	95.3	95.5	95.6	95.7	95.7	95.8	96.0
IV 600	3.2	73.0	81.2	86.7	90.6	92.1	93.7	95.0	95.4	95.8	96.1	96.1	96.2	96.3	96.3	96.5
IV 500	3.2	73.2	81.5	87.1	91.0	92.8	94.5	96.0	96.4	96.9	97.2	97.2	97.3	97.4	97.5	97.7
IV 400	3.2	73.3	81.5	87.2	91.5	93.1	95.0	96.5	96.9	97.4	97.8	97.8	98.0	98.0	98.1	98.3
IV 300	3.2	73.3	81.6	87.3	91.7	93.3	95.2	96.8	97.3	97.9	98.4	98.4	98.4	98.5	98.6	98.9
IV 200	3.2	73.3	81.6	87.3	91.7	93.3	95.2	96.8	97.3	97.9	98.4	98.4	98.4	98.5	98.6	98.9
IV 100	3.2	73.3	81.6	87.3	91.7	93.3	95.2	96.8	97.4	98.0	98.4	98.5	98.5	98.6	98.7	98.9
IV 0	3.2	73.3	81.6	87.3	91.7	93.3	95.2	96.8	97.4	98.0	98.4	98.5	98.5	98.6	98.7	98.9

TOTAL NUMBER OF OBSERVATIONS 7200

15920

CENTRAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1973 SEYMOUR-JOHNSON AFB NC

67-70, 73-78

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1952-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	3.9	57.3	63.2	65.3	69.4	69.8	70.0	70.5	70.6	70.9	70.9	70.9	71.0	71.0	71.0	71.0
≥ 20000	3.9	58.5	64.0	67.8	71.1	71.5	72.0	72.6	72.7	73.0	73.0	73.0	73.0	73.1	73.1	73.2
IV 18000	3.9	58.6	64.6	69.1	71.2	71.6	72.2	72.7	72.8	73.1	73.1	73.1	73.2	73.2	73.3	73.3
IV 16000	3.9	58.7	64.7	68.1	71.3	71.7	72.3	72.6	72.9	73.2	73.2	73.2	73.3	73.3	73.4	73.4
IV 14000	3.9	59.2	65.3	68.6	72.0	72.5	73.0	73.5	73.7	74.0	74.0	74.0	74.1	74.1	74.2	74.2
IV 12000	3.9	60.5	67.0	70.3	73.8	74.2	74.8	75.4	75.5	75.6	75.8	75.8	75.9	75.9	76.0	76.0
IV 10000	3.9	61.9	68.6	72.2	76.2	76.7	77.4	78.0	78.2	78.5	78.5	78.5	78.6	78.6	78.7	78.7
IV 9000	3.9	62.8	69.9	73.0	77.1	77.5	78.3	78.8	79.0	79.4	79.4	79.4	79.5	79.5	79.6	79.6
IV 8000	3.9	64.1	71.3	75.2	79.2	79.7	80.4	81.1	81.3	81.6	81.6	81.6	81.7	81.7	81.8	81.8
IV 7000	3.9	64.8	72.4	76.3	80.4	80.9	81.6	82.3	82.5	82.8	82.8	82.8	82.9	82.9	83.0	83.0
IV 6000	3.9	65.7	73.4	77.5	81.6	82.0	82.8	83.4	83.7	84.0	84.0	84.0	84.1	84.1	84.2	84.2
IV 5000	3.9	67.0	74.6	78.9	83.1	83.9	84.6	85.3	85.5	85.8	85.8	85.8	85.9	85.9	86.0	86.0
IV 4500	3.9	67.8	75.3	79.9	84.1	84.8	85.6	86.2	86.5	86.8	86.8	86.8	86.9	86.9	87.0	87.0
IV 4000	3.9	68.6	76.6	80.8	85.1	85.8	86.6	87.2	87.4	87.7	87.7	87.7	87.8	87.8	88.0	88.0
IV 3500	3.9	68.7	76.7	80.9	85.2	85.9	86.8	87.4	87.6	88.0	88.0	88.0	88.1	88.1	88.2	88.2
IV 3000	3.9	69.1	77.3	81.7	86.1	86.9	87.7	88.4	88.6	88.9	88.9	88.9	89.0	89.0	89.1	89.1
IV 2500	3.9	69.4	77.7	82.2	86.6	87.3	88.2	88.8	89.0	89.4	89.4	89.4	89.5	89.5	89.6	89.6
IV 2000	3.9	69.9	78.7	83.2	87.6	88.4	89.5	90.1	90.3	90.6	90.6	90.6	90.8	90.8	90.9	90.9
IV 1800	3.9	69.9	78.8	83.3	87.7	88.5	89.7	90.3	90.5	90.9	90.9	90.9	91.0	91.0	91.1	91.1
IV 1500	3.9	70.4	79.8	84.4	88.8	89.6	90.8	91.4	91.6	91.9	91.9	91.9	92.0	92.0	92.2	92.2
IV 1200	3.9	71.6	80.8	85.4	89.8	90.5	91.9	92.6	92.8	93.1	93.1	93.1	93.2	93.2	93.3	93.3
IV 1000	3.9	72.2	82.0	86.7	91.4	92.3	93.8	94.4	94.6	94.9	94.9	94.9	95.1	95.1	95.2	95.2
IV 900	3.9	72.4	82.5	87.3	92.0	92.9	94.6	95.3	95.5	95.8	95.8	95.8	95.9	95.9	96.0	96.0
IV 800	3.9	72.4	82.6	87.6	92.6	93.4	95.2	95.6	96.0	96.3	96.3	96.3	96.5	96.5	96.6	96.6
IV 700	3.9	72.5	83.0	88.1	93.0	93.9	95.6	96.2	96.5	96.8	96.8	96.8	96.9	96.9	97.0	97.0
IV 600	3.9	72.5	83.1	88.2	93.3	94.2	95.9	96.6	96.8	97.1	97.2	97.2	97.3	97.3	97.4	97.4
IV 500	3.9	72.6	83.4	88.5	93.8	94.6	96.3	97.2	97.4	97.7	97.8	97.8	98.0	98.0	98.1	98.1
IV 400	3.9	72.9	83.8	88.8	94.1	95.1	96.8	98.0	98.2	98.6	98.7	98.7	98.8	98.8	98.9	98.9
IV 300	3.9	72.9	83.8	88.8	94.2	95.2	97.0	98.4	98.7	99.1	99.4	99.4	99.5	99.5	99.6	99.6
IV 200	3.9	72.9	83.8	88.9	94.3	95.3	97.1	98.5	98.8	99.2	99.5	99.5	99.6	99.6	99.7	99.7
IV 100	3.9	72.9	83.8	88.9	94.3	95.3	97.1	98.5	98.8	99.4	99.6	99.6	99.7	99.7	99.8	99.8
IV 0	3.9	72.9	83.8	88.9	94.3	95.3	97.1	98.5	98.8	99.4	99.6	99.6	99.7	99.7	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 AFAS/STAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14713 SEYMOUR-JOHNSON AFB NC

67-70, 73-75

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

377-1, 72
 MONTH

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.025	≥.01	≥.005
NO CEILING	2.9	41.8	53.1	57.6	61.1	61.7	63.8	64.6	65.1	65.3	65.7	65.7	66.1	66.5	66.8	67.4
≥ 20000	2.9	42.5	54.2	58.9	62.7	63.5	65.6	66.9	67.3	67.5	68.1	68.1	68.5	68.8	69.1	70.6
IV 18000	2.9	42.6	54.3	59.0	62.8	63.7	65.7	67.0	67.4	67.6	68.2	68.2	68.6	68.9	69.2	69.9
IV 16000	2.9	42.6	54.3	59.0	62.8	63.7	65.7	67.0	67.4	67.6	68.2	68.2	68.6	68.9	69.2	69.9
IV 14000	2.9	43.0	54.7	59.5	63.3	64.3	66.3	67.7	68.2	68.4	68.9	68.9	69.4	69.7	70.2	70.6
IV 12000	2.9	43.3	55.3	60.2	64.1	65.1	67.1	68.6	69.1	69.4	69.9	69.9	70.4	70.8	71.1	71.7
IV 10000	2.9	44.4	56.5	61.4	65.3	66.2	68.4	69.9	70.8	71.2	71.7	71.7	72.3	72.6	72.9	73.5
IV 9000	2.9	44.4	56.5	61.4	65.3	66.3	68.5	70.3	70.6	71.0	71.3	71.8	72.4	72.7	73.0	73.7
IV 8000	2.9	45.0	58.0	63.1	67.0	68.3	70.4	71.9	72.7	73.2	73.8	73.8	74.3	74.6	74.9	75.6
IV 7000	2.9	46.1	59.5	63.8	68.0	68.9	71.2	72.6	73.3	73.9	74.4	74.4	74.9	75.3	75.6	76.2
IV 6000	2.9	47.1	59.8	64.0	69.1	70.1	72.3	73.6	74.5	75.1	75.6	75.6	76.1	76.5	76.9	77.4
IV 5000	2.9	48.7	61.7	67.1	71.6	72.1	74.7	76.2	77.0	77.5	78.1	78.1	78.6	78.9	79.2	79.9
IV 4500	2.9	49.0	62.0	67.4	71.9	72.5	75.2	76.8	77.5	78.1	78.6	78.6	79.1	79.5	79.8	80.4
IV 4000	2.9	49.8	63.1	68.8	73.4	74.4	76.7	78.4	79.4	79.9	80.4	80.4	81.0	81.3	81.6	82.3
IV 3500	2.9	50.0	63.3	69.2	73.9	74.8	77.1	78.8	79.6	80.3	80.9	80.9	81.4	81.7	82.0	82.7
IV 3000	2.9	50.1	63.5	69.6	74.3	75.3	77.7	79.5	80.4	81.0	81.5	81.5	82.0	82.4	82.7	83.3
IV 2500	2.9	50.8	64.3	70.5	75.4	76.5	79.0	80.6	81.7	82.3	82.8	82.8	83.3	83.7	84.0	84.6
IV 2000	2.9	51.3	65.2	71.5	76.3	77.4	80.2	81.9	82.9	83.4	84.0	84.0	84.5	84.8	85.2	85.8
IV 1800	2.9	51.7	65.7	72.0	76.9	78.1	81.0	82.7	83.7	84.2	84.7	84.7	85.3	85.6	85.9	86.6
IV 1500	2.9	52.7	66.7	73.1	77.1	79.2	82.2	83.7	84.6	85.4	85.9	85.9	86.5	86.8	87.1	87.7
IV 1200	2.9	53.3	68.0	74.4	79.4	81.5	83.7	85.4	86.3	86.9	87.4	87.4	88.0	88.3	88.6	89.2
IV 1000	2.9	54.3	69.0	75.7	80.6	81.8	85.4	87.3	88.3	88.8	89.4	89.4	89.9	90.2	90.5	91.2
IV 900	2.9	54.4	69.1	75.8	80.3	81.9	85.5	87.4	88.4	88.9	89.5	89.5	90.0	90.3	90.6	91.3
IV 800	2.9	54.5	69.7	77.0	82.0	83.2	86.8	88.9	89.9	90.4	91.0	91.0	91.5	91.8	92.2	92.8
IV 700	2.9	54.6	70.1	77.6	82.7	83.9	87.4	89.6	90.5	91.1	91.6	91.6	92.2	92.5	92.8	93.4
IV 600	2.9	54.9	70.4	78.0	83.0	84.3	87.6	90.1	91.1	91.6	92.2	92.2	92.7	93.0	93.3	94.0
IV 500	2.9	54.9	70.5	78.4	83.5	84.9	88.7	91.2	92.2	92.9	93.4	93.4	94.0	94.3	94.6	95.3
IV 400	2.9	55.1	70.8	78.5	83.7	85.2	89.1	91.8	92.8	93.5	94.1	94.1	94.7	95.1	95.4	96.1
IV 300	2.9	55.1	70.8	78.5	83.7	85.3	89.6	92.6	93.9	94.7	95.4	95.4	96.0	96.3	96.7	97.4
IV 200	2.9	55.1	70.8	78.5	83.8	85.4	89.7	93.1	94.3	95.2	95.8	95.8	96.7	97.0	98.0	98.7
IV 100	2.9	55.1	70.8	78.6	83.8	85.4	89.7	93.1	94.4	95.2	95.8	95.8	96.8	97.2	98.2	99.4
IV 0	2.9	55.1	70.8	78.6	83.8	85.4	89.7	93.1	94.4	95.2	95.8	95.8	96.8	97.2	98.2	99.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1973
 STATION

SEYMOUR-JOHNSON AFB NC
 STATION NAME

67-70, 75-78
 YEARS

OCT
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1607-1600
 HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥1	≥.5	≥.1	≥.05	≥.01	≥.00	≥.00
NO CEILING	2.2	35.7	42.4	47.4	51.8	53.7	55.1	56.3	56.8	57.0	57.5	57.5	58.3	58.4	59.4	60.0
≥ 20000	2.4	37.8	44.8	50.1	54.5	56.3	57.7	59.5	59.9	60.2	60.9	60.9	61.6	61.8	62.8	63.7
≥ 18000	2.4	37.8	44.8	50.1	54.6	56.5	57.8	59.7	60.1	60.4	61.1	61.1	61.8	62.0	63.0	63.9
≥ 16000	2.4	37.8	44.8	50.1	54.6	56.5	57.8	59.7	60.1	60.4	61.1	61.1	61.8	62.0	63.0	63.9
≥ 14000	2.4	38.0	44.9	50.2	54.7	56.6	58.0	59.9	60.3	61.6	61.4	61.4	62.2	62.4	63.3	64.2
≥ 12000	2.4	38.6	45.7	51.2	56.0	57.8	59.5	61.5	62.0	62.4	63.1	63.1	63.9	64.1	65.1	65.9
≥ 10000	2.4	40.3	47.4	53.2	58.4	60.0	62.4	64.5	65.1	65.5	66.2	66.3	67.1	67.4	68.5	69.4
≥ 9000	2.4	40.4	47.6	53.5	59.7	61.2	62.8	64.9	65.5	65.9	66.7	66.8	67.5	67.8	68.9	69.8
≥ 8000	2.5	41.3	48.9	54.8	60.0	62.5	64.1	66.2	66.8	67.2	68.0	68.1	68.8	69.1	70.2	71.1
≥ 7000	2.5	41.6	49.5	55.4	60.5	63.0	64.6	66.8	67.3	67.7	68.5	68.6	69.4	69.7	70.8	71.6
≥ 6000	2.5	42.4	50.1	56.1	61.5	64.0	65.6	67.7	68.3	68.7	69.5	69.6	70.3	70.6	71.7	72.0
≥ 5000	2.5	43.8	51.8	58.0	63.4	65.9	67.5	69.7	70.4	70.9	71.6	71.7	72.5	72.8	73.9	74.7
≥ 4500	2.5	44.4	52.8	59.7	64.2	66.7	68.3	70.4	71.2	71.6	72.4	72.5	73.2	73.5	74.6	75.0
≥ 4000	2.5	45.2	53.5	60.3	65.6	68.2	69.9	72.5	73.3	73.8	74.5	74.6	75.4	75.7	76.8	77.6
≥ 3500	2.5	45.9	54.3	60.9	66.3	69.0	70.8	73.1	74.2	74.6	75.4	75.5	76.2	76.5	77.6	78.5
≥ 3000	2.5	46.7	55.3	62.0	67.7	70.3	72.0	74.4	75.5	75.9	76.7	76.8	77.5	77.8	78.9	79.8
≥ 2500	2.5	47.0	55.7	62.6	68.3	70.9	72.8	75.3	76.3	76.8	77.5	77.6	78.4	78.7	79.8	80.6
≥ 2000	2.5	48.2	57.0	64.0	69.7	72.4	74.4	76.9	78.0	78.5	79.2	79.4	80.1	80.4	81.5	82.4
≥ 1800	2.5	49.1	58.0	64.9	70.6	73.3	75.4	77.8	78.9	79.5	80.2	80.3	81.1	81.4	82.5	83.3
≥ 1500	2.5	53.4	59.4	66.5	72.5	75.4	77.5	80.0	81.1	81.6	82.4	82.5	83.2	83.5	84.6	85.5
≥ 1200	2.7	51.1	60.3	67.3	73.3	76.2	78.6	81.2	82.3	82.8	83.7	83.8	84.5	84.8	85.9	86.8
≥ 1000	2.7	51.3	60.3	67.8	74.1	77.1	79.5	82.5	83.5	84.1	85.1	85.2	85.9	86.2	87.3	88.2
≥ 900	2.7	51.8	63.9	68.8	75.3	78.4	80.8	83.8	84.8	85.5	86.5	86.6	87.3	87.6	88.7	89.6
≥ 800	2.7	52.0	61.1	69.7	76.3	79.5	81.9	84.9	86.0	86.7	87.6	87.7	88.5	88.8	89.7	90.6
≥ 700	2.7	52.0	61.5	70.5	77.4	80.5	83.0	86.0	87.1	87.7	88.7	88.8	89.6	89.9	91.0	91.9
≥ 600	2.7	52.0	61.5	70.6	77.6	80.9	83.4	86.6	87.7	88.4	89.4	89.5	90.2	90.5	91.6	92.6
≥ 500	2.7	52.0	61.7	70.9	78.3	81.6	84.4	87.5	88.7	89.7	90.6	90.8	91.6	91.9	93.0	94.0
≥ 400	2.7	52.3	61.8	71.0	78.7	82.0	85.1	88.4	89.6	91.0	92.2	92.3	93.1	93.7	94.7	95.8
≥ 300	2.7	52.3	62.0	71.3	79.0	82.4	85.7	89.5	90.6	92.3	93.7	93.8	94.8	95.4	96.5	97.6
≥ 200	2.7	52.3	62.0	71.3	79.0	82.4	85.7	89.6	90.6	92.4	93.9	94.0	95.1	95.6	96.7	97.6
≥ 100	2.7	52.3	62.0	71.3	79.0	82.4	85.7	89.6	90.8	92.4	94.0	94.1	95.2	95.9	97.1	99.6
≥ 0	2.7	52.3	62.0	71.3	79.0	82.4	85.7	89.6	90.8	92.4	94.0	94.1	95.2	95.9	97.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13713 SEYMOUR-JOHNSON AFB LC

67-70, 73-79

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1000-1100
HOURS LST

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	6.0	54.6	57.0	58.1	58.2	58.2	58.5	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1
≥20000	6.3	58.9	61.1	62.4	62.6	62.6	63.1	63.7	63.7	63.7	63.7	63.8	63.8	63.8	63.9	63.9
≥18000	6.0	59.0	61.6	62.9	63.1	63.3	63.7	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.4	64.4
≥16000	6.3	59.0	61.6	63.0	63.2	63.4	63.8	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.5	64.5
≥14000	6.0	59.4	61.9	63.3	63.5	63.8	64.1	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.8	64.8
≥12000	6.3	60.0	62.7	64.1	64.3	64.6	65.1	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.8	65.8
≥10000	6.2	64.6	67.8	69.4	69.7	70.0	70.5	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.3	71.3
≥9000	6.2	65.5	68.9	70.4	70.8	71.1	71.6	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.4	72.4
≥8000	6.2	68.4	72.0	73.5	74.0	74.3	74.8	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.6	75.6
≥7000	6.2	68.9	72.7	74.3	74.7	75.1	75.6	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.3	76.3
≥6000	6.2	75.0	73.8	75.4	75.8	76.1	76.7	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.4	77.4
≥5000	6.2	71.7	75.6	77.5	78.1	78.5	79.1	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.9	79.9
≥4500	6.2	72.0	75.9	77.8	78.4	78.8	79.5	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.2	80.2
≥4000	6.2	73.2	77.2	79.4	80.1	80.5	81.2	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.2	82.2
≥3500	6.2	74.4	78.4	80.5	81.3	81.7	82.4	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.3	83.3
≥3000	6.2	75.5	79.7	81.6	82.6	83.1	83.6	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.7	84.7
≥2500	6.2	76.8	81.1	83.3	84.2	84.9	85.6	86.3	86.5	86.5	86.6	86.6	86.6	86.6	86.7	86.7
≥2000	6.2	77.6	82.7	84.5	85.5	86.3	87.0	87.8	88.0	88.0	88.1	88.1	88.1	88.1	88.2	88.2
≥1800	6.2	78.7	83.1	85.6	86.6	87.4	88.1	88.9	89.0	89.0	89.1	89.1	89.1	89.1	89.2	89.2
≥1500	6.2	79.6	84.3	86.8	87.7	88.7	89.4	90.3	90.5	90.6	90.6	90.8	90.8	90.8	90.9	90.9
≥1200	6.2	80.9	85.8	88.5	89.6	90.6	91.3	92.3	92.5	92.7	92.8	92.8	92.8	92.8	92.9	92.9
≥1000	6.2	81.6	87.0	89.8	91.0	92.2	92.9	94.0	94.2	94.4	94.5	94.5	94.5	94.5	94.6	94.6
≥900	6.2	82.2	87.8	90.9	92.0	93.2	94.0	95.1	95.3	95.5	95.6	95.6	95.6	95.6	95.7	95.7
≥800	6.2	82.3	88.7	91.8	93.0	94.3	95.1	96.1	96.3	96.7	96.8	96.8	96.8	96.8	96.9	96.9
≥700	6.2	82.8	88.7	91.8	93.1	94.4	95.3	96.3	96.7	97.0	97.1	97.1	97.1	97.1	97.2	97.2
≥600	6.2	82.8	89.0	92.2	93.5	94.8	95.9	97.0	97.3	97.6	97.7	97.7	97.7	97.8	98.0	98.0
≥500	6.2	82.8	89.0	92.3	93.7	95.2	96.2	97.4	97.7	98.2	98.3	98.3	98.4	98.4	98.5	98.5
≥400	6.2	82.8	89.0	92.3	93.7	95.2	96.3	97.7	98.2	98.7	98.8	98.8	98.9	98.9	99.1	99.1
≥300	6.2	82.8	89.0	92.3	93.7	95.2	96.3	98.1	98.5	99.0	99.2	99.2	99.4	99.4	99.6	99.6
≥200	6.2	82.8	89.0	92.3	93.7	95.2	96.3	98.2	98.6	99.2	99.5	99.5	99.6	99.7	100.0	100.0
≥100	6.2	82.8	89.0	92.3	93.7	95.2	96.3	98.2	98.6	99.2	99.5	99.5	99.6	99.7	100.0	100.0
≥0	6.2	82.8	89.0	92.3	93.7	95.2	96.3	98.2	98.6	99.2	99.5	99.5	99.6	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 933

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AID WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1713
STATION

SEYMCUR-JOHNSON AFB NC
STATION NAME

67-79, 73-78
YEARS

OCF
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LT)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.5	≥.25	≥.1	≥.05	≥.01
NO CEILING	7.8	63.7	64.0	64.0	64.1	64.2	64.2	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 20000	8.1	69.5	69.8	69.8	69.9	70.0	70.0	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2
IV 18000	8.1	70.1	70.4	70.4	70.5	70.6	70.6	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9
IV 16000	8.1	70.5	70.9	70.9	71.0	71.1	71.1	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3
IV 14000	8.2	71.0	71.3	71.3	71.4	71.5	71.5	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7
IV 12000	8.4	72.6	72.9	72.9	73.0	73.1	73.1	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3
IV 10000	8.6	77.2	77.6	77.6	77.7	77.8	77.8	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IV 9000	8.6	77.4	77.8	77.8	78.0	78.1	78.1	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IV 8000	8.6	79.0	79.5	79.5	79.6	79.7	79.7	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 7000	8.6	80.9	81.4	81.4	81.5	81.6	81.6	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8
IV 6000	8.6	82.2	82.7	82.8	82.9	83.0	83.0	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 5000	8.6	83.3	84.2	84.4	84.6	84.7	84.8	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 4500	8.6	84.0	84.8	85.1	85.3	85.4	85.5	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 4000	8.6	85.6	86.6	86.8	87.0	87.1	87.2	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 3500	8.6	86.8	87.7	88.0	88.2	88.3	88.5	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 3000	8.6	88.7	89.8	90.2	90.6	90.8	91.0	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 2500	8.6	89.6	90.8	91.3	92.0	92.2	92.4	92.5	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 2000	8.6	91.3	92.5	93.1	94.0	94.1	94.4	94.5	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 1800	8.6	91.7	92.9	93.5	94.4	94.5	94.8	94.9	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 1500	8.6	92.9	94.2	94.8	95.7	95.8	96.1	96.2	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 1200	8.6	94.0	95.4	96.0	96.9	97.0	97.3	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 1000	8.6	94.4	95.8	96.5	97.3	97.6	98.0	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 900	8.6	94.5	95.9	96.6	97.4	97.8	98.2	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 800	8.6	94.6	96.0	96.7	97.5	98.0	98.3	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 700	8.6	94.8	96.2	96.9	98.2	98.6	98.9	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 600	8.6	94.8	96.2	96.9	98.2	98.6	99.0	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 500	8.6	94.8	96.2	96.9	98.2	98.6	99.0	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 400	8.6	94.8	96.2	96.9	98.2	98.6	99.1	99.4	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IV 300	8.6	94.8	96.2	96.9	98.2	98.6	99.1	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	8.6	94.8	96.2	96.9	98.2	98.6	99.1	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	8.6	94.8	96.2	96.9	98.2	98.6	99.1	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	8.6	94.8	96.2	96.9	98.2	98.6	99.1	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 932

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13713
STATION

SEYHOUR-JOHNSON AFB NC
STATION NAME

67-70, 73-78
YEARS

0.1
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (EST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥0
NO CEILING	7.1	63.7	64.1	64.2	64.4	64.4	64.5	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 20000	7.4	63.6	69.0	69.1	69.4	69.4	69.5	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7
IV 18000	7.4	63.8	69.2	69.4	69.6	69.6	69.7	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9
IV 16000	7.4	66.9	69.4	69.5	69.7	69.7	69.8	69.9	69.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 14000	7.5	70.2	70.6	70.8	71.0	71.1	71.1	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3
IV 12000	7.5	71.6	72.0	72.2	72.4	72.4	72.5	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 10000	8.0	77.1	77.7	77.8	78.1	78.1	78.2	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4
IV 9000	8.2	77.5	78.2	78.3	78.5	78.5	78.6	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8
IV 8000	8.5	81.2	81.6	81.9	82.2	82.2	82.3	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
IV 7000	8.5	82.9	83.5	83.7	83.9	83.9	84.0	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 6000	8.5	84.2	84.8	84.9	85.2	85.2	85.3	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV 5000	8.6	85.2	86.5	86.6	86.8	86.8	86.9	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 4500	8.6	86.7	87.3	87.4	87.6	87.6	87.7	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 4000	8.6	88.6	89.2	89.4	89.6	89.7	89.8	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 3500	8.8	89.2	89.9	90.0	90.3	90.4	90.5	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 3000	8.8	91.3	91.9	92.2	92.5	92.6	92.7	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 2500	8.8	92.0	92.8	93.2	93.5	93.7	93.8	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 2000	8.8	93.7	94.5	95.3	95.6	95.8	95.9	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 1800	8.8	93.8	94.6	95.4	95.7	95.9	96.1	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 1500	8.8	94.9	95.3	96.7	97.0	97.2	97.4	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 1200	8.9	95.4	96.3	97.1	97.4	97.6	97.8	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 1000	8.9	95.4	96.3	97.1	97.4	97.6	97.8	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 900	8.9	95.4	96.3	97.1	97.4	97.6	97.8	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 800	8.9	95.7	96.7	97.4	97.8	98.1	98.4	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 700	8.9	95.8	96.8	97.6	98.1	98.3	98.6	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 600	8.9	95.9	96.9	97.7	98.3	98.5	98.8	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 500	8.9	95.9	96.9	97.7	98.5	98.8	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	8.9	95.9	96.9	97.7	98.5	98.8	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	8.9	95.9	96.9	97.7	98.5	98.8	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	8.9	95.9	96.9	97.7	98.5	98.8	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	8.9	95.9	96.9	97.7	98.5	98.8	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	8.9	95.9	96.9	97.7	98.5	98.8	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOPAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13713
 STATION

SEYMOUR-JOHNSON AFB NC
 STATION NAME

67-70, 73-73
 YEARS

OCT
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2100
 HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥0
NO CEILING	4.3	68.1	69.1	69.2	69.2	69.2	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 20000	5.1	71.3	72.9	72.9	72.9	72.9	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 18000	5.1	71.5	73.2	73.3	73.3	73.3	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IV 16000	5.1	71.6	73.3	73.4	73.4	73.4	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
IV 14000	5.1	72.8	74.5	74.6	74.6	74.6	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 12000	5.1	74.2	75.9	76.0	76.0	76.0	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 10000	5.1	76.2	78.7	78.9	78.9	78.9	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 9000	5.1	77.3	79.8	80.0	80.0	80.0	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
IV 8000	5.1	79.8	82.5	82.7	82.8	82.8	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 7000	5.1	81.1	83.9	84.2	84.3	84.3	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
IV 6000	5.1	82.4	85.3	85.6	85.7	85.7	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IV 5000	5.1	83.5	86.7	87.0	87.1	87.1	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
IV 4500	5.1	84.5	87.6	88.1	88.2	88.2	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 4000	5.1	86.7	89.9	90.3	90.6	90.6	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 3500	5.1	86.8	90.1	90.8	91.2	91.4	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 3000	5.1	87.7	91.3	91.9	92.4	92.6	92.8	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IV 2500	5.1	88.8	92.0	92.7	93.1	93.3	93.5	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 2000	5.1	89.8	93.8	94.6	95.3	95.5	95.7	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 1800	5.1	90.0	94.1	94.8	95.5	95.7	96.0	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 1500	5.1	90.3	94.3	95.3	95.9	96.1	96.5	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 1200	5.1	90.6	94.6	95.7	96.3	96.6	96.9	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 1000	5.1	90.6	94.9	96.0	96.9	97.1	97.7	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 900	5.1	90.6	94.9	96.0	97.0	97.2	97.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 800	5.1	90.8	95.2	96.3	97.4	97.6	98.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 700	5.1	90.8	95.2	96.3	97.5	98.0	98.6	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 600	5.1	90.8	95.2	96.5	97.6	98.2	98.8	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 500	5.1	90.8	95.2	96.5	97.6	98.2	98.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	5.1	90.8	95.2	96.5	97.6	98.2	98.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	5.1	90.8	95.2	96.5	97.6	98.2	98.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	5.1	90.8	95.2	96.5	97.6	98.2	98.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	5.1	90.8	95.2	96.5	97.6	98.2	98.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	5.1	90.8	95.2	96.5	97.6	98.2	98.8	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 932

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

17713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-77, 75-78
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

L100-2300
HOURS LST

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.7	≥2	≥1.7	≥1.4	≥1	≥.7	≥.5	≥.3	≥.2	≥.1	≥0
NO CEILING	3.7	67.1	71.3	73.9	74.4	74.5	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 20000	3.7	69.0	73.3	76.3	76.9	77.0	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 18000	3.7	69.0	73.3	76.3	76.9	77.0	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 16000	3.7	69.0	73.3	76.3	76.9	77.0	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 14000	3.7	69.9	74.2	77.2	77.7	77.8	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IV 12000	3.7	70.6	75.1	78.1	78.6	78.7	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
IV 10000	3.7	73.3	78.3	81.6	82.3	82.4	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 9000	3.7	74.3	79.4	82.8	83.4	83.5	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 8000	3.7	76.5	81.9	85.6	86.2	86.3	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 7000	3.7	77.2	82.9	86.6	87.2	87.3	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 6000	3.7	78.0	83.8	87.4	88.1	88.2	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 5000	3.7	78.8	84.6	88.4	89.1	89.2	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 4500	3.7	79.4	85.4	89.4	90.1	90.2	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 4000	3.7	80.5	86.6	90.5	91.3	91.4	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 3500	3.7	80.5	86.7	90.8	91.6	91.7	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 3000	3.7	81.0	87.2	91.4	92.3	92.4	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 2500	3.7	81.4	87.7	92.2	93.0	93.1	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 2000	3.7	82.3	88.8	93.2	94.1	94.2	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 1800	3.7	82.5	89.7	93.7	94.5	94.6	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 1500	3.7	82.7	89.9	94.1	94.9	95.1	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 1200	3.7	83.0	89.9	94.6	95.6	95.7	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 900	3.7	83.3	90.3	95.1	96.1	96.2	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 800	3.7	83.5	90.5	95.5	96.6	96.7	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 700	3.7	83.5	90.8	95.7	97.0	97.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
IV 600	3.7	83.7	91.0	95.9	97.3	97.7	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 500	3.7	83.7	91.0	95.9	97.3	97.7	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 400	3.7	83.7	91.0	95.9	97.3	97.7	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 300	3.7	83.7	91.0	95.9	97.3	97.7	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	3.7	83.7	91.0	95.9	97.3	97.7	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	3.7	83.7	91.0	95.9	97.3	97.7	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	3.7	83.7	91.0	95.9	97.3	97.7	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 931

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-70, 73-78
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS 1-24

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥0
NO CEILING	4.7	56.5	60.5	62.6	64.1	64.5	65.0	65.5	65.6	65.7	65.8	65.8	66.0	66.1	66.2	66.4
≥ 20000	4.9	59.5	63.7	65.9	67.5	67.9	68.5	69.1	69.2	69.4	69.5	69.5	69.7	69.8	69.9	70.1
IV 18000	4.9	59.7	64.0	66.2	67.8	68.2	68.8	69.4	69.5	69.7	69.8	69.8	70.0	70.0	70.2	70.4
IV 16000	4.9	59.8	64.0	66.3	67.9	68.3	68.9	69.5	69.6	69.8	69.9	69.9	70.1	70.1	71.3	73.5
IV 14000	4.9	60.4	64.7	66.9	68.5	69.1	69.6	70.2	70.3	70.5	70.7	70.7	70.8	70.9	71.1	71.3
IV 12000	4.9	61.4	65.8	68.1	69.8	70.2	70.9	71.5	71.7	71.8	72.0	72.0	72.2	72.2	72.4	72.6
IV 10000	5.0	64.4	69.1	71.5	73.3	73.9	74.6	75.2	75.4	75.6	75.8	75.8	76.0	76.0	76.2	76.4
IV 9000	5.1	65.0	69.7	72.2	74.0	74.5	75.2	75.9	76.1	76.3	76.4	76.5	76.6	76.7	76.9	77.1
IV 8000	5.1	67.0	72.0	74.5	76.4	77.0	77.7	78.3	78.5	78.7	78.9	78.9	79.1	79.2	79.4	79.5
IV 7000	5.1	68.0	73.1	75.7	77.6	78.1	78.8	79.5	79.7	79.9	80.0	80.1	80.2	80.3	80.5	80.7
IV 6000	5.1	69.0	74.2	76.8	78.7	79.3	80.0	80.7	80.8	81.0	81.2	81.2	81.4	81.5	81.7	81.9
IV 5000	5.1	70.3	75.7	78.5	80.5	81.1	81.8	82.5	82.7	82.9	83.1	83.1	83.3	83.3	83.5	83.7
IV 4500	5.1	71.7	76.4	79.2	81.2	81.8	82.6	83.3	83.5	83.7	83.8	83.8	84.0	84.1	84.3	84.5
IV 4000	5.1	72.3	77.8	80.7	82.8	83.5	84.2	85.0	85.3	85.5	85.6	85.6	85.8	85.9	86.1	86.3
IV 3500	5.1	72.8	78.4	81.4	83.5	84.2	85.0	85.8	86.0	86.2	86.4	86.4	86.6	86.7	86.9	87.1
IV 3000	5.1	73.8	79.5	82.6	84.8	85.5	86.3	87.1	87.4	87.6	87.8	87.8	88.0	88.1	88.3	88.4
IV 2500	5.1	74.4	80.3	83.5	85.8	86.5	87.3	88.2	88.5	88.7	88.9	88.9	89.0	89.1	89.3	89.5
IV 2000	5.1	75.5	81.6	84.9	87.3	88.0	89.0	89.9	90.1	90.4	90.6	90.6	90.7	90.8	91.0	91.2
IV 1800	5.1	75.9	82.0	85.4	87.7	88.5	89.5	90.4	90.7	90.9	91.1	91.1	91.3	91.4	91.6	91.8
IV 1500	5.1	76.8	83.0	86.5	88.8	89.6	90.7	91.6	91.9	92.1	92.3	92.3	92.5	92.6	92.8	92.9
IV 1200	5.2	77.6	83.8	87.4	89.8	90.6	91.7	92.7	93.0	93.2	93.4	93.4	93.6	93.7	93.9	94.1
IV 1000	5.2	77.9	84.5	88.1	90.6	91.5	92.8	93.8	94.1	94.3	94.5	94.6	94.7	94.8	95.0	95.2
IV 900	5.2	78.1	84.8	88.5	91.1	92.0	93.3	94.3	94.6	94.9	95.1	95.1	95.3	95.4	95.6	95.8
IV 800	5.2	78.3	85.1	89.0	91.7	92.7	94.0	95.1	95.4	95.7	95.9	95.9	96.1	96.2	96.4	96.6
IV 700	5.2	78.4	85.3	89.3	92.1	93.1	94.5	95.6	95.9	96.2	96.4	96.4	96.6	96.7	96.9	97.1
IV 600	5.2	78.4	85.4	89.5	92.4	93.4	94.8	96.0	96.3	96.6	96.8	96.8	97.0	97.1	97.3	97.5
IV 500	5.2	78.4	85.5	89.6	92.6	93.7	95.2	96.4	96.8	97.2	97.4	97.4	97.6	97.7	97.9	98.1
IV 400	5.2	78.5	85.6	89.7	92.7	93.8	95.4	96.8	97.2	97.7	97.9	97.9	98.1	98.2	98.5	98.7
IV 300	5.2	78.5	85.6	89.7	92.8	93.9	95.6	97.2	97.6	98.1	98.4	98.4	98.7	98.8	99.0	99.2
IV 200	5.2	78.5	85.6	89.8	92.8	93.9	95.6	97.3	97.7	98.2	98.6	98.6	98.9	99.0	99.3	99.6
IV 100	5.2	78.5	85.6	89.8	92.8	93.9	95.6	97.3	97.7	98.3	98.6	98.6	98.9	99.1	99.4	99.9
IV 0	5.2	78.5	85.6	89.8	92.8	93.9	95.6	97.3	97.7	98.3	98.5	98.5	98.9	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17713 SEYMOUR-JOHNSON AFB NC

67-70, 73-78

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3087-0200
HOURS: 31

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥	≥5/16	≥	≥0
NO CEILING	4.2	61.3	64.7	65.9	67.1	67.3	67.6	68.0	68.0	68.1	68.1	68.1	68.3	68.3	68.3	68.3	68.4
≥ 20000	4.2	63.4	67.0	68.2	69.6	69.8	70.0	70.4	70.4	70.4	70.6	70.6	70.6	70.8	70.8	70.8	70.9
≥ 18000	4.2	63.8	67.3	68.0	69.9	70.1	70.3	70.8	70.8	70.9	70.9	70.9	70.9	71.1	71.1	71.1	71.2
≥ 16000	4.2	63.9	67.4	68.7	70.0	70.2	70.4	70.9	70.9	71.0	71.0	71.0	71.0	71.2	71.2	71.2	71.3
≥ 14000	4.2	64.2	67.9	69.1	70.4	70.7	70.9	71.3	71.3	71.4	71.4	71.4	71.4	71.7	71.7	71.7	71.8
≥ 12000	4.2	65.3	69.2	70.4	71.8	72.0	72.2	72.7	72.7	72.8	72.8	72.8	72.8	73.0	73.0	73.0	73.1
≥ 10000	4.2	66.1	70.3	71.3	72.7	72.9	73.1	73.6	73.6	73.7	73.7	73.7	73.7	73.9	73.9	73.9	74.0
≥ 9000	4.2	66.3	70.4	71.9	73.2	73.4	73.7	74.1	74.1	74.2	74.2	74.2	74.2	74.4	74.4	74.4	74.6
≥ 8000	4.3	68.3	72.7	74.1	75.4	75.7	75.9	76.3	76.3	76.4	76.4	76.4	76.4	76.7	76.7	76.7	76.8
≥ 7000	4.3	70.3	74.8	76.2	77.6	77.8	78.0	78.4	78.4	78.6	78.6	78.6	78.6	78.8	78.8	78.8	78.9
≥ 6000	4.3	71.7	76.8	78.3	79.7	79.9	80.1	80.6	80.6	80.7	80.7	80.7	80.7	80.9	80.9	80.9	81.0
≥ 5000	4.4	72.6	77.8	79.4	81.1	81.3	81.6	82.0	82.1	82.2	82.2	82.2	82.2	82.4	82.4	82.4	82.6
≥ 4500	4.4	72.7	78.2	79.9	81.6	81.8	82.1	82.6	82.7	82.8	82.8	82.8	82.8	83.0	83.0	83.0	83.1
≥ 4000	4.4	74.2	79.8	81.0	82.7	83.9	84.3	84.8	85.0	85.1	85.1	85.1	85.1	85.3	85.3	85.3	85.4
≥ 3500	4.4	74.3	79.9	82.0	83.9	84.2	84.7	85.1	85.3	85.4	85.4	85.4	85.4	85.7	85.7	85.7	85.8
≥ 3000	4.4	74.8	80.3	82.9	84.8	85.1	85.7	86.1	86.3	86.4	86.4	86.4	86.4	86.7	86.7	86.7	86.8
≥ 2500	4.4	75.1	80.9	83.7	85.6	85.9	86.4	86.9	87.1	87.2	87.2	87.2	87.2	87.4	87.4	87.4	87.6
≥ 2000	4.4	75.7	82.2	85.2	87.1	87.4	88.0	88.4	88.7	88.8	88.8	88.8	88.8	89.0	89.0	89.0	89.1
≥ 1800	4.4	75.7	82.2	85.3	87.2	87.7	88.2	88.7	88.9	89.0	89.0	89.0	89.0	89.2	89.2	89.2	89.3
≥ 1500	4.4	76.0	82.7	85.9	87.8	88.2	88.8	89.2	89.4	89.6	89.6	89.6	89.6	89.8	89.8	89.8	89.9
≥ 1200	4.4	76.6	83.3	86.8	88.7	89.1	89.7	90.1	90.3	90.4	90.4	90.4	90.4	90.7	90.7	90.7	90.8
≥ 1000	4.4	76.7	83.4	87.1	89.1	89.5	90.1	90.6	90.8	91.0	91.0	91.0	91.0	91.2	91.2	91.2	91.3
≥ 900	4.4	77.0	83.8	87.6	89.6	90.0	90.6	91.0	91.2	91.4	91.4	91.4	91.4	91.7	91.7	91.7	91.8
≥ 800	4.4	77.4	84.4	88.2	90.2	90.8	91.7	92.1	92.3	92.6	92.6	92.6	92.6	92.8	92.8	92.8	92.9
≥ 700	4.4	77.4	84.4	88.4	90.4	91.0	92.0	92.4	92.7	92.9	92.9	92.9	92.9	93.1	93.1	93.1	93.2
≥ 600	4.4	77.6	84.8	88.8	90.8	91.3	92.4	92.9	93.1	93.3	93.3	93.3	93.3	93.6	93.6	93.6	93.7
≥ 500	4.4	77.7	84.9	89.1	91.4	92.0	93.4	93.9	94.1	94.4	94.4	94.4	94.4	94.7	94.7	94.7	94.8
≥ 400	4.4	77.7	84.9	89.8	92.3	92.9	94.6	95.4	95.7	96.0	96.0	96.0	96.0	96.3	96.3	96.3	96.4
≥ 300	4.4	77.7	84.9	89.9	92.4	93.2	95.0	96.8	97.1	97.4	97.6	97.6	97.6	98.0	98.0	98.0	98.2
≥ 200	4.4	77.7	84.9	89.9	92.4	93.2	95.3	97.1	97.6	97.9	98.6	98.6	98.6	99.1	99.1	99.1	99.6
≥ 100	4.4	77.7	84.9	89.9	92.4	93.2	95.3	97.1	97.6	97.9	98.6	98.6	98.6	99.3	99.3	99.3	100.0
≥ 0	4.4	77.7	84.9	89.9	92.4	93.2	95.3	97.1	97.6	97.9	98.6	98.6	98.6	99.3	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFS WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

10713
STATION

SELYMOUR-JOHNSON AFB NC
STATION NAME

67-70, 73-78
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

300-1500
HOURS (LT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.5	≥.5	≥.5	≥.5	≥.5	
NO CEILING	3.8	54.6	61.6	64.7	67.2	67.4	68.2	68.9	68.9	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2
≥ 20000	3.8	55.1	62.4	65.7	68.3	68.6	69.3	70.0	70.0	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3
IV 18000	3.8	55.4	62.8	66.1	68.8	69.1	69.8	70.4	70.4	70.7	70.7	70.7	70.8	70.8	70.8	70.8	71.3
IV 16000	3.8	55.4	62.8	66.1	68.8	69.1	69.8	70.4	70.4	70.7	70.7	70.7	70.8	70.8	70.8	70.8	71.3
IV 14000	3.8	55.9	63.2	66.6	69.2	69.4	70.2	70.9	70.9	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.8
IV 12000	3.8	57.2	64.7	68.0	70.7	71.0	71.8	72.4	72.4	72.7	72.7	72.7	72.8	72.8	72.8	72.8	73.3
IV 10000	3.8	58.7	66.1	69.4	72.1	72.4	73.2	73.9	73.9	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.4
IV 9000	3.8	59.0	66.9	70.2	72.9	73.2	74.0	74.7	74.7	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.6
IV 8000	3.8	61.3	68.6	72.0	74.8	75.1	75.9	76.6	76.6	76.8	76.8	76.8	76.9	76.9	76.9	76.9	77.4
IV 7000	3.8	61.2	69.4	72.9	75.7	76.3	76.8	77.4	77.4	77.7	77.7	77.7	77.8	77.8	77.8	77.8	78.3
IV 6000	3.8	62.0	70.6	74.1	76.8	77.1	77.9	78.6	78.6	78.8	78.8	78.8	78.9	78.9	78.9	78.9	79.4
IV 5000	3.8	62.4	71.1	74.6	77.6	77.9	78.8	79.6	79.6	79.8	79.8	79.8	79.9	79.9	79.9	79.9	80.4
IV 4500	3.8	63.0	71.7	75.2	78.4	78.8	79.7	80.4	80.4	80.7	80.7	80.7	80.8	80.8	80.8	80.8	81.3
IV 4000	3.8	64.1	73.1	76.7	80.0	80.3	81.2	82.1	82.1	82.3	82.3	82.3	82.4	82.4	82.4	82.4	83.0
IV 3500	3.8	64.3	73.4	77.0	80.3	80.7	81.6	82.4	82.4	82.7	82.7	82.7	82.8	82.8	82.8	82.8	83.3
IV 3000	3.8	64.8	74.0	77.6	80.9	81.2	82.1	83.0	83.0	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.9
IV 2500	3.8	65.2	74.4	78.2	81.7	82.0	83.0	83.9	83.9	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.8
IV 2000	3.8	65.6	75.7	79.2	83.0	83.3	84.3	85.2	85.2	85.4	85.4	85.4	85.6	85.6	85.6	85.6	86.1
IV 1800	3.8	65.9	75.9	79.6	83.3	83.7	84.7	85.7	85.7	86.7	86.7	86.9	86.9	86.9	87.0	87.0	87.6
IV 1500	3.8	66.4	76.1	80.3	84.2	84.7	85.7	86.7	86.7	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.6
IV 1200	3.8	67.0	76.7	81.1	85.3	85.8	86.8	87.8	87.8	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.7
IV 1000	3.8	67.0	76.9	81.4	85.7	86.1	87.1	88.2	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	89.1
IV 900	3.8	67.1	77.0	81.6	85.8	86.2	87.2	88.3	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	89.2
IV 800	3.8	67.7	77.7	82.6	86.9	87.4	88.8	89.9	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.9
IV 700	3.8	67.8	78.0	82.9	87.2	87.8	89.2	90.4	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	91.4
IV 600	3.8	68.0	78.2	83.3	87.8	88.3	89.8	91.1	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	92.1
IV 500	3.8	68.1	78.6	84.1	89.0	89.6	91.3	92.9	92.9	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.9
IV 400	3.8	68.1	78.7	84.2	89.6	90.1	92.0	93.6	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.6
IV 300	3.8	68.2	78.8	84.4	90.1	90.7	92.8	94.8	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.9
IV 200	3.8	68.2	78.8	84.4	90.1	90.7	92.8	95.0	95.0	95.6	95.6	95.6	95.6	95.6	95.6	95.6	97.3
IV 100	3.8	68.2	78.8	84.4	90.1	90.7	92.8	95.0	95.0	95.7	95.7	95.7	95.7	95.7	95.7	95.7	97.7
IV 0	3.8	68.2	78.8	84.4	90.1	90.7	92.8	95.0	95.0	95.7	95.7	95.7	95.7	95.7	95.7	95.7	98.3

TOTAL NUMBER OF OBSERVATIONS 903

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/44C

CEILING VERSUS VISIBILITY

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-70, 73-78
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2600-0874
HOURS (EST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.5	≥.5	≥.5	≥.5	≥.5
NO CEILING	3.4	46.2	51.8	55.0	58.4	59.7	61.2	62.6	62.6	63.1	63.6	63.6	63.8	63.9	64.0	64.1
≥2500	3.4	46.8	54.8	58.1	61.8	63.2	65.0	66.3	66.3	66.9	67.3	67.3	67.6	67.7	67.8	68.0
≥1800	3.4	49.2	55.2	58.6	62.2	63.7	65.4	66.8	66.8	67.3	67.8	67.8	68.0	68.1	68.2	68.4
≥1600	3.4	49.6	55.6	58.9	62.6	64.1	65.8	67.1	67.1	67.8	68.2	68.2	68.4	68.6	68.7	68.9
≥1400	3.4	49.7	56.1	59.4	63.2	64.7	66.4	67.8	67.8	68.4	68.9	68.9	69.1	69.2	69.3	69.6
≥1200	3.4	50.6	57.1	60.8	64.8	66.2	68.0	69.3	69.3	70.0	70.4	70.4	70.7	70.8	70.9	71.2
≥1000	3.4	52.8	59.4	63.1	67.2	68.7	70.4	71.8	71.8	72.4	72.9	72.9	73.1	73.2	73.3	73.7
≥900	3.4	53.1	59.8	63.4	67.7	69.1	70.9	72.2	72.2	72.9	73.3	73.3	73.6	73.7	73.8	74.1
≥800	3.4	56.2	63.1	66.8	71.2	72.8	74.6	76.0	76.0	76.7	77.1	77.1	77.3	77.4	77.6	77.9
≥700	3.4	57.6	64.6	68.3	72.9	74.4	76.2	77.7	77.7	78.3	78.8	78.8	79.2	79.1	79.2	79.6
≥600	3.4	58.0	65.2	69.1	73.9	75.4	77.2	78.7	78.7	79.3	79.9	79.9	80.1	80.2	80.3	80.7
≥500	3.4	58.4	65.9	69.8	74.6	76.1	77.9	79.4	79.4	80.1	80.7	80.7	80.9	81.0	81.1	81.4
≥450	3.4	58.8	66.2	70.1	74.9	76.4	78.2	79.8	79.8	80.6	81.1	81.1	81.3	81.4	81.6	81.9
≥400	3.4	59.6	67.2	71.1	75.9	77.4	79.2	80.8	80.8	81.6	82.1	82.1	82.3	82.4	82.6	82.9
≥350	3.4	59.8	67.2	71.1	76.0	77.6	79.3	80.9	80.9	81.7	82.2	82.2	82.4	82.5	82.7	83.0
≥3000	3.4	60.2	68.1	72.0	77.0	78.6	80.3	82.0	82.0	82.8	83.3	83.3	83.6	83.7	83.8	84.1
≥2500	3.4	60.6	68.4	72.6	77.8	79.4	81.2	83.0	83.0	83.8	84.3	84.3	84.6	84.7	84.8	85.1
≥2000	3.4	60.7	68.6	73.0	78.2	80.0	82.0	83.9	83.9	84.7	85.2	85.2	85.4	85.6	85.7	86.0
≥1800	3.4	60.7	68.7	73.1	78.3	80.1	82.1	84.1	84.1	84.9	85.4	85.4	85.7	85.8	85.9	86.2
≥1500	3.4	60.9	68.9	73.3	78.7	80.4	82.4	84.6	84.7	85.4	86.0	86.0	86.2	86.3	86.4	86.8
≥1200	3.6	61.6	69.6	74.0	79.3	81.1	83.2	85.3	85.4	86.2	86.8	86.8	87.0	87.1	87.2	87.6
≥1000	3.6	61.8	69.8	74.8	80.3	82.1	84.2	86.4	86.6	87.3	87.9	87.9	88.1	88.2	88.3	88.7
≥900	3.6	62.2	70.2	75.3	80.5	82.7	84.8	87.0	87.1	87.9	88.4	88.4	88.7	88.8	88.9	89.2
≥800	3.6	62.7	71.0	76.3	82.0	83.8	86.1	88.4	88.7	89.4	90.1	90.1	90.3	90.4	90.6	90.9
≥700	3.6	62.7	71.3	76.7	82.7	84.6	86.9	89.3	89.6	90.3	91.0	91.0	91.2	91.3	91.4	91.8
≥600	3.6	62.7	71.3	76.8	82.8	84.7	87.0	89.4	89.7	90.6	91.2	91.2	91.4	91.6	91.7	92.0
≥500	3.6	62.8	71.8	77.3	83.5	85.6	88.3	90.9	91.1	92.1	93.0	93.0	93.2	93.3	93.4	93.8
≥400	3.6	62.8	71.8	77.4	84.0	86.0	89.0	91.9	92.1	93.2	94.1	94.1	94.3	94.4	94.6	94.9
≥300	3.6	62.8	71.8	77.6	84.2	86.3	89.6	92.6	92.8	94.2	95.6	95.6	95.9	96.1	96.3	96.7
≥200	3.6	62.8	71.8	77.6	84.3	86.6	89.8	93.2	93.6	95.1	96.6	96.6	96.9	97.2	97.4	98.7
≥100	3.6	62.8	71.8	77.6	84.3	86.6	89.8	93.2	93.6	95.1	96.8	96.8	97.2	97.8	98.2	99.6
≥0	3.6	62.8	71.8	77.6	84.3	86.6	89.8	93.2	93.6	95.1	96.8	96.8	97.2	97.8	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17715
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-73, 73-78
YEARS

NCV
MO-TH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-1100
HOURS LT

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4	
NO CEILING	7.3	56.5	59.3	61.5	61.6	61.7	61.8	61.8	61.8	62.0	62.1	62.0	62.0	62.0	62.0	62.0	62.0
≥20000	7.7	59.1	62.6	64.3	65.1	65.2	65.3	65.3	65.3	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
IVM 18000	7.7	59.3	62.8	64.6	65.3	65.4	65.6	65.6	65.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
IVM 16000	7.7	59.9	63.4	65.2	66.1	66.3	66.4	66.4	66.4	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
IVM 14000	7.7	61.1	64.8	66.7	67.6	67.8	67.9	67.9	67.9	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
IVM 12000	7.7	63.4	67.2	69.7	70.1	70.4	70.6	70.6	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
IVM 10000	7.8	65.1	68.9	70.9	71.8	72.1	72.2	72.2	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IVM 9000	7.8	65.4	69.7	71.2	72.2	72.6	72.7	72.7	72.7	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
IVM 8000	7.8	69.8	74.1	76.2	77.3	77.7	77.8	77.8	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IVM 7000	7.8	71.3	75.8	77.9	79.0	79.3	79.4	79.4	79.4	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IVM 6000	7.8	72.6	77.7	79.1	80.4	80.8	80.9	80.9	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IVM 5000	7.8	73.7	77.7	80.7	81.4	81.9	82.0	82.0	82.0	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
IVM 4500	7.8	75.4	78.1	80.4	81.9	82.3	82.4	82.4	82.4	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
IVM 4000	7.8	74.5	79.2	81.6	83.0	83.4	83.6	83.6	83.6	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IVM 3500	7.8	74.7	79.4	81.9	83.4	83.9	84.0	84.1	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IVM 3000	7.8	75.2	80.0	82.6	84.2	84.7	84.8	84.9	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IVM 2500	7.8	75.6	80.3	83.0	84.8	85.2	85.3	85.4	85.4	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IVM 2000	7.8	76.0	81.0	83.7	85.7	86.1	86.3	86.6	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IVM 1800	7.8	75.1	81.1	83.8	85.8	86.2	86.4	86.9	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IVM 1500	7.8	77.2	82.5	85.4	87.6	88.0	88.2	88.9	88.9	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IVM 1200	7.8	77.8	83.1	86.1	88.2	88.7	88.9	89.6	89.6	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IVM 1000	7.8	78.6	84.0	87.0	89.2	89.7	89.9	90.6	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IVM 900	7.8	79.0	84.4	87.4	89.7	90.1	90.3	91.0	91.0	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IVM 800	7.8	80.0	85.6	88.6	90.8	91.6	91.8	92.4	92.4	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IVM 700	7.8	80.2	85.9	89.0	91.4	92.2	92.4	93.1	93.1	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IVM 600	7.8	80.5	86.2	89.4	92.2	93.1	93.6	94.3	94.3	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IVM 500	7.8	80.7	86.4	89.9	93.2	94.3	95.0	95.9	95.9	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IVM 400	7.8	80.8	86.6	90.2	93.9	95.4	96.1	97.1	97.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IVM 300	7.8	80.9	86.9	90.6	94.7	96.2	96.9	98.3	98.4	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
IVM 200	7.8	80.9	86.9	90.6	94.7	96.2	97.0	98.4	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IVM 100	7.8	80.9	86.9	90.6	94.7	96.2	97.0	98.4	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IVM 0	7.8	80.9	86.9	90.6	94.7	96.2	97.0	98.4	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 933

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/ IAC

CEILING VERSUS VISIBILITY

1973
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-70, 73-74
YEARS

NCV
LOGIC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
LOCAL TIME

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	9.4	62.3	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥2000	9.7	66.4	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
IVW 18000	9.7	66.7	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
IVW 16000	9.7	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
IVW 14000	9.7	68.8	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
IVW 12000	9.3	71.0	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
IVW 10000	10.0	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	73.3
IVW 9000	10.0	74.1	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
IVW 8000	10.0	77.6	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
IVW 7000	10.1	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
IVW 6000	10.2	79.9	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
IVW 5000	10.3	81.0	81.4	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
IVW 4500	10.2	81.3	81.8	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IVW 4000	10.4	83.7	84.2	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IVW 3500	10.4	84.1	84.8	85.1	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IVW 3000	10.4	85.3	86.4	86.7	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IVW 2500	10.4	86.2	87.4	87.8	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IVW 2000	10.4	87.6	88.8	89.3	89.8	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IVW 1800	10.4	88.1	89.3	89.9	90.3	90.4	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
IVW 1500	10.4	90.3	91.8	92.3	92.9	93.0	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
IVW 1200	10.4	91.2	92.9	93.7	94.3	94.4	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IVW 1000	10.4	91.8	93.2	94.1	94.8	95.0	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IVW 900	10.4	92.2	93.9	94.9	95.6	95.8	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IVW 800	10.4	92.7	94.4	95.6	96.2	96.4	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IVW 700	10.4	92.7	94.9	95.6	96.2	96.4	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IVW 600	10.4	92.8	94.7	95.8	96.4	96.7	97.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IVW 500	10.4	93.2	95.0	96.2	97.4	97.8	98.4	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IVW 400	10.4	93.2	95.0	96.2	97.4	97.8	98.4	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IVW 300	10.4	93.2	95.0	96.2	97.4	97.8	98.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IVW 200	10.4	93.2	95.0	96.2	97.4	97.8	98.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IVW 100	10.4	93.2	95.0	96.2	97.4	97.8	98.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IVW 0	10.4	93.2	95.0	96.2	97.4	97.8	98.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 980

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

61-70,73-78
YEAR

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15 10-17 00
PERIOD

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.01
NO CEILING	9.2	62.4	62.6	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
≥ 20000	9.2	68.1	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
≥ 18000	9.9	68.4	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 16000	9.9	68.8	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
≥ 14000	9.9	69.4	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
≥ 12000	9.9	70.9	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
≥ 10000	10.1	73.1	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
≥ 9000	10.3	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 8000	10.3	75.2	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	10.3	83.6	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
≥ 6000	10.3	81.6	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	82.7
≥ 5000	10.3	83.0	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 4500	10.3	83.6	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 4000	11.0	86.0	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 3500	11.1	87.4	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 3000	11.1	88.8	89.7	89.7	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	11.1	89.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 2000	11.1	89.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1800	11.1	89.4	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1500	11.1	91.7	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
≥ 1200	11.1	91.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1000	11.2	92.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 900	11.2	92.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 800	11.2	92.8	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
≥ 700	11.2	93.0	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
≥ 600	11.2	93.4	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
≥ 500	11.2	93.4	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 400	11.2	93.4	95.1	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
≥ 300	11.2	93.4	95.1	96.0	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 200	11.2	93.4	95.1	96.0	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 100	11.2	93.4	95.1	96.0	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 0	11.2	93.4	95.1	96.0	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7

TOTAL NUMBER OF OBSERVATIONS 960

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR SAFETY SERVICE/MAC

CEILING VERSUS VISIBILITY

1713
 STATION

SEYMOUR-JOHNSON AFB NC
 STATION NAME

67-70, 73-78
 YEARS

NOV
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1907-2007
 HOUR

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥1	≥.5	≥.25	≥.16	≥.1	≥.05	≥.0
NO CEILING	6.4	65.8	66.4	66.6	66.6	66.6	66.6	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8
≥ 20000	6.7	68.7	69.3	69.4	69.4	69.4	69.4	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7
IV 18000	6.3	69.1	69.8	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1
IV 16000	6.3	69.2	69.9	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2
IV 14000	6.9	69.8	70.7	70.8	70.8	70.8	70.8	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0
IV 12000	6.9	70.9	71.8	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1
IV 10000	7.1	73.8	74.7	74.8	74.8	74.8	74.8	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0
IV 9000	7.1	75.7	76.6	76.7	76.7	76.7	76.7	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9
IV 8000	7.3	79.0	79.9	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2
IV 7000	7.3	81.7	81.7	81.8	81.8	81.8	81.8	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0
IV 5000	7.3	81.7	82.7	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1
IV 5000	7.3	82.3	83.3	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9
IV 4500	7.4	82.8	83.8	84.1	84.1	84.1	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3
IV 4000	7.4	84.3	86.1	86.9	86.9	86.9	87.1	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3
IV 3500	7.4	85.3	86.8	87.7	87.7	87.7	88.0	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2
IV 3000	7.4	86.0	87.5	88.6	88.6	88.6	89.1	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4
IV 2500	7.4	86.6	88.7	89.2	89.2	89.3	90.0	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3
IV 2000	7.4	87.1	89.7	90.1	90.1	90.2	90.9	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2
IV 1800	7.4	87.2	89.3	90.4	90.4	90.6	91.2	91.4	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6
IV 1500	7.4	87.8	90.1	91.4	91.4	91.6	92.2	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6
IV 1200	7.4	88.3	90.9	92.3	92.6	92.7	93.3	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7
IV 1000	7.4	88.9	91.6	93.0	93.9	94.7	94.7	94.9	94.9	94.9	95.7	95.7	95.7	95.7	95.7	95.7
IV 900	7.4	89.9	91.7	94.0	94.7	94.8	95.4	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8
IV 800	7.4	89.3	92.4	94.8	95.6	95.9	96.7	96.9	96.9	96.9	97.7	97.0	97.0	97.0	97.0	97.0
IV 700	7.4	89.3	92.7	95.0	95.8	96.1	97.0	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3
IV 600	7.4	89.3	92.7	95.0	95.8	96.2	97.1	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
IV 500	7.4	89.3	92.7	95.1	95.9	96.3	97.2	97.7	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0
IV 400	7.4	89.3	92.7	95.1	95.9	96.3	97.4	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
IV 300	7.4	89.3	92.7	95.2	96.0	96.6	97.9	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3
IV 200	7.4	89.3	92.7	95.2	96.0	96.6	98.0	99.0	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	7.4	89.3	92.7	95.2	96.0	96.6	98.0	99.0	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	7.4	89.3	92.7	95.2	96.0	96.6	98.0	99.0	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-77, 73-76
YEARS

NGV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2103-2300
HOURS

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2.7	≥2	≥1	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥0	
NO CEILING	5.2	64.3	67.1	67.9	68.2	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.6	68.9	69.7
≥ 20000	5.2	67.2	70.2	71.1	71.6	71.6	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.9	72.2	72.3
IV 18000	5.2	67.7	70.7	71.6	72.0	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.3	72.7	72.8
IV 16000	5.2	67.8	70.8	71.7	72.1	72.1	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.8	72.9
IV 14000	5.2	68.2	71.2	72.1	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.9	73.2	73.3
IV 12000	5.2	68.9	71.9	72.8	73.2	73.2	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.6	73.9	74.0
IV 10000	5.4	71.0	74.2	75.1	75.6	75.6	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.9	76.2	76.3
IV 9000	5.4	71.8	75.7	75.9	76.3	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.7	77.0	77.1
IV 8000	5.8	74.7	78.7	78.9	79.3	79.3	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.9	80.2	80.3
IV 7000	5.8	76.4	79.8	80.7	81.1	81.1	81.1	81.3	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.8	82.2
IV 6000	5.8	77.9	81.4	82.4	82.9	82.9	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.6	83.9	84.0
IV 5000	5.8	78.9	82.7	83.7	84.1	84.1	84.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	85.1	85.2
IV 4500	5.8	79.1	82.9	83.9	84.3	84.3	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.0	85.3	85.4
IV 4000	5.8	80.8	84.9	85.2	85.7	85.7	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.7	86.7	86.8
IV 3500	5.8	81.2	85.0	86.3	87.1	87.1	87.3	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.8	88.2
IV 3000	5.8	81.2	85.4	86.9	87.7	87.7	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.7	88.8
IV 2500	5.8	81.3	85.7	87.2	88.0	88.0	88.2	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.9	89.2	89.3
IV 2000	5.8	81.8	86.6	88.2	89.0	89.1	89.3	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.0	90.3	90.4
IV 1800	5.8	81.9	86.9	88.7	89.4	89.6	89.8	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.8	90.9
IV 1500	5.8	82.4	87.4	89.2	90.2	90.3	90.6	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.3	91.7	91.8
IV 1200	5.8	83.0	88.4	90.4	91.4	91.6	91.9	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.7	93.0	93.1
IV 1000	5.8	83.0	88.6	90.8	92.1	92.2	92.6	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.3	93.7	93.8
IV 900	5.8	83.1	88.9	91.1	92.6	92.7	93.0	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.8	94.1	94.2
IV 800	5.8	83.7	89.9	92.4	94.1	94.2	94.7	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.7	96.0	96.1
IV 700	5.8	83.9	90.2	92.9	94.6	94.7	95.1	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.4	96.6
IV 600	5.8	84.0	90.3	93.1	95.1	95.3	95.9	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9	97.2	97.3
IV 500	5.8	84.0	90.3	93.2	95.6	95.8	96.6	97.9	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.4	98.6
IV 400	5.8	84.0	90.3	93.3	95.7	96.0	96.9	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.6	98.9	99.0
IV 300	5.8	84.0	90.3	93.4	95.8	96.1	97.1	98.8	98.8	98.8	98.8	98.8	98.8	98.9	99.0	99.4	99.6
IV 200	5.8	84.0	90.3	93.4	95.8	96.1	97.2	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.1	99.6	99.7
IV 100	5.8	84.0	90.3	93.4	95.8	96.1	97.2	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.1	99.7	100.0
IV 0	5.8	84.0	90.3	93.4	95.8	96.1	97.2	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.1	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-70, 73-78
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL
HOURS EST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4
NO CEILING	6.1	59.1	62.0	63.3	64.3	64.5	64.9	65.2	65.2	65.4	65.4	65.4	65.5	65.5	65.6	65.7
≥ 20000	6.3	62.1	65.2	66.5	67.6	67.9	68.2	68.6	68.6	68.7	68.8	68.8	68.9	68.9	69.0	69.1
≥ 18000	6.3	62.5	65.6	66.9	68.0	68.3	68.6	69.0	69.0	69.1	69.2	69.2	69.3	69.3	69.3	69.5
≥ 16000	6.3	62.7	65.8	67.1	68.3	68.5	68.9	69.2	69.2	69.4	69.5	69.5	69.5	69.6	69.6	69.7
≥ 14000	6.3	63.4	66.6	67.9	69.1	69.3	69.7	70.1	70.1	70.2	70.3	70.3	70.4	70.4	70.4	70.6
≥ 12000	6.4	64.8	68.1	69.5	70.6	70.9	71.3	71.6	71.6	71.8	71.9	71.9	71.9	72.0	72.0	72.2
≥ 10000	6.5	66.8	70.1	71.5	72.7	73.0	73.3	73.7	73.7	73.8	73.9	73.9	74.0	74.0	74.1	74.2
≥ 9000	6.5	67.5	70.9	72.4	73.6	73.9	74.2	74.6	74.6	74.8	74.8	74.8	74.9	74.9	75.0	75.1
≥ 8000	6.6	70.5	74.1	75.6	76.9	77.2	77.6	77.9	77.9	78.1	78.2	78.2	78.3	78.3	78.3	78.5
≥ 7000	6.6	72.2	75.8	77.3	78.6	78.9	79.3	79.7	79.7	79.8	79.9	79.9	80.0	80.0	80.1	80.2
≥ 6000	6.6	73.2	77.0	78.5	79.9	80.2	80.6	81.0	81.0	81.1	81.2	81.2	81.3	81.3	81.4	81.5
≥ 5000	6.6	74.1	77.9	79.5	80.9	81.3	81.7	82.1	82.1	82.3	82.3	82.3	82.4	82.4	82.5	82.6
≥ 4500	6.7	74.3	78.3	79.9	81.4	81.7	82.2	82.6	82.6	82.8	82.9	82.9	82.9	83.0	83.0	83.2
≥ 4000	6.8	76.1	80.1	81.9	83.4	83.7	84.2	84.7	84.7	84.9	84.9	84.9	85.0	85.0	85.1	85.2
≥ 3500	6.8	76.3	80.6	82.4	84.0	84.3	84.8	85.3	85.3	85.5	85.6	85.6	85.6	85.7	85.7	85.9
≥ 3000	6.8	77.0	81.4	83.4	85.0	85.4	85.9	86.4	86.4	86.6	86.7	86.7	86.7	86.8	86.8	87.0
≥ 2500	6.8	77.5	81.9	84.0	85.7	86.1	86.7	87.2	87.2	87.4	87.5	87.5	87.6	87.6	87.6	87.8
≥ 2000	6.8	78.0	82.7	85.0	86.8	87.2	87.8	88.4	88.4	88.6	88.7	88.7	88.7	88.8	88.8	88.9
≥ 1800	6.8	78.2	83.3	85.2	87.0	87.5	88.1	88.7	88.7	88.9	89.0	89.0	89.0	89.1	89.1	89.3
≥ 1500	6.8	79.0	84.0	86.3	88.3	88.7	89.3	90.0	90.1	90.3	90.3	90.3	90.4	90.4	90.5	90.6
≥ 1200	6.8	79.7	84.7	87.2	89.3	89.7	90.4	91.1	91.1	91.3	91.4	91.4	91.5	91.5	91.5	91.7
≥ 1000	6.8	80.0	85.1	87.6	90.0	90.5	91.2	91.9	91.9	92.1	92.2	92.2	92.3	92.3	92.4	92.5
≥ 900	6.8	80.3	85.4	88.3	91.5	91.9	91.7	92.4	92.4	92.6	92.7	92.7	92.8	92.8	92.9	93.0
≥ 800	6.8	80.8	86.2	89.0	91.4	92.0	92.9	93.7	93.7	93.9	94.0	94.0	94.1	94.1	94.2	94.3
≥ 700	6.8	80.9	86.4	89.4	91.8	92.4	93.3	94.1	94.2	94.4	94.5	94.5	94.6	94.6	94.7	94.8
≥ 600	6.8	81.1	86.6	89.7	92.2	92.8	93.8	94.7	94.7	95.0	95.1	95.1	95.2	95.2	95.3	95.4
≥ 500	6.8	81.2	86.8	90.1	93.0	93.6	94.8	95.9	96.0	96.3	96.4	96.4	96.5	96.6	96.6	96.8
≥ 400	6.8	81.2	86.9	90.3	93.3	94.0	95.3	96.5	96.7	97.0	97.2	97.2	97.3	97.3	97.4	97.5
≥ 300	6.8	81.2	86.9	90.4	93.5	94.3	95.8	97.3	97.5	97.9	98.1	98.2	98.3	98.3	98.4	98.6
≥ 200	6.8	81.2	86.9	90.4	93.4	94.4	95.9	97.5	97.7	98.2	98.6	98.6	98.8	98.9	99.1	99.4
≥ 100	6.8	81.2	86.9	90.4	93.6	94.4	95.9	97.5	97.7	98.3	98.6	98.7	99.0	99.1	99.5	99.9
≥ 0	6.8	81.2	86.9	90.4	93.6	94.4	95.9	97.5	97.7	98.3	98.6	98.7	99.0	99.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

LOCAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

17713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-73, 73-78
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-2400
HOURS

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4	
NO CEILING	5.7	59.4	61.6	62.7	62.8	62.9	63.0	63.1	63.2	63.4	63.7	63.7	63.8	63.9	63.9	64.0	64.0
≥ 20000	5.9	61.4	63.7	64.7	64.8	64.9	65.1	65.2	65.3	65.5	65.7	65.9	66.0	66.0	66.1	66.1	66.1
IV 18000	5.9	61.3	64.1	65.2	65.3	65.4	65.5	65.6	65.7	65.9	66.1	66.1	66.3	66.5	66.5	66.5	66.6
IV 16000	5.7	61.9	64.2	65.3	65.4	65.5	65.6	65.7	65.8	66.0	66.2	66.2	66.5	66.6	66.6	66.6	66.7
IV 14000	5.9	63.0	65.3	66.3	66.5	66.6	66.7	66.8	66.9	67.1	67.3	67.3	67.5	67.6	67.6	67.6	67.7
IV 12000	6.0	64.3	66.6	67.6	67.8	68.0	68.1	68.2	68.3	68.5	68.7	68.7	68.9	69.0	69.0	69.0	69.1
IV 10000	6.1	67.1	69.4	70.5	70.9	71.0	71.1	71.2	71.3	71.5	71.7	71.7	71.9	72.0	72.0	72.0	72.2
IV 9000	6.1	68.3	70.5	71.7	72.0	72.2	72.3	72.4	72.5	72.7	72.9	72.9	73.1	73.2	73.2	73.2	73.3
IV 8000	6.2	71.1	72.4	73.5	74.1	74.2	74.3	74.4	74.5	74.7	74.9	74.9	75.2	75.3	75.3	75.4	75.4
IV 7000	6.3	72.9	73.2	74.4	74.9	75.1	75.2	75.3	75.4	75.6	75.8	75.8	76.0	76.1	76.1	76.2	76.2
IV 6000	6.3	72.6	74.9	76.3	77.2	77.3	77.4	77.5	77.6	77.8	78.1	78.1	78.3	78.4	78.4	78.5	78.5
IV 5000	6.3	73.7	76.1	77.5	78.4	78.5	78.6	78.7	78.8	79.0	79.5	79.5	79.7	79.8	79.8	79.8	79.9
IV 4500	6.3	73.8	76.2	77.6	78.5	78.6	78.7	78.8	78.9	79.1	79.6	79.6	79.8	79.9	79.9	79.9	80.0
IV 4000	6.3	75.4	78.0	79.5	80.5	80.6	80.8	80.9	81.0	81.2	81.6	81.6	81.8	81.9	81.9	82.0	82.0
IV 3500	6.5	76.1	78.9	80.4	81.5	81.6	81.7	81.8	81.9	82.2	82.6	82.6	82.8	82.9	82.9	83.0	83.0
IV 3000	6.6	77.1	80.0	81.6	82.7	82.9	83.0	83.1	83.2	83.4	83.9	83.9	84.1	84.2	84.2	84.3	84.3
IV 2500	6.6	78.1	81.0	83.0	84.5	84.8	84.9	85.1	85.2	85.4	85.8	85.8	86.0	86.1	86.1	86.2	86.2
IV 2000	6.6	78.2	81.3	83.4	85.1	85.5	85.8	85.9	86.0	86.2	86.7	86.7	86.9	87.0	87.0	87.1	87.1
IV 1800	6.6	78.5	81.6	83.8	85.4	85.8	86.1	86.2	86.3	86.6	87.0	87.0	87.2	87.3	87.3	87.4	87.4
IV 1500	6.6	79.0	82.4	84.5	86.2	86.7	87.1	87.2	87.3	87.5	88.0	88.0	88.2	88.3	88.3	88.4	88.4
IV 1200	6.6	79.8	83.1	85.3	87.2	87.6	88.1	88.2	88.3	88.5	88.9	88.9	89.1	89.2	89.2	89.2	89.4
IV 1000	6.6	80.1	83.4	85.7	87.8	88.3	88.7	88.9	89.0	89.2	89.7	89.7	89.9	90.0	90.0	90.1	90.1
IV 900	6.6	80.2	83.5	85.8	88.1	88.7	89.1	89.5	89.6	89.8	90.2	90.2	90.4	90.5	90.5	90.6	90.6
IV 800	6.7	80.9	84.2	86.5	88.8	89.0	90.1	90.4	90.5	90.8	91.2	91.2	91.4	91.5	91.5	91.6	91.6
IV 700	6.8	81.2	84.5	87.1	89.7	90.4	91.1	91.4	91.5	91.7	92.2	92.2	92.4	92.5	92.5	92.5	92.6
IV 600	6.8	81.3	85.1	88.3	90.8	91.5	92.2	92.5	92.6	92.8	93.2	93.2	93.4	93.5	93.5	93.7	93.7
IV 500	6.8	81.3	85.1	88.1	90.9	91.8	92.6	93.0	93.1	93.3	93.8	93.8	94.0	94.1	94.1	94.2	94.2
IV 400	6.8	81.3	85.1	88.1	91.2	92.4	93.5	94.3	94.4	94.8	95.3	95.3	95.5	95.6	95.6	95.7	95.7
IV 300	6.8	81.3	85.1	88.1	91.3	92.6	94.1	95.2	95.4	96.0	96.9	96.9	97.1	97.2	97.3	97.4	97.4
IV 200	6.8	81.3	85.1	88.1	91.3	92.6	94.1	95.3	95.6	96.3	97.4	97.5	97.7	98.3	98.6	98.8	98.8
IV 100	6.8	81.3	85.1	88.1	91.3	92.6	94.1	95.4	95.7	96.5	97.5	97.6	97.8	98.5	99.1	99.6	99.6
IV 0	6.8	81.3	85.1	88.1	91.3	92.6	94.1	95.4	95.7	96.5	97.5	97.6	98.3	98.6	99.2	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1973
STATION

SEYMOUR-JOHNSON AFB MC
STATION NAME

67-70, 73-78
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1370-0500
HOURS (EST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	3.4	55.1	57.1	58.6	59.7	59.5	59.7	60.3	60.5	60.5	60.8	60.8	60.9	61.1	61.1	61.4
≥ 20000	3.7	56.7	58.7	60.3	61.0	61.2	61.4	62.0	62.3	62.3	62.5	62.5	62.6	62.7	63.1	63.2
IVW 18000	3.7	56.7	58.7	60.3	61.0	61.2	61.4	62.0	62.3	62.3	62.5	62.5	62.6	62.7	63.1	63.2
IVW 16000	3.7	57.1	59.1	60.8	61.4	61.6	61.8	62.5	62.7	62.7	62.9	62.9	63.0	63.1	63.5	63.7
IVW 14000	3.7	58.7	60.8	62.4	63.7	63.2	63.4	64.1	64.3	64.3	64.5	64.5	64.6	64.7	65.2	65.3
IVW 12000	3.7	59.8	61.8	63.4	64.2	64.4	64.6	65.3	65.4	65.5	65.7	65.7	65.8	65.9	66.3	66.6
IVW 10000	3.9	62.7	64.7	66.3	67.1	67.3	67.5	68.2	68.4	68.4	68.7	68.7	68.8	68.9	69.4	69.6
IVW 9000	4.0	64.1	66.1	67.7	69.5	69.7	69.9	69.6	69.8	69.8	70.1	70.1	70.2	70.3	70.8	71.0
IVW 8000	4.1	66.6	68.8	70.6	71.4	71.6	71.8	72.5	72.8	72.8	73.2	73.2	73.3	73.4	73.9	74.1
IVW 7000	4.3	67.4	69.6	71.6	72.5	72.7	72.9	73.5	73.9	73.9	74.3	74.3	74.4	74.5	74.9	75.2
IVW 6000	4.3	68.2	70.8	72.6	73.7	73.9	74.1	74.7	75.1	75.1	75.5	75.5	75.6	75.7	76.1	76.3
IVW 5000	4.3	69.4	72.3	74.2	75.3	75.6	75.9	76.4	76.9	76.9	77.3	77.3	77.4	77.5	78.1	78.3
IVW 4500	4.3	69.8	72.5	74.5	75.6	75.9	76.2	76.9	77.2	77.2	77.6	77.6	77.7	77.8	78.4	78.6
IVW 4000	4.4	70.9	74.1	76.2	77.3	77.6	78.0	78.6	78.9	78.9	79.4	79.4	79.5	79.6	80.1	80.3
IVW 3500	4.5	71.3	74.5	76.7	77.8	78.2	78.5	79.1	79.5	79.5	79.9	79.9	80.0	80.1	80.6	80.9
IVW 3000	4.5	72.0	75.4	77.6	78.8	79.2	79.6	80.2	80.5	80.5	81.0	81.0	81.1	81.2	81.7	81.9
IVW 2500	4.6	73.3	76.6	79.1	80.6	81.1	81.4	82.0	82.4	82.4	82.8	82.8	82.9	83.0	83.5	83.8
IVW 2000	4.6	73.9	77.5	80.1	81.8	82.3	82.8	83.4	83.8	83.8	84.2	84.2	84.3	84.5	85.1	85.4
IVW 1800	4.6	74.6	77.6	80.2	81.9	82.4	82.9	83.5	83.9	83.9	84.3	84.3	84.4	84.6	85.2	85.5
IVW 1500	4.6	75.2	78.8	81.4	83.2	83.7	84.2	84.8	85.2	85.2	85.6	85.6	85.7	85.9	86.5	86.8
IVW 1200	4.7	76.6	80.2	83.0	84.9	85.4	86.0	86.7	87.0	87.0	87.4	87.4	87.5	87.7	88.3	88.6
IVW 1000	4.8	77.1	80.9	84.1	86.0	86.5	87.1	87.7	88.1	88.1	88.5	88.5	88.6	88.8	89.4	89.7
IVW 900	4.8	77.3	81.2	84.6	86.9	87.5	88.2	88.8	89.1	89.1	89.6	89.6	89.7	89.9	90.4	90.8
IVW 800	4.8	77.3	81.2	84.6	86.9	87.5	88.2	88.8	89.1	89.1	89.6	89.6	89.7	89.9	90.4	90.8
IVW 700	4.8	77.6	81.5	84.9	87.5	88.2	88.9	89.6	89.9	89.9	90.3	90.3	90.4	90.6	91.2	91.5
IVW 600	4.8	78.2	82.3	85.9	88.6	89.4	90.2	90.9	91.2	91.2	91.6	91.6	91.7	91.9	92.5	92.8
IVW 500	4.8	78.4	82.5	86.1	88.8	89.7	90.6	91.8	92.0	92.2	92.6	92.6	92.7	92.9	93.4	93.8
IVW 400	4.8	78.5	82.6	86.5	89.7	90.6	91.9	93.1	93.4	93.5	94.0	94.0	94.1	94.3	94.8	95.2
IVW 300	4.8	78.5	82.6	86.7	90.0	91.3	93.0	94.4	94.7	94.9	95.4	95.4	95.5	95.7	96.2	96.6
IVW 200	4.8	78.5	82.6	86.7	90.0	91.3	93.0	94.5	95.2	95.7	96.1	96.2	96.5	96.9	97.5	98.0
IVW 100	4.8	78.5	82.6	86.7	90.0	91.3	93.1	94.8	95.5	96.2	96.8	96.9	97.3	98.1	99.2	99.8
IVW 0	4.8	78.5	82.6	86.7	90.0	91.3	93.1	94.8	95.5	96.2	96.8	96.9	97.3	98.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17/13
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-70, 73-76
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1600-2600
HOURS LST

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING ≥ 20000	3.9	47.4	57.4	52.0	53.4	54.1	55.1	55.6	55.8	55.9	55.9	53.0	55.0	56.1	56.2	56.5
IV 18000	3.9	49.2	52.6	54.4	55.9	56.6	57.5	58.2	58.4	58.5	58.5	58.6	58.6	58.7	58.8	58.9
IV 16000	3.9	49.6	52.9	54.7	56.2	56.9	57.8	58.5	58.7	58.8	58.8	58.9	59.0	59.1	59.2	59.5
IV 14000	4.0	50.3	53.7	55.6	57.1	57.8	58.8	59.5	59.7	59.3	59.8	59.9	60.0	60.1	60.2	60.4
IV 12000	4.0	51.8	55.2	57.2	58.7	59.5	60.4	61.1	61.3	61.4	61.4	61.5	61.6	61.7	61.8	62.0
IV 10000	4.0	54.3	57.6	59.8	61.3	62.0	63.0	63.7	63.9	64.2	64.2	64.3	64.5	64.6	64.7	64.9
IV 9000	4.0	55.2	58.5	60.5	62.2	62.9	63.9	64.5	64.7	65.1	65.1	65.2	65.4	65.5	65.6	65.8
IV 8000	4.1	57.1	60.6	62.9	64.4	65.2	66.1	66.8	67.0	67.3	67.3	67.4	67.7	67.8	68.0	68.2
IV 7000	4.2	58.4	62.2	64.5	66.2	67.1	68.1	68.7	68.9	69.2	69.2	69.4	69.7	69.8	69.9	70.1
IV 6000	4.2	60.5	63.8	66.2	68.0	68.8	69.8	70.4	70.6	71.0	71.0	71.1	71.4	71.5	71.6	71.8
IV 5000	4.2	62.3	65.1	68.6	70.5	71.6	72.6	73.4	73.7	74.0	74.0	74.1	74.4	74.5	74.6	74.8
IV 4500	4.3	63.0	67.2	70.0	71.9	73.0	74.0	74.8	75.1	75.4	75.4	75.5	75.8	75.9	76.0	76.2
IV 4000	4.3	63.8	68.3	71.8	73.9	74.9	75.9	76.8	77.0	77.4	77.4	77.5	77.8	78.0	78.1	78.3
IV 3500	4.3	64.7	69.8	73.0	75.2	76.2	77.2	78.1	78.3	78.7	78.7	78.8	79.1	79.2	79.4	79.6
IV 3000	4.3	65.1	70.1	73.3	75.5	76.7	77.7	78.6	78.8	79.2	79.2	79.4	79.7	79.8	79.9	80.1
IV 2500	4.3	66.5	71.7	74.9	77.3	78.5	79.6	80.4	80.6	81.1	81.1	81.2	81.5	81.6	81.7	81.9
IV 2000	4.3	67.8	73.3	76.6	79.0	80.3	81.4	82.4	82.6	83.0	83.0	83.1	83.4	83.5	83.8	84.0
IV 1800	4.3	68.4	73.9	77.2	79.7	81.0	82.0	83.0	83.2	83.7	83.7	83.8	84.1	84.2	84.4	84.6
IV 1500	4.3	69.7	75.3	78.7	81.2	82.6	83.8	84.8	85.1	85.5	85.5	85.6	85.9	86.0	86.2	86.5
IV 1200	4.3	70.4	76.1	79.6	82.2	83.7	84.8	85.9	86.1	86.7	86.7	86.8	87.1	87.3	87.5	87.7
IV 1000	4.3	71.3	77.2	80.6	83.3	84.8	86.0	87.1	87.3	87.8	87.8	88.0	88.3	88.5	88.7	88.9
IV 900	4.3	71.7	78.0	81.4	84.2	85.7	86.9	88.0	88.2	88.7	88.7	88.8	89.1	89.4	89.6	89.8
IV 800	4.3	71.8	78.4	81.8	84.6	86.1	87.3	88.4	88.6	89.1	89.1	89.2	89.6	89.8	90.0	90.2
IV 700	4.3	72.3	78.8	82.3	85.2	86.7	88.0	89.0	89.2	89.8	89.8	89.9	90.2	90.4	90.6	90.9
IV 600	4.3	72.6	79.4	82.8	85.9	87.5	89.1	90.2	90.4	91.0	91.0	91.1	91.4	91.6	91.8	92.0
IV 500	4.3	72.8	79.8	83.2	86.5	88.3	90.1	91.4	91.6	92.2	92.2	92.3	92.7	92.9	93.1	93.3
IV 400	4.3	72.8	79.6	83.4	86.7	88.6	90.6	92.5	92.7	93.4	93.7	93.8	94.2	94.4	94.6	94.8
IV 300	4.3	72.8	79.8	83.5	87.0	89.0	91.6	93.5	93.8	94.7	95.1	95.2	95.6	96.0	96.2	96.5
IV 200	4.3	72.8	79.6	83.5	87.0	89.1	91.8	93.8	94.2	95.6	96.0	96.1	96.6	97.1	97.4	97.8
IV 100	4.3	72.8	79.6	83.5	87.0	89.1	92.2	94.1	94.6	96.1	96.6	96.8	97.4	98.0	98.9	99.6
IV 0	4.3	72.8	79.6	83.5	87.0	89.1	92.2	94.1	94.6	96.1	96.6	96.8	97.4	98.0	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17713 SEYMOUR-JOHNSON AFB NC

67-70, 73-78

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-1100
HOURS CST

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	4.9	52.8	54.7	55.4	55.6	55.7	55.7	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 20000	5.3	56.1	58.2	58.8	59.1	59.2	59.5	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.8
≥ 18000	5.3	56.3	58.4	59.3	59.4	59.5	59.7	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	60.0
≥ 16000	5.3	56.7	58.7	59.4	59.7	59.8	60.0	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.3
≥ 14000	5.3	58.0	60.0	60.6	61.3	61.3	61.3	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 12000	5.3	59.8	61.8	62.5	62.8	62.9	63.1	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.4
≥ 10000	5.8	63.0	65.2	66.0	66.3	66.5	66.7	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.1
≥ 9000	5.8	63.7	65.8	66.7	67.0	67.1	67.3	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.7
≥ 8000	5.9	66.6	69.1	69.9	70.2	70.4	70.6	70.9	70.9	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 7000	5.9	67.0	71.4	71.3	71.6	71.8	72.0	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.5
≥ 6000	5.9	69.1	71.8	72.7	73.0	73.2	73.4	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	74.0
≥ 5000	5.9	71.2	74.1	74.8	75.3	75.5	75.7	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.6
≥ 4500	6.0	73.0	76.0	77.0	77.4	77.6	78.0	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.8
≥ 4000	6.0	74.5	77.7	78.7	79.1	79.4	79.7	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.5
≥ 3500	6.0	74.7	78.2	79.2	79.8	80.1	80.4	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.3
≥ 3000	6.0	74.9	78.4	79.7	80.3	80.6	81.0	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.8
≥ 2500	6.1	75.4	79.0	80.8	81.6	81.9	82.3	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.1
≥ 2000	6.1	76.6	80.5	82.3	83.3	83.7	84.0	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.8
≥ 1800	6.2	77.7	81.7	82.7	84.0	84.3	84.6	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.5
≥ 1500	6.2	77.8	81.6	83.4	84.8	85.2	85.5	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.3
≥ 1200	6.2	78.8	82.8	84.6	86.0	86.3	86.8	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.6
≥ 1000	6.2	79.8	83.8	85.7	87.3	87.7	88.2	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	89.0
≥ 900	6.2	80.4	84.4	86.3	88.0	88.4	88.8	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.7
≥ 800	6.2	80.8	84.7	86.9	88.5	89.2	89.8	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.6
≥ 700	6.2	81.0	85.1	87.2	88.9	89.7	90.3	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.2
≥ 600	6.2	81.3	85.7	88.2	90.0	90.9	91.6	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.7
≥ 500	6.2	81.6	86.2	88.9	91.4	92.3	93.2	94.3	94.1	94.6	94.7	94.7	94.7	94.7	94.7	94.8
≥ 400	6.2	81.6	86.5	89.6	92.2	93.2	94.5	95.9	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.5
≥ 300	6.2	81.6	86.5	89.7	92.5	93.7	95.3	97.0	97.2	97.5	97.7	97.8	98.1	98.1	98.2	98.2
≥ 200	6.2	81.6	86.5	89.7	92.6	94.0	95.9	97.7	98.1	98.4	98.6	98.7	98.9	99.0	99.1	99.2
≥ 100	6.2	81.6	86.5	89.7	92.6	94.0	95.9	97.7	98.1	98.4	98.6	98.8	99.0	99.1	99.4	99.9
≥ 0	6.2	81.6	86.5	89.7	92.6	94.0	95.9	97.7	98.1	98.4	98.6	98.8	99.0	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-70, 73-78
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LT)

CEILING FEET	VISIBILITY - STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.5	≥.5	≥.5	≥.5	≥.5
NO CEILING	6.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 20000	6.2	61.1	61.3	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
IV 18000	6.3	51.4	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
IV 16000	6.3	51.5	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
IV 14000	6.3	62.8	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
IV 12000	6.5	64.4	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
IV 10000	7.0	66.9	67.1	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
IV 9000	7.3	67.4	67.6	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
IV 8000	7.1	71.2	71.9	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
IV 7000	7.1	71.7	72.3	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 6000	7.2	72.9	73.4	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
IV 5000	7.2	74.6	75.3	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
IV 4500	7.2	75.8	76.6	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 4000	7.5	77.6	78.5	78.9	79.0	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 3500	7.5	78.2	79.0	79.5	79.6	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV 3000	7.5	78.9	79.9	80.4	80.5	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IV 2500	7.7	80.8	82.0	82.8	82.9	83.1	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV 2000	8.2	83.0	84.3	85.2	85.3	85.5	85.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV 1800	8.5	84.0	85.5	86.3	86.5	86.8	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 1500	8.5	84.7	86.3	87.2	87.3	87.6	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 1200	8.5	86.1	88.0	88.9	89.2	89.6	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 1000	8.5	87.0	89.0	90.0	90.5	90.9	91.0	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 900	8.5	87.2	89.2	90.3	90.9	91.2	91.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 800	8.5	87.4	89.7	90.8	91.4	92.0	92.2	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7
IV 700	8.5	87.6	90.1	91.4	92.3	92.9	93.0	93.4	93.4	93.7	93.7	93.7	93.7	93.7	93.7
IV 600	8.5	88.1	91.7	92.6	93.7	94.3	94.4	94.9	94.9	95.4	95.5	95.5	95.5	95.5	95.5
IV 500	8.5	88.4	91.3	92.9	94.3	94.9	95.1	95.6	95.7	96.2	96.6	96.6	96.6	96.6	96.6
IV 400	8.5	88.5	91.5	93.2	94.6	95.4	95.8	96.6	96.8	97.3	97.6	97.6	97.6	97.6	97.6
IV 300	8.5	88.5	91.5	93.3	95.1	95.9	96.7	97.7	98.1	98.8	99.5	99.5	99.6	99.6	99.6
IV 200	8.5	88.5	91.5	93.3	95.1	95.9	96.9	98.0	98.3	99.0	99.7	99.8	99.9	100.0	100.0
IV 100	8.5	88.5	91.5	93.3	95.1	95.9	96.9	98.0	98.3	99.0	99.7	99.8	99.9	100.0	100.0
IV 0	8.5	88.5	91.5	93.3	95.1	95.9	96.9	98.0	98.3	99.0	99.7	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1973 SEYMOUR-JOHNSON AFB NC
STATION YEAR STATION NAME

67-72, 73-75
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.3	≥0.2	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	7.7	56.7	58.7	58.7	59.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
IV 20000	7.8	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
IV 18000	7.8	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
IV 16000	7.8	63.4	63.4	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
IV 14000	8.1	64.1	64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
IV 12000	8.1	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
IV 10000	8.2	68.3	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
IV 9000	8.3	68.9	68.9	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
IV 8000	8.3	71.6	71.6	71.6	71.6	71.6	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
IV 7000	8.6	73.1	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IV 6000	8.6	74.3	74.7	74.7	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 5000	9.1	77.2	77.7	77.7	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IV 4500	9.4	77.6	78.2	78.2	78.3	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
IV 4000	9.5	79.9	80.4	80.5	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 3500	9.5	80.8	81.3	81.4	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
IV 3000	9.8	82.4	83.1	83.2	83.4	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IV 2500	9.8	83.8	84.8	85.2	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
IV 2000	17.1	85.5	86.7	87.1	87.6	87.7	88.0	88.0	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.2
IV 1800	17.1	85.7	86.9	87.3	87.8	88.0	88.2	88.2	88.2	88.3	88.4	88.4	88.4	88.4	88.4	88.4
IV 1500	10.1	86.5	87.6	88.1	88.7	88.8	89.0	89.0	89.0	89.0	89.1	89.2	89.2	89.2	89.2	89.2
IV 1200	10.1	87.3	88.5	88.9	89.6	89.7	90.0	90.0	90.0	90.0	90.1	90.2	90.2	90.2	90.2	90.2
IV 1000	10.1	87.6	88.9	89.4	90.3	90.4	90.9	90.9	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1
IV 900	10.1	87.6	89.0	89.7	90.6	90.8	91.3	91.3	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6
IV 800	10.1	87.7	89.2	89.9	91.2	91.7	92.6	92.6	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9
IV 700	10.1	88.1	89.9	90.1	91.7	92.3	93.2	93.5	93.8	93.9	94.1	94.1	94.1	94.1	94.1	94.1
IV 600	10.1	88.3	89.8	90.4	92.3	93.0	94.0	94.3	94.5	94.6	94.9	94.9	94.9	94.9	94.9	94.9
IV 500	10.1	88.7	90.2	91.1	93.0	94.0	95.3	95.8	96.1	96.2	96.9	96.9	97.0	97.0	97.0	97.0
IV 400	10.1	88.8	90.3	91.2	93.1	94.2	95.7	96.6	96.9	97.0	97.6	97.7	97.8	97.8	97.8	97.8
IV 300	10.1	88.8	90.3	91.2	93.2	94.4	96.2	97.4	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0
IV 200	10.1	88.8	90.3	91.2	93.3	94.6	96.5	97.7	98.1	98.3	99.0	99.0	99.2	99.7	99.7	99.9
IV 100	10.1	88.8	90.3	91.2	93.3	94.6	96.5	97.7	98.1	98.3	99.0	99.2	99.7	99.8	100.0	100.0
IV 0	10.1	88.8	90.3	91.2	93.3	94.6	96.5	97.7	98.1	98.3	99.0	99.2	99.7	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

937

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-70, 73-78
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1826-2500
HOURS 157

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	≥.2
NO CEILING	7.2	62.6	63.0	63.0	63.1	63.1	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
IV 20000	7.3	65.1	65.5	65.5	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
IV 18000	7.3	65.6	66.1	66.1	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
IV 16000	7.3	65.9	66.4	66.4	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
IV 14000	7.3	66.2	66.7	66.7	66.8	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
IV 12000	7.4	66.1	68.6	68.6	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
IV 10000	7.7	73.5	71.0	71.0	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
IV 9000	7.8	73.8	71.4	71.4	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
IV 8000	7.8	73.7	73.4	73.4	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
IV 7000	7.8	73.7	74.4	74.4	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 6000	7.8	74.6	75.3	75.3	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
IV 5000	7.8	76.3	77.0	77.0	77.4	77.4	77.4	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
IV 4500	8.1	77.2	77.9	78.1	78.4	78.4	78.4	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 4000	8.1	78.9	79.6	79.8	80.2	80.2	80.2	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
IV 3500	8.1	79.8	80.6	80.8	81.3	81.3	81.3	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 3000	8.2	82.3	83.1	83.3	83.8	83.8	83.8	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 2500	8.4	84.2	85.1	85.5	86.2	86.3	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
IV 2000	8.4	85.1	86.4	87.1	88.0	88.1	88.3	88.4	88.5	88.5	88.5	88.5	88.6	88.6	88.6	88.6
IV 1800	8.4	85.6	87.1	87.7	88.8	88.9	89.0	89.1	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.3
IV 1500	8.4	85.9	87.6	88.4	89.7	89.8	89.9	90.0	90.1	90.3	90.3	90.3	90.4	90.4	90.4	90.4
IV 1200	8.4	86.4	88.3	89.0	90.4	90.5	90.6	90.8	90.9	91.2	91.2	91.2	91.3	91.3	91.3	91.3
IV 1000	8.4	86.4	88.3	89.1	90.5	90.6	90.7	90.9	91.1	91.3	91.3	91.3	91.4	91.4	91.4	91.4
IV 900	8.4	86.4	88.3	89.1	90.5	90.6	90.9	91.2	91.4	91.6	91.6	91.6	91.7	91.7	91.7	91.7
IV 800	8.4	86.4	88.3	89.1	90.9	91.1	91.5	91.7	92.3	92.6	92.6	92.6	92.7	92.7	92.7	92.7
IV 700	8.4	86.4	88.3	89.2	91.2	91.3	91.7	92.1	92.8	93.1	93.1	93.1	93.2	93.2	93.2	93.2
IV 600	8.4	86.4	88.3	89.4	91.7	91.8	92.2	92.8	93.4	93.9	94.0	94.0	94.1	94.1	94.1	94.1
IV 500	8.4	86.6	88.6	90.1	92.5	92.9	93.8	95.2	96.0	96.6	96.6	96.6	96.7	96.7	96.7	96.7
IV 400	8.4	86.6	88.6	90.2	92.8	93.3	94.4	96.0	96.9	97.3	97.3	97.3	97.6	97.6	97.7	97.7
IV 300	8.4	86.6	88.6	90.2	92.8	93.4	94.6	96.6	97.4	98.1	98.4	98.4	98.6	98.6	98.6	98.6
IV 200	8.4	86.6	88.6	90.2	92.8	93.4	94.6	96.9	97.8	98.6	99.0	99.0	99.5	99.5	99.5	99.5
IV 100	8.4	86.6	88.6	90.2	92.8	93.4	94.6	96.9	97.8	98.6	99.0	99.0	99.5	99.5	99.5	99.5
IV 0	8.4	86.6	88.6	90.2	92.8	93.4	94.6	96.9	97.8	98.6	99.0	99.0	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH
 US AFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17713 SEYMOUR-JOHNSON AFB NC

67-70, 73-78

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300
 HOURS LST

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥8	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	6.0	60.9	61.8	62.0	62.1	62.2	62.5	62.5	62.5	62.5	62.7	62.7	62.9	62.9	62.9	62.9
≥ 20000	6.0	63.5	64.4	64.6	64.7	64.8	65.7	65.0	65.0	65.0	65.3	65.3	65.5	65.5	65.5	65.5
IV 18000	6.0	64.0	64.8	65.0	65.2	65.3	65.5	65.5	65.5	65.5	65.7	65.7	65.9	65.9	65.9	65.9
IV 16000	6.0	64.4	65.3	65.5	65.6	65.7	65.9	65.9	65.9	65.9	66.1	66.1	66.3	66.3	66.3	66.3
IV 14000	6.0	65.5	66.6	66.8	66.9	67.1	67.2	67.2	67.2	67.2	67.4	67.4	67.6	67.6	67.6	67.6
IV 12000	6.0	66.7	67.7	68.0	68.1	68.2	68.4	68.4	68.4	68.4	68.6	68.6	68.8	68.8	68.8	68.8
IV 10000	6.1	69.0	70.1	70.3	70.4	70.6	70.8	70.8	70.8	70.8	70.8	71.1	71.1	71.2	71.2	71.2
IV 9000	6.1	70.3	71.1	71.4	71.5	71.6	71.9	71.8	71.8	71.8	72.1	72.1	72.3	72.3	72.3	72.3
IV 8000	6.3	71.4	72.5	72.9	73.1	73.2	73.5	73.5	73.5	73.5	73.5	73.7	73.7	73.9	73.9	73.9
IV 7000	6.3	71.7	72.9	73.4	73.6	73.7	73.9	73.9	73.9	73.9	74.1	74.1	74.3	74.3	74.3	74.3
IV 6000	6.6	73.1	74.4	75.0	75.3	75.4	75.6	75.6	75.6	75.6	75.6	75.8	75.8	76.1	76.1	76.1
IV 5000	6.8	75.2	76.5	77.2	77.6	77.7	77.9	77.9	77.9	77.9	78.1	78.1	78.3	78.3	78.3	78.3
IV 4500	6.8	75.8	77.1	77.9	78.3	78.4	78.6	78.6	78.6	78.6	78.6	78.9	79.1	79.1	79.1	79.1
IV 4000	6.9	77.7	79.1	79.8	80.3	80.4	80.6	80.6	80.6	80.6	80.6	80.8	81.0	81.0	81.0	81.0
IV 3500	7.1	78.5	80.0	80.8	81.2	81.7	81.9	81.9	81.9	81.9	82.1	82.1	82.3	82.3	82.3	82.3
IV 3000	7.1	79.7	81.3	82.3	82.7	83.3	83.5	83.5	83.5	83.5	83.5	83.7	83.7	83.9	83.9	83.9
IV 2500	7.1	80.9	82.2	83.2	83.7	84.3	84.6	84.6	84.6	84.6	84.6	84.8	84.8	85.1	85.1	85.1
IV 2000	7.1	81.9	84.7	85.2	85.9	86.5	86.8	86.8	86.8	86.8	86.8	87.1	87.1	87.4	87.4	87.4
IV 1800	7.1	82.2	84.4	85.5	86.3	86.9	87.3	87.3	87.3	87.3	87.3	87.5	87.5	87.8	87.8	87.8
IV 1500	7.1	83.7	85.1	86.6	87.6	88.2	88.7	88.7	88.7	88.7	88.7	88.9	88.9	89.2	89.2	89.2
IV 1200	7.1	83.6	85.8	87.4	88.6	89.2	89.6	89.6	89.6	89.6	89.6	89.9	89.9	90.2	90.2	90.2
IV 1000	7.1	83.9	86.1	87.8	89.1	89.8	90.3	90.3	90.3	90.3	90.3	90.5	90.5	90.8	90.8	90.8
IV 900	7.1	83.9	86.1	87.9	89.2	90.1	90.6	90.7	90.7	90.7	90.7	90.9	90.9	91.3	91.3	91.3
IV 800	7.1	84.8	87.1	89.0	90.5	91.4	92.0	92.0	92.0	92.0	92.3	92.3	92.6	92.6	92.9	92.9
IV 700	7.1	84.9	87.2	89.2	90.7	91.6	92.2	92.4	92.4	92.4	92.6	92.6	92.8	92.8	93.1	93.1
IV 600	7.1	85.1	87.5	89.5	91.2	92.0	92.9	93.1	93.1	93.2	93.2	93.4	93.4	93.7	93.7	93.7
IV 500	7.1	85.1	87.9	89.2	91.8	92.3	94.1	94.7	94.9	95.0	95.3	95.3	95.3	95.6	95.6	95.7
IV 400	7.1	85.1	88.7	90.4	92.0	93.0	94.5	95.5	95.9	96.1	96.4	96.4	96.9	96.9	97.7	97.7
IV 300	7.1	85.1	88.7	90.4	92.3	93.4	95.1	96.5	97.1	97.4	97.4	97.7	97.7	98.2	98.3	98.4
IV 200	7.1	85.1	88.1	90.5	92.4	93.5	95.4	96.9	97.4	98.1	98.1	98.5	98.5	99.0	99.1	99.2
IV 100	7.1	85.1	88.1	90.5	92.4	93.5	95.4	96.9	97.4	98.2	98.2	98.6	98.6	99.4	99.5	99.9
IV 0	7.1	85.1	88.1	90.5	92.4	93.5	95.4	96.9	97.4	98.2	98.2	98.6	98.6	99.4	99.5	99.9

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-713

SEYMOUR-JOHNSON AFB NC

67-73, 73-78

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

MONTHS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	5.6	56.8	57.8	58.5	58.8	59.0	59.1	59.3	59.4	59.4	59.5	59.5	59.6	59.6	59.7	59.7
≥ 20000	5.8	59.5	63.9	61.6	61.9	62.1	62.3	62.5	62.6	62.6	62.7	62.7	62.8	62.8	62.9	63.1
IV 18000	5.8	59.8	61.2	61.9	62.2	62.4	62.6	62.8	62.9	62.9	63.0	63.0	63.1	63.1	63.2	63.3
IV 16000	5.8	60.1	61.5	62.2	62.5	62.7	62.9	63.1	63.2	63.2	63.3	63.3	63.4	63.4	63.5	63.6
IV 14000	5.9	61.1	62.4	63.2	63.6	63.7	64.0	64.2	64.2	64.3	64.4	64.4	64.5	64.5	64.5	64.6
IV 12000	5.9	62.6	64.1	64.8	65.2	65.3	65.6	65.8	65.9	65.9	66.0	66.0	66.1	66.1	66.2	66.3
IV 10000	6.1	65.2	66.7	67.5	67.9	68.0	68.3	68.5	68.5	68.6	68.7	68.7	68.8	68.8	68.9	69.0
IV 9000	6.1	66.0	67.5	68.3	68.7	68.9	69.1	69.3	69.4	69.5	69.6	69.6	69.6	69.7	69.7	69.8
IV 8000	6.2	68.3	69.9	70.8	71.2	71.4	71.6	71.9	71.9	72.0	72.1	72.1	72.3	72.3	72.4	72.4
IV 7000	6.3	69.5	71.1	71.9	72.4	72.6	72.9	73.1	73.2	73.2	73.3	73.4	73.5	73.5	73.6	73.7
IV 6000	6.4	70.6	72.4	73.3	73.9	74.1	74.3	74.6	74.6	74.7	74.8	74.8	75.0	75.1	75.1	75.1
IV 5000	6.5	72.5	74.4	75.3	76.0	76.2	76.5	76.8	76.9	76.9	77.1	77.1	77.2	77.2	77.3	77.4
IV 4500	6.5	73.2	75.2	76.3	76.9	77.2	77.4	77.7	77.8	77.9	78.0	78.0	78.2	78.2	78.3	78.4
IV 4000	6.6	74.8	77.1	78.2	78.9	79.1	79.4	79.7	79.8	79.9	80.0	80.0	80.1	80.2	80.3	80.3
IV 3500	6.7	75.5	77.8	79.0	79.7	80.1	80.3	80.6	80.7	80.8	80.9	81.0	81.1	81.1	81.2	81.3
IV 3000	6.8	76.6	78.9	80.2	81.0	81.4	81.7	82.0	82.0	82.1	82.3	82.3	82.4	82.4	82.5	82.6
IV 2500	6.8	77.8	80.3	81.8	82.8	83.2	83.5	83.8	83.9	84.0	84.2	84.2	84.3	84.3	84.4	84.5
IV 2000	6.9	79.0	81.8	83.4	84.5	84.9	85.3	85.7	85.8	85.9	86.0	86.0	86.2	86.2	86.3	86.4
IV 1800	7.0	79.4	82.2	83.8	85.0	85.5	85.9	86.2	86.3	86.4	86.6	86.6	86.7	86.8	86.9	87.0
IV 1500	7.0	80.2	83.1	84.9	86.1	86.6	87.0	87.3	87.4	87.6	87.7	87.7	87.9	87.9	88.0	88.1
IV 1200	7.0	81.1	84.1	85.8	87.3	87.7	88.2	88.6	88.7	88.8	89.0	89.0	89.1	89.2	89.3	89.4
IV 1000	7.0	81.7	84.7	86.6	88.1	88.6	89.1	89.5	89.6	89.8	89.9	89.9	90.0	90.1	90.2	90.3
IV 900	7.0	81.8	84.9	86.8	88.5	89.0	89.5	90.0	90.1	90.2	90.4	90.4	90.5	90.6	90.7	90.8
IV 800	7.0	82.1	85.3	87.3	89.1	89.8	90.5	90.9	91.1	91.2	91.4	91.4	91.5	91.6	91.7	91.8
IV 700	7.0	82.4	85.6	87.7	89.6	90.4	91.1	91.6	91.8	92.0	92.1	92.1	92.3	92.3	92.4	92.5
IV 600	7.0	82.6	86.1	88.4	90.5	91.3	92.1	92.6	92.8	93.1	93.3	93.3	93.4	93.5	93.6	93.7
IV 500	7.0	82.9	86.4	88.8	91.1	92.1	93.1	94.0	94.2	94.5	94.8	94.8	95.0	95.1	95.2	95.3
IV 400	7.0	82.9	86.5	89.1	91.5	92.6	93.9	95.1	95.4	95.7	96.1	96.1	96.3	96.3	96.4	96.5
IV 300	7.0	82.9	86.5	89.1	91.8	93.0	94.5	96.0	96.4	96.9	97.4	97.4	97.7	97.8	97.9	98.0
IV 200	7.0	82.9	86.5	89.1	91.8	93.1	94.8	96.4	96.9	97.7	98.2	98.3	98.7	99.0	99.6	99.8
IV 100	7.0	82.9	86.5	89.1	91.8	93.1	94.8	96.4	96.9	97.7	98.2	98.3	98.8	99.1	99.6	100.0
IV 0	7.0	82.9	86.5	89.1	91.8	93.1	94.8	96.4	96.9	97.7	98.2	98.3	98.8	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7435

GLOBAL CLIMATOLOGY BRANCH
 AF-FLTAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17713 SEYMOUR-JOHNSON AFB NC

67-70, 73-79

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
 MONTHS

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥.4
NO CEILING ≥ 2000'	5.3	54.0	57.2	59.2	67.5	60.9	61.3	61.7	61.8	61.9	62.7	62.1	62.1	62.1	62.7	62.7
IV 18000	6.3	58.3	61.5	63.7	65.1	65.6	66.0	66.4	66.5	66.6	66.7	66.7	66.9	66.9	66.9	67.7
IV 16000	6.4	58.7	62.2	64.4	65.8	66.3	66.7	67.2	67.2	67.4	67.5	67.5	67.6	67.6	67.7	67.7
IV 14000	6.5	59.5	63.1	65.4	66.8	67.3	67.7	68.2	68.3	68.4	68.5	68.5	68.6	68.6	68.8	68.8
IV 12000	6.6	61.1	64.4	67.1	68.6	69.0	69.5	70.0	70.0	70.2	70.3	70.3	70.4	70.4	70.5	70.6
IV 10000	6.8	63.7	67.6	70.0	71.6	72.0	72.6	73.1	73.1	73.3	73.4	73.4	73.5	73.5	73.6	73.6
IV 9000	6.8	64.3	68.3	70.7	72.3	72.7	73.3	73.7	73.8	74.0	74.1	74.1	74.2	74.2	74.3	74.3
IV 8000	6.9	66.5	70.7	73.2	74.9	75.3	75.9	76.4	76.5	76.6	76.7	76.7	76.8	76.8	76.9	77.0
IV 7000	7.0	67.6	71.9	74.4	76.1	76.6	77.2	77.6	77.7	77.9	78.0	78.1	78.1	78.1	78.2	78.3
IV 6000	7.1	68.5	72.8	75.4	77.1	77.6	78.1	78.6	78.7	78.9	79.0	79.0	79.1	79.1	79.2	79.3
IV 5000	7.1	69.8	74.2	76.9	78.7	79.2	79.7	80.3	80.4	80.5	80.6	80.6	80.7	80.8	80.9	80.9
IV 4500	7.1	73.4	74.8	77.6	79.3	79.9	80.4	81.0	81.1	81.2	81.3	81.3	81.4	81.5	81.6	81.7
IV 4000	7.2	71.8	76.5	79.3	81.2	81.7	82.3	82.9	83.0	83.2	83.3	83.3	83.4	83.4	83.5	83.5
IV 3500	7.2	72.6	77.3	80.2	82.1	82.7	83.3	83.9	84.7	84.2	84.2	84.3	84.4	84.4	84.5	84.6
IV 3000	7.3	73.8	78.7	81.7	83.7	84.3	85.0	85.5	85.7	85.8	85.9	86.0	86.1	86.1	86.2	86.2
IV 2500	7.3	74.7	79.7	82.9	85.0	85.6	86.3	86.9	87.7	87.2	87.3	87.3	87.4	87.4	87.5	87.6
IV 2000	7.4	75.6	80.9	84.1	86.3	87.0	87.7	88.3	88.5	88.6	88.8	88.8	88.9	88.9	89.0	89.1
IV 1800	7.4	75.9	81.2	84.5	86.7	87.3	88.0	88.7	88.8	89.0	89.1	89.1	89.2	89.3	89.3	89.4
IV 1500	7.4	76.6	82.0	85.4	87.7	88.4	89.2	89.8	90.0	90.1	90.3	90.3	90.4	90.4	90.5	90.5
IV 1200	7.5	77.4	82.9	86.4	88.8	89.6	90.4	91.0	91.2	91.4	91.5	91.5	91.6	91.7	91.9	91.9
IV 1000	7.5	77.9	83.6	87.2	89.7	90.4	91.3	92.0	92.2	92.4	92.5	92.5	92.7	92.7	92.8	92.9
IV 900	7.5	78.2	83.9	87.6	90.1	90.9	91.8	92.6	92.7	93.0	93.1	93.1	93.2	93.3	93.4	93.5
IV 800	7.5	78.5	84.4	88.2	90.9	91.8	92.7	93.5	93.7	93.9	94.1	94.1	94.2	94.3	94.3	94.4
IV 700	7.5	78.7	84.7	88.6	91.4	92.4	93.4	94.2	94.4	94.6	94.8	94.8	94.9	95.0	95.1	95.2
IV 600	7.5	78.9	85.1	89.1	92.0	93.0	94.1	95.0	95.2	95.5	95.6	95.7	95.8	95.8	95.9	96.0
IV 500	7.5	79.1	85.4	89.5	92.7	93.8	95.0	96.1	96.3	96.7	96.8	96.9	97.0	97.1	97.2	97.2
IV 400	7.5	79.2	85.5	89.7	93.0	94.1	95.6	96.8	97.1	97.5	97.7	97.7	97.8	97.8	97.9	98.0
IV 300	7.5	79.2	85.5	89.7	93.1	94.4	95.9	97.3	97.7	98.1	98.4	98.4	98.6	98.7	98.9	98.9
IV 200	7.5	79.2	85.5	89.8	93.1	94.4	96.0	97.5	97.9	98.4	98.7	98.8	99.0	99.1	99.3	99.5
IV 100	7.5	79.2	85.5	89.8	93.1	94.4	96.0	97.5	97.9	98.4	98.8	98.8	99.1	99.3	99.6	99.9
IV 0	7.5	79.2	85.5	89.8	93.1	94.4	96.0	97.5	97.9	98.4	98.8	98.8	99.1	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 57634

TOTAL SKY COVER

FOR THE PERIOD OF RECORD 1971 AND LATER THE AIRWAYS
CATEGORIES OF CLEAR, SCATTERED, BROKEN, OVERCAST, & OBSCURED
WERE USED AS INPUT FOR THE TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

SKY COVER

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
PERIOD

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
JAN	00-02	34.4			14.5						10.3	40.8	5.4	929
	03-05	34.2			14.0						9.6	42.2	5.5	919
	06-08	25.1			18.7						12.6	43.6	6.1	920
	09-11	23.3			18.1						14.7	43.9	6.3	927
	12-14	19.0			20.1						16.9	44.0	6.5	930
	15-17	15.3			23.0						16.8	44.9	6.7	930
	18-20	23.2			21.2						14.5	41.1	6.0	925
	21-23	32.1			16.4						10.5	41.0	5.5	927
TOTALS		25.8			18.3						13.2	42.7	6.0	7492

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
PERIOD

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
FEB	00-02	39.6			15.4						8.7	36.3	4.9	843
	03-05	40.8			14.7						10.5	34.0	4.8	841
	06-08	31.9			18.1						12.1	37.9	5.4	842
	09-11	28.3			17.8						15.7	38.2	5.8	842
	12-14	22.9			21.9						15.5	39.7	6.0	844
	15-17	21.2			23.9						15.4	39.5	6.0	844
	18-20	26.1			24.9						13.9	35.0	5.5	846
	21-23	37.6			16.2						12.9	33.3	5.0	844
TOTALS		31.1			19.1						13.1	36.7	5.4	6746

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70,73-79
PERIOD

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
MAR	00-02	35.4			15.6						10.6	38.5	5.3	925
	03-05	35.4			12.6						10.2	41.8	5.5	921
	06-08	22.0			18.5						12.5	47.0	6.4	926
	09-11	21.5			20.2						14.1	44.2	6.3	930
	12-14	16.1			22.7						16.1	45.0	6.6	929
	15-17	14.5			23.9						17.2	44.3	6.7	928
	18-20	18.1			24.4						16.6	41.0	6.3	930
	21-23	33.6			17.6						12.7	36.1	5.3	928
TOTALS		24.6			19.4						13.8	42.2	6.1	7417

USAFETAC

FORM JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

13713 SEYMOUR-JOHNSON AFB NC
STATION STATION NAME

68-70, 73-79
PERIOD

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
APR	00-02	42.7			14.1						11.3	29.9	4.5	895
	03-05	40.4			17.8						10.9	30.8	4.6	898
	06-08	25.8			20.8						15.9	37.6	5.8	900
	09-11	23.4			25.8						16.5	34.4	5.7	899
	12-14	18.2			26.5						20.8	34.7	6.1	900
	15-17	16.3			27.6						20.4	35.7	6.2	900
	18-20	25.6			24.8						16.8	32.9	5.5	900
	21-23	38.8			19.6						12.3	29.3	4.6	899
TOTALS		28.9			22.4						15.4	33.2	5.4	7191

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

13713
STATION

SEYMGUR-JOHNSON AFB NC
STATION NAME

68-70,73-79
PERIOD

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS		
		0	1	2	3	4	5	6	7	8	9			10	
JUN	00-02	26.6			26.5							19.0	27.9	5.3	891
	03-05	19.6			30.1							17.9	32.4	5.8	879
	06-08	12.3			24.7							27.5	35.5	6.8	894
	09-11	9.8			30.0							26.6	33.6	6.7	897
	12-14	1.9			34.3							27.6	36.3	7.1	896
	15-17	2.1			34.3							27.2	36.4	7.1	896
	18-20	7.8			27.4							26.0	38.8	7.0	894
	21-23	18.7			30.4							21.4	29.4	5.8	891
TOTALS		12.4			29.7							24.2	33.8	6.5	7138

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

13713 SEYMOUR-JOHNSON AFB NC
STATION STATION NAME

68-70, 73-79
PERIOD

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
JUL	00-02	29.9			28.4						18.1	23.6	4.8	919
	03-05	25.4			29.6						18.5	26.4	5.2	908
	06-08	14.5			25.5						24.5	35.5	6.5	915
	09-11	12.5			29.8						26.6	31.2	6.4	930
	12-14	1.5			38.3						28.2	32.0	6.9	930
	15-17	1.2			37.6						28.2	33.0	7.0	927
	18-20	7.7			28.3						25.7	38.3	7.0	925
	21-23	16.9			31.0						21.1	30.9	5.9	722
	TOTALS	13.7			31.1						23.9	31.4	6.2	7376

2
GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-70, 73-78
PERIOD

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
OCT	00-02	48.5			16.0						12.6	22.9	3.9	924
	03-05	47.1			14.1						13.0	25.8	4.2	910
	06-08	28.6			22.9						17.4	31.1	5.4	909
	09-11	26.2			23.1						20.4	30.2	5.6	926
	12-14	18.8			31.6						22.5	27.0	5.7	929
	15-17	17.6			32.8						21.1	28.5	5.7	930
	18-20	30.1			28.4						17.9	23.6	4.8	929
	21-23	42.8			24.9						11.6	20.6	3.9	930
	TOTALS	32.5			24.2						17.1	26.2	4.9	7387

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

13713
STATIONSEYMOUR-JOHNSON AFB NC
STATION NAME67-70, 73-78
PERIODNOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
NOV	00-02	46.4			16.1						10.0	27.5	4.1	893
	03-05	46.0			16.4						9.8	27.9	4.2	879
	06-08	29.8			24.9						16.3	29.0	5.1	887
	09-11	26.4			24.0						17.4	32.1	5.5	900
	12-14	21.6			26.6						19.1	32.8	5.8	900
	15-17	18.7			29.2						18.3	33.8	5.9	900
	18-20	30.7			24.9						12.6	31.9	5.1	900
	21-23	43.7			17.8						9.5	29.1	4.3	898
TOTALS		32.9			22.5						14.1	30.5	5.0	7157

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

13713 SEYMOUR-JOHNSON AFB NC 67-70, 73-78 DEC

STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
DEC	00-02	41.7			16.4						12.5	29.5	4.6	923
	03-05	41.5			13.8						12.3	32.4	4.8	919
	06-08	28.0			19.9						15.6	36.6	5.7	919
	09-11	22.7			21.6						16.6	39.1	6.1	930
	12-14	19.6			22.5						17.8	40.1	6.3	930
	15-17	19.3			23.7						16.8	40.3	6.2	929
	18-20	29.6			22.8						15.7	32.0	5.3	926
	21-23	40.2			15.6						12.9	31.4	4.8	925
TOTALS		30.3			19.5						15.0	35.2	5.5	7401

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

13713
STATIONSEYMGUR-JOHNSON AFB NC
STATION NAME67-70,73-79
PERIODALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
JAN	ALL	25.8			18.3						13.2	42.7	6.0	7402
FEB		31.1			19.1						13.1	36.7	5.4	6746
MAR		24.6			19.4						13.8	42.2	6.1	7417
APR		28.9			22.4						15.6	33.2	5.4	7191
MAY		20.6			26.1						19.9	33.5	5.9	7392
JUN		12.4			29.7						24.2	33.8	6.5	7138
JUL		13.7			31.1						23.9	31.4	6.2	7376
AUG		14.6			33.6						24.9	26.9	5.9	7332
SEP		18.8			30.9						22.3	28.1	5.7	7129
OCT		32.5			24.2						17.1	26.2	4.9	7387
NOV		32.9			22.5						14.1	30.5	5.0	7157
DEC		30.3			19.5						15.0	35.2	5.5	7401
TOTALS		23.9			24.7						18.1	33.4	5.7	67068

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 covered. These tabulations provide the cumulative percentage frequency to tenths of temperature by 3-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:** Direct conversion of temperatures from Celsius to Fahrenheit values results in the omission of certain values. The conversion method used at OLA to present these data may result in differences not exceeding $\pm 1^\circ$ from directly converted values but excludes no Fahrenheit values.

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.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

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

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

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

- b. Means and standard deviations - These tabulations are derived from hourly observations and 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.
4. 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.

2

DAILY TEMPERATURES

STATION 5 SERVICE 7-77
 STATION NAME FLYING JUNCTION, WYO
 YEAR 1977

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM DAILY OBSERVATIONS

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
50													
51													
52													
53													
54													
55													
56													
57													
58													
59													
60													
61													
62													
63													
64													
65													
66													
67													
68													
69													
70													
71													
72													
73													
74													
75													
76													
77													
78													
79													
80													
81													
82													
83													
84													
85													
86													
87													
88													
89													
90													
91													
92													
93													
94													
95													
96													
97													
98													
99													
100													
MEAN	51.2	53.8	62.2	72.9	79.4	85.3	87.8	87.1	82.3	72.9	54.2	54.7	71.2
SD	3.14	11.76	11.15	9.56	7.78	6.46	4.91	5.27	6.43	7.45	9.34	10.4	10.7
TOTAL OBS	31	71	62	65	67	67	67	62	61	62	61	61	61

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

DAILY TEMPERATURES

STATION **17M010-204N030W** STATION NAME **JOHNSON AFB**

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)**

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN. AV.
110													
105													
100													
95													
90													
85													
80													
75													
70													
65													
60													
55													
50													
45													
40													
35													
30													
25													
20													
15													
10													
5													
0													
MEAN	72.6	34.1	41.9	50.5	59.1	66.4	73.6	76.3	64.7	52.1	42.3	36.7	51.2
S. D.	1.34	9.67	9.03	8.45	8.98	5.42	3.92	4.33	6.51	9.07	9.33	10.36	11.01
TOTAL OBS.	681	571	682	659	679	657	679	682	667	582	66	27	6994

DAILY TEMPERATURES

STATION: **VIETNAM**
 STATION NAME: **PHU THO JOHNSON ATB**

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM DAILY OBSERVATIONS

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
10						4.3	7.1						
11				.3	0.0	20.0	53.0	40.4	17.1				
12			.4	6.0	74.9	61.3	56.0	44.2	42.7	0.0			
13		.3	3.2	21.2	52.3	27.5	29.1	27.7	76.1	21.0			
14	2.1	5.7	11.3	39.9	76.3	97.7	100.0	94.9	91.5	47.3	12.3	.4	40.0
15	6.7	7.6	25.8	56.9	90.7	99.7		100.0	99.6	66.7	21.0	1.0	57.7
16	13.5	15.9	36.3	74.7	93.5	100.0			100.0	83.1	47.7	15.7	65.1
17	24.7	29.1	60.1	95.3	99.9					77.7	60.4	23.5	70.7
18	40.2	46.5	79.6	98.9	100.0					98.8	84.1	51.2	83.0
19	57.7	65.1	92.4	100.0						99.7	94.5	67.8	90.0
20	74.6	83.4	97.1							100.0	98.2	80.4	97.0
21	87.8	93.7	99.4								94.5	95.9	97.0
22	96.3	98.9	100.0									99.1	99.0
23	99.4	99.7										99.9	99.9
24	99.9	100.0										100.0	100.0
25	100.0												100.0
26													
27													
28													
29													
30													
31													
32													
33													
34													
35													
36													
37													
38													
39													
40													
MEAN	42.2	44.8	52.4	61.9	69.5	75.9	79.5	78.9	73.1	62.7	53.2	45.7	61.7
S D	6.52	6.14	9.35	8.25	6.65	5.25	3.86	4.30	5.83	7.75	9.16	9.55	8.44
TOTAL OBS.	65	52	62	65	67	65	67	52	66	52	67	50	67

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

FROM DATA OBSERVATIONS

13713 STATION SEYMOUR-JOHNSON AFB NC STATION NAME

57-79 YEARS

WHOLE DEGREES FAHRENHEIT

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
57									95	78	79	72	
58	62	73	67	91	90	97	96	97	94	85	79	70	97
59	74	74	81	86	94	100	95	96	93	89	81	72	100
60	74	73	80	93	92	95	93	94	91	85	76	71	95
61	64	75	83	89	85	92	95	92	92	86	84	73	95
62	75	81	78	87	95	93	97	93	91	90	73	68	97
63	73	69	82	95	93	97	95	93	89	83	74	65	97
64	* 67	65	79	89	97	100	89	93	88	83	80	74	100
65	74	78	75	88	92	91	92	94	92	81	76	70	94
66	72	71	83	85	89	98	97	93	94	84	78	76	98
67	73	73	86	90	91	91	93	92	86	86	75	78	93
68	69	71	85	85	91	99	97	100	93	89	81	70	100
69	72	71	76	84	91	92	96	90	92	84	75	73	96
70	82	75	80	92*	93	98	95	95	94	85	77	77	98
71	78	77	78	88	90	99	97	94	92	86	83	80	99
72	72	77	80	90	84	90	97	98	91	85	82	73	98
73	72	69	85*	87*	91*	92*	75	94	94	70	85	78	* 95
74	79	69	90	92	92	95	94	95	92	83	87	75	95
75	79	85	86	86	95	95	95	98	94	87	82	75	98
76	73	80	85	94	90	93	97	90	90	86	70	66	97
77	56	80	80	87	93	98	104	98	92	88	79	73	104
78	71	67	77	86	92	95	95	95	95	83	78	80	95
79	67	69	78	82	87	89	94	100					
MEAN	72.0	73.7	80.6	88.5	91.2	95.1	95.4	94.7	92.0	85.3	78.8	73.1	97.1
S D	5.971	5.054	4.846	3.459	3.216	3.439	2.819	2.831	2.268	2.931	4.171	4.098	2.610
TOTAL OBS.	681	621	682	659	679	657	679	682	660	682	660	682	8024

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

2

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

13713 STATION SF YMOUR-JOHNSON AFB NC STATION NAME

57-79 YEARS

WHOLE DEGREES FAHRENHEIT

MONTH:	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
57									51	32	28	14	
58	15	12	32	38	48	55	62	64	50	39	25	10	10
59	15	20	28	38	50	54	67	65	50	42	25	25	15
60	20	25	20	36	48	55	64	65	53	35	28	15	15
61	17	22	30	35	43	50	60	61	51	30	26	17	17
62	6	21	27	35	53	58	58	60	47	25	31	11	6
63	14	15	32	32	35	57	56	59	47	32	31	16	14
64	* 15	19	25	35	50	60	60	59	49	33	26	21	* 15
65	11	12	27	37	50	47	58	49	53	27	28	20	11
66	12	22	26	34	47	48	59	62	48	32	27	21	12
67	21	13	24	38	46	53	62	62	44	33	22	25	13
68	16	12	25	36	42	56	65	58	55	33	26	19	12
69	16	25	27	35	41	58	68	55	49	33	24	20	16
70	10	22	20	38*	45	57	63	64	47	37	20	17	10
71	19	19	30	37	44	59	67	66	58	47	29	25	19
72	12	23	28	33	44	48	59	62	55	36	26	18	12
73	17	15	28	33*	45*	59*	60	65	58	35	26	22	15
74	26	21	32	35	47	59	6	51	48	32	25	24	21
75	25	28	29	36	49	58	58	65	52	38	32	20	20
76	16	25	26	33	46	53	64	54	47	26	19	17	16
77	6	13	30	33	38	51	59	63	55	36	27	22	6
78	18	20	25	39	46	55	59	62	53	35	35	24	18
79	17	9	29	40	49	55	59	57					
MEAN	15.7	18.8	27.6	36.0	45.3	54.6	61.2	60.8	50.9	34.0	26.7	19.2	14.1
S D	5.170	5.309	2.904	2.224	4.802	3.880	3.463	4.239	3.778	4.995	3.695	4.331	4.277
TOTAL OBS	681	621	682	659	679	657	679	682	660	682	660	682	8024

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OIA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17713 SEYMOUR-JOHNSON AFB NC
 STATION STATION NAME

63-70, 73-79
 YEARS

JAN
 MONTH

PAGE 1 0000-22-0
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	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/ 71			.1															1	3		
69/ 69						.1												1	1		
67/ 67		.3	.1	.2														6	6	1	
65/ 65		.5	1.1	.1														16	16	5	3
63/ 63	.1	1.2	.4	.1														17	17	10	6
61/ 61	.2	.8	1.4	.1														23	23	26	13
59/ 59		1.5	.3	.1		.2												27	27	17	24
57/ 57		.4	.6	.1	.3													14	14	24	17
55/ 55		1.4	.4	.3	.3													23	23	7	19
53/ 53		.6	.9	.1	.3													17	17	20	17
51/ 51	.5	.8	.6		.1													19	19	20	22
49/ 49	.3	1.4	.9	.1	.2	.2												29	29	21	19
47/ 47	.1	2.6	.4	.7	.1													33	33	28	27
45/ 45	1.1	1.6	1.2	.9	.8	.2												53	53	46	34
43/ 43	.1	1.9	.5	.2	.1	.1												28	28	23	31
41/ 41	.5	2.2	1.9	1.2	.1	.1												56	56	37	24
39/ 39	1.3	2.0	1.3	1.1	.3													56	56	38	47
37/ 37	.2	1.6	1.8	.4	.6													44	44	41	36
35/ 35	1.0	1.6	2.2	1.4	.7													61	61	54	27
33/ 33	.3	1.4	2.8	2.7	.3													65	65	39	27
31/ 31	.2	4.6	2.8	1.7														67	67	50	46
29/ 29	.3	1.9	1.7	1.3														45	45	37	36
27/ 27	.5	2.0	1.9	1.4														55	55	72	52
25/ 25	.1	3.2	1.8	.6														54	54	60	59
23/ 23		2.2	2.0	.1														40	40	56	40
21/ 21	.5	1.9	.3	.3														25	25	51	41
19/ 19	.3	1.3	.2															17	17	42	51
17/ 17		.9	.1															6	6	10	32
15/ 15		.9	.4															9	9	10	42
13/ 13		.2	.6															8	8	6	41
11/ 11			.1															1	1	9	32
9/ 9																				2	27
7/ 7																					20
5/ 5																					8
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17713 STATION SEYMOUR-JOHNSON AFB NC STATION NAME 56-77, 73-79 YEARS JAN MONTH

PAGE 1 7000-0200
 HOURS (L, S, T)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
4/ 3																					4
3/ 1																					4
1/ -1																					5
-2/ -3																					3
-4/ -5																					7
-6/ -7																					3
TOTAL	7.8	41.6	31.1	14.3	4.7	1.2											922	930	930	930	

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						
						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total
Rel. Hum.	5242945	67997	73.1	17.390	930							
Dry Bulb	1506609	35615	38.3	12.394	930		34.7	1.0				93
Wet Bulb	1309493	32933	35.4	12.419	930		45.4	.1				93
Dew Point	1052712	27788	29.9	15.473	930	2.1	56.2					93

2880
 USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JAN 64

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13713
 STATION

SEYMOUR-JOHNSON AFB NC
 STATION NAME

65-70, 73-79
 YEARS

JAN
 MONTH

PAGE 1 7300-3500
 HOURS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
70/69			.1																1	1															
68/67		.2			.2														4	4	1														
66/65		.6	1.0																15	15	5	3													
64/63	.1	.5	.8		.1														14	14	5	7													
62/61		.5	1.0		.1														15	15	17	4													
60/59	.1	1.4	.5		.2	.2													23	23	13	17													
58/57	.1	1.4	.6	.1															21	21	24	11													
56/55	.1	1.1	.9	.1	.2	.4													26	26	16	22													
54/53	.2	.8	.9	.2	.3														19	19	21	20													
52/51	.4	.9	.2	.1															15	15	26	27													
50/49	.4	.4	.1	.1															10	10	14	15													
48/47	.8	2.0	.2	.2															32	30	21	21													
47/45	1.1	1.6	1.1	.9	.3														43	43	35	21													
44/43	.3	1.7	1.7	.1	.1	.1													38	38	22	19													
42/41	.5	2.8	1.5	.9	.1														51	51	43	26													
40/39	1.1	1.9	1.4	.6	.2														49	49	52	33													
38/37	.6	1.5	1.7	1.2	.1														48	48	45	43													
36/35	.9	2.0	1.9	.8	.5														57	57	43	48													
34/33	.9	1.8	2.4	1.2	.2														55	55	53	32													
32/31	.3	3.1	2.9	1.7	.2														74	74	46	39													
30/29	.3	3.1	2.7	1.6															72	72	69	42													
28/27	.6	3.5	1.4	.8															59	59	73	33													
26/25	.3	2.6	1.5	.5															46	46	74	63													
24/23	.3	1.3	2.7	.2															36	36	46	42													
22/21	.6	2.6	1.5	.3															47	47	45	40													
20/19	.2	1.9	1.2	.1															32	32	51	54													
18/17	.2	.5	.3																10	10	37	40													
16/15	.1	.6	.1																8	8	16	39													
14/13		.3	.3																6	6	7	41													
12/11		.3	.1																4	4	4	34													
10/9		.1																	1	1	7	14													
8/7		.1																	1	1	1	29													
6/5																					1	11													
4/3																						7													
Element (X)	Σx²		Σx		X		C _x		No. Obs.		Mean No. of Hours with Temperature						Total																		
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																		
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13713
 STATION

SEYMOUR-JOHNSON AFB NC
 STATION NAME

68-77, 73-79
 YEARS

JAN
 MONTH

PAGE 0 030-2507
 HOURS IL, S, T

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)													TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	O.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
7/ 1																				7
1/ -1																				10
-2/ -3																				7
-4/ -5																				7
-5/ -7																				1
TOTAL	10.643	5.531	7.10	3.3		.8										97.6		47.1	93.7	

Element (X)	Σx^2	Σy	\bar{x}	r_n	No. Obs.	Mean No. of Hours with Temperature						
						= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total
Rel. Hum.	5427624	69352	74.8	16.597	930							03
Dry Bulb	1413713	34343	36.9	12.515	930		39.6	.5				93
Wet Bulb	1241339	31929	34.8	12.499	930			.1				93
Dew Point	1009812	27074	29.1	15.446	930	2.5	56.9					93

2869
 USAFETAC FORM 0-26-5 (OLA) REVISD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-70, 73-79
YEARS

JAN
MONTH

PAGE 1

3600-0800
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
72/ 72		.1	.1															2	2																
71/ 69		.2	.1															3	3	4	4														
68/ 67		.1																1	1	4	4														
66/ 65		.1	1.1															10	10	1	2														
64/ 63	.2	.9	.2															12	12	3	3														
62/ 61		.9	.4	.2	.2	.1												17	17	2	5														
60/ 59		1.5	.3	.1														18	19	12	16														
58/ 57	.3	1.2	.3															17	17	21	13														
56/ 55	.3	1.9	.9	.1														24	24	16	23														
54/ 53	.2	.9	.1	.1	.4													16	16	22	17														
52/ 51	.4	1.1	.5	.5	.3													29	29	29	19														
50/ 49	.4	.3	.3	.4	.1													15	15	12	22														
48/ 47	.1	1.6	.3	.5	.2	.1												27	27	11	13														
46/ 45	.9	1.9	.8	.4														37	27	4	25														
44/ 43	.2	1.7	1.0	.1														28	28	28	17														
42/ 41	.3	1.8	.5	.1	.1													27	27	36	22														
40/ 39	1.0	2.5	2.5	.5														60	60	39	33														
38/ 37	.9	1.7	1.4	1.3														49	47	4	38														
36/ 35	1.2	3.1	1.5	.9	.2													64	64	52	52														
34/ 33	.6	2.2	1.4	1.1	.2													51	51	58	36														
32/ 31	.5	2.9	3.1	1.6														76	76	51	27														
30/ 29	.3	3.1	3.1	1.2														73	73	58	55														
28/ 27	.6	3.3	.5	1.1														52	52	71	42														
26/ 25	.3	2.9	1.3	.4														46	46	76	50														
24/ 23	.3	2.3	1.8															41	41	53	46														
22/ 21	.9	2.5	1.1	.3														41	41	44	33														
20/ 19	.1	2.0	3.0	.2														50	50	44	60														
18/ 17	.3	1.2	.5															19	19	33	39														
16/ 15	.1	.9	.4															13	13	33	44														
14/ 13			.1															1	1	14	33														
12/ 11		.8																7	7	3	43														
10/ 9		.1																1	1	8	20														
8/ 7		.1																1	1	1	23														
6/ 5		.2																2	2	1	14														
Element (X)	Σ X'	Σ X	X	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13713 SEYMOUR-JOHNSON AFB NC 65-70, 73-79 YEARS JAN MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL							
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	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		
-1/3																																						2	5
1/2																																							11
1/1																																							9
-1/-3																																							11
-1/-5																																							1
-1/-7																																							1
-1/-9																																							3
TOTAL	10	34	7	6	28	31	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	1	3	

Element (X)	Z _X ¹	Z _X	X	s _X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5519104	70080	75.4	16.014	930							
Dry Bulb	1355504	33490	36.0	12.686	930		42.3	.6				93
Wet Bulb	1199047	31239	33.6	12.695	930		48.5	.5				93
Dew Point	982093	26549	28.5	15.535	930	2.6	57.2	.8				93

28700
 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

1713 SEYMOUR-JOHNSON AFB NC 68-73, 73-79 JAN
 STATION STATION NAME YEARS MONTH

PAGE 1 7900-1110
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
6/ 0																				1	10
4/ 2																					9
2/ 1																					16
0/ -1																					9
-2/ -3																					11
-4/ -5																					1
-6/ -7																					2
-8/ -9																					4
TOTAL	4.4	27.8	25.3	24.9	11.8	3.7	1.6	.2	.2									930	937	931	930

Element (X)	Z _X ¹	Z _X	X	σ _X	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	4405357	61457	66.1	19.246	930							
Dry Bulb	1713876	38226	41.1	12.392	930		24.4	2.9	.3			93
Wet Bulb	1410700	34390	37.0	12.232	930		38.1	.4				93
Dew Point	1061950	27662	29.7	16.045	930	2.7	54.9	.3				93

28710
 USAFETAC FORM 0-26-5 (OL A) AIR 44 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17713 SCYMOUR-JOHNSON AFB NC 68-70,73-70 JA
STATION STATION NAME YEARS MONTH

PAGE 1 1230-1400
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																	
81/ 81																																	1	1			
79/ 77																																		1	1		
78/ 77																																		6	6		
75/ 75																																		8	8		
74/ 72																																		8	8		
72/ 71																																		13	13		
70/ 69																																		20	20	2	
68/ 67																																		29	29	4	2
66/ 65																																		27	27	21	1
64/ 63																																		19	19	22	13
62/ 61																																		34	34	15	19
60/ 59																																		21	21	13	12
58/ 57																																		25	25	39	14
56/ 55																																		34	34	32	17
54/ 53																																		52	52	21	12
52/ 51																																		39	39	32	33
50/ 49																																		40	40	31	33
48/ 47																																		47	47	31	29
46/ 45																																		64	64	37	31
44/ 43																																		31	31	49	9
42/ 41																																		55	55	73	29
40/ 39																																		50	50	56	32
38/ 37																																		53	53	61	41
36/ 35																																		38	38	68	31
34/ 33																																		45	45	58	32
32/ 31																																		37	37	56	37
30/ 29																																		23	23	52	42
28/ 27																																		30	30	50	47
26/ 25																																		19	19	38	43
24/ 23																																		4	4	26	28
22/ 21																																		4	4	25	50
20/ 19																																		1	1	9	40
18/ 17																																		1	1	6	35
16/ 15																																		2	2	2	29
Element (X)	Z _X ¹	Z _X	X	σ _X	No. Obs.	Mean No. of Hours with Temperature																															
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																									
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

FORM 1625-5 (OL A) 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13713 STATION SEYMOUR-JOHNSON AFB NC STATION NAME 62-70,73-79 YEARS JAN MONTH

PAGE 7 1270-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B., W.B.	Dry Bulb	Wet Bulb	Dew Point
14/ 13																				1	37
12/ 11																				2	36
10/ 9																					44
8/ 7																					16
6/ 5																					12
4/ 3																					20
2/ 1																					13
0/ -1																					5
-2/ -3																					4
-4/ -5																					3
-6/ -7																					4
TOTAL	3.2	14.1	12.7	18.8	22.4	13.4	9.4	4.3	1.7	.5	.1								930	930	
																		930		930	
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	3252598	51254	55.121	4.62	930	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total									
Dry Bulb	2195523	43607	46.9	12.742	930		12.1	8.5	2.4	.1		93									
Wet Bulb	1638197	37425	40.2	11.927	930		26.7	.6				93									
Dew Point	1085157	27857	30.0	16.429	930	1.6	54.0	.2				93									

28720
 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

15713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-77, 73-79
YEARS

JAN
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																	
82/ 81																																2	2				
81/ 79																																	4	4			
73/ 77																																	4	4			
76/ 75																																	9	9			
74/ 73																																	12	12			
72/ 71																																	14	14			
77/ 69																																	22	22			
68/ 67																																	24	24	5		
66/ 65																																	29	29	17	1	
64/ 63	.1																																23	23	19	9	
62/ 61	.1																																16	16	21	12	
60/ 59																																	37	37	14	18	
58/ 57	.1																																47	47	48	8	
56/ 55																																	44	44	34	19	
54/ 53	.1																																32	32	24	29	
52/ 51	.3																																45	45	37	39	
50/ 49	.1																																44	44	21	31	
48/ 47																																	52	52	29	36	
46/ 45	.1																																65	65	53	18	
44/ 43	.2																																86	86	49	13	
42/ 41	.2																																50	50	65	27	
41/ 39																																	42	42	59	30	
36/ 37	.5																																42	42	60	30	
36/ 35	.5																																52	52	69	37	
34/ 33	.4																																33	33	58	42	
32/ 31																																	34	34	64	31	
30/ 29																																	30	30	46	44	
28/ 27																																	19	19	48	30	
26/ 25	.2																																8	8	35	43	
24/ 23																																	3	3	34	46	
22/ 21																																	5	5	12	41	
20/ 19																																	1	1	2	38	
18/ 17																																				4	22
16/ 15																																			4	38	
Element (X)	Σ X ²	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total																									
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																									
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13713
 STATION

SEYMOUR-JOHNSON AFB NC
 STATION NAME

68-70, 73-79
 YEARS

JAN
 MONTH

PAGE 1 1970-2000
 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			
75/ 75						.1		.1											2	2					
74/ 73						.2	.3												5	5					
72/ 71					.4	.2													6	6					
71/ 69			.1	.2	.1		.1												5	5					
68/ 67		.4	.2	.2		.3													11	11					
66/ 65		.1	.2	.4	.6	.2	.1		.1										17	17	7	1			
64/ 63	.1	.3	.2	.1	.6	.3													16	16	15	5			
62/ 61	.1	.8	.2	.9	.8	.1	.1	.1											28	28	12	8			
60/ 59		.3	.6	.5	.6	.1	.3	.3											27	27	14	17			
58/ 57		1.3	.5	.6	.3	.3	.1												30	30	22	10			
56/ 55	.1	1.0	1.2	.2	.1	.5	.1	.2											32	32	34	15			
54/ 53	.3	1.0	.8	.3	.3	.3	.2	.1											21	31	35	21			
52/ 51	.8	1.1	.5	.6	.5	.8	.1												41	41	36	40			
51/ 49	.1	1.1	.5	.4	.6	.5	.3												34	34	26	32			
48/ 47		1.5	.3	1.2	.5	.4	.2												39	39	29	27			
46/ 45		1.1	.6	1.3	1.1	.9	.1												46	46	32	32			
44/ 43	.4	1.9	1.2	1.1	.4	.8													54	54	37	27			
42/ 41	.2	1.2	1.7	2.0	2.3	1.7													78	78	53	14			
40/ 39	.4	1.1	1.1	1.6	1.5	.9													61	61	49	26			
38/ 37	.6	.3	1.2	1.6	1.9	.4													57	57	53	40			
36/ 35	.6	1.3	1.2	1.6	1.5	.2													62	62	67	33			
34/ 33	.2	1.5	1.7	1.9	1.5														64	64	70	44			
32/ 31	.1	1.2	1.6	3.2	.8														64	64	68	51			
30/ 29		.6	1.3	2.0	.2														39	39	64	33			
28/ 27		.8	1.4	1.5	.1														35	35	50	35			
26/ 25	.1	.5	.8	.8	.1														21	21	74	46			
24/ 23		.5	.5	.2															12	12	33	46			
22/ 21			.2	.4															6	6	28	33			
20/ 19			.5																5	5	10	48			
18/ 17			.2																2	2	4	46			
16/ 15																					7	34			
14/ 13																					1	40			
12/ 11																						32			
10/ 9																						33			
Element (X)	ΣX ²	ΣX	X	σ _x	No. Obs.	Mean No. of Hours with Temperature																			
Rel. Num.						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total													
Dry Bulb																									
Wet Bulb																									
Dew Point																									

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

GLOPAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13713 SEYMOUR-JOHNSON AFB NC 68-70, 73-79 JAN
STATION STATION NAME YEARS MONTH

PAGE 2 1850-2300
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															
5/ 7																																		25		
6/ 5																																		14		
4/ 3																																		7		
2/ 1																																		3		
1/ -1																																		8		
-2/ -3																																		4		
-4/ -5																																		1		
-6/ -7																																		1		
TOTAL	4.3	20.9	20.0	26.1	17.0	8.6	2.2	.9	.1											930													930			

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

2874

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Num.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	1476704	40071	43.1	1.7	930		18.4	2.9	.7			93
Wet Bulb	1476704	35494	38.2	1.4	930		33.9					93
Dew Point	1060922	27968	30.1	1.5	930	1.4	53.8					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13713 SEYMOUR-JOHNSON AFB MO 68-70, 73-79 YEARS JAN 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															
72/ 71						.1																									1	1			
71/ 69					.1	.2																									9	9			
68/ 67			.4	.3	.1																									10	17				
66/ 65			.3	.2	.1	.2																								8	8				
64/ 62	.1	.4	.2	.3																										10	10	11	9		
62/ 61	.1	.9	.8	.5	.1																									22	22	17	11		
60/ 59		1.0	.8	.1	.1	.1																								19	19	16	17		
59/ 57		.8	.4	.8	.3		.1																							22	22	16	7		
56/ 55	.1	.6	1.5	.5	.9	.2	.1																							35	35	19	18		
54/ 53	.1	1.5	.5	.3	.2	.2	.1																							27	27	19	18		
52/ 51	.5	.9	.6	.6	.6	.1																								26	26	38	29		
50/ 49	.3	1.1	.4	.3	.6	.2	.1																							27	27	29	25		
48/ 47	.1	2.5	.3	.2	.6																									35	35	25	25		
46/ 45	.5	1.6	1.3	.6	.6	.1																								45	45	37	31		
44/ 43	.1	1.9	1.4	1.4	.2	.4																								51	51	35	29		
42/ 41	.1	1.2	1.7	1.6	.3	.3																								51	51	37	21		
40/ 39	.4	1.6	1.6	.6	1.1	.1																								50	50	47	25		
38/ 37	.5	1.2	1.3	2.4	1.1	.2																								63	63	55	35		
36/ 35	1.0	1.5	2.0	2.5	.5																									70	70	51	40		
34/ 33	.2	1.8	2.0	2.0	.5																									62	62	54	45		
32/ 31		2.9	3.1	1.8	.2																									75	75	74	35		
30/ 29	.2	1.7	2.4	1.3																										54	54	68	49		
28/ 27	.1	2.7	1.9	1.8																										61	61	69	38		
26/ 25	.1	1.5	2.2	.4																										39	39	75	52		
24/ 23		1.0	1.0	.2																										20	20	51	33		
22/ 21	.3	.3	.8	.2																										15	15	39	49		
20/ 19	.3	.8	.3																											13	13	19	74		
18/ 17			.4																											4	4	11	31		
16/ 15			.4																											4	4	4	32		
14/ 13		.1	.1																											2	2	5	41		
12/ 11																																5		37	
10/ 9																																		35	
8/ 7																																		16	
6/ 5																																		6	
Element (X)	ΣX^2	ΣX	Σ	σ_x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13713 STATION SEYMOUR-JOHNSON AFB NC STATION NAME 68-70, 73-79 YEARS JAN MONTH

PAGE 7 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			
4/ 3																					3			
2/ 1																					2			
0/ -1																					5			
-2/ -3																					5			
-4/ -5																					4			
-6/ -7																					1			
TOTAL	5.4	32.2	30.0	21.3	0.4	2.5	.3											930	930	930				

Element (X)	Σx'	Σx	X	Σx	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	4743854	64746	69.2	17.723	930							
Dry Bulb	1610789	37103	39.9	11.854	930		28.7	2.0				93
Wet Bulb	1354902	33760	36.3	11.781	930		42.0					93
Dew Point	1043029	27839	29.9	15.024	930	1.5	54.8					93

28750
 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

13713 SEYMOUR-JOHNSON AFB NC 60-77, 73-79 YEARS MONTH JAN ALL

PAGE 1 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	> 31	Dry Bulb	Wet Bulb	Dew Point
82/ 21																		3	3	
77/ 72																		5	5	
70/ 77																		12	12	
76/ 75																		19	19	
74/ 73																		28	28	
72/ 71																		47	47	
70/ 69																		64	64	5
60/ 67																		92	92	9
66/ 65																		130	130	68
64/ 63																		142	142	103
62/ 61																		173	173	146
60/ 59																		186	186	117
58/ 57																		197	197	68
56/ 55																		241	241	173
54/ 53																		221	221	180
52/ 51																		245	245	238
50/ 49																		230	230	180
48/ 47																		301	301	201
46/ 45																		396	396	307
44/ 43																		420	420	282
42/ 41																		419	418	390
40/ 39																		441	441	413
38/ 37																		416	416	413
36/ 35																		465	465	469
34/ 33																		441	441	445
32/ 31																		512	512	481
30/ 29																		387	387	509
28/ 27																		345	345	489
26/ 25																		261	261	493
24/ 23																		180	180	340
22/ 21																		157	157	268
20/ 19																		134	134	197
18/ 17																		48	48	115
16/ 15																		39	39	91
Element (X)	ΣX^2	ΣX		\bar{X}	σ_x	No. Obs.		Mean No. of Hours with Temperature						Total						
Rel. Hum.								$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$							
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AWP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1973 SEYMOUR-JOHNSON AFB NC 68-70, 73-79 JAN
 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			
14/ 13		.1	.1															18	18	36	300			
12/ 11		.1	.0															13	13	26	260			
10/ 9		.0	.0															3	3	6	245			
8/ 7		.0																3	3	6	162			
6/ 5		.0																2	2	4	103			
4/ 3																				2	66			
2/ 1																					62			
0/ -1																					59			
-2/ -3																					51			
-4/ -5																					25			
-6/ -7																					15			
-8/ -9																					9			
TOTAL	6.2	30.2	23.6	17.6	11.1	1.1	5.9	3.7	1.4	.6	.2	.1					7440	7447	7441	7440				

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.	35701173	492177	66.2	20.553	7440							
Dry Bulb	13945544	307162	41.3	13.037	7440		210.2	27.5	6.5	.3		744
Wet Bulb	1307230	275176	37.0	12.322	7440		307.0	2.2				744
Dew Point	3374675	220539	29.6	15.717	7440	15.9	440.1	.9				744

28760
 USAFETAC FORM 0-26-5 (OL A)
 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17713
 STATION

SEYMOUR-JOHNSON AFB NC
 STATION NAME

68-70, 73-79
 YEARS

FEB
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																	
72/ 71		.1																															1	1				
71/ 69		.2																																2	2	3	7	
66/ 65	.2	.7	.4																															11	11	2	7	
64/ 63	.1	.5	.1																															6	6	7	7	
62/ 61	.2	.5	.5																																10	10	9	7
61/ 59	.8	.2	.8							.4																									22	22	13	12
55/ 57		.8	1.3	.6	.6																														28	28	14	8
56/ 55	.1	.9	.1	.1	.2																														13	13	14	11
54/ 53	.2	.7	.4	.4	.7	.5	.1																												25	25	21	19
52/ 51	.4	.8	1.4	.8	.1	.1																													31	31	12	15
53/ 49	.2	1.2	.7	1.3	.4																														32	32	27	13
48/ 47		1.4	.7	.7	.8	.1																													32	32	25	13
46/ 45	.1	1.2	1.3	1.5	1.7	.1																													50	50	33	28
44/ 43	.2	.7	1.8	1.8	.7	.1																													45	45	22	21
42/ 41	.1	1.5	1.1	1.2	1.7	.1																													48	48	35	19
40/ 39	.4	2.0	2.6	.5	.9																														54	54	55	26
38/ 37	.2	2.5	1.9	1.7	1.3	.1																													65	65	61	37
36/ 35	.6	2.2	3.1	2.7	1.5	.1																													81	81	63	56
34/ 33	.1	1.2	2.8	1.9	.4	.1																													55	55	55	38
32/ 31	.6	2.2	1.9	1.3	.5																														54	54	71	55
33/ 29	.7	1.5	1.8	1.9																															49	49	68	37
28/ 27	.9	.7	2.5	1.3	.4																														49	49	56	51
26/ 25	.1	2.7	.7	.4																															33	33	44	64
24/ 23		.8	.5	.1																															12	12	60	30
22/ 21	.2	.8	.9	.1																															18	18	26	33
20/ 19	.2	.9	.5																																14	14	16	49
18/ 17		.5																																	4	4	18	44
16/ 15																																					5	31
14/ 13		.1																																	1	1		32
12/ 11	.1																																		1	1	2	23
10/ 9																																						18
8/ 7																																						21
6/ 5																																						9
4/ 3																																						8
Element (X)	Σ X ²	Σ X	X	σ _x	No. Obs.	Mean No. of Hours with Temperature																																
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total																										
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13-13 SEYMOUR-JOHNSON AFB NC

65-70, 73-79

FEB
MONTH

PAGE 1 0300-3500
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		a 31	Dry Bulb	Wet Bulb	Dew Point
72/ 71		.2															7	2	1	1	
71/ 69		.1															1	1	1	2	
70/ 67		.2															2	2	1	2	
68/ 65		.1															1	1	3	3	
64/ 63	.4	.4	.4														9	9	3	3	
62/ 61	.2	.6	.2	.1													10	17	6	5	
59/ 59	.4	.6	.4		.1												12	12	12	4	
56/ 57	.4	1.4	.8	.1	.1	.1											25	25	14	15	
56/ 55	.1	.4	.7	.1	.2	.2											15	15	15	12	
54/ 53	.1	.5	.1	.6	.2	.4	.1										17	17	15	13	
52/ 51	.2	.6	.4	.2	.2												14	14	11	0	
51/ 49	.7	1.4	1.2	1.5	.1												42	42	16	21	
48/ 47	.4	1.9	.7	.5													29	29	25	9	
46/ 45	.6	.9	1.4	.1	.1	.1											28	28	41	18	
44/ 43		1.3	1.3	.2	.6												29	29	32	22	
42/ 41	.9	1.7	2.1	1.8	.7												57	57	30	26	
41/ 39	.2	1.5	1.7	1.9	.6												50	50	33	26	
38/ 37	1.1	2.5	3.1	1.4	.9												72	72	47	34	
36/ 35	1.2	1.4	1.9	2.4	.6												60	60	69	58	
34/ 33	.2	1.9	3.4	2.0	.4												67	67	56	32	
32/ 31	1.1	4.4	3.3	.9													85	85	73	43	
30/ 29	.5	1.1	1.2	1.6													38	38	79	43	
28/ 27	.9	1.4	2.8	1.5													57	57	62	59	
26/ 25	.4	1.4	1.7	.6													7	36	36	59	
24/ 23	.2	1.5	1.4	.2													29	29	61	30	
22/ 21	.6	.7	.9	.1													22	22	41	46	
20/ 19	.4	1.2	1.1														22	22	23	43	
18/ 17	.1	.7															7	7	23	40	
16/ 15	.1	.3															3	3	13	32	
14/ 13	.4	.2															5	5	4	38	
12/ 11																			1	28	
10/ 9																				16	
8/ 7																				20	
6/ 5																				9	
Element (X)	ΣX^2	ΣX	X	σ_x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						$\leq 9 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17713 SEYMOUR-JOHNSON AFB NC
STATION STATION NAME

68-70, 73-79 YEARS

FEB MONTH

PAGE 2 0200-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
4/ 3																					5	
7/ 1																					17	
10/ -1																					4	
-2/ -3																					7	
-4/ -5																					2	
TOTAL	11.5	32.5	31.8	19.4	4.5	1.2	.1											846	846	846		
Element (X)	Zx'	Zx	X	X'	No. Obs.		Mean No. of Hours with Temperature							Total								
Rel. Hum.	4676492	61110	72.2	17.6	846	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	84										
Dry Bulb	1292689	31739	37.5	10.9	846		30.2	.5				84										
Wet Bulb	1110211	29187	34.5	11.0	846		41.3	.3				84										
Dew Point	866583	24321	28.7	14.0	846	.8	52.8	.3				84										

FORM NO. 26-5 (OL A)
USAFETAC
2878

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12713 SEYMOUR-JOHNSON AFB NC

63-70, 73-79

FEB
 MONTH

PAGE 1 2620-0800
 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
74/ 73		.1																1	1		
72/ 71		.2																2	2		3
68/ 67		.5																4	4		
66/ 65	.1	.6	.1															7	7	7	7
64/ 63	.1	.1	.4															5	5	5	3
62/ 61	.4	.7	.1															10	11	5	5
60/ 59	.6	1.1	.5	.1														19	19	17	13
56/ 57	.5	.6	.2															11	11	11	13
56/ 55	.1	.2	.4		.4													9	9	11	9
54/ 51	.2	1.4	.1	.5	.2	.1												22	22	14	7
52/ 51	.2	.4	.4	.7	.5													18	18	15	14
50/ 49	.4	.9	.5	.1	.4													19	19	7	16
48/ 47	1.1	1.4	1.1	.4														33	33	32	18
46/ 45	.4	1.7	1.7	.9	.1													36	36	28	19
44/ 43	.2	.6	1.1	.6														21	21	31	9
42/ 41	.2	2.2	1.4	.7														39	39	33	27
40/ 39	.9	2.1	2.4	1.1	.6													60	60	39	55
38/ 37	.8	2.5	1.9	1.5	.2													59	59	36	35
36/ 35	1.1	2.1	3.2	2.5	.2	.1												78	78	61	47
34/ 33		2.6	3.8	1.7	.5													72	72	56	28
32/ 31	.7	4.3	2.1	1.2	.1	.2												73	73	76	43
30/ 29	1.1	.9	3.2	.9	.1													53	53	84	51
28/ 27	.7	2.4	1.4	.8														45	45	55	56
26/ 25	.4	1.9	3.1	.5														49	49	62	52
24/ 23		1.1	.9	.7														23	23	42	45
22/ 21	.7	.7	1.3	.1														24	24	42	48
20/ 19	.6	1.8	1.5															33	33	32	46
18/ 17	.1	.5	.5															9	9	20	32
16/ 15	.2	.4																5	5	20	27
14/ 13	.1	.2																3	3	7	38
12/ 11	.4																	3	3	3	34
10/ 9	.1																	1	1	1	20
8/ 7																					14
6/ 5																					8
Element (X)	ΣX ²	ΣX	X	%	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13713 SEYMOUR-JOHNSON AFB NC 68-77, 73-75 FF3
 STATION STATION NAME YEARS MONTH

PAGE 2 0609-0800
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
4/ 3																						3														
2/ 1																						16														
0/ -1																						5														
-2/ -3																						2														
-4/ -5																						2														
TOTAL	12.4	36.2	33.1	14.5	3.3	.5												846	846		846															

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						$\leq 0 F$	$\leq 32 F$	$= 67 F$	$= 73 F$	$\geq 80 F$	$\geq 93 F$	Total
Rel. Hum.	4833055	62257	73.6	17.2	846							
Dry Bulb	1247887	31067	36.7	11.2	846		31.9	.7	.1			84
Wet Bulb	1087558	28748	34.0	11.4	846		43.9	.3				84
Dew Point	863972	24128	28.5	14.4	846	.9	54.4	.3				84

28790
 USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13713 SEYMOUR-JOHNSON AFB NC

66-70, 73-79

FEB
 MONTH

PAGE 1 0900-1100
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	≥ 31	Dry B lb	Wet Bulb	Dew Point
70/ 79				.1														1	1	
78/ 77			.1															1	1	
76/ 75			.1			.2												3	3	
74/ 73		.1																1	1	2
72/ 71		.1		.1		.2		.1										5	5	4
70/ 69		.2	.4	.1					.1									7	7	2
68/ 67	.1	.5	.6		.4		.1											14	14	4
66/ 65	.4	.1	.4	.1		.2	.2											12	12	7
64/ 63	.1	.7	.4	.4	.1	.1												15	15	9
62/ 61	.2	.2	.8	.7	.7	.1	.1	.4										28	28	11
60/ 59	.2	.4	.4	.4	.2	.6	.2	.1	.1									22	22	6
58/ 57	.1	.8	.5	.5	.8	.5	.4	.1										31	31	11
56/ 55		.2	.6	.4	.7	.8	.4	.2										28	28	17
54/ 53	.1	.7	.5	.4	.9	.6	.4											30	30	12
52/ 51	.1	.6	.7	.5	.9	.6	.7	.1										32	32	13
50/ 49	.2	.7	.9	.7	1.3	.9	.5											47	47	20
48/ 47	.4	.4	.9	1.3	1.3	1.3	.2											49	49	21
46/ 45	.1	.9	1.2	1.1	2.1	.8	.4											56	56	19
44/ 43		.9	1.4	1.7	1.8	.8												56	57	17
42/ 41	.4	.5	.9	2.1	1.9	.7	.1											56	56	26
40/ 39	.2	1.5	1.5	2.1	1.3	.8												64	64	36
38/ 37	.7	1.5	1.2	1.5	2.0	.2												61	62	27
36/ 35		.7	.7	1.4	1.8	.1												40	40	33
34/ 33	.1	.4	1.7	.7	1.1	.1												34	34	43
32/ 31	.5	.9	.9	2.6	.9	.1												51	51	60
30/ 29	.1	1.1	.8	1.4	.4													32	32	32
28/ 27		.4	.9	1.8														26	26	41
26/ 25	.1	.4	1.2	.8														21	21	58
24/ 23		.2	.4	.9														13	13	40
22/ 21			.2	.1														3	3	41
20/ 19		.5																4	4	35
18/ 17		.1																1	1	30
16/ 15																				29
14/ 13																				28
Element (X)	Z _X ²	Z _X	X̄	σ _X	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13713 SEYMOUR-JOHNSON AFB NC 68-77, 73-79 YEARS FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
11/ 11																					38			
11/ 9																					21			
8/ 7																					8			
6/ 5																					16			
4/ 3																					9			
2/ 1																					10			
0/ -1																					4			
-2/ -3																					3			
-4/ -5																					2			
-6/ -7																					2			
TOTAL	4.3	15.9	20.4	23.9	20.5	10.1	3.7	1.1	.2									844	846	844	844			

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	
Rel. Hum.	3416282	50926	60.3	20.185	844							
Dry Bulb	1754478	37262	44.0	11.578	846		15.0	3.2	.6			84
Wet Bulb	1374041	32661	38.7	11.430	844		26.5	.9	.7			84
Dew Point	960534	25300	30.0	15.465	844	1.2	50.6	.8				84

28910
 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

13713 STATION SEYMOUR-JOHNSON AFB NC STATION NAME 68-73,73-79 YEARS FEB MONTH
 PAGE 1 1230-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
82/ 81					.1	.1																										2	2		
80/ 79				.1							.2						.1															4	4		
76/ 77			.1		.1		.2	.1	.1																						7	7			
76/ 75				.1	.1						.4	.2					.1														8	8			
74/ 73				.4		.1	.1	.1								.1	.2														13	10	4		
72/ 71		.1			.2	.1	.5	.2																							10	17	2		
70/ 69		.5	.4	.2	.2	.6	.4	.1	.2	.1																					23	23	3	3	
68/ 67		.6	.1	.4	.4	.4	.4	.4	.4	.4																					25	25	4	3	
66/ 65	.1	.4	.1	.4	.2	.5	.8	.4	.6	.4																					32	32	13	8	
64/ 63	.5	.2	.5	.1	.2	.4	.4	.5	.2	.7																					31	31	19	14	
62/ 61		.2	.1	.7	.7	.5	.5	1.5	.7	.2																					44	44	14	5	
60/ 59		.4	.2	.7	.4	.6	.7	.9	.7																						36	36	24	5	
58/ 57		.7	.2	.9	.8	.4	1.1	1.2	.5																						45	45	22	13	
56/ 55		.4	.7	.2	.9	.7	.8	1.5	.1																						46	46	26	16	
54/ 53		.1	.5	.9	.2	1.1	1.2	.8																							37	37	38	14	
52/ 51	.4	.5	.4	.2	.4	1.2	2.5	.1																							47	47	24	28	
50/ 49	.2	.4	.5	.5	.8	1.4	2.1	.1																							51	51	44	22	
48/ 47		.2	.4	.7	.8	1.6	1.1	.6																							47	47	47	22	
46/ 45			.6	.7	.8	1.2	1.1																								42	42	37	18	
44/ 43		.5	1.2	.9	.5	1.4	.8																								45	45	53	20	
42/ 41	.2	.6	.5	.7	1.4	1.4	.4																								44	44	68	25	
40/ 39	.2	.6	.8	.7	.9	1.8	.1																								44	44	64	20	
38/ 37		1.2	.4	.6	1.7	1.8	.2																								49	49	63	29	
36/ 35			.5	.6	1.4	.8																									28	28	49	37	
34/ 33	.1	.2	.5	.7	1.4	.2																									27	27	44	44	
32/ 31	.4	.6	.6	1.3	.8																										29	29	46	44	
30/ 29		.1	.5	.8	.6																										17	17	41	43	
28/ 27	.1		.1	.5	.1																										7	7	42	34	
26/ 25		.2		.2																											4	4	31	44	
24/ 23																															2	2	17	46	
22/ 21	.1	.2																													3	3	19	51	
20/ 19																																	2	36	
18/ 17																																		31	
16/ 15																																		22	
Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13713 SEYMOUR-JOHNSON AFB NC

68-72,73-79

YEARS

FEE

MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
14/ 13																						19		
12/ 11																							32	
10/ 9																							13	
8/ 7																							27	
6/ 5																							17	
4/ 3																							8	
2/ 1																							4	
0/ -1																							9	
-2/ -3																							4	
TOTAL	2.6	8.9	9.5	13.1	16.4	19.7	15.4	8.6	4.1	2.0	.5											846	346	
Element (X)	Σ X'	Σ X		X	C_x	No. Obs.		Mean No. of Hours with Temperature							Total									
Rel. Hum.	2476408	42066		49.7	21.338	846		≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F											
Dry Bulb	2267681	42553		50.3	12.274	846			6.2	8.8	3.1	.3		84										
Wet Bulb	1606479	35617		42.1	11.252	846			18.8	1.6	.4			64										
Dew Point	983753	25583		30.2	15.769	846			1.3	49.6	.8			64										

2892
 USAFETAC FORM 0-26-5 (O.L.A.)
 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12713 SEYMOUR-JOHNSON AFB NC
STATION STATION NAME

66-70, '3-79
YEARS

FEB
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		*31	Dry Bulb	Wet Bulb	Dew Point
86/ 85							.1										1	1		
82/ 81						.1											1	1		
77/ 79							.2						.4				5	5		
73/ 77				.1			.1	.2	.1								5	5		
76/ 75							.2	.4	.2				.2				9	9		
74/ 73				.2		.1		.2					.4				8	8	1	
72/ 71			.5			.4	.4	.5					.1				15	15	2	
72/ 69		.2	.2		.2	.7	.6	.1	.4	.7							27	27	2	
68/ 67		.6	.6	.4	.2	.8	.5	.4	.1	.5							34	34	9	
66/ 65	.4		.2	.2	.6	.5	.2	.2	.8	1.3			.1				39	39	12	
64/ 63	.2		.2	.4	.6	.7	.2	.6	1.1	.4							39	39	16	
62/ 61		.1	.2	.5	.7	.4	.6	.9	1.3	.5							45	45	11	
57/ 59		.6	.1	.2	.4	.4	.7	.9	1.4	.2							42	42	29	
58/ 57	.1	.8	.1	.4	.5	.6	.6	1.3	.5								41	41	29	
56/ 55	.4	.4	.4	.4	.6	.6	.4	2.1	.1								41	41	33	
54/ 53	.1	.5	.5	.4	.8	1.1	1.1	1.3	.1								48	48	33	
52/ 51	.2	.1	.1	.6	.6	1.2	1.3	1.3									41	41	29	
50/ 49	.4	.4	.4	.8	.9	2.2	1.7	2.4									77	77	37	
48/ 47		.1	.4	.4	.9	1.4	.7	.6									38	38	51	
46/ 45			1.4	.2	.2	1.3	.9	.2									35	35	45	
44/ 43		.2	.5	.4	.4	1.5	.9	.1									30	30	60	
42/ 41	.1	.4	.5	1.4	1.2	1.4	.6										47	47	64	
41/ 39	.2	1.1	.4	.4	1.3	2.5	.8										56	56	61	
39/ 37	.2	.7	.4	.6	1.5	.2											28	28	65	
36/ 35		.9		.9	1.4	.8											35	35	49	
34/ 33	.2	.5	.2	.7	1.4	.6											31	31	51	
32/ 31	.1	.4	.1	.6	.2												12	12	39	
30/ 29			.1	.4	.2												6	6	49	
28/ 27				.1													1	1	39	
26/ 25		.6															5	5	22	
24/ 23		.2															2	2	12	
22/ 21	.2																2	2	4	
20/ 19																			57	
18/ 17																			31	
Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total								
Dry Bulb																				
Wet Bulb																				
Dew Point																				

FORM 10-64 0-26-5 (OLA) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13713 SEYMOUR-JOHNSON AFB NC 68-77, 73-79 FEB
STATION STATION NAME YEARS MONTH
PAGE 2 1500-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	O.B. W.B.	Dry Bulb	Wet Bulb	Dew Point				
16/ 15																						34			
14/ 13																						20			
12/ 11																						17			
10/ 9																						27			
8/ 7																						24			
6/ 5																						16			
4/ 3																						10			
2/ 1																						7			
0/ -1																						10			
-2/ -3																						4			
TOTAL	3.0	8.7	7.6	9.0	13.6	20.8	13.3	13.8	6.5	3.5	.7	.9										846			
																						846			

Element (X)	Z _x ¹	Z _x	X	°s	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	2299279	39823	47.1	22.420	846							
Dry Bulb	2397275	43885	51.9	11.957	846		2.9	10.4	2.7	.5		84
Wet Bulb	1651633	36243	42.8	10.828	846		15.5	1.3	.1			84
Dew Point	968418	25274	29.9	15.890	846	1.4	50.2	.5				84

2893
 FORM 0-26-5 (OLA)
 SAFETAC
 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17713 SEYMOUR-JOHNSON AFB NC

68-70, 73-79

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1890-2703
HOURS U. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
70/ 77				.1														1	1																
74/ 73			.1	.1			.2			.1								5	5																
77/ 71					.2	.1	.1											4	4	1															
77/ 69					.3	.1		.2	.4									5	6	1	1														
67/ 67		.1	.4	.2	.1	.4		.1										11	11	1	1														
66/ 65	.2	.7	.1	.4	.6	.1	.4											21	21	5	3														
64/ 63	.5	.6	.2	.6	.7	.4	.1											26	26	16	10														
62/ 61		.4	.4	.7	.5	.1	.5	.4	.2									26	26	12	10														
61/ 59		.5	1.3	.9	1.2	.4	.4	.7	.2									43	43	16	4														
58/ 57	.4	.5	.4	.8	.4	.9	.7	.7	.2									38	38	24	13														
56/ 55	.2	.9	.4	.7	.2	.8	1.3	.1	.1									41	41	28	24														
54/ 53	.4	.7	.2	.4	.6	.8	1.7	.2										42	42	31	19														
52/ 51		.1	.7	.8	.9	1.4	.9	.2										43	43	30	25														
51/ 49	.5	.5	.2	1.1	1.8	1.5	.8											54	54	24	15														
48/ 47	.1	.1	.4	1.2	1.4	1.9	1.1	.1										53	53	23	22														
46/ 45		.6	1.5	1.5	1.5	1.4	.5											60	60	41	16														
44/ 43		.2	1.1	.9	1.5	2.0												49	49	58	17														
42/ 41	.4	.2	.7	.9	1.5	1.2	.2											44	44	65	16														
41/ 39	.1	.2	1.5	1.1	1.9	.8												48	48	59	26														
38/ 37	.6	.8	.9	1.3	1.1	1.6												55	55	64	27														
36/ 35	.2	1.4	.6	.9	2.2	.7												52	52	66	45														
34/ 33	.4	.4	.5	1.8	.8	.4												35	35	67	48														
32/ 31	.1	.6	.9	1.9	.8													37	37	37	45														
30/ 29	.1	.1	1.4	1.1	.6													28	28	43	54														
28/ 27		.2	.5	.5														10	10	50	49														
26/ 25		.1	.6	.5														10	10	38	44														
24/ 23	.1	.1	.1															3	3	26	35														
22/ 21																				12	33														
20/ 19		.1																1	1	2	48														
18/ 17																				1	34														
16/ 15																					38														
14/ 13																					31														
12/ 11																					22														
10/ 9																					16														

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 34 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13713 SEYMOUR-JOHNSON AFB AC 68-73-70 FEB 1900-2000
 STATION STATION NAME YEARS MONTH HOURS (L. S. T.)

PAGE 1800-2000

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
6/ 7																					
6/ 5																					
4/ 3																					
2/ 1																					
1 -1																					
TOTAL	4.3	10.3	15.1	20.3	22.9	16.5	6.7	3.7	1.1	.2								846	846	846	

Element (X)	$\Sigma x'$	Σx	Σx^2	\bar{x}	No. Obs.	Mean No. of Hours with Temperature						
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total
Rel. Hum.	2989643	47147	55.720.703		846							
Dry Bulb	1945984	39494	46.711.002		846		8.8	2.7	.6			64
Wet Bulb	1462663	33997	40.210.685		846		20.8	.3				24
Dew Point	960563	25529	30.215.003		846	1.0	50.0	.2				64

2894
 USAFETAC FORM 0-26-5 (O.L.A.) REVISI PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13713 SEYMOUR-JOHNSON AFB NC
STATION STATION NAME

68-79, 73-79
YEARS

FEB
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	Dry Bulb	Wet Bulb	Dew Point																	
72/ 71			.2																																		
71/ 69		.1																																			
68/ 67				.4	.1																																
66/ 65	.1	.6	.2	.1	.1																																
64/ 63	.4		.2	.6				.1																													
62/ 61	.1	1.1	1.1	.2			.1	.1																													
60/ 59	.4	1.2	1.2		.2	.2	.1																														
58/ 57		.6	.6	.7	.7																																
56/ 55		1.2	.7	1.5	.2	.5	.4																														
54/ 53	.1	.4	.8	.5	.5	.7	.5																														
52/ 51	.6	.5	.8	.5	.8	.2	.8																														
50/ 49	.7	1.3	.5	1.5	.9	.1																															
48/ 47	.4	1.2	.6	1.8	2.7	.1																															
46/ 45		.4	.8	1.3	1.1	.6																															
44/ 43		.4	2.4	.8	1.7	.5																															
42/ 41	.4	.6	1.8	1.1	1.5	.6																															
40/ 39	.2	2.0	2.2	2.0	1.2	.5	.1																														
38/ 37	.5	1.1	1.8	1.5	1.1																																
36/ 35	.7	1.2	2.5	1.8	1.4																																
34/ 33	.2	.6	2.8	1.4	1.1																																
32/ 31	.1	1.4	1.5	1.4	.6																																
30/ 29	.6	.5	3.4	1.1	.7																																
28/ 27	.4	.6	1.9	1.1																																	
26/ 25	.2	.8	.7	.4																																	
24/ 23		.5	.7	.2																																	
22/ 21		.5	.2	.1																																	
20/ 19		.8																																			
18/ 17		.1																																			
16/ 15																																					
14/ 13																																					
12/ 11																																					
10/ 9																																					
8/ 7																																					
6/ 5																																					
Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature																															
Rel. Hum.						≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																									
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13713
 STATION

SEYMOUR-JOHNSON AFB NC
 STATION NAME

68-70, 73-79
 YEARS

FEB
 MONTH

PAGE 1

ALL
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																								TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-6	17-18	19-20	21-22	23-24	25	26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point								
86/ 85																			1		1									
82/ 81																			3		3									
79/ 79																			10		10									
78/ 77																			14		14									
76/ 75																			20		20									
74/ 73																			25		25	7								
72/ 71																			41		41	9								
70/ 69																			67		67	13								
68/ 67																			94		94	24								
66/ 65																			133		133	58								
64/ 63																			142		142	79								
62/ 61																			196		196	79								
60/ 59																			224		224	142								
58/ 57																			241		241	152								
56/ 55																			231		231	165								
54/ 53																			250		250	183								
52/ 51																			255		255	171								
50/ 49																			365		365	212								
48/ 47																			341		341	267								
46/ 45																			342		342	293								
44/ 43																			323		324	338								
42/ 41																			385		385	395								
40/ 39																			446		446	444								
38/ 37																			442		443	463								
36/ 35																			438		438	484								
34/ 33																			373		373	445								
32/ 31																			384		384	439								
30/ 29																			275		275	481								
26/ 27																			228		228	383								
26/ 25																			176		176	338								
24/ 23																			96		96	276								
22/ 21																			79		79	188								
20/ 19																			82		82	102								
18/ 17																			22		22	78								
Element (X)	Z _X ¹	Z _X		X	e _X	No. Obs.	Mean No. of Hours with Temperature					Total																		
Rel. Hum.							≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																		
Dry Bulb																														
Wet Bulb																														
Dew Point																														

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

58-70, 73-79
YEARS

FEB
MONTH

PAGE 2

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb	Dew Point
10/ 15	.1	.1																8	8	4.7	245
14/ 13	.1	.1																9	9	1.1	253
17/ 11	.1																	4	4	6	223
20/ 9	.0																	1	1	1	159
8/ 7																					137
6/ 5																					87
4/ 3																					67
2/ 1																					72
1/ -1																					51
-2/ -3																					16
-4/ -5																					7
-6/ -7																					2
TOTAL	6.3	20.2	22.2	21.7	5.1	3.9	9.4	5.2	3.3	1.5	.7	.1	.1					6766			6766
																		6766			6756

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Num.						≤ 0 F	≤ 32 F	≥ 47 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	13939557	295187	43.6	12.545	6768		135.4	27.3	7.2	.8		672
Wet Bulb	10794954	258836	38.3	11.490	6766		232.7	5.3	.7			672
Dew Point	7467189	200937	29.7	14.889	6766	7.5	408.8	3.4				672

2896
 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

17713 SEYMOUR-JOHNSON AFB NC 68-7C, 73-79 MA J
STATION STATION NAME YEARS MONTH

PAGE 1 2190-0290
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
74/ 73				.3														3	3						
72/ 71		.1																1	1		1				
70/ 69	.1	.2	.3	.3	.2	.1												12	12	4	2				
68/ 67	.1	.3	.5	.5	.4	.1		.1										15	15	4	2				
66/ 65	.1	.4	.7	.7	.6	.2	.1											29	29	18	13				
64/ 63	.1	1.0	1.3	1.1	.8	.3		.1										24	24	19	10				
62/ 61	.1	1.4	1.7	1.4	1.0	.5	.3											45	45	27	31				
60/ 59	.1	1.8	2.1	1.7	1.2	.6	.4	.2										44	44	42	28				
58/ 57	.1	2.2	2.5	2.0	1.4	.8	.5	.2	.2									37	37	29	38				
56/ 55	.1	2.6	2.9	2.2	1.5	.9	.6	.3	.2	.2								70	70	39	33				
54/ 53	.1	3.0	3.3	2.4	1.6	1.0	.6	.4	.2	.2								44	44	44	20				
52/ 51	.1	3.4	3.7	2.6	1.7	1.1	.7	.4	.3	.2								52	52	46	36				
50/ 49	.1	3.8	4.1	2.8	1.8	1.2	.8	.5	.3	.2								91	91	65	51				
48/ 47	.1	4.2	4.5	3.0	1.9	1.3	.9	.6	.4	.2								70	77	55	36				
46/ 45	.1	4.6	4.9	3.2	2.0	1.4	1.0	.7	.5	.3								72	72	76	61				
44/ 43	.1	5.0	5.3	3.4	2.1	1.5	1.1	.8	.6	.4								55	55	64	66				
42/ 41	.1	5.4	5.7	3.6	2.2	1.6	1.2	.9	.7	.5								53	53	79	41				
40/ 39	.1	5.8	6.1	3.8	2.3	1.7	1.3	1.0	.8	.6								45	49	56	35				
38/ 37	.1	6.2	6.5	4.0	2.4	1.8	1.4	1.1	.9	.7								50	50	58	48				
36/ 35	.1	6.6	6.9	4.2	2.5	1.9	1.5	1.2	1.0	.8								46	46	48	64				
34/ 33	.1	7.0	7.3	4.4	2.6	2.0	1.6	1.3	1.1	.9								37	37	60	52				
32/ 31	.1	7.4	7.7	4.6	2.7	2.1	1.7	1.4	1.2	.9								28	28	37	61				
30/ 29	.1	7.8	8.1	4.8	2.8	2.2	1.8	1.5	1.3	1.0								7	7	31	29				
28/ 27	.1	8.2	8.5	5.0	2.9	2.3	1.9	1.6	1.4	1.1										23	43				
26/ 25	.1	8.6	8.9	5.2	3.0	2.4	2.0	1.7	1.5	1.2										7	34				
24/ 23	.1	9.0	9.3	5.4	3.1	2.5	2.1	1.8	1.6	1.3										3	28				
22/ 21	.1	9.4	9.7	5.6	3.2	2.6	2.2	1.9	1.7	1.4											21				
20/ 19	.1	9.8	10.1	5.8	3.3	2.7	2.3	2.0	1.8	1.5											12				
18/ 17	.1	10.2	10.5	6.0	3.4	2.8	2.4	2.1	1.9	1.6											12				
16/ 15	.1	10.6	10.9	6.2	3.5	2.9	2.5	2.2	2.0	1.7											20				
14/ 13	.1	11.0	11.3	6.4	3.6	3.0	2.6	2.3	2.1	1.8											4				
12/ 11	.1	11.4	11.7	6.6	3.7	3.1	2.7	2.4	2.2	1.9											1				
10/ 9	.1	11.8	12.1	6.8	3.8	3.2	2.8	2.5	2.3	2.0											3				
6/ 5	.1	12.2	12.5	7.0	3.9	3.3	2.9	2.6	2.4	2.1											3				
Element (X)	Σx ²	Σx	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 AR 64 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17713 SEYMOUR-JOHNSON AFB NC

68-72, 73-79

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 2 0000-9200
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
TOTAL	7.8	29.0	28.9	17.8	10.8	3.5	1.6	.4										930	937	937	937
Element (X)	Σ X ²		Σ X		Σ		Σ		No. Obs.	Mean No. of Hours with Temperature						Total					
Rel. Hum.	5369096		68816		74.0		17.268		930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 9° F	Total					
Dry Bulb	2295018		45302		48.7		9.748		930		3.5	3.1	.3			93					
Wet Bulb	1971459		41791		44.9		10.033		930		10.3	.9				93					
Dew Point	1650759		37359		40.2		12.707		930		27.1	.5				93					

2897
 FORM 0-26-5 (OL A)
 USAFETAC
 REVISIONS PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13713
 STATION

SEYMOUR-JOHNSON AFB NC
 STATION NAME

68-70, 73-79
 YEARS

MAY
 MONTH

PAGE 1 1300-0500
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																								TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point									
76/ 75				.1																					1	1			
74/ 73				.1	.1																					2	2		
72/ 71		.2	.1																							3	3	2	2
70/ 69			.2	.1																						3	3	1	
68/ 67	.1	.1	.2																							5	5	4	1
66/ 65	.6	1.2		.3																						20	20	13	9
64/ 63	.3	1.6	.4	.6	.3																					31	31	20	17
62/ 61	.6	1.8	.3	.8	.1			.1																		35	35	21	22
60/ 59	.9	.5	1.2	.6	.1																					31	31	33	25
58/ 57	.9	.8	1.3	.6	.4			.1																		38	38	31	23
56/ 55	1.5	2.3	1.1	.9	.1	.1																				54	55	35	33
54/ 53	1.1	2.3	.9	1.0	.4	.3	.2																			57	57	59	40
52/ 51	.4	1.1	1.2	1.2	.5	.1	.1																			43	43	32	35
50/ 49	1.3	3.2	2.2	1.2	.5	.2	.1																			61	61	50	48
48/ 47	.5	1.9	1.1	1.6	.5	.2																				55	55	61	31
46/ 45	1.1	2.6	1.3	.3	.4	.3																				60	60	60	58
44/ 43	.9	1.9	1.5	1.3	.3	.1																				56	56	61	60
42/ 41	.5	2.2	2.2	1.3	.2																					59	59	60	36
40/ 39	.4	2.2	1.9	2.0	.1																					62	62	54	42
38/ 37		2.7	2.2	1.1	.3																					58	58	65	42
36/ 35	.4	2.9	1.2	1.8	.4																					63	63	62	60
34/ 33	.1	1.9	1.8	.8																						43	43	68	61
32/ 31	.4	1.5	1.0	.6																						33	33	39	48
30/ 29	.2	.6	1.6	.6																						29	29	47	43
28/ 27		.3	.1	.3																						7	7	29	39
26/ 25																												17	41
24/ 23																												6	25
22/ 21																													25
20/ 19																													21
18/ 17																													11
16/ 15																													15
14/ 13																													6
12/ 11																													6
10/ 9																													2
Element (X)	Σx'	Σx	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature						Total																	
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																	
Dry Bulb																													
Wet Bulb																													
Dew Point																													

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17713 SEYMOUR-JOHNSON AFB NC 68-77,73-79 MAR
 STATION STATION NAME YEARS MONTH

PAGE 2 7803-0500
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															
E/ 7																																				
TOTAL	12.4	36.1	24.9	19.3	5.2	1.6	.5	.1											930		920	6														
																	929		929																	

Element (X)	Σx'	Σx	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5858758	72172	77.7	16.475	929							
Dry Bulb	2119100	43398	46.7	10.057	930		6.9	1.4	.3			93
Wet Bulb	1867297	40521	43.6	10.373	929		14.0	.7				93
Dew Point	1606915	36755	39.6	12.929	929		28.6	.3				93

2898
 FORM 0-26-5 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC JAN 64

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13713 SEYMOUR-JOHNSON AFB NC 68-70, 73-79 YEAR MONTH
 STATION STATION NAME YEARS

PAGE 2 7600-0807
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
TOTAL	13.3	35.4	27.6	15.6	6.7	2.0																93.7		93.0	95.7											
																						93.7		93.0												

Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Num.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	5956178	72858	78.316	350	930		8.1	1.9	.1			9.2
Wet Bulb	2126539	43441	46.710	238	930		14.6	.9				9.3
Dew Point	1887908	40726	43.810	604	930		28.0	.6				9.3

2899
 USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

18713 SEYMOUR-JOHNSON AFB NC 68-70, 73-79 YEARS MAD MONTH

PAGE 1 3900-1100 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																
82/ 81						.1			.2																						3	5				
81/ 79						.2																										2	2			
78/ 77					.2				.3																							5	5			
76/ 75			.1	.1	.1			.6	.3	.2																						14	14			
74/ 73				.4	.1	.4	.2	.1								.1																13	13			
72/ 71		.1	.6	.2	.5	.6	.3	.1																								24	24	2	1	
70/ 69		.5	.9	.4	.9	.2	.1	.3	.3																							34	34	11	2	
68/ 67	.2	.6	1.2	.5	.4	.8	.9	.1	.3	.3																						44	44	18	12	
66/ 65	.5	.8	.2	1.1	.2	.8	.4	.1	.1																							44	44	33	25	
64/ 63	.1	1.0	.4	1.0	.3	.8	.9	.2	.1																							41	41	36	22	
62/ 61	.3	1.5	.8	.9	1.1	.8	.9	.1	.1																							55	55	37	19	
60/ 59	.2	1.5	.3	1.2	.6	.8	.6	.8	.8	.1																						57	57	47	26	
58/ 57	.4	1.5	.5	.8	.8	.8	1.1	.2																								56	56	52	45	
56/ 55	.9	1.2	.6	1.1	.8	1.3	.7	.4																								67	67	52	49	
54/ 53	.4	.6	1.1	.2	.9	.9	1.0	.5																								52	52	49	43	
52/ 51	.9	1.3	.6	1.8	1.1	1.2	1.0																									70	71	48	31	
50/ 49	.2	1.2	1.2	1.2	1.1	1.1	.8	.1																								63	63	56	45	
48/ 47	.9	2.0	.6	1.3	1.7	1.6	.6																									72	72	57	48	
46/ 45	.1	1.4	.9	.6	1.1	1.5	.3																									53	53	82	42	
44/ 43	.2	.3	.9	.6	1.4	1.2																										43	41	54	41	
42/ 41		.3	.5	.8	.8	.9																										30	30	57	44	
40/ 39	.2	.2	.4	.8	.8	.6																										27	27	45	42	
38/ 37		.6	.3	.1	1.1	.1																										21	21	52	33	
36/ 35	.2	.9	.3	.3	.8																											20	20	55	34	
34/ 33		.9	.1	.2	.3																											14	14	34	37	
32/ 31			.4	.4																												7	7	20	51	
30/ 29																																		15	37	
28/ 27																																	13	25		
26/ 25																																	3	37		
24/ 23																																			15	
22/ 21																																			29	
20/ 19																																			32	
18/ 17																																			22	
16/ 15																																			12	

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1 713 SEYMOUR-JOHNSON AFB NC
STATION STATION NAME

65-70, 73-79
YEARS

MAR
MONTH

PAGE 2 1970-1100
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				
14/ 13																					16				
12/ 11																					2				
8/ 7																					2				
2/ 5																					2				
TOTAL	5.2	18.5	12.4	16.1	16.7	16.2	10.3	3.7	1.1	.1	.1								937	928					
																	129		928						

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	4148369	58793	63.4	21.382	928	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	2869178	50732	54.6	10.454	930		.7	13.9	3.7	.4		93
Wet Bulb	2271872	44881	48.4	10.453	928		5.1	3.1				93
Dew Point	1753630	38058	41.0	14.423	928		29.0	1.3				93

2000
 USAFETAC FORM 0-26-5 (OLA)
 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AWP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13713 SEYMOUR-JOHNSON AFB NC 66-70, 73-79 YEARS MAD MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
88/ 87																		2	2						
86/ 85																		7	7						
84/ 83																		11	11						
82/ 81																		10	10						
80/ 79																		72	22						
78/ 77																		28	28						
76/ 75																		38	38						
74/ 73																		34	34						
72/ 71																		50	50	7					
70/ 69	.1	.5	.3	.4	.6	.4	1.1	.9	.8	.1	.2						46	48	24	4					
68/ 67	.3	.1	.4	.4	.6	1.1	.4	.3	.4	.6	.1	.2					42	42	35	16					
66/ 65	.1	.5	.4	.4	.6	1.1	.4	.3	.4	.6	.1	.2					39	39	44	17					
64/ 63	.2	.5	.4	.4	.6	1.1	.4	.3	.4	.6	.1	.2					57	57	43	24					
62/ 61		1.4	.8	.4	.6	1.1	.4	1.1	1.1	.1							70	70	49	22					
60/ 59		1.2	.9	.4	.6	1.1	1.1	2.2	.5	.2							69	69	54	29					
58/ 57	.4	.9	.4	.4	.6	1.1	1.4	2.1	.1								68	68	62	61					
56/ 55	.2	.5	.4	.4	1.0	.4	1.8	1.9	.1								61	61	42	48					
54/ 53	.1	.4	.5	.4	.6	.9	1.3	1.2									50	50	44	42					
52/ 51	.2	1.1	.4	.4	.6	1.1	1.2	1.1	.1								51	51	52	32					
50/ 49	.2	1.1	.4	.4	.6	1.1	1.2	.4									41	41	56	35					
48/ 47		1.5	.4	.4	.6	1.1	.9	.1									38	38	83	52					
46/ 45	.1	.4	.4	.4	.6	1.1	.5	.1									24	24	73	48					
44/ 43		.4	.4	.4	.6	1.1	.5	.1									20	20	49	38					
42/ 41		.4	.4	.4	.6	1.1	.5	.1									17	17	50	38					
40/ 39	.1	.4	.4	.4	.6	1.1	.5	.1									13	13	41	38					
38/ 37	.1	.4	.4	.4	.6	1.1	.5	.1									8	8	38	30					
36/ 35	.2	.4	.4	.4	.6	1.1	.5	.1									6	6	26	25					
34/ 33		.4	.4	.4	.6	1.1	.5	.1									5	6	26	29					
32/ 31																			12	46					
30/ 29																			6	54					
28/ 27																			2	34					
26/ 25																				37					
24/ 23																				25					
22/ 21																				24					
Element (X)	Z _X ²	Z _X	X	σ _X	No. Obs.	Mean No. of Hours with Temperature					Total														
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total													
Dry Bulb																									
Wet Bulb																									
Dew Point																									

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17713 SEYMOUR-JOHNSON AFB NC 68-70, 73-79 YEARS MAP MONTH
 STATION STATION NAME YEARS MONTH
 PAGE 2 1200-1400
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL			TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
2 / 19																					26
13 / 17																					3
16 / 15																					14
14 / 13																					13
12 / 11																					3
11 / 9																					3
8 / 7																					3
TOTAL	2.9	11.3	8.6	7.5	10.1	12.9	15.2	17.9	8.9	4.4	1.7	.3	.1	.1	.1	.1		930		930	
																		930		930	

Element (X)	Σx^1	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$						
Dry Bulb	3048291	48949	52.6	22.539	930			29.0	15.0	4.1		93
Wet Bulb	2536982	47658	51.2	10.099	930		2.0	6.6				93
Dew Point	1766951	38195	41.1	14.610	930		31.2	2.0				93

2801 FORM 0-26-5 (OLA) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13713 SEYMOUR-JOHNSON AFB NC

68-70, 73-79

MAR
MONTH

STATION

STATION NAME

YEARS

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B.-W.B.	TOTAL HOURS (L. S. T.)				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point																	
89/89																																		2	7		
87/87																																		2	4		
85/85																																		7	7		
83/83																																		10	10		
81/81																																		20	20		
79/79																																		23	23		
77/77																																		23	23		
75/75																																		53	53		
73/73																																		37	37		
71/71																																		51	51	5	1
69/69																																		44	44	14	5
67/67																																		47	47	27	5
65/65																																		57	57	36	10
63/63																																		84	84	54	18
61/61																																		77	77	53	29
59/59																																		68	68	70	24
57/57																																		45	45	33	46
55/55																																		61	61	45	44
53/53																																		42	42	49	41
51/51																																		36	36	66	52
49/49																																		27	27	57	28
47/47																																		30	30	81	47
45/45																																		33	33	65	54
43/43																																		9	9	54	47
41/41																																		10	10	36	39
39/39																																		12	12	37	28
37/37																																		6	6	41	33
35/35																																		12	12	18	38
33/33																																				26	27
31/31																																			8	49	
29/29																																		3	47		
27/27																																				37	
25/25																																				25	
23/23																																				28	
Element (X)	Σx'		Σx		Σ		c _x		No. Obs.		Mean No. of Hours with Temperature						Total																				
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																				
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

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

CENTRAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

10713 SEYMOUR-JOHNSON AFB AC

08-73, 73-79

YEARS

MAP MONTH

PAGE 1828-1708
W. URS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	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																			
27-28																																									26
26-27																																									22
25-26																																									32
24-25																																									16
23-24																																									17
22-23																																									14
21-22																																									7
20-21																																									1
19-20																																									930
TOTAL	1.1	12.3	7.4	5.3	6.7	8.6	13.2	16.7	15.5	7.9	3.7	.9	.1	.1	.1																							930			

Element (X)	ΣX'	ΣX	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature																																			
						0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																													
Rel. Hum.	2749351	45667	49.1	23.359	930																																				
Dry Bulb	3719273	57923	62.3	10.964	930			32.1	17.9	5.5																															93
Wet Bulb	2570326	48088	51.7	9.498	930			1.1	4.6																															93	
Dew Point	1706095	37503	40.3	4.442	930			31.3	1.2																															93	

2802
 USAFETAC FORM 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 AIR WS

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AFB WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13713 SEYMOUR-JOHNSON AFB AC

68-70, 73-79

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1800-2900
 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
14/ 15																						16														
14/ 13																						7														
12/ 11																						9														
10/ 9																						4														
8/ 7																						2														
TOTAL	2.5	17.2	7.6	10.9	15.6	16.3	14.1	8.7	4.0	1.7	.7	.2									930	930														

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	3561136	53730	57.8	22.178	930							
Dry Bulb	3124158	53104	57.1	9.944	930			17.1	5.4	.6		93
Wet Bulb	2345923	45897	49.4	9.328	930		3.2	1.4				93
Dew Point	1701272	37732	40.6	13.544	930		28.2	.7				93

28030
 USAFETAC FORM 0-26-5 (OL.A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JAN 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13713 SEYMOUR-JOHNSON AFB NC

68-70, 73-79

1957

STATION

STATION NAME

YEARS

MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75							.1											1	1		
74/ 73						.2	.2											6	6		
72/ 71		.3	.3	.1		.3												10	10		
70/ 69		.5	.4	.3	.5	.1		.1		.1								20	20	6	3
68/ 67		.8	1.1	.4	.5	.3												29	29	11	5
66/ 65		.5	.8	.6	.1	.1	.2		.1									24	24	13	11
64/ 63		1.4	1.1	.8	.6	.8	.5		.2									50	50	27	18
62/ 61	.4	1.9	1.1	.6	.9	1.4	.4	.1	.1									64	64	41	23
60/ 59	.2	1.3	.7	.8	.9	.5	.4	.2										46	46	40	26
58/ 57	.9	.5	1.3	1.7	.9	.1	.2	.1										53	53	36	45
56/ 55	.5	1.5	1.6	1.9	1.1	.4	.2	.2										69	69	34	37
54/ 53	.4	1.0	1.0	1.3	.9	.6	.6											54	54	64	21
52/ 51	.4	1.4	1.9	2.0	1.5	.9	.2											78	78	64	33
50/ 49	.4	1.9	1.6	2.9	1.5	1.0												67	87	59	47
48/ 47	.4	2.4	1.1	1.6	1.8	.9	.2											78	78	74	53
46/ 45	.2	1.2	1.2	1.4	.9	.3												48	48	65	57
44/ 43		1.1	.9	.9	.8	.5												38	38	79	64
42/ 41	.3	.6	1.2	1.5	1.0	.1												44	44	63	57
40/ 39		.2	1.3	1.3	1.1	.1												36	36	47	45
38/ 37		1.2	1.0	1.2	.6	.2												39	39	37	34
36/ 35	.2	1.1	.4	1.4	.5													32	32	56	53
34/ 33		.3	.3	.6	.2													14	14	41	46
32/ 31	.1		.6															7	7	22	49
30/ 29	.2		.1															3	3	26	44
28/ 27																				14	30
26/ 25																				2	29
24/ 23																					20
22/ 21																					13
20/ 19																					30
18/ 17																					10
16/ 15																					17
14/ 13																					3
12/ 11																					2
10/ 9																					1
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						≤ 0 F	32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

LOCAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17713 SEYMOUR-JOHNSON AFB NC

66-77, 73-77

4AP
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
97/ 81																		2	2		
98/ 87																		4	4		
86/ 88																		14	14		
84/ 82																		22	22		
82/ 81																		36	36		
81/ 79																		54	54		
79/ 77																		64	64		
76/ 75																		123	123		
74/ 73																		115	115		
72/ 71																		176	176	17	5
71/ 69																		205	205	67	21
68/ 67																		236	236	115	48
66/ 65																		287	287	190	103
64/ 63																		377	377	261	140
62/ 61																		433	433	285	188
59/ 59																		426	426	359	199
58/ 57																		415	415	411	305
56/ 55																		502	503	362	333
54/ 53																		438	438	427	295
52/ 51																		433	434	412	299
50/ 49																		502	502	471	350
48/ 47																		450	450	519	350
46/ 45																		396	396	562	432
44/ 43																		293	294	481	422
42/ 41																		295	295	458	335
40/ 39																		268	268	371	296
38/ 37																		259	259	387	306
36/ 35																		246	246	380	370
34/ 33																		164	164	337	356
32/ 31																		121	121	197	409
30/ 29																		60	60	183	330
28/ 27																		17	17	109	274
26/ 25																		4	4	56	265
24/ 23																				17	188
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) REVISD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUL 64

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1973 STATION SEYMOUR-JOHNSON AFB NC STATION NAME 65-77,73-79 YEARS 4 MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
72/ 21																					3	182
27/ 19																						169
18/ 17																						185
14/ 15																						112
14/ 13																						69
11/ 11																						48
10/ 9																						23
8/ 7																						15
6/ 5																						9
TOTAL	6.222	6.17	3.14	7.17	0.8	8.7	7.3	6.3	3.2	1.7	.6	.2	.1	.1	.1			7447			7437	
																	7437				7437	

Element (X)	ΣX^2	ΣX	\bar{X}	σ_R	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0 F$	$\leq 32 F$	$\approx 67 F$	$\approx 73 F$	$\approx 80 F$	$\approx 93 F$	
Rel. Hum.	35386745	484799	65.222	558	7437							
Dry Bulb	22374546	398516	53.611	758	7440		20.2	105.1	43.4	10.6		744
Wet Bulb	17589713	353225	47.510	457	7437		56.5	19.9				744
Dew Point	13539870	322838	40.513	577	7437		228.5	7.9				744

2005 FORM 0-26-5 (OL.A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC JUL 64

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13713 STATION SEYMOUR-JOHNSON AFB NC STATION NAME 68-70, 73-79 YEARS 8 APR 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		
76/ 75			.2															2	2				
74/ 73			.3	.1	.2													5	6				
72/ 71		.3	.1	.8	.7	.1		.1								.1		20	20	2			
70/ 69		.2	1.4	.3	.4	.1												26	26	8	4		
68/ 67	.2	1.7	1.1	1.1	1.0	.2	.1			.1								50	50	11	11		
66/ 65	.2	2.1	1.4	2.1	.6	.3	.1			.1								53	63	43	18		
64/ 63	.3	2.8	2.2	2.3	.6	.2	.2											73	78	36	31		
62/ 61	.3	3.1	1.6	1.3	1.0	.3	.2	.1										72	72	66	37		
60/ 59	.2	3.0	2.4	.9	.9	1.0	.4											80	50	39	58		
58/ 57	.1	1.4	2.0	1.4	1.2	.7	.1											63	63	67	66		
56/ 55	.2	1.1	2.6	1.0	.9	.2	.1											55	55	52	70		
54/ 53	.4	1.1	2.1	2.3	1.1	.6	.1											79	70	49	49		
52/ 51	.1	.7	2.7	1.0	1.1	.7	.2											57	57	64	32		
50/ 49	.3	1.1	2.7	1.9	1.3	.3	.1											70	70	66	53		
48/ 47		1.9	1.6	1.1	.7	.4	.2											53	53	78	43		
46/ 45	.3	1.4	2.3	1.2	.2	.3	.4											57	57	64	64		
44/ 43	.3	1.1	1.7	.7	.3	.1												38	38	61	57		
42/ 41	.1	.9	.3	.6	.2	.2												21	21	65	54		
40/ 39	.1	.3	.4	.1	.1													10	10	34	62		
38/ 37		.6	.3	.1														9	9	16	51		
36/ 35																				22	33		
34/ 33																				7	18		
32/ 31																				1	29		
30/ 29																					26		
28/ 27																					8		
26/ 25																					5		
24/ 23																					5		
22/ 21																					4		
20/ 19																					1		
18/ 17																					6		
16/ 15																					2		
14/ 13																					3		
TOTAL	3.4	24.9	29.6	20.4	12.4	5.9	2.4	.6	.2	.1								900	900	900	900		
Element (X)	Σx^1	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature																	
Rel. Hum.	5106037	66281	73.6	15.811	900	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total											
Dry Bulb	2919697	50713	56.3	8.313	900			10.4	.8			90											
Wet Bulb	2492437	46729	51.9	8.582	900		.1	2.1				90											
Dew Point	2136456	42720	47.5	10.995	900		8.9	1.5				90											

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAG

PSYCHROMETRIC SUMMARY

19713
STATION

JEYMGUR-JOHNSON AFS NC
STATION NAME

68-70, 73-79
YEARS

APR
MONTH

PAGE 1 2300-05 JR
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	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/ 71			.3	.6													8	8		
72/ 71			.6	.6	.1												11	11		
75/ 69		.3	.7	.2	.1												12	12	5	
62/ 67	.1	1.0	.6	.7	.7		.2										36	36	17	13
66/ 65	.3	1.0	1.0	.9	.1	.1											31	31	32	19
64/ 63	.3	2.0	2.1	.6	.4	.1											53	53	23	32
62/ 61	.9	2.6	2.1	1.0		.1											60	57	54	37
60/ 59	1.4	3.9	2.6	1.2	.9	.1											91	81	68	62
59/ 57	.9	2.6	2.0	1.4	.4	.1											67	67	74	56
56/ 55	.9	1.7	2.4	.9	.6												62	62	62	58
54/ 53	.2	1.2	2.6	.9	1.7	.4	.3										60	57	52	36
52/ 51	.1	2.2	2.0	1.2	.7	.2	.2										67	67	58	39
57/ 49	.2	2.2	1.8	1.6	.3		.1										56	56	48	47
48/ 47		2.4	2.4	2.7	.9	.1											71	71	68	58
46/ 45	.1	1.1	2.0	1.7	.7	.1	.1										59	59	70	46
44/ 43	.3	3.0	.8	.6	.7	.6											53	53	53	53
42/ 41	.2	2.3	1.0	.6	.6	.1											43	43	73	44
40/ 39	.3	1.1	.8	.9	.3												31	31	62	62
38/ 37	.2	.6	.1	.1													9	9	29	62
36/ 35	.2	.3	.7														11	11	27	45
34/ 33		.3															2	3	18	26
32/ 31																			9	25
30/ 29																				13
28/ 27																				17
26/ 25																				0
24/ 23																				5
22/ 21																				6
20/ 19																				5
18/ 17																				7
16/ 15																				1
14/ 13																				2
TOTAL	6.9	33.4	30.0	17.4	8.4	2.6	1.0		.2								900	900	900	900

Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						
						= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total
Rel. Hum.	5675988	70156	78.0	15.163	900							
Dry Bulb	2676004	48452	53.8	8.669	900			6.7	.8			90
Wet Bulb	2352833	45299	50.3	9.001	900			.9	2.2			90
Dew Point	2073731	42009	46.7	11.206	900			9.5	1.0			90

2806
 USAFETAC FORM 0-26-5 (OL A)
 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 ATR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13713 SEYMOUR-JOHNSON AFB NC

68-7C, 73-79

68 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														
75/ 75		.1		.2	.1													4	4																
74/ 72		.2	.5	.3	.1		.1											10	10	1	1														
72/ 71		.1	1.1	.3	.5	.1	.1											18	19	4	1														
70/ 69		.7	1.0	.7	.3			.1										25	25	7	4														
68/ 67	.2	.9	1.0	.5	.5	.5												28	28	22	12														
66/ 65	.7	1.9	1.3	1.1	.9	.2												55	55	34	24														
64/ 63	.6	2.7	1.2	1.8	.2			.1										59	59	39	28														
62/ 61	.7	3.3	1.3	1.3	.7	.2												68	68	55	47														
60/ 59	1.1	3.2	2.3	1.2	.7	.6												83	83	68	51														
58/ 57	.9	2.2	1.9	.8	.3	.5	.3											61	61	74	65														
56/ 55	.2	2.0	1.9	1.6	.9	.7	.5											65	65	63	54														
54/ 53	.2	.8	1.9	1.8	.9	.2	.1											58	58	48	46														
52/ 51	.3	2.2	3.3	1.3	.9	.3	.1											77	77	46	51														
50/ 49	.3	1.8	2.3	.9	1.2	.7												65	65	64	52														
48/ 47		1.9	2.0	2.1	1.1	.2												66	66	77	47														
46/ 45	.1	1.4	1.7	1.2	.3	.4												47	47	63	53														
44/ 43	.2	2.1	1.0	.4	.8	.1												42	42	59	47														
42/ 41	.1	1.6	.2	.7	.6	.2												30	30	65	52														
40/ 39	.2	.7	.4	.6	.3	.1												21	21	37	55														
38/ 37	.3	.3	.1															7	7	25	52														
36/ 35	.1	.6	.2															8	8	20	29														
34/ 33	.1	.2																3	3	14	33														
32/ 31																				6	28														
30/ 29																					20														
28/ 27																					10														
26/ 25																					11														
24/ 23																					6														
22/ 21																					5														
20/ 19																					8														
18/ 17																					3														
16/ 15																					2														
14/ 13																					1														
TOTAL	6.4	30.9	26.7	18.7	11.6	5.3	.8	.2										900	900	900	900														
Element (X)	Σx'	Σx	X	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total																								
Rel. Hum.	5467709	68712	76.3	15.706	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb	2807100	49648	55.2	8.730	900			8.5	2.4			90																							
Wet Bulb	2443356	46178	51.3	9.074	900			.6	3.4	.1		90																							
Dew Point	2134692	42624	47.4	11.351	900			9.4	1.4	.1		90																							

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

15713 STATION SEYMOUR-JOHNSON AFB NC 18-70, 73-79 YEARS APR MONTH

PAGE 1 0900-1100 HOURS (L.S.T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)													TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
89																		2	2		
85																		1	1		
83																		9	9		
81																		9	9		
79				.1	.1	.4	.6	.4	.2	.4	.4							22	22		
77			.1	.1	.4	.4	1.7	.8	.1	.2								31	31		
75			.1	1.2	.9	1.4	1.7	1.1	.6	.3								60	67	1	
73			.7	.6	.8	1.1	1.2	1.0	.3	.1								52	52	5	3
71		.3	.8	1.1	1.9	2.1	1.4	.6	.2									74	74	10	1
69	.1	.3	.8	1.7	1.3	1.0	1.1	.7	.1									64	64	31	13
67		.8	.9	.4	1.3	1.3	.7	.9	.1	.3								61	61	43	13
65	.1	.7	1.0	1.6	1.2	.6	1.6	.7	1.2	.1								78	78	72	31
63		.7	1.1	.8	1.1	.9	.9	1.4	.1									63	63	67	31
61	.1	.7	.8	.6	.8	.6	2.4	1.3										65	65	93	45
59	.3	.3	1.2	.9	1.3	.9	2.7	.8										70	70	75	50
57	.1	.3	.3	.6	1.2	1.6	.9	.7										55	55	66	47
55		.3	.7	.7	.6	1.1	1.7	.6										50	50	41	70
53	.1	.2	.3	.8	1.1	1.1	1.4	.1	.1									47	47	53	67
51	.3	.3	1.1	.2	.3	1.0	.8	.2										43	43	32	47
49	.2	.2	.2	.1	.1	.7	.4	.1										41	41	21	54
47	.1	.3	.2			.7	.2											13	13	63	43
45		.1	.2			.2	.2	.1										7	7	47	32
43		.1				.1												2	2	34	44
41					.1													1	1	25	47
39																				19	32
37																				7	33
35																				4	35
33																				2	59
31																					22
29																					17
27																					26
25																					14
23																					12
21																					4
Element (X)	Σ X ²	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

28070
 USAFETAC FORM 0-26-5 (OL A)
 REVISIONS PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AFB WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1713 SEYMOUR-JOHNSON AFB AC 68-70, 73-79 APR
 STATION STATION NAME YEARS MONTH

PAGE 1 1900-1100
 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
17 / 14																					
16 / 17																					
17 / 15																					
18 / 13																					
TOTAL	1.4	6.3	1.0	1.6	15.2	17.1	19.6	11.2	4.7	1.7	.3	.2					500	900	900	900	
Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	3257040	51618	57.4	18.163	900	≤ 0 F	≤ 32 F	≤ 47 F	≤ 73 F	≤ 80 F	≤ 93 F	Total									
Dry Bulb	3831310	58184	64.6	8.811	900			38.5	18.6	3.6		900									
Wet Bulb	2884688	50360	56.0	8.618	900			9.5	.7			900									
Dew Point	2214735	43271	48.1	12.223	900		10.8	3.5	.3			900									

USAFETAC FORM 0-26-3 (OLA) JUL 54 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13713 SEYMOUR-JOHNSON AFB NC 58-78, 73-79 APR
STATION STATION NAME YEARS MONTH
PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B. Dry Bulb	Wet Bulb-Dew Point																
54/ 57																															1	1			
52/ 51											.2												.1	.2	.3						8	8			
50/ 49																							.1	.1	.1						3	3			
48/ 47																							.2	.6	.2						14	14			
46/ 45										.1													.4	.1	.1						28	28			
44/ 43										.2	.2	.4	.6	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	28	28			
42/ 41									.3	.6	.6	1.6	1.2	1.7	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	60	57				
40/ 39								.3	.3	.3	2.1	1.3	1.4	.9	.4	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	56	56				
38/ 37					.1	.1	.1	1.2	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	65	65			
36/ 35				.4	.4	.4	1.1	.7	1.7	1.6	.7	.2																		65	65	2			
34/ 33		.1	.3	.6	.6	1.2	1.3	1.7	1.4	.9	.1	.2																		69	69	17	1		
32/ 31		.2	.6	.3	.4	.7	.3	.6	.8	.7	.2																			47	47	23	4		
30/ 29		.1	.6	.4	.7	.2	.6	.9	1.7	1.7	.1																			56	56	37	13		
28/ 27		.1	.3	.3	.2	.3	.8	1.6	2.3	1.2																				65	65	51	12		
26/ 25		.3	1.1	.8	.4	.7	.6	1.6	2.9																					75	75	96	18		
24/ 23		.3	.6	.7	.2	1.2	1.1	1.3	.8	.1																				57	57	66	23		
22/ 21	.2	.2	.4	.4	.4	.8	1.1	1.4	.8	.1																				52	52	86	36		
20/ 19		.1	.4	.4	.4	.7	1.6	1.2	.4																					44	44	58	56		
18/ 17	.1	.2	.4	.3	.3	.3	.7	1.0	.1																					32	32	66	48		
16/ 15	.1	.1	.2	.1	.3	.4	.8	1.3	.4																					35	35	44	67		
14/ 13	.1	.1	.4	.2	.2	.3	.2	.1																						16	16	62	54		
12/ 11		.4	.9		.1	.1	.2	.1																						17	17	87	59		
10/ 9			.1			.1																								2	2	65	51		
8/ 7																														2	2	48	44		
6/ 5																														3	3	27	50		
4/ 3																																23	44		
2/ 1																																16	33		
0/ 0																															7	43			
38/ 37																																1	37		
36/ 35																																	42		
34/ 33																																	42		
32/ 31																																	33		
30/ 29																																	25		
28/ 27																																	16		

Element (X)	Σx'	Σx	X	s _x	No. Obs.	Mean No. of Hours with Temperature						
Rel Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

2808
 USAFETAC FORM 0-26-5 (OL A)
 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1713 SEYMOUR-JOHNSON AFB NC 68-7, 73-79 APR
STATION STATION NAME YEARS MONTH

PAGE 2 1200-1400
HOURS (L. S., Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
25/ 25																					
4/ 23																					
2/ 21																					
7/ 19																					
16/ 17																					
16/ 15																					
14/ 13																					
TOTAL	.4	3.0	6.9	6.1	5.2	9.3	13.2	20.3	17.9	12.0	4.7	2.3	1.7	.4					900	900	900
																			900	900	900

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	2248897	41991	46.7	17.950	900							90
Dry Bulb	4526537	63263	70.3	9.418	900			56.5	39.7	17.2	.2	90
Wet Bulb	3075127	52117	57.9	8.329	900			12.6	1.5	.1		90
Dew Point	2137107	42549	47.3	11.817	900	10.9		3.6	.3			90

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

GLOBAL CLIMATOLOGY BRANCH
 USAF/ETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13713 SEYMOUR-JOHNSON AFB TX
STATION STATION NAME

68-77, 75-79
YEARS

PAGE 1 1976-1777
HOURS (L, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25	26-27	28-29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
47 93																																						
52 91																																						
57 89																																						
60 87																																						
66 85						.1																																
67 83							.1	.2	.7	.1	1.4	.6	.9	.4	.5																							
67 81							.1	.2	.1	.2	1.1	2.7	1.1	.9	.7	.1																						
71 79																																						
72 77						.3	.1	.3	.2	.3	1.1	1.4	1.6	1.5	.7	.1																						
76 75					.2	.6	.4	1.2	1.1	1.3	.4	1.7	.4																									
74 73						.1	.3	1.2	.4	.7	1.6	1.7	1.7	.7	.6																							
72 71						.1	.4	.9	.2	.2	.4	1.6	2.0	1.6	.2																							
71 69					.1	.2	.1	.4	.9	.6	1.7	1.6	2.7	.4																								
66 67					.1	.3	.7	1.0	.2	1.0	.3	1.6	2.5																									
66 65					.4	.6	1.0	.3	1.1	1.1	1.3	1.3	1.3																									
64 63					.2		.1	.2	.5	.4	.7	.7	.4																									
62 61					.1	.2	.4	.4	.3	.6	1.9	.4																										
67 59		.1	.4	.7	.2	.1	.6	.1	1.7	.9																												
63 57					.2		.1	.2	.4	.6	.2																											
56 55					.3		.4	.7	.2	.6	.4																											
64 53					.4	.3	.2																															
72 51					.3	.4	.1																															
57 49					.4	.1																																
48 47					.1																																	
46 45																																						
47 43																																						
42 41																																						
45 39																																						
38 37																																						
31 35																																						
37 33																																						
37 31																																						
30 29																																						
26 27																																						
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																																
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 47 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total																										
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

209
 USAF/ETAC FORM 0-26-5 (OL A)
 REVISED PREVIOUS EDITIONS OF THIS PUN ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION SEYMOUR-JOHNSON AFB NC

YEARS 68-72, 73-79

PAGE 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	DB-WB	Dry Bulb	Wet Bulb	Dew Point
26/25																					
24/23																					
22/21																					11
20/19																					2
18/17																					2
16/15																					1
14/13																					1
TOTAL	.1	3.0	4.0	5.8	6.0	6.9	8.7	14.6	15.8	17.7	8.7	4.1	3.9	.9	.2			9.0	9.0		26.2

USAFETAC FORM 0-26-5 (O-L A) REVISED PERIODIC ERRORS OF THIS FORM ARE OBSOLETE

Element (X)	Σy^2	Σx	Σ	σ_n	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	1958255	38647	42.9	18.28	900							
Dry Bulb	4731134	64740	71.9	9.083	900			64.6	42.9	21.8	.2	97
Wet Bulb	3086875	52297	58.1	7.308	900			11.0	.7			97
Dew Point	2038459	41585	47.2	11.408	900			11.8	2.6	.3		97

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

10713 SEYMOUR-JOHNSON AFB MO STATION NAME

65-70, 7-79 YEARS

APP MONTH

PAGE 1 12-22-50 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																		
88/86												.1																				1	1						
87/87																		.1	.1	.1													3	3					
85/85												.1	.1	.1																			5	5					
83/83												.1	.1	.1	.1																		9	9					
81/81									.1	.1	.1	.1	.1	.1	.1																			17	27				
79/79							.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																		29	29				
77/77							.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																		42	42				
75/75	.1			.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																			39	39	1	1	
74/73	.1		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																			72	72	1	1	
73/71	.1		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																			66	66	7	1	
71/69		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																			55	55	17	3	
68/67		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																			72	72	39	12	
66/65		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																			78	78	59	10	
64/63		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																			75	75	71	20	
62/61		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																			69	69	105	39	
61/59	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																			59	59	73	42	
59/57		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																			49	49	75	59	
56/55		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																			41	41	73	42	
54/53		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																			28	28	71	64	
52/51	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																			29	29	81	58	
50/49		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																			20	20	72	55	
48/47		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																			9	9	71	56	
46/45		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																			1	1	33	49	
44/43		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																					16	68	
42/41		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																					18	47	
40/39		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																					15	43	
38/37		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																						4	32
36/35		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																							44
34/33		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																							39
32/31		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																							29
31/29		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																							21
28/27		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																							14
26/25		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																							7
24/23		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1																							5
Element (X)	ΣX²		ΣX		X		Σn		No. Obs.		Mean No. of Hours with Temperature										TOTAL		TOTAL																
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																						
Dry Bulb																																							
Wet Bulb																																							
Dew Point																																							

2010 0-26-5 (OL A) REVISIONS PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC FORM 84

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12713
 STATION

JLYMOUR-JOHNSON AFB NC
 STATION NAME

68-70, 73-70
 YEARS

196
 MONTH

PAGE 1 1600-2000
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
2/ 21																																			
7 / 14																																			
15 / 17																																			
1 / 15																																			
TOTAL	0.7	5.1	7.7	9.3	13.2	15.0	16.1	13.5	10.3	4.7	3.0	.8	.3	.2	.1		900	900	900	900															

Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	2775945	47107	52.3	18.5	900							
Dry Bulb	4024462	59700	66.3	8.4	900			44.6	22.3	5.5		90
Wet Bulb	2679019	50461	56.1	7.4	900			6.3	.2			90
Dew Point	2082910	42114	46.8	11.1	900		9.9	1.8	.2			90

FORM 164 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14713 SEYMOUR-JOHNSON AFB AC 68-73, 73-79 YEARS APP MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																	
76/ 79								.1																										1	1			
78/ 77								.2																											4	4		
76/ 75				.1	.3	.2	.2												.1						.2									13	13			
74/ 73				.2	.3	.5	.2												.1	.5					.1									25	23			
72/ 71			.9	.3	1.2	1.6	.2	.2	.2	.2	.2									.2														35	35			
70/ 69	.1	.9	1.7	1.2	1.6	.9	.1	.1	.1	.2										.2													61	51	4	1		
68/ 67	.1	.5	2.1	1.4	2.6	.3	.4	.1	.1	.1	.2									.4													71	71	29	11		
66/ 65	.1	1.4	2.0	2.9	2.0	.8	.7	.1	.1	.1	.1									.4													89	32	44	19		
64/ 63		1.4	1.8	1.8	1.2	1.0	.2	.2																										67	67	61	27	
62/ 61		2.0	1.0	1.4	2.3	.9	.1	.1	.1											.1													69	69	74	45		
60/ 59	.3	1.7	.9	2.3	2.3	1.1	.6	.2																									85	85	19	58		
58/ 57		1.0	.7	2.4	1.9	1.3	.4	.1																									70	70	65	77		
56/ 55		.9	.8	1.9	1.2	.9	.4												.1														56	56	61	02		
54/ 53	.3	.2	1.4	1.7	2.3	1.3	.2	.2	.1	.1									.1														74	74	71	62		
52/ 51	.2	.2	1.6	1.3	1.4	.4	.4	.1	.1	.1									.3														52	52	58	36		
50/ 49	.1	1.1	.9	1.6	1.3	.3	.2	.2	.1	.1																							50	50	74	47		
48/ 47	.2	.2	1.3	.9	.7	.6	.3																										37	37	72	67		
46/ 45	.1	.9	.5	.4		.1	.1																										24	24	61	61		
44/ 43		.2	.1	.2	.4	.1																											10	10	55	54		
42/ 41		.1	.4																														5	5	30	59		
40/ 39			.1		.1																												4	4	14	46		
38/ 37																																				16	42	
36/ 35																																				11	27	
34/ 33																																				1	22	
32/ 31																																					37	
30/ 29																																					7	
28/ 27																																					4	
26/ 25																																					8	
24/ 23																																					3	
22/ 21																																					4	
20/ 19																																					6	
18/ 17																																					6	
16/ 15																																					2	
14/ 13																																					2	
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature																																
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total																										
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

20110
 USAFETAC FORM AT 34 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14713 SEYMOUR-JOHNSON AFB NC

68-71, 73-79

YEARS

APP
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					
47/92														.7					3	3					
57/91							.2					.7	.7		.7				17	17					
67/89												.1	.1	.0					16	16					
67/87												.1	.1	.0					33	33					
76/85				.0	.7	.7			.7	.2	.1	.3	.3	.1					78	78					
74/83					.7	.1	.1	.1	.1	.3	.2	.3	.1		.7				87	87					
87/81				.0	.7	.0	.1	.2	.4	.4	.7	.1	.1	.0	.3				148	148					
87/79			.0	.3	.1	.2	.2	.6	.4	.5	.3	.1	.7						169	169					
70/77			.0	.1	.2	.1	.4	.6	.4	.5	.4	.1							170	190	3	1			
67/75	.2	.0	.2	.3	.3	.6	.7	.6	.4	.4	.1			.7					251	251	4	3			
74/72	.0	.7	.3	.4	.6	.6	.7	.6	.9	.4	.1	.1							312	312	23	9			
72/71	.0	.1	.6	.6	.8	.6	.5	.4	.7	.4	.3	.1							348	348	71	7			
77/69	.0	.4	.9	.7	.8	.6	.4	.3	.4	.6	.1								401	401	142	40			
68/67	.1	.8	.9	.7	1.0	.5	.6	.6	.6	.5									451	451	262	111			
65/65	.2	1.1	1.2	1.4	.9	.5	.7	.6	.9	.2									504	504	460	150			
64/63	.2	1.4	1.2	1.1	.6	.8	.9	.6	.4	.3									488	488	477	223			
62/61	.3	1.5	1.3	.9	.8	.6	.7	.8	.3	.7									495	495	618	314			
67/59	.5	1.7	1.4	1.0	.9	.8	.8	.8	.9	.2									554	554	616	422			
62/57	.3	1.0	1.0	1.0	.8	.7	.5	.3	.1										413	413	554	468			
55/55	.2	.5	1.1	.9	.7	.6	.5	.4	.1										388	388	467	474			
47/53	.2	.5	1.3	1.0	.8	.6	.4	.1											366	366	477	448			
52/51	.2	.9	1.7	.7	.8	.4	.3	.1											350	350	525	392			
50/49	.2	.9	1.1	.8	.6	.3	.2	.0											267	269	535	429			
46/47	.0	.9	1.0	.8	.4	.3	.1												248	248	522	398			
46/45	.1	.7	1.0	.6	.2	.2	.1												198	198	396	420			
44/43	.1	.6	.4	.2	.3	.1													145	145	318	424			
42/41	.1	.6	.3	.2	.2	.1													100	100	305	301			
47/39	.1	.3	.3	.2	.1	.0													66	60	184	363			
37/37	.1	.2	.1	.0															25	25	100	343			
36/35	.0	.1	.1																19	19	84	252			
34/33	.0	.1																	6	6	47	265			
32/31																					16	234			
31/29																						168			
28/27																						115			
Element (X)	ΣX²			ΣX			X	°X	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel Hum.																									
Dry Bulb																									
Wet Bulb																									
Dew Point																									

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

2012

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMET

17713
 STATION

SEYMOUR-JOHNSON AFS NC
 STATION NAME

60-70, 73-79

YEARS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOT D.B.			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	≥ 31
0/ 25																		
24/ 23																		
2/ 21																		
18/ 19																		
18/ 17																		
16/ 15																		
14/ 13																		
TOTAL	2.7	14.9	16.9	13.0	11.9	9.2	8.4	7.3	6.2	4.3	2.1	.7	.7	.2	.1			72
Element (X)	ΣX^2	ΣX	\bar{X}	s^2	No. Obs.	Mean No. of Hours with Temp												
Rel. Hum.	32744055	444623	61.8	21.369	7200	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 8								
Dry Bulb	28799472	448580	62.3	10.877	7200			259.6	130.6	4								
Wet Bulb	21877214	321858	54.4	8.744	7200		1.6	51.7	3.2									
Dew Point	16959337	340111	47.2	11.386	7200		79.1	17.0	1.2									

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1713 SEYMOUR-JOHNSON AFB NC 68-77, 73-77 MAY
STATION STATION NAME YEARS MONTH

PAGE 1 2060-0260
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	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/ 75			.5	.1	.2													8	8		
74/ 73		.5	.2	.6	.4													17	17		
72/ 71	.4	1.9	2.7	2.4	.9	.3												71	71	17	14
70/ 69	1.0	4.8	5.6	1.3	.8	.2												125	125	41	32
67/ 67	.5	4.9	5.5	1.2	1.1	.6												120	120	94	53
66/ 65	.4	4.4	4.3	.5	.3	.2												95	95	131	92
64/ 63	.2	4.1	2.8	1.0	.8	.1		.1										84	84	79	54
62/ 61	.4	2.6	2.2	1.7	.4	.2												63	63	94	113
60/ 5	.3	3.1	3.0	1.1	.6													76	76	75	76
57/ 57	.6	3.4	2.4	1.0	.2	.4												75	75	81	77
56/ 35	.3	2.9	1.7	1.2	.2													59	59	67	77
54/ 53	.1	2.6	2.7	.4	.4	.1												59	59	71	58
52/ 51	.1	1.1	1.1	.4														25	25	47	61
50/ 49		1.3	1.1	.2														24	24	47	55
48/ 47		.5	.5	.2														12	12	29	38
46/ 45		.3	.2															5	5	21	39
44/ 42		.1																1	1	6	19
42/ 41		.2																2	2	5	17
40/ 39																				1	17
38/ 37																					7
36/ 35																					6
34/ 33																					1
TOTAL	4.5	38.9	35.8	12.6	5.8	2.3		.1										930	930	930	930

Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature					
						$\pm 0 F$	$\pm 32 F$	$\pm 67 F$	$\pm 80 F$	$\pm 93 F$	Total
Rel. Hum.	6493538	77749	82.8	10.914	930						
Dry Bulb	3712988	58430	62.8	6.720	930			35.0	2.5		93
Wet Bulb	3355382	55500	59.7	6.826	930			15.3	.1		93
Dew Point	3120783	53379	57.4	7.833	930			9.8			93

2060-0260
 USAFETAC FORM 0-26-5 (OLA) REVISIO WITHOUT ERRORS OF THIS FORM ARE OBSOLETE
 MAY 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13713 SEYMOUR-JOHNSON AFB MO
STATION STATION NAME

68-70, 73-79
YEARS

MAY
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
75/ 75		.2	.1															3	3		
74/ 73		1.3	.1	.5	.1													16	16	3	2
73/ 71	.3	1.0	.9	.8	.3													27	27	18	11
72/ 69	1.1	3.9	2.5	1.2	.4	.1												35	35	21	22
69/ 67	1.4	6.4	4.9	.5	.2	.1												122	122	84	54
68/ 65	.9	5.6	2.4	.9	.1													91	91	113	54
74/ 63	.9	7.0	2.8	1.1	.1	.1												106	106	91	77
62/ 61	.5	4.2	2.5	.8	.4	.1												77	77	128	133
63/ 59	.8	3.6	2.4	.3	.4													69	69	82	95
58/ 57	.5	4.5	1.8	.4		.2												72	73	75	81
56/ 55	.4	4.6	1.3	.5		.3												66	66	57	62
54/ 53	.3	3.7	2.3		.3	.1												61	61	68	84
52/ 51	.4	3.0	1.6	.5	.1													53	53	69	85
51/ 49	.3	1.8	1.0	.2														31	31	47	51
48/ 47	.1	1.7	.4															21	21	43	42
46/ 45		1.5	.4	.3														21	21	34	41
44/ 43		.4	.2															6	6	14	23
42/ 41	.1	.2																3	3	8	22
40/ 39	.1																	1	1	6	9
36/ 37																					5
36/ 35																					7
34/ 33																					5
32/ 31																					1
TOTAL	8.0	54.3	26.2	8.1	2.5	1.1												929	929	929	929
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	7042838	80364	86.5	9.894	929	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total									
Dry Bulb	3497160	56610	60.9	7.158	929			25.3	1.9			93									
Wet Bulb	3234171	54395	58.6	7.283	929			17.2	.2			93									
Dew Point	3058076	52768	56.8	8.395	929		.1	8.9	.2			93									

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

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

1713 SEYMOUR-JOHNSON AFB NC 60-77, 78-79

STATION STATION NAME YEARS MONTH

PAGE 1 6070-001
 FORM 1, S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B.	W.S.	D.P.	Wet Bulb	Wet Bulb	Dew Point													
81																																	1	1		
79																																	2	2		
77			.2	.4	.1	.1	.2																									10	17			
75			.5	.9	.4	.6	.2	.2																								27	27	5		
73	.1	1.4	.4	1.6	.2	.1																										41	43	15	5	
71	.6	2.2	1.7	1.2	.4	.4																										61	61	24	27	
69	.8	4.7	3.1	1.4	1.1	.1																										97	97	53	37	
67	1.0	4.5	5.6	.9	.6	.1	.2																									120	120	28	58	
65	.6	4.2	2.7	1.7	.8	.2		.1																								96	96	100	76	
63	.8	4.7	2.7	1.6	.8	.4	.1																									93	93	111	101	
61	.8	2.7	2.0	1.3	.6	.3																										72	72	92	99	
59	.5	4.7	1.9	.4	.6	.2	.2																									73	73	74	72	
57	.8	2.6	1.6	1.1	.4	.3																										63	63	94	82	
55	.9	3.1	.9	.9	.5																											55	55	68	68	
53	.4	2.4	1.1	.9	.2	.2	.1																									48	48	57	66	
51	.1	1.2	1.0	.4	.2	.3																										30	30	54	21	
49	.2	.8	1.1		.1																											18	18	36	42	
47	.1	1.0	.1	.1																												12	12	31	29	
45		.5		.2																												7	7	25	27	
43		.1																														1	1	9	22	
41		.1	.1																													2	2	6	23	
39																																			2	14
37	.1																																1	1	1	6
35																																				5
33																																				5
31																																				4
27																																				1
TOTAL	7.2	39.2	27.2	14.2	8.1	3.1	.9	.1																										937	927	937

Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	6435357	76461	82.2	12.666	930	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total
Dry Bulb	3786857	58971	63.4	7.152	930			35.9	8.1	.2		97
Wet Bulb	3408520	55898	60.1	7.248	930			18.8	1.9			73
Dew Point	3158133	53619	57.7	8.505	930		5	12.8	.5			93

2014
 USAFETAC FORM 1, S. T.
 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 0-26-5 (O.L.A.)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17.13 STATION SEYMOUR-JOHNSON AFB AC 68-70, 73-79 YEARS 48.4 MONTH

PAGE 1 1300-1400 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															
66/ 95																															1	1				
64/ 93																																7	7			
62/ 91																																15	15			
60/ 89																																43	43			
60/ 87																																44	44			
60/ 85																																51	51			
60/ 83																																58	58			
60/ 81																																69	69			
60/ 79																																128	128	2		
60/ 77																																106	106	17		
60/ 75																																78	78	41	4	
60/ 73																																88	88	40	13	
60/ 71																																61	61	114	34	
60/ 69																																43	43	124	36	
60/ 67																																51	51	101	69	
60/ 65																																30	30	98	133	
60/ 63																																21	21	111	75	
60/ 61																																19	19	63	92	
60/ 59																																9	9	45	56	
60/ 57																																3	3	41	66	
60/ 55																																4	4	34	56	
60/ 53																																7	7	35	62	
60/ 51																																1	1	27	51	
60/ 49																																	5	5	36	
60/ 47																																6	6	25		
60/ 45																																7	7	21		
60/ 43																																			27	
60/ 41																																			30	
60/ 39																																			19	
60/ 37																																			6	
60/ 35																																			12	
60/ 33																																			7	
60/ 31																																			9	
60/ 29																																			6	
Element (F)	Z ₁	Z ₂	Z ₃	Z ₄	Z ₅	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.							≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

USAFETAC FORM AIR 34 0-26-5 (OL A) SERIAL NETWORK EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17713 SEYMOUR-JOHNSON AFB TX

68-70, 71-79

YEARS

MAY
MONTH

PAGE 1

1776-1421
HOURS (L, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	C.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point																
27 27																																						1
26 25																																					1	
27 21																																					1	
TOTAL	3	4.1	6.2	7.0	10.0	12.8	12.2	17.4	13.1	9.4	4.2	2.2	.9	.4																				930		930		
																																				930		930

0 2016-05-06
 USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	s^2	No. Obs.	Mean No. of Hours with Temperature						
Ref. Num.	2952991	49887	53.6	17.266	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	5552399	71483	76.9	7.899	930			83.6	68.2	16.1	.8	93
Wet Bulb	4005437	60709	65.3	6.759	930			44.9	10.6			93
Dew Point	3166842	53470	57.5	9.984	930		2.0	16.0	1.7			93

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17713 SEYMOUR-JOHNSON AFB NC 65-77, 73-79 MAY
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																
67/95																																		11	11		
74/93																																		11	11		
77/91																																		27	27		
81/89										.1		.8	1.1	1.3	.9	.4	.7	.1															46	46			
87/87										.3	.2	.1	.6	.4	.6	1.1	.9																41	41			
86/85										.3	.2	1.1	.9	.8	.6	.6	.2																47	47			
83/83										.2	.9	1.7	1.2	1.4	1.0	.8	.8																68	68			
81/81						.2				.4	1.9	2.9	1.4	.2	1.3	.3	.3																51	81			
79/79			.1	.2	.4	1.2	1.6	1.7	1.4	1.6	.4	.1	.4	.2																			90	93	1		
77/77		.1	.4	1.1	1.4	.6	2.3	2.2	3.1	.8	.3	.2																					121	121	9	1	
76/75			.2	.9	.9	1.3	1.7	.4	1.3	1.2	.6	.1																					79	79	28	4	
74/73			.2	.6	.5	1.1	1.1	.6	1.1	1.1	.6	.1	.2																				74	74	59	3	
72/71			.6	1.4	.6	.9	1.1	.2	.4	.6	.8	.4																					65	65	116	27	
71/69		.1	.8	1.8	.3	.6	.7	.1	.9	.6	.8	.4																					61	61	139	45	
69/67			.2	.4	.3	1.1	.8	.1	.2	.5	.6	.2																					44	44	103	67	
66/65		.2	.8	.1	.6	.4	.1	.1	.1	.1	.2	.1																					29	29	121	73	
64/63			.5	.2	.1	.2	.1	.2	.1	.3	.1																						14	14	67	84	
62/61			.1	.1	.1	.2	.3	.1		.1																							8	8	64	77	
61/59			.1	.3	.2	.2	.2	.1																									8	8	53	83	
56/57			.1	.3	.2	.2	.1																										9	9	43	62	
50/55			.3	.1	.1	.1																											5	5	43	65	
54/53			.2	.1	.1	.1																											2	2	22	59	
52/51																																		2	2	27	57
50/49																																				8	46
48/47																																			7	36	
46/45																																					25
44/43																																				20	
42/41																																				24	
40/39																																				18	
38/37																																				16	
36/35																																				13	
34/33																																				5	
32/31																																				10	
30/29																																				5	
Element (X)	ΣX^2	ΣX	X	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																									
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total																									
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

USAFETAC FORM NO. 0-26-5 (OL A) 6-65 AIR WEATHER SERVICE/MAC

SERIAL CLIMATOLOGY BRANCH
 WFAFAC
 AIR WEATHER SERVICE/MAJ

PSYCHROMETRIC SUMMARY

17713 WYOMOUR-JOHNSON AFB NC

66-71, 72-79

YEARS

MAY

PAGE 1 1510-1700
 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. Dr.	Bulb	Wet Bulb	Dew Point												
TOTAL	.4	4.3	6.2	5.5	9.6	10.8	11.4	12.2	14.4	11.3	7.0	4.1	1.9	.7																				930	930	93

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

28170

Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0^\circ\text{F}$	$< 32^\circ\text{F}$	$\geq 67^\circ\text{F}$	$\geq 73^\circ\text{F}$	$\geq 80^\circ\text{F}$	$\geq 93^\circ\text{F}$	
Rel. Hum.	2519705	48305	51.918	258	930			85.6	68.6	36.4	1.2	93
Dry Bulb	5634444	72024	77.4	7.801	930			42.5	9.7	.1		93
Wet Bulb	3987017	60609	65.2	6.361	930							93
Dew Point	3096088	52882	56.9	9.793	930	1.8	14.9	1.4				93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13713 SEYMOUR-JOHNSON AFB NC 68-70, 73-79 MAY
STATION STATION NAME YEARS MONTH

PAGE 1 1870-2302
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL													
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																										
77/91										.1	.1																							2	7												
78/89											.1	.1										.5	.2	.1										9	9												
86/87										.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.2	.3	.4	.5	.6	13	17												
86/87										.3	.2	.3	.4	.5	.6	.7	.8	.9	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.2	.3	.4	.5	.6	26	26												
87/83										.2	.4	.5	.6	.7	.8	.9	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.2	.3	.4	.5	.6	.7	.8	.9	29	29											
87/81						.2	.4	.5	.6	.7	.8	.9	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.2	.3	.4	46	46											
87/79				.1	.4	1.1	1.4	1.7	1.7	1.9	1.9	2.1	2.2	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	67	67											
78/77			.5	1.0	2.6	1.3	.6	1.0	.7	1.0	.7	.9	.6	.5	.4	.3	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	75	75											
76/75		.2	1.2	1.9	1.4	2.3	1.7	.9	.5	.7	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	100	100	11									
74/73		.5	.8	1.8	2.7	1.5	2.7	.9	.8	.9	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	103	103	32									
72/71		1.3	1.8	1.7	2.7	1.2	1.5	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	108	108	78									
71/69		1.8	2.5	1.4	1.9	.9	1.2	.9	1.2	.9	1.2	.9	1.2	.9	1.2	.9	1.2	.9	1.2	.9	1.2	.9	1.2	.9	1.2	.9	1.2	.9	1.2	.9	1.2	.9	1.2	.9	1.2	108	108	17									
60/67	.2	.5	.9	1.2	1.4	.9	.6	.2	.3	.4	.5	.6	.7	.8	.9	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	62	62	117										
66/65	.3	.9	.8	1.2	.9	.8	.8	.6	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.2	.3	.4	.5	.6	.7	.8	.9	.1	.2	.3	.4	.5	.6	.7	.8	60	60	107										
64/63		.6	.1	.5	.9	.4	.5	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	29	29	113										
62/61		1.2	.1	.5	.9	.4	.5	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	33	33	83										
57/59	.2	1.1	.9	1.2	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	35	35	74										
57/57		.4	.2	.4	.9	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	21	21	57										
50/55	.1	.4	.2	.5		.1																													13	13	54										
54/53		.1	.4	.9																															4	4	33										
52/51																																				4	4	33									
50/49																																					15	15	46								
48/47																																						4	4	29							
46/45																																						6	6	33							
44/43																																							8	8	19						
42/41																																								2	2	19					
40/39																																									8	8	19				
38/37																																										9	9	20			
36/35																																											8	8	20		
34/33																																												8	8	20	
32/31																																												8	8	20	
30/29																																												8	8	20	
28/27																																												8	8	20	
26/27																																													8	8	20
Eleven (X)	ΣX^2				ΣX				X				σ_x				No. Obs.												Mean No. of Hours with Temperature																		
Rel. Hum.																		$\geq 0 F$	$\geq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total																							
Dry Bulb																																															
Wet Bulb																																															
Dew Point																																															

FORM 54 0-24-5 (OL A) REPRODUCED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFB WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13713 SEYFUR-JOHNSON AFB MO 53-77, 73-79 MAY
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., Dry Bulb	W.B., Wet Bulb	Dew Point			
TOTAL	.9	9.1	10.3	14.0	17.7	12.9	13.0	8.8	6.4	4.2	1.9	.9						929	929	929			
Element (X)	$\sum x^2$	$\sum x$	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total											
Rel Hum.	3863753	57647	62.1	17.561	929	$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 C$												
Dry Bulb	4907176	67172	72.3	7.359	929			73.5	46.3	15.5		93											
Wet Bulb	3793081	59047	63.6	6.320	929			34.6	4.4			93											
Dew Point	3166998	53426	57.5	8.961	929			1.3	14.6	1.0		93											

2018 USAFETAC FORM 0-26-5 (OL A) REVISED 0-26-5 (OL A) 02000000

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1973 SEYMOUR-JOHNSON AFB NC 68-73-79 MAY
 STATION STATION NAME YEARS MONTH

PAGE 1 2195-2300
 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														
77/71						.2	.2											2	7																
77/77			.3	.5	.9	.5	.1											22	22																
74/75		.2	.3	.3	1.1	.6	.1											34	34		1														
74/73		.6	2.2	2.3	2.3	.9	.4											5	35		2														
72/71		2.7	4.2	1.9	1.9	1.1	.1	.1										106	106	36	19														
71/69	.1	4.0	4.3	3.2	1.3	1.2	.3	.1	.1									136	136	78	58														
67/67	.6	2.4	4.2	3.1	1.8	.6	.1											121	121	113	66														
67/65	.4	2.3	1.8	3.0	1.0	.9	.1											65	65	118	90														
64/63		1.9	1.7	1.5	.9	1.0	.1											66	66	117	84														
62/61		1.8	1.2	1.5	1.7	.4	.1											56	56	83	67														
61/59	.9	1.9	1.7	.8	1.4	.1	.2	.2										67	67	86	71														
56/57	.2	2.3	1.5	1.6	.5	.1												56	56	62	94														
56/55		.9	1.5	1.1	.9													77	37	53	57														
54/53		.9	.9	.9														24	24	55	73														
52/51		.3	.6	.2	.2													13	13	47	50														
51/49		.1	.2	.2	.1													6	6	22	44														
48/47		.1	.2															3	3	15	28														
46/45																					41														
44/43			.1															1	1	6	17														
42/41																				1	6														
40/39																					7														
38/37																					8														
36/35																					4														
34/33																					1														
32/31																					2														
TOTAL		2.3	21.7	27.4	23.6	14.9	7.3	2.0	.4	.3									929	929		929													
Element (X)	ΣX ²	ΣX	X	ΣX	No. Obs.	Mean No. of Hours with Temperature	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Rel. Hum.	555320	70816	76.2	13.913	929																														
Dry Bulb	4113468	61515	66.2	6.579	929	51.6	15.2	.7			93																								
Wet Bulb	3556157	57161	61.9	6.488	929	23.9	1.0				93																								
Dew Point	3203682	54062	58.2	7.879	929	.2	13.6	.2			93																								

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

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17713 SEYMOUR-JOHNSON AFB NC
 STATION STATION NAME

60-77,73-70

YEARS

MAY
 MONTH

PAGE 1

ALL
 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1	2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. Wet Bulb	Dry Bulb Dew Point																
90/ 90																																	2	2		
84/ 92																																	13	13		
82/ 91																																	45	45		
83/ 89																																	97	27		
88/ 87																																	104	104		
86/ 85																																	144	144		
84/ 83																																	186	186		
82/ 81																																	263	263		
77/ 79																																	327	327	3	
77/ 77																																	411	411	37	1
75/ 75																																	435	435	113	15
74/ 72																																	528	528	203	59
72/ 71																																	620	527	491	177
77/ 69																																	743	743	633	315
68/ 67																																	717	717	812	513
66/ 65																																	532	532	905	694
64/ 63																																	459	459	816	676
62/ 61																																	360	360	680	768
60/ 59																																	363	363	596	629
59/ 57																																	313	313	499	603
55/ 55																																	250	250	422	505
54/ 53																																	217	217	374	496
52/ 51																																	124	124	339	441
50/ 49																																	82	82	194	359
46/ 47																																	48	48	144	254
46/ 45																																	33	33	179	248
44/ 43																																	9	9	30	168
42/ 41																																	7	7	23	159
41/ 39																																	1	1	9	113
36/ 37																																	1	1	1	68
36/ 35																																				63
34/ 33																																				35
32/ 31																																				40
30/ 29																																				19
Element (X)	Σ X ²	Σ X	X	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																																				

2019
 USAFETAC FORM 44 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFC WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17713 SEYMOUR-JOHNSON AFB NC 68-77, 73-75 MAY
STATION STATION NAME YEARS MONTH

PAGE 2 ALL HOURS U.S.T.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B., W.B. Dry Bulb	Wet Bulb Dew Point														
77/77																																	
76/75																																	
74/73																																	
72/71																																	
TOTAL	7.7	22.4	19.4	12.3	10.6	8.1	6.7	6.2	4.9	3.2	1.7	.9	.7	.1			7437	7437															
Elemen (X)	$\sum x^2$	$\sum x$	\bar{x}	σ_s	No. Obs.	Mean No. of Hours with Temperature					Total																						
Rel. Hum.	39198395	519743	69.9	19.665	7437	= 0 F	= 32 F	= 47 F	= 73 F	= 80 F	= 93 F	744																					
Dry Bulb	36066544	513106	69.0	9.460	7437			464.0	256.2	107.4	2.7	744																					
Wet Bulb	29165039	462621	62.2	7.219	7437			229.2	35.6	.1		744																					
Dew Point	25175518	427594	57.5	8.913	7437			7.6	168.0	7.8		744																					

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

19713 SEYMOUR-JOHNSON AFB AC 66-70, 73-79 YEARS JUN
 STATION STATION NAME 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														
81			.6															5	5																
79		.3	.7	.6	.7													23	27	1															
77		1.3	1.6	.1	.4													31	31	17	3														
75		2.6	3.6	1.7	.7													70	70	30	15														
73	.4	7.3	5.3	1.9	.2		.1											138	138	71	53														
71	1.2	10.8	5.2	1.4	.2	.1	.1											172	172	139	115														
69	.6	7.1	6.8	1.7	.2	.2	.1											150	177	162	125														
67		3.4	4.4	1.7	.7	.1												87	87	114	129														
65	.1	4.9	2.9	1.2	.3		.1											86	86	90	99														
63		3.1	1.1	1.4	.3	.1												55	55	90	89														
61		2.0	2.6	.4	.2													47	47	64	83														
59	.2	1.0	1.0	.1		.1												12	22	54	54														
57		.4	.4	.1	.1													10	10	42	37														
55		.1	.2		.2													5	5	11	44														
53			.1															1	1	12	19														
51			.1															1	1	2	15														
49																				5	9														
47																					1														
45																					5														
43																					4														
TOTAL	2.644	4.436	6.110	4.3	.7	.4												900	900	900	900														

Element (X)	Σx^2	Σx	\bar{x}	s_x^2	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	6662163	76989	85.5	9.131	900	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	4395619	62741	69.7	4.925	900			67.3	26.4	1.4		90
Wet Bulb	404857	60173	66.9	5.326	900			52.7	11.2			90
Dew Point	3854746	58632	65.1	6.246	900			44.0	7.1			90

2020 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

17713 SEYMOUR-JOHNSON AFB NC 66-70, 73-75 JUN
STATION STATION NAME YEARS MONTH
PAGE 1 0370-0500
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
70/ 70				.6	.1	.1												7	7																	
75/ 77		.9	1.0	.1	.2	.1	.1											22	22	1																
76/ 75	.1	3.3	1.2	.4	.1													47	47	1	c															
74/ 73	.7	6.1	2.3	.2	.1													90	90	7	51															
72/ 71	1.9	10.2	4.3	.3	.1													156	156	117	96															
7 / 69	1.1	10.0	6.2	.4	.2													162	162	124	135															
60/ 67	.7	6.2	4.1	1.0	.1	.1												110	110	143	130															
66/ 65	.4	4.8	2.1	.7	.4	.3												80	80	112	115															
64/ 63	.1	7.5	1.6	.3														85	85	79	60															
62/ 61		3.1	1.8	.4														48	48	84	84															
58/ 59	.2	2.3	2.0	.2	.3	.1												47	47	53	61															
58/ 57		1.3	1.2	.3														26	26	45	55															
50/ 55		.7	.8															13	13	29	36															
54/ 53				.3														3	3	19	27															
52/ 51		.1	.2															3	3	9	16															
50/ 49																				3	14															
48/ 47																					7															
46/ 45																					2															
44/ 43																					3															
42/ 41																					2															
TOTAL	5.3	56.6	29.4	6.0	1.8	.9	.1												899		899															
Element (X)	Σx'	Σx	X	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total																								
Rel. Hum.	7046840	79250	88.2	8.220	899	0 F	32 F	67 F	73 F	80 F	93 F																									
Dry Bulb	4187736	61178	68.1	5.223	899			59.5	16.6	.3		90																								
Wet Bulb	3917413	59133	65.8	5.57	899			45.4	7.9			90																								
Dew Point	3767304	57918	64.4	6.326	899			39.2	5.9			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

17713 SEYMOUR-JOHNSON AFB NC 68-72, 73-79 JULY
 STATION STATION NAME YEARS MONTH

PAGE 1 2003-08-01
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point													
86/ 87							.1												1	1															
86/ 85								.1											2	2															
84/ 83				.2					.2										4	4															
82/ 81			.4	.9	.2	.3													17	17															
81/ 79		.1	1.7	1.2	.6	.6													37	37	1														
79/ 77		1.7	2.2	1.1	.7	.2	.1												56	56	11	2													
76/ 75	.4	4.7	3.2	2.7	1.3	.3													114	114	57	32													
74/ 73	.6	6.7	4.6	2.8	.4														135	135	69	69													
72/ 71	.9	5.9	5.1	1.4	1.7	.7													135	135	137	121													
71/ 69	.9	5.9	4.2	1.9	1.7	.1	.1												127	127	128	106													
68/ 67	.8	3.7	4.9	1.7	.4	.3													100	100	129	127													
66/ 65	.4	3.3	2.0	.9	.4	.2	.1												66	66	96	109													
64/ 63	.1	2.7	1.2	.8	.6	.2													44	44	91	97													
62/ 61		1.8	1.1	.1	.1	.2													30	30	47	69													
60/ 59	.2	.8	.6	.2	.1	.1													18	18	48	60													
58/ 57		.4	.3	.1															8	8	23	32													
56/ 55		.2	.1	.2															5	5	14	29													
54/ 53																					12	16													
52/ 51			.1																1	1	4	13													
50/ 49																					2	5													
48/ 47																						4													
46/ 45																						5													
44/ 43																						5													
42/ 41																						1													
TOTAL	4.2	37.1	31.8	15.6	7.2	3.4	.4	.2											900	900	900	900													
Element (X)	Zx'	Zx	X	σx	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	6402183	75287	83.7	10.769	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb	4558775	63879	71.0	5.318	900			72.8	36.6	3.8		90																							
Wet Bulb	4139952	60846	67.6	5.387	900			56.4	17.0			90																							
Dew Point	3914681	59089	65.7	6.306	900			65.7	10.3			90																							

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 22210

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

65-70, 73-79
YEARS

JULY
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														
97/97								.1		.1								3	7																
96/91							.2	.2	.3									7	7																
95/89						.2	.6	.3	.1	.1	.1	.1						14	14																
94/97					.4	1.1	1.4	1.3	.6	.1								42	42																
93/85				.3	1.4	2.2	1.4	1.3	.6	.1								67	67																
92/83	.1		.3	2.4	2.4	1.9	2.1	2.1	.6	.3								111	111	1	1														
91/81			1.6	2.7	3.6	2.3	2.4	.9	.2									132	132	1	1														
90/79		.6	2.2	3.6	2.4	3.1	2.1	1.2	.1									138	138	77	1														
89/77		.8	2.2	2.6	3.3	1.8	1.3	.7	.2	.1								117	117	79	17														
88/75		1.7	1.3	2.3	1.4	2.1	.9	.8	.4									93	93	113	54														
87/73		1.2	1.2	1.4	.3	1.1	.8	.8										62	62	155	42														
86/71	.1	.6	1.1	1.2	.6	.7	.6	.3										46	46	134	115														
85/69		.6	1.1	.2	.2	.4	.2	.3	.1									28	28	178	11														
84/67		.3	.8	.3	.1	.2	.8		.1									24	24	94	100														
83/65		.8	.2			.2	.1	.1										13	13	67	94														
82/63		.3																3	3	46	57														
81/61																				70	61														
80/59																				11	47														
80/57																				11	29														
80/55																				7	26														
84/53																				2	15														
82/51																				2	13														
82/49																					9														
82/47																					9														
86/45																					7														
84/43																					3														
82/41																					1														
86/37																					2														
TOTAL	.2	6.1	12.0	17.1	16.3	18.4	15.0	10.2	3.3	.9	.1	.2						900	900	900	900														
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	$\pm 0 F$	$\pm 32 F$	$\pm 67 F$	$\pm 73 F$	$\pm 80 F$	$\pm 93 F$	Total																							
Rel. Hum.	4107319	59529	66.1	13.768	900																														
Dry Bulb	5644972	71108	79.0	5.461	900			88.4	78.6	43.9	.3	90																							
Wet Bulb	4529385	63679	70.8	5.147	900			72.2	37.6	.7		90																							
Dew Point	3993352	59622	66.2	6.964	900			48.7	16.5	.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

17113 SEYMOUR-JOHNSON AFB NC 68-70, 73-79 JUL
 STATION STATION NAME YEARS MONTH

PAGE 1 120-1433
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb/Wet Bulb/Dew Point																
78/ 97												.1	.1					2	2																
76/ 95										.2	.4	.2						13	13																
74/ 93						.1	.8	.6	.4	.1	.2							20	20																
72/ 91					.1	.1	.4	1.4	1.4	.9	.8	.1						49	49																
70/ 89					.4	.9	1.7	1.3	1.7	1.8	.3	.1						74	74																
68/ 87			.1	.6	1.5	2.1	2.4	3.4	1.6	.7	.1							113	113																
66/ 85		.2	.1	1.8	2.9	2.1	4.6	2.7	1.4	.1								143	143																
64/ 83		.1	.9	2.2	2.3	2.1	2.1	.9	.3									98	98	2															
62/ 81		.3	.6	3.3	2.0	1.1	2.2	1.2	.4	.1								102	102	13	1														
60/ 79		.4	2.8	2.4	1.9	1.8	1.9	1.7	.4									114	114	76	7														
73/ 77		.2	1.4	.6	.9	.2	1.7	.6	1.2	.1								56	56	86	11														
76/ 75		.9	.1	.4	.2	.4	.4	.4	.6	.2								34	34	112	31														
74/ 73		.8	.2	.3	.6		.4	.6	.1									27	27	195	92														
72/ 71		.1	1.0	.1	.1	.2	.1	.3	.2									24	24	130	123														
70/ 69		.2	.6	.2														10	10	112	101														
68/ 67		.2	.2	.1				.1										10	10	62	95														
66/ 65		.4	.1	.2														7	7	50	97														
64/ 63		.1	.1															2	2	29	83														
62/ 61		.1	.1															2	2	31	72														
60/ 59																				5	61														
58/ 57																				9	43														
56/ 55																					28														
54/ 53																				4	14														
52/ 51																					15														
50/ 49																					15														
48/ 47																					7														
46/ 45																					6														
44/ 43																					3														
42/ 41																					2														
40/ 39																					1														
TOTAL		3.1	5.6	6.4	12.7	12.7	12.2	19.1	15.3	8.2	2.6	1.0	.1					900	900	900															
Element (X)	Zx'	Zx	X	X	No. Obs.	Mean No. of Hours with Temperature					Total																								
Rel. Hum.	3122019	51383	57.1	14.478	900	± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total																							
Dry Bulb	6246825	74793	83.1	6.084	900			88.9	84.5	67.5	3.5	90																							
Wet Bulb	4645729	64507	71.7	4.972	900			75.8	44.6	2.7		90																							
Dew Point	3916841	59039	65.6	6.992	900			44.8	14.9	.3		90																							

USAFETAC FORM 0-26-5 (OL A) REISED METHOD TECHNIQUE OF THIS FORM ARE OBSOLETE
 28220

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1713 SEYMOUR-JOHNSON AFB NC

68-77, 73-75

JUN

STATION

STATION NAME

YEARS

MONTH

PAGE 1 15.5-1700
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														
15/99																		1	1																
17/97										.2	.1	.1	.1		.1		7	7																	
18/95									.2	.1	.1	.1	.1				12	12																	
19/93									.4	.4	.4	.4					27	27																	
21/91						.2	.7	1.3	1.3	1.6	.4	.8	.1				58	58																	
23/89					.4	.1	.2	2.0	1.6	1.6	1.1	.7	.2				67	67																	
24/87					.7	2.3	2.4	2.0	4.9	.8	1.0	.2					124	124																	
26/85				.2	.6	1.9	1.9	4.4	2.7	1.7	.2						119	119																	
27/83			.1	.3	.4	2.1	1.6	1.4	2.3	.3							79	79																	
29/81			.2	.4	1.6	2.2	1.3	1.7	2.6	.8							97	97	0																
30/79		.3	.7	2.3	1.7	1.3	.7	2.2	1.2	.6	.1						100	100	23	4															
31/77		1.0	3.7	.7	1.7	.4	.4	.5	1.3	.6							85	85	67	9															
32/75		1.0	1.9	1.0	.7	.1		.6	.1	.2							62	62	126	27															
34/73		.6	1.0	.1	.1			.2	.3	1							72	72	178	83															
37/71		.4	.6	.2				.1	.3								15	15	142	112															
39/69		.3	.8	.3	.1	.1											15	15	118	108															
40/67		.3	.6	.3	.2												13	13	71	103															
45/65		.3	.2	.1													6	6	67	105															
47/63																			36	97															
52/61																			24	37															
57/59		.1															1	1	11	58															
59/57																			7	47															
56/55																			2	41															
54/53																				22															
52/51																				21															
50/49																				12															
47/47																				5															
46/45																				7															
44/43																				3															
42/41																				1															
38/37																				1															
TOTAL	4.4	9.0	6.1	7.3	10.8	9.2	17.6	19.2	9.2	4.1	2.2	.6	.1				900	900	900	900															
Element (X)	ΣX^2	ΣX	\bar{X}	s_n	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.	3112102	50836	56.5	16.361	900	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																							
Dry Bulb	6256327	74823	83.1	6.310	900			85.3	85.7	64.6	4.7	97																							
Wet Bulb	4603805	64233	71.4	4.657	900			75.3	42.2	1.6		97																							
Dew Point	3851949	58551	65.1	6.901	900			42.3	10.3			90																							

USAFETAC FORM 164 0-76-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1713 SEYHOUR-JOHNSON AFB MC 66-70,73-79 YEARS

PAGE 1 1600-2000 MONTH HOURS (L.S.T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3	4	5-6	7-8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B. Dry Bulb	Wet Bulb Dew Point				
97																														1	1				
96																														2	2				
95																														5	5				
94																														8	8				
89																														20	20				
87																														38	38				
85																														53	53				
83																														83	83				
81																														108	108				
79																														119	119				
77																														139	139				
75																														123	123				
73																														77	77				
71																														93	93				
69																														33	33				
67																														26	26				
65																														11	11				
63																														3	3				
61																																			
59																														17	17				
57																														6	6				
55																														4	4				
53																														4	4				
51																															16				
49																															9				
47																															6				
45																															3				
43																															1				
41																															3				
39																															1				
TOTAL																															900	900			

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
el. Hum.	4179646	59662	66.3	15.803	900	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	5567510	70604	78.4	5.651	900			88.6	77.4	36.0	.8	90
Wet Bulb	4448100	63130	70.1	4.703	900			69.4	33.2	.6		90
Dew Point	3907525	59003	65.6	6.616	900			45.0	11.0	.4		90

FORM 0-26-5 (C. 2) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAF/TAC

GLOBAL CLIMATOLOGY BRANCH
 USAF/1AC
 AIR WEATHER SERVICE/1AC

PSYCHROMETRIC SUMMARY

1713 SEYMOUR-JOHNSON AFB NC 68-70, 73-79 STATION STATION NAME YEARS MONTH

PAGE 1 2100-2310 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	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														
95								.1										1	1																
85						.1	.2											3	3																
83			.2	.3	.4	.4	.7											16	16																
81			1.2	.8	.4	.2												22	22																
79		.1	1.0	1.3	1.3	1.7	.3		.1									51	51	5	1														
77		.7	3.0	1.9	2.1	.4	.2	.1										76	76	15	7														
75		4.8	4.7	3.3	3.7	.4	.1											153	153	35	14														
73	.5	7.7	5.1	4.4	1.9	.8	.3	.1										186	186	135	75														
71	.3	4.8	4.9	3.2	1.2	.2	.1	.1										134	134	154	132														
69	.3	3.3	3.1	2.2	1.4	.6	.1											97	97	135	131														
67		1.1	3.2	1.4	.9	.3												63	63	129	95														
65		.8	1.8	1.3	.9	.2	.2											46	46	95	103														
63		1.2	.6	1.0	.2		.1											29	29	69	96														
61		.7		.7		.1	.1											14	14	55	83														
59		.3	.1	.4		.2												10	10	37	56														
57																				24	35														
55																				17	27														
53																				4	21														
51																				4	14														
49																				1	7														
67																					6														
45																					1														
41																					5														
39																					1														
TOTAL	1.0	25.1	28.9	22.7	14.6	5.1	2.7	.3	.3									900	900	900	900														

Element (X)	Σ X'	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	571734	71304	79.2	11.676	900							
Dry Bulb	4781765	65459	72.7	4.859	900			80.2	50.8	5.9	.1	900
Wet Bulb	4219765	61461	68.3	5.313	900			81.2	19.1	.1		900
Dew Point	3923363	59155	65.7	6.261	900			45.5	9.7			900

USAF/TAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17713 SEYMOUR-JOHNSON AFB NC STATION
 STATION NAME

68-70, 73-79 YEARS

JULY 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																	
3/ 99												.1																			1	1						
8/ 97												.1	.1	.1																	23	23						
96/ 95												.2	.2	.2																	28	28						
4/ 93										.1																					55	55						
97/ 91								.1	.1	.2	.4	.4	.3	.2	.1	.1														122	122							
7/ 89				.1	.1	.2	.3	.5	.5	.4	.2	.1																			175	175						
87/ 97				.3	.1	.2	.7	.9	.7	1.2	.4	.2	.1																		316	316						
67/ 85				.7	.1	.6	1.0	.9	1.5	.8	.4	.1																			357	397						
47/ 83				.1	.6	.9	1.1	1.1	.9	.6	.3																				391	391	6	1				
77/ 81				.6	.8	1.5	1.5	.8	.7	.6	.2	.1																			453	423	24	3				
57/ 79			.2	.9	2.1	1.5	1.4	.9	.9	.4	.1	.1																				586	586	174	18			
77/ 77			.9	2.3	1.2	1.9	.6	.6	.4	.4	.1																					582	522	301	19			
65/ 75	.1	2.7	2.4	1.6	1.2	.8	.2	.4	.3	.1																							686	666	586	206		
74/ 72	.3	4.1	2.6	1.7	.7	.3	.3	.2	.1	.1																							737	737	1108	572		
70/ 71	.6	4.3	3.0	1.1	.6	.4	.2	.2	.1																								735	735	1189	931		
77/ 69	.4	3.5	3.7	.9	.4	.2	.1	.1	.1																								622	622	1047	891		
67/ 67	.2	2.7	2.5	.7	.3	.2	.1																										433	433	879	878		
64/ 65	.1	1.9	1.2	.6	.3	.1	.1	.1																									315	315	676	831		
47/ 63	.1	1.8	.6	.4	.1	.1																											220	220	477	718		
77/ 61	.1	1.7	.7	.2	.1	.1	.1																										141	141	364	584		
77/ 59	.1	.6	.5	.1	.1	.1																											98	98	240	454		
57/ 57		.3	.3	.1	.1																												44	44	162	319		
58/ 55		.1	.1	.0	.0																												23	23	83	262		
54/ 53			.1	.0																													4	4	52	154		
52/ 51		.0	.1																														5	5	21	124		
57/ 49																																				11	75	
67/ 47																																			3	47		
46/ 45																																					36	
44/ 43																																					18	
42/ 41																																					19	
40/ 39																																					3	
38/ 37																																					3	
TOTAL	1.723	4.20	9.12	3.3	9.9	8.5	6.5	7.1	5.7	2.5	1.7	.4	.1	.0																						7199	7199	7199
Element (X)	$\sum x^2$	$\sum x$	\bar{x}	ρ_x	No. Obs.	Mean No. of Hours with Temperature																																
Rel. Num.	40402006	524232	72.9	17.591	7199	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total																										
Dry Bulb	41641529	144561	75.6	7.869	7199			635.0	456.0	225.4	9.4	720																										
Wet Bulb	3452744	197164	69.1	5.510	7199			509.4	212.8	5.7		720																										
Dew Point	31129761	471008	65.4	0.600	7199			355.2	85.2	.8		720																										

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

2824

GENERAL CLIMATOLOGY BRANCH
USAFETAC
ATM WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17-13 STATION SLEYMOUR-JOHNSON AFB NC

60-70, 73-79 YEARS

JUL MONTH

PAGE 1 0000-1200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	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																		
87/81																																			1	1				
86/87																																			1	1				
85/85																																			4	4				
84/85			.1		.1																													5	5					
83/81				.3	.6																													12	12	1	1			
82/79		1.2	1.7	1.9	.5																													47	47	4	4			
81/77		3.4	4.3	1.7																														80	89	74	7			
80/75		.9	1.8	7.1	2.6	.3																												211	211	102	64			
79/73		.6	1.4	6.2	7.7																													219	219	219	161			
78/71	1.7	9.5	5.5	.9	.2																													162	162	207	215			
77/69		.4	5.1	2.9	.9																														78	58	169	181		
76/67		.2	2.3	2.0	.4																														48	43	86	121		
75/65		.1	1.9	.4	.1																														24	24	46	75		
74/63			.9	.6																															14	14	44	48		
73/61			.3	.1																															4	4	14	21		
72/59			.1																																1	1	13	21		
71/57																																					1	1	7	7
70/55																																							5	5
69/53																																							3	3
TOTAL	4.7	50.6	31.8	9.9	8.2	.8	.9	.1																												930	930	930	930	

USAFETAC FORM 0-26-5 (OL A) REVISION 10/64

Element (X)	Z _X ¹	Z _X	X	s _X	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	7214263	81595	87.7	7.722	930							93
Dry Bulb	5031797	68314	73.5	3.843	930			88.7	58.9	3.7		93
Wet Bulb	4687862	65938	70.9	3.710	930			81.6	35.4	.2		93
Dew Point	4522515	64741	69.6	4.103	930			75.0	23.3	.1		93

LOCAL CLIMATOLOGY BRANCH
SAFETAC
AFW WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1973 JELMOUR-JOHNSON AFB NC 68-70, 73-77
STATION STATION NAME YEARS

MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point																
64/ 83																																	2	2			
67/ 81					.4	.4																											8	8			
71/ 77			.9	.6	.1																												15	15			
67/ 75		2.5	1.8	.1	.1																												42	42	5	2	
74/ 73	.8	1.5	5.1	2.1		.1																											181	181	76	41	
72/ 71	2.4	13.7	5.3	2.2		.1																											219	219	154	127	
71/ 69	1.9	12.6	5.4	.2		.1																											188	188	209	191	
68/ 67	1.4	8.4	2.7	.2		.2																											117	117	139	249	
66/ 65	.4	4.0	1.7	.2		.2																											61	61	169	122	
64/ 63	.6	2.9	1.2		.3																												47	47	60	93	
62/ 61		2.3	.4																														25	25	42	51	
61/ 59		.8	.6																														13	13	28	22	
58/ 57		1.0	.1																														10	10	15	21	
58/ 55		.2																															2	2	17	14	
54/ 53																																				1	10
52/ 51																																				5	3
TOTAL	7.2	59.7	25.2	6.1	1.2	.8																												930	930	924	930

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

Element (X)	Σx^2	Σx	\bar{x}	s_x^2	No. Obs.	Mean No. of Hours with Temperature					Total	
						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	7547824	83502	89.8	7.367	930							
Dry Bulb	4829023	66913	71.9	3.974	930			87.3	46.7	1.4		93
Wet Bulb	4556256	64988	69.9	4.008	930			76.8	26.5			93
Dew Point	4423138	64004	68.8	4.437	930			69.8	18.1			93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17713 SEYMOUR-JOHNSON AFB AC 68-70, 73-79 JUL MONTH
STATION STATION NAME YEARS
PAGE 1 7600-0800 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																
87/87						.1	.1	.1										3	3																		
86/85						.1												1	1																		
84/83				.4	.4	.1												11	11																		
81/81			1.2	1.2	.4	.1												25	25																		
79/79		1.2	3.5	2.7	1.5	.3												79	79																		
77/77	.1	4.6	5.3	2.5	.9	.2												126	176	42	17																
75/75	1.3	9.5	6.9	2.8	.3	.2												191	191	132	52																
74/73	1.7	12.7	4.8	2.8	.2	.2	.1											205	205	218	162																
72/71	1.2	7.2	4.2	.2	.4	.1												124	124	213	208																
71/69	1.7	4.6	1.9	.5	.3	.2												80	80	126	173																
68/67	.3	2.4	1.4	.4	.1													43	43	92	104																
67/65	.2	1.5	.3	.6														25	25	41	73																
64/63		.9	.2	.1														11	11	35	29																
62/61		.4	.2															5	5	12	26																
59/59		.1																1	1	9	17																
58/57																				3	13																
55/55																					9																
54/53																					2																
TOTAL	5.8	45.1	29.4	13.1	4.4	1.9	.2	.1										930	930	930	930																

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7058946	80588	86.7	9.026	930							
Dry Bulb	5113808	68856	74.0	4.124	930			88.7	64.0	7.6		93
Wet Bulb	4727740	66212	71.2	3.844	930			82.4	39.3			93
Dew Point	4544110	64884	69.8	4.315	930			76.1	25.6			93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17713 SEYMOUR-JOHNSON AFB NC 65-70, 73-70 JUL
STATION STATION NAME YEARS MONTH
PAGE 1 990-1100
HOURS (L, S, T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.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	Wet Bulb	Wet Bulb	Dew Point															
98/97																		.2													3	3			
96/95																															2	2			
94/93																															4	4			
92/91																															12	12			
91/89																															35	35			
89/87																															37	37			
88/85					.1																										139	139			
87/83					1.1	5.2	4.5	2.9	1.7																					152	152		1		
85/81			.3	3.2	4.5	3.2	3.1																							147	147	4	1		
83/79			.5	3.2	4.5	1.9	1.6	1.7																						151	151	35	3		
79/77			1.8	3.2	1.8	1.1	1.0																							92	92	276	58		
75/75			2.2	3.1	.9	.6	.5	.4																						72	72	232	163		
74/73		.2	1.2	1.2	1.0	.3	.4	.1																						41	41	187	175		
73/71			1.0	.2	.1	.2	.1																							15	15	100	105		
72/69			.4		.1																									5	5	58	144		
69/67			.2																											2	2	36	34		
66/65				.1																										1	1	25	36		
64/63																																12	32		
62/61																															4		21		
61/59																																		25	
59/57																																			8
56/55																																			11
54/53																																			3
52/51																																			1
50/49																																			1
46/47																																			1
TOTAL	.2	7.7	15.3	19.9	18.5	19.1	9.4	6.3	2.4	.9	.3																			930	930	930			
Element (X)	Σx'	Σx	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature					Total																								
Rel. Hum.	4743988	65382	70.3	12.597	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																								
Dry Bulb	6247328	76098	81.8	4.703	930			92.9	90.7	65.7	.9																							93	
Wet Bulb	5154938	69154	74.4	3.698	930			68.9	69.3	2.3																								93	
Dew Point	4691089	65893	70.9	4.910	930			79.3	40.0	.1																								93	

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

2026

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17713
 STATION

SEYMOUR-JOHNSON AFB NC
 STATION NAME

68-70, 73-79
 YEARS

JUL
 MONTH

PAGE 1 1230-1400
 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																
4/173														.2																	2					
2/171															.1												.1				4					
6/95																.1	.1										.1				3					
6/97															.3	.1	.2														6					
6/95														.3	.3	.6	.6														22		22			
94/93								.1	.3	1.3	2.5	1.8	.8																	63		63				
2/91								.5	2.0	2.3	2.9	.9	.2																	91		81				
1/85					.1	.5	3.2	5.5	2.9	1.5	1.2	.4	.1																	144		144				
8/87					.3	2.2	6.1	3.9	1.7	1.3	.5	.4	.1																	147		147				
6/85				.2	.9	2.9	4.1	3.3	2.6	.9	.8	.1	.2																	144		144				
4/85				.3	2.5	2.9	1.7	1.8	1.7	.5	.6	.1																		115		115		3		
2/81				.5	2.1	1.9	1.4	1.1	.6	1.1	.1																			81		31		41		
6/76	.1	1.0	1.5	.4	.5	.1	.2	.2																						38		39		121	16	
7-7/77	.6	1.2	.2	.4	.3	.2	.1	.1																						30		30		201	44	
76/75	.2	.9	.8	.5	.2	.2																								24		24		175	114	
74/73	.9																													17		17		138	178	
72/71			.4																											3		3		133	163	
7-7/69			.1																											1		1		46	126	
6/67	.1	.1	.1																											3		3		33	81	
6/65																															3		21		69	
84/63	.2																													2		2		7	42	
2/61																																	1		38	
5/59																																				11
58/57																																				21
56/55																																				14
54/53																																				5
52/51																																				3
50/49																																				3
TOTAL	.2	2.8	5.3	9.0	11.3	18.3	18.0	13.5	11.9	7.0	2.9	.8	.4	.3																930		930		930		
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.			Mean No. of Hours with Temperature						Total																						
Rel. Hum.	3505553	55695	57.9	13.3	930			= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total																						
Dry Bulb	6939934	80182	86.2	5.378	930					92.8	92.1	83.9	13.0	93																						
Wet Bulb	5269648	69916	75.2	3.808	930					70.1	71.9	8.7		93																						
Dew Point	4592402	65158	70.1	5.419	930					72.4	35.4	.7		93																						

USAFETAC FORM 8-64 0-26-5 (OL A) REVISIONS PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13713 SEYMOUR-JOHNSON AFB NC 68-70, 73-79 JUL
 STATION STATION NAME YEARS MONTH
 PAGE 1 1970-1979
 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	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
104/103																		1	1		
102/101												.1	.2					4	4		
100/99												.3	.1					4	4		
98/97									.1	.3	.4	.2						17	17		
96/95								.1	.5	1.3	1.1	.7						31	31		
94/93							.3	.9	1.9	1.9	1.1	.7						58	58		
92/91					.1	.4	1.7	3.3	2.4	1.9	.4							96	96		
90/89					1.1	1.6	3.4	3.9	1.7	1.1	.4	.1						121	121		
98/87				.1	.3	4.8	3.3	2.3	1.7	.9	.8	.1				.1		138	138		
86/85			.1	.2	2.9	5.3	1.6	3.2	1.3	.9	.4	.1						149	149		
84/83		.1	.3	1.2	2.7	1.9	1.9	1.1	.6	.8	.1							99	99	4	
82/81			.8	1.6	.4	.3	.9	1.1	.3									56	56	29	1
80/79		.3	1.6	1.3	1.7	.4	.3	.3										49	57	89	13
78/77		1.1	1.2	.6	.7	.2	.2	.3										36	36	236	26
76/75	.2	1.5	1.7	1.0	.3	.2	.1											47	47	191	97
74/73	.1	1.6	.2	.5		.1												24	24	145	170
72/71		.4					.1											5	5	132	174
70/69																				38	121
68/67																				49	99
66/65																				18	72
64/63																				2	53
62/61																					29
60/59																					26
58/57																					21
56/55																					15
54/53																					7
52/51																					1
50/49																					1
48/47																					1
46/43																					1
TOTAL	.3	5.0	5.9	6.6	9.5	15.8	14.3	16.4	10.1	9.1	4.7	1.6	.4	.2				928	929	928	928

Element (X)	Zx'	Zx	X	%	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	3488041	55143	59.4	15.106	928	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	6912366	79958	86.1	5.730	929			93.0	92.5	79.4	10.8	93
Wet Bulb	5204798	69410	74.8	3.651	928			90.9	68.9	5.1		93
Dew Point	4511487	64509	69.9	5.418	928			70.2	30.8	.5		93

2870
 USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/4AC

PSYCHROMETRIC SUMMARY

1713 SEYMOUR-JOHNSON AFB AC 68-70, 73-79 JUL
STATION STATION NAME YEARS MONTH

PAGE 1 1630-2000
HOURS (L S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
12/99											.1	.1						2	2																
14/97										.1								2	2																
16/95										.1	.1							3	3																
14/93								.1	.2	.4	.1							8	8																
12/89						.1	.1	.3	.2	.2	.1							16	16																
18/87				.1	.3	2.2	2.2	.5	.4	.3	.2							43	43																
16/85			.3	.3	2.4	3.7	1.5	1.5	.4	.1								98	98																
14/83		.1	.8	4.2	3.7	2.2	1.1	.8	.5	.1								125	125	2															
12/81		.2	2.7	2.5	3.4	1.5	1.5	.6	.2									116	118	11	3														
10/79		.8	3.1	4.2	3.3	1.7	.8	.4	.2									132	132	43	7														
74/77		1.9	3.0	2.4	1.9	.4	.6	.8										103	103	159	32														
72/75	.8	4.6	2.9	1.8	.7	.5	.2	.1										108	119	191	104														
74/73	.4	4.0	1.6	.8	.4	.6	.2	.1										76	76	199	171														
72/71	.3	2.3	.2	.1	.2		.1											30	30	151	196														
70/69		.4	.1	.1														6	6	98	161														
68/67																				38	67														
66/65																				28	57														
74/63																				13	34														
62/61																				1	27														
60/59																				1	19														
58/57																					21														
56/55																					11														
54/53																					3														
52/51																					2														
50/49																					1														
TOTAL	1.3	14.3	14.6	16.5	17.0	13.1	9.4	7.3	3.7	1.8	.8	.2						929	930	929	929														
Elemen. (X)	Z _x ²	Z _x	X	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total																								
Rel. Hum.	4907737	66077	71.1	14.967	929	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb	6110600	75224	80.9	5.293	930			93.0	89.4	55.1	1.5	93																							
Wet Bulb	5046850	68390	73.8	3.625	929			88.7	60.8	2.5		93																							
Dew Point	4586095	65109	70.1	4.971	929			75.5	31.7	.6		93																							

USAFETAC FORM 10-64 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15713 SEYMOUR-JOHNSON AFB NC
 STATION STATION NAME

68-70, 73-79
 YEARS

JUL
 MONTH

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

Temp. /	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	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														
87/ 89							.1	.1										3	3																
86/ 87						.1	.1	.1										3	3																
85/ 85					.1	.1	.1	.1										8	9																
84/ 83		.1	.1	.4	1.7	.1	.1											17	17																
82/ 81		.6	1.8	2.6	1.6	.4												66	66	3	2														
80/ 79		1.5	4.8	3.3	1.7	.5												111	111	14	3														
78/ 77		4.3	6.6	3.9	1.4													150	150	52	15														
76/ 75	.6	9.6	9.9	2.7	1.1	.5												227	227	169	91														
74/ 73	.9	9.0	5.2	3.1	.9	.1	.3											177	179	238	179														
72/ 71	.2	4.8	2.9	1.1	1.7	.3	.1											98	99	204	231														
70/ 69	.1	1.5	1.5	.9	.1		.1											42	42	116	168														
68/ 67	.1	.5	1.7	.4	.1		.1											21	21	62	82														
66/ 65		.1	.2	.1														4	4	19	59														
64/ 63		.1	.1															2	2	23	39														
62/ 61																				1	26														
60/ 59																				2	17														
58/ 57																				2	8														
56/ 55																					5														
54/ 53																					3														
50/ 49																					2														
48/ 47																					1														
TOTAL	1.7	32.3	34.1	16.5	9.1	2.7	1.4	.1											929	930	929														

Element (X)	Σx'	Σx	Σ	Σ _n	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	6511423	77233	83.1	9.881	929	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	5345013	70417	75.7	3.774	930			92.4	76.3	14.9		93
Wet Bulb	4828949	66893	72.0	3.640	929			85.1	46.9	.5		93
Dew Point	4589269	65169	70.1	4.434	929			77.1	28.9	.4		93

2080
 USAFETAC FORM 0-26-5 (OL A)
 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

13713 SEYMOUR-JOHNSON AFB MC 68-70, 73-79 JUL
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. Wet Bulb	Dry Bulb Wet Bulb Dew Point			
41/ 3												.7	.7					2	3			
2/ 17												.1	.1	.7				3	3			
8/ 59										.1								9	9			
8/ 97								.1	.1	.1	.1							7	21			
6/ 95								.1	.2	.3	.2	.1						58	58			
4/ 93						.7	.1	.3	.5	.5	.2	.7						133	133			
2/ 91					.7	.1	.5	.5	.8	.4	.1							276	236			
7/ 89				.7	.4	.8	1.5	1.5	.4	.3	.1	.1						346	346			
8/ 87			.7	.1	.5	2.2	1.4	.6	.7	.3	.2	.7		.1				447	447			
6/ 85			.1	.9	1.7	2.3	1.7	1.7	.4	.2	.1	.7						541	541			
4/ 83		.1	.3	1.7	2.1	1.1	.8	.9	.9	.2	.2							526	526	10		
2/ 81		.1	1.3	1.9	1.5	.9	.5	.3	.3	.1	.1							513	513	95	10	
0/ 79		.7	2.9	2.3	1.3	.7	.3	.2	.1									591	592	367	47	
78/ 77	.7	2.5	3.3	1.6	.9	.3	.2	.2	.7									668	668	971	197	
76/ 75	.8	6.4	4.6	1.8	.9	.3	.1	.7										1061	1062	1234	755	
74/ 73	.8	7.1	3.2	1.5	.2	.2	.1	.7										978	979	1524	1333	
72/ 71	.7	4.7	2.3	.3	.3	.1	.1											625	625	1319	1543	
70/ 69	.3	2.6	1.2	.3	.1	.1	.7											339	339	634	1278	
68/ 67	.1	1.2	.9	.2	.1	.1	.7											178	178	504	793	
66/ 65	.1	.8	.3	.1	.1													101	101	277	538	
64/ 63		.5	.2															54	54	174	325	
62/ 61		.2	.1															23	23	81	220	
60/ 59		.1	.7															12	12	39	156	
58/ 57		.0																2	2	23	113	
56/ 55																					1	80
54/ 53																						31
52/ 51																						10
50/ 49																						3
48/ 47																						3
46/ 43																						1
TOTAL	2.6	27.2	20.2	12.3	9.2	9.1	6.6	5.4	3.9	2.3	1.1	.3	.1	.1				7436	7439	7436	7436	
Element (X)	$\sum X'$	$\sum X$		\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	44977775	565215		76.0	16.464	7436	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total									
Dry Bulb	46525862	585962		78.8	7.094	7439			724.8	610.6	311.6	23.2	744									
Wet Bulb	39477039	540907		72.7	4.191	7436			684.5	418.6	18.6		744									
Dew Point	36460101	519463		69.9	4.803	7436			595.4	233.8	2.4		744									

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

GLOBAL CLIMATOLOGY BRANCH
 AFSLTAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17713 SEYMOUR-JOHNSON AFB NC 68-70, 73-79 YEARS

AUG
 MONTH

PAGE 1 1000-2260
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	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														
81		.4	.5	1.1	.2													71	21																
79		1.7	3.1	2.2	1.3													77	77	4	3														
77	.6	4.4	4.6	1.2														101	101	45	18														
75	.9	10.2	4.9	1.5														181	181	114	52														
73	1.2	18.7	4.5	.5														228	228	251	175														
71	1.2	10.2	3.7	1.1														149	149	178	214														
69	.2	4.8	2.7	.2														74	74	111	142														
67		3.2	.9		.1													10	32	74	97														
65	.2	1.1	1.7	.8	.3													21	31	47	50														
63		1.7	.6	.2														13	18	16	25														
61		.3	.6	.1	.1													11	11	14	22														
59		.4	.9	.2														14	14	22	14														
57		.1	.2	.1														4	4	13	16														
55			.2															2	2	11	11														
53																					16														
51																				2	2														
49																				1	4														
47																					1														
45																					1														
43																					1														
TOTAL	4.1	156.2	228.6	8.9	2.2													930	937	937	13														

Element (X)	Σx'	Σx	I	σ _x	Nn. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	7367632	92496	88.7	7.295	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93
Dry Bulb	5000694	68066	73.2	4.522	930			65.0	55.0	5.9		93
Wet Bulb	4693556	65926	70.9	4.628	930			79.8	41.2	.3		93
Dew Point	4542391	64819	69.7	5.151	930			75.7	27.8	.3		93

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

2890

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12213 SEYMOUR-JOHNSON AFB MO

65-70, 73-79

21

STATION

STATION NAME

YEARS

MONTH

FA 58 130-0500
HOURS (L.S.T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
70/61		.1																	1	1																
71/75		.5	1.3	.8	.7														24	24	2	1														
72/77	.5	3.4	3.8	.9	.7														23	23	1	1														
76/75	1.4	9.5	4.5	1.4															117	157	93	23														
74/73	2.4	16.9	2.6	.1	.1	.1													276	276	271	157														
72/71	3.4	13.5	3.0	.2	.1	.1													189	189	239	243														
77/69	1.2	6.5	1.7	.5	.1														86	86	147	159														
64/67	.4	6.3	.8		.1	.1													72	72	67	113														
66/65	.5	2.8	1.7	.1	.1	.1													47	47	65	66														
64/63	.1	1.3	.2	.1	.2														18	18	39	31														
62/61		.9	.8	.1	.1														17	17	24	22														
61/59		1.3	1.2	.1															24	24	15	27														
60/57		.6	.4																10	10	20	16														
56/55																																				
64/53		.1	.2																3	3	4	17														
62/51																																				
61/49																																				
60/47																																				
TOTAL	9.8	63.9	20.3	4.3	1.3	.4													930	930	931	937														

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

Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature					Total
						≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	7736933	84559	90.9	7.227	930						
Dry Bulb	4813667	66772	71.8	4.597	930		81.8	47.1	.4		93
Wet Bulb	4576502	65086	70.0	4.806	930		75.3	30.7	.1		93
Dew Point	4860536	64218	69.1	5.309	930		73.1	22.3	.1		93

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17713 SEYMOUR-JOHNSON AFB NC
 STATION STATION NAME

66-70, 73-79
 YEARS

AUG
 MONTH

PAGE 1 7600-0870
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87					.1													1	1		
86/ 85						.1												1	1		
84/ 83			.2	.5	.4	.1												12	12		
82/ 81		.1	1.1	1.3	.5	.2												30	30		
80/ 79		1.4	2.6	2.2	.3													60	60	9	4
79/ 77	1.2	5.7	5.2	2.2	.3													135	135	53	23
76/ 75	1.1	10.0	3.5	1.2	.1													148	140	145	95
74/ 73	3.4	12.3	2.9	.8														180	160	208	196
72/ 71	2.9	8.7	2.8	.3	.2	.1												140	140	134	188
70/ 69	1.3	5.1	1.5	.9	.2	.2												85	85	119	149
68/ 67	.1	3.9	1.1	.8	.4													58	58	65	98
66/ 65	.3	2.0	1.0	.1	.1	.1												34	34	41	52
64/ 63		.9	.1	.3	.2													14	14	39	22
62/ 61	.1	.8	.3	.3	.3													17	17	22	30
60/ 59		.5	.3	.1														9	9	16	23
58/ 57		.2	.2															4	4	14	14
56/ 55		.1																1	1	10	13
54/ 53		.1																1	1	3	10
52/ 51																				1	6
50/ 49																					7
TOTAL	10.4	51.7	22.8	10.9	3.3	.9												930	930	930	930
Element (X)	ΣX'	ΣX	X	X	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	7401054	82568	85.8	8.707	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	5012800	68130	73.3	4.836	930			85.0	56.7	7.1	93										
Wet Bulb	4700903	65967	70.9	4.835	930			78.4	41.6	.4	93										
Dew Point	4549775	64855	69.7	5.392	930			75.3	31.8	.1	93										

2300
 USAFETAC FORM 0-26-5 (OL A) 1-65 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13713 SEYMOUR-JOHNSON AFB NC
 STATION STATION NAME

68-70, 73-79
 YEARS

AUG
 MONTH

PAGE 1 0900-1100
 HOURS (L. S. F.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
96/ 95									.1	.1								2	2		
94/ 93									.3	.3								12	12		
92/ 91						.2	.2	.2	.5	.5								22	22		
90/ 89				.1	.4	1.7	1.7	1.6	.3	.1								55	55		
88/ 87				.5	1.8	4.7	1.4	.4		.1								76	76		
86/ 85				1.7	4.6	3.7	1.3	.2										110	110		
84/ 83			1.2	5.2	5.1	1.7	1.3	.2										132	132		
82/ 81		.4	2.7	6.7	3.5	2.7	.5	.1		.1								144	144	22	2
80/ 79	.1	.3	4.5	3.4	1.4	1.8	.6	.3	.1									118	118	97	16
78/ 77	.1	1.2	3.2	2.5	1.1	.2	.6	.1	.1									85	85	209	52
76/ 75	.1	1.8	2.0	1.2	.5	1.2	.8	.1	.1									73	73	215	165
74/ 73	.2	.9	1.6	.9	.2	.5	.4	.3	.1									53	53	147	194
72/ 71	.1	.8			.5	.2	.5	.1										25	25	80	179
70/ 69		.6		.2	.1	.4	.1	.1										15	15	57	94
68/ 67			.3	.2		.1												6	6	30	71
66/ 65		.1			.1													2	2	28	43
64/ 63																				20	23
62/ 61																				17	24
60/ 59																				6	21
58/ 57																				5	10
56/ 55																					9
54/ 53																					12
52/ 51																					8
50/ 49																					4
48/ 47																					2
46/ 45																					1
TOTAL	.6	6.1	16.0	21.9	20.5	17.2	10.2	5.9	1.7	.8								930	930	930	930
Element (K)	Σx ²	Σx	Σ	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature														
Rel. Hum.	4783701	65739	70.7	12.135	930	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	6205543	75805	81.5	5.353	930			92.8	88.2	62.6	1.4	93									
Wet Bulb	5140573	69013	74.2	4.557	930			85.4	68.7	5.4		93									
Dew Point	4687241	65807	70.8	5.751	930			77.3	42.9	.9		93									

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17713 SEYMOUR-JOHNSON AFB NC 68-70, 73-79 YEARS AVG MONTH

PAGE 1 1250-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
10/ 99																			4	4					
98/ 97								.1	.3	.6	.6	.1						19	19						
96/ 95								.1	1.7	1.6	.4	.1						37	37						
94/ 93							.4	2.2	2.4	1.4	.4							63	63						
92/ 91						.6	3.4	3.0	2.0	.9								88	88						
90/ 89					.3	2.0	4.7	4.1	1.3	.2	.1							118	118						
88/ 87					1.3	2.9	4.0	1.9	1.3	.4	.1					.1		127	127						
86/ 85				.9	2.0	3.9	2.3	1.7	1.7	.1	.1							118	118						
84/ 83			.2	1.8	2.7	2.3	1.9	1.1	.3	.5								102	102	4					
82/ 81			.9	2.2	1.8	1.3	1.4	1.2	.4	.1								86	86	21					
80/ 79			1.2	1.6	1.0	.8	1.0	.5	.8	.5								68	68	152	5				
78/ 77		.5	1.6	.8	.4	.6	.6	.5	.6	.1	.1							50	50	215	33				
76/ 75		1.1	.5	.4	.1	.1	.2	.2										25	25	196	135				
74/ 73	.1	.2	.4	.4		.2	.3											15	15	128	175				
72/ 71		1.0				.1												10	10	75	160				
70/ 69			.4															4	4	53	135				
68/ 67		.2																2	2	26	89				
66/ 65		.1																1	1	29	64				
64/ 63																				18	31				
62/ 61																				9	28				
60/ 59																				6	17				
58/ 57																					14				
56/ 55																					11				
54/ 53																					12				
52/ 51																					12				
50/ 49																					3				
48/ 47																					4				
46/ 45																					1				
44/ 43																					1				
TOTAL	.1	3.1	5.3	7.7	10.4	14.8	20.0	16.8	12.7	6.2	1.8	.9	.1						930	930	930				
																			930		930				

Element (X)	Σx^2	Σx	\bar{x}	s_x^2	No. Obs.	$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total
Rel. Hum.	3478914	55520	59.7	13.304	930							
Dry Bulb	6893409	79879	85.9	5.914	930			92.9	91.3	79.7	12.3	93
Wet Bulb	5226754	69604	74.8	4.325	930			87.0	71.6	7.9		93
Dew Point	4551363	64831	69.7	5.864	930			73.2	34.8	.2		93

2831
 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

13713 SEYMOUR-JOHNSON AFB NC
STATION STATION NAME

68-70, 73-79
YEARS

AUG
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		> 31	Dry Bulb	Wet Bulb	Dew Point	
10/ 09																		5	5			
08/ 97																		15	15			
06/ 95																		49	49			
04/ 93																		61	61			
02/ 91																		78	78			
01/ 89																		111	111			
08/ 87																		114	114			
06/ 85																		172	102			
04/ 83																		94	94			
02/ 81																		89	89			
01/ 79																		70	70	95	1	
08/ 77																		34	34	215	26	
06/ 75																		55	55	199	105	
04/ 73																		27	27	141	151	
02/ 71																		16	16	98	163	
01/ 69																		7	7	66	156	
08/ 67																		2	2	37	109	
06/ 65																				27	75	
04/ 63																		1	1	15	34	
02/ 61																				10	26	
01/ 59																				5	18	
08/ 57																					19	
06/ 55																					16	
04/ 53																					9	
02/ 51																					12	
01/ 49																					4	
08/ 47																					2	
06/ 45																					1	
04/ 43																					3	
TOTAL	.3	6.3	5.8	7.8	9.2	11.8	15.5	18.1	11.8	8.4	3.4	1.1	.3							930		930
Element (X)	Z _x ¹	Z _x		X	X	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	356125	55774		60.0	15.261	930	< 67 F	< 73 F	< 80 F	< 93 F												
Dry Bulb	6814223	79381		85.4	6.445	930			92.9	90.4	75.7	13.9	93									
Wet Bulb	5154403	69125		74.3	4.212	930			87.3	67.2	5.5		93									
Dew Point	4473669	64273		69.1	5.843	930			71.1	28.3			93									

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13713 SEYMOUR-JOHNSON AFB NC 69-70, 73-79 ALL MONTH

PAGE 1 1876-2707
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 97																		1	1		
96/ 95																		5	5		
94/ 92																		12	12		
92/ 91																		24	24		
90/ 89																		24	28		
88/ 87																		57	57		
86/ 85																		77	77		
84/ 83																		64	64		
82/ 81																		121	121		
80/ 79																		125	125		
78/ 77																		142	142		
76/ 75																		111	111		
74/ 73																		74	74		
72/ 71																		34	34		
70/ 69																		20	20		
68/ 67																		14	14		
66/ 65																		6	6		
64/ 63																					
62/ 61																					
60/ 59																					
58/ 57																					
56/ 55																					
54/ 53																					
52/ 51																					
50/ 49																					
48/ 47																					
46/ 45																					
TOTAL	.214	.519	.419	.815	.212	.3	8.6	5.5	3.1	.5	.8							928	928	928	928
Element (X)	Zx ²	Zx	X	X	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	5079988	67432	72.7	13.939	928	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	5956827	74161	79.9	5.713	928			92.4	85.6	47.0	1.8	93									
Wet Bulb	4587345	67913	73.2	4.324	928			84.4	60.3	2.2		93									
Dew Point	4560750	64858	69.9	5.478	928			75.5	32.2	.2		93									

28320
 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

17713 SEYMOUR-JOHNSON AFB NC
 STATION STATION NAME

68-70,73-79
 YEARS

AUG
 MONTH

PAGE 1 2170-2380
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)													TOTAL D.B./W.B.	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24		25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point
88/ 87						.1	.1											2	2		
86/ 85				.1	.1	.1												8	8		
84/ 83			.2	1.3	1.4	.6	.1											34	34		
82/ 81		.1	1.7	2.5	1.6	.2												57	57		
79/ 79	.1	1.3	5.4	2.4	1.1													94	94	9	3
75/ 77	.1	5.7	8.1	2.9	.1		.1											153	158	59	18
76/ 75	.3	11.5	8.1	2.6	.2	.1												212	212	171	104
74/ 73	.3	8.6	5.6	2.5	.3													161	161	253	210
72/ 71	.3	4.3	4.3	.3	.3													88	88	154	205
70/ 69		1.4	1.9	.4	.9													42	42	98	146
68/ 67		.5	.9	.6	.5													24	24	58	86
66/ 65	.3	.5	.4	1.3	.2	.1												27	27	35	52
64/ 63		.3	.8	.2	.1													13	13	15	25
62/ 61		.1	.3	.1	.1													6	6	7	13
60/ 59																				15	15
58/ 57				.1														1	1	13	18
56/ 55																				4	12
54/ 53																				1	12
52/ 51																					2
50/ 49																					4
48/ 47																					2
TOTAL	1.5	34.5	37.0	17.9	6.9	1.8	.3											927	927		927
Element (X)	Σx^1	Σx	\bar{x}	σ_s	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	6644568	78058	84.2	8.799	927	$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$										
Dry Bulb	5262772	69724	75.2	4.470	927			88.3	72.8	14.5		93									
Wet Bulb	4800407	66581	71.8	4.443	927			82.6	51.5	.2		93									
Dew Point	4579136	64978	70.1	5.145	927			77.4	33.6			93									

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13713 SEYMOUR-JOHNSON AFB NC 66-70, 73-79 STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb/Dew Point															
99/ 99																															9	9		
98/ 97																															35	35		
96/ 95																															93	93		
94/ 93																															149	149		
92/ 91																															212	212		
90/ 89																															312	312		
88/ 87																															377	377		
86/ 85																															409	409		
84/ 83																															458	458		
82/ 81																															549	549		
80/ 79																															636	636		
78/ 77																															768	768		
76/ 75																															942	942		
74/ 73																															944	944		
72/ 71																															651	651		
70/ 69																															333	333		
68/ 67																															217	217		
66/ 65																															141	141		
64/ 63																															64	64		
62/ 61																															51	51		
60/ 59																															47	47		
58/ 57																															19	19		
56/ 55																															3	3		
54/ 53																															4	4		
52/ 51																																6	6	
50/ 49																															1	1		
48/ 47																																15	15	
46/ 45																																4	4	
44/ 43																																5	5	
TOTAL																																7435	7435	
																																7435	7435	
Element (X)	Zx'	Zx	X	%	No. Obs.	Mean No. of Hours with Temperature																												
Rel. Hum.	46054046	572148	77.0	16.506	7435	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																						
Dry Bulb	45959928	581916	78.3	7.969	7435			711.1	590.9	292.3	28.5	744																						
Wet Bulb	39280443	539217	72.5	4.841	7435			660.1	432.8	22.0		744																						
Dew Point	36404861	518639	69.8	5.519	7435			598.6	253.4	1.8		744																						

2033
 USAFETAC FORM 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13713 SEYMOUR-JOHNSON AFB NC

67-72, 73-78

SEP
 MONTH

PAGE 1 3079-1285
 HOURS (L. S. T.)

T _{DB} (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point
77/77		.8	.8	.1	.1												16	19	1	1
76/75	1.3	2.9	2.6	.1	.1												63	63	29	7
74/73	2.3	9.3	1.6	.3													122	122	75	54
72/71	3.3	7.6	3.2			.1											128	128	147	127
71/69	1.4	7.7	3.9	.2													119	119	89	95
68/67	.1	6.2	4.1	.3	.3		.2										132	132	114	87
66/65	.2	5.9	.7	.3	.2												66	66	91	109
64/63	.4	5.7	1.2	.1	.1		.1										69	69	78	85
62/61	.6	5.8	1.8	.3	.1												77	77	65	95
61/59		3.8	1.3	.6	.1												52	52	62	42
58/57	.2	2.0	1.7	.1	.1												37	37	51	54
56/55	.2	1.1	.6	.2	.1												23	23	37	37
54/53	.1	.4	.6	.1													11	11	25	29
52/51		.4	.4														8	8	15	24
50/49		.6	.2														7	7	12	16
48/47		.3															3	3	11	9
46/45																				15
44/43																				6
42/41																				1
TOTAL	10.3	60.4	24.0	2.9	1.3	.1	.3										900	900	900	900
Element (X)	ΣX'	ΣX	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature					Total									
Rel. Hum.	7277345	80639	89.6	7.619	900	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb	4105714	60536	67.3	6.143	900			55.0	20.1			90								
Wet Bulb	3981117	58906	65.3	6.563	900			45.2	10.5			90								
Dew Point	3748979	57723	64.1	7.217	900			38.8	7.9			90								

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17713 EYMOUR-JOHNSON AFB NC
STATION STATION NAME

67-70, 73-78 YEARS

JAN MONTH

PAGE 1 2500-2500 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point		
76/ 77	.2	.7	.2															17	17	6	4		
76/ 75	.7	.7	1.6															26	25	9	11		
74/ 73	2.8	4.2	1.0	.2	.2													76	76	45	40		
72/ 71	4.6	6.9	1.6	.2	.1													120	120	111	87		
71/ 69	2.7	8.2	6	.2	.1													124	124	95	101		
69/ 67	2.1	3.3	3.4	.6		.1												135	135	114	102		
66/ 65	.8	5.9		.1														61	61	113	109		
64/ 63	.8	5.9	.9	.2	.7													73	73	74	73		
62/ 61	1.1	5.0	.8	.4		.1												67	67	69	60		
60/ 59	.7	5.2	1.3	.1	.1													67	67	63	58		
58/ 57	.1	3.4	1.1	.2	.1													47	47	62	59		
56/ 55	.1	2.4	1.1	.3														36	36	38	44		
54/ 53	.3	1.4	.7	.3														25	25	41	48		
52/ 51		.8	.6	.1														13	13	20	28		
50/ 49		.8	.2															9	7	14	26		
48/ 47		.7	.1															7	7	12	9		
46/ 45		.2																2	2	11	14		
44/ 43		.1																1	1	4	14		
42/ 41																					5		
TOTAL	17.1	61.4	17.1	3.0	1.1	.2												899	899	899	999		

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						
						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7496925	31795	91.0	7.816	899							
Dry Bulb	3908378	58988	65.6	6.498	899			49.2	11.2			90
Wet Bulb	3722083	57515	64.0	6.877	899			38.0	6.0			90
Dew Point	3611066	56876	62.9	7.508	899			33.8	5.5			90

2034
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

17713 SEYMOUR-JOHNSON AFB NC

67-70, 73-73

YEARS

SEP
 MONTH

PAGE 1 0010-0800
 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														
81				.1														1	1																
79		.2	.3															5	5																
77	.1	1.3	.9	.3	.2													23	23	6															
75	.9	2.2	1.4	.3														44	45	27	10														
73	3.4	4.4	2.1	1.1	.1													100	107	74	64														
71	3.1	5.6	2.2	.6	.1													104	104	68	77														
69	3.0	5.2	3.6	.6	.4													115	115	113	94														
67	2.1	7.3	3.9	.6	.1													126	126	95	92														
65	1.1	5.2	1.6	.3	.4													78	78	110	114														
63	.9	4.2	1.1	.9	.2													66	66	76	61														
61	.8	3.8	1.6	.7	.2	.2												65	65	66	69														
59	.9	3.3	1.1	.3	.2													50	50	54	54														
57	.1	3.3	.8	.2	.2													40	42	51	53														
55		2.6	1.2	.1	.1													36	36	44	44														
53	.2	.8	1.1															19	19	36	42														
51		.9	.1	.2														11	11	24	31														
49		.4																4	4	16	17														
47		.8	.1															8	9	3	19														
45		.1																1	1	9	6														
43		.1																1	1	2	11														
41																					6														
TOTAL	16.4	51.6	23.1	6.2	2.4	.2													899	899		899													

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	7257052	80380	89.4	8.848	899	≤ 0°	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	4026943	59909	66.6	6.592	900			51.9	17.4	.4		90
Wet Bulb	3791345	58749	64.8	6.927	899			39.7	10.4			93
Dew Point	3656768	56924	63.3	7.638	899			35.0	8.6			90

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

CENTRAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17713 SEYMOUR-JOHNSON AFB MO 67-73, 74-74 YEARS 1973-1974

PAGE 1 1973-1974
 MONTH HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B.W.B.	Dry Bulb	Wet Bulb	Dew Point														
80							.7	.2											4	4															
87							.7	1.7	.4										22	22															
85			.1	.3	.3	2.9	1.0	.3											49	49															
83			.3	1.3	2.4	1.2	.8	.2	.1										58	58															
81		.1	.6	3.3	2.3	2.3	1.7	.2											75	75		1													
79		1.0	2.6	2.1	1.9	2.9	1.7	.4	.7										115	114	13	4													
77		.9	2.0	1.1	3.6	1.9	1.0	.4		.1									99	99	53	15													
75	.7	1.7	1.3	2.3	2.3	.9	1.1	.3	.3										99	99	134	41													
73	.2	1.3	1.4	3.3	1.2	1.7	.9	.4											95	95	176	98													
71	.3	1.1	2.2	.9	.8	1.0	.6	.2	.1										64	64	95	125													
69	.1	1.1	2.4	.8	1.1	.8	.4	.3											64	64	178	73													
67		1.7	.4	.8	1.4	.9	.6	.1											53	53	128	97													
65	.1	.1	.7	1.1	.3	.4	.4												29	29	67	105													
63		.8	.2	.6	.6	.1	.3												23	23	54	73													
61		.4	.3	.1	.6	.2	.1												16	16	50	54													
59		.4		.2	.1														7	7	41	41													
57		.3	.1			.1													5	5	70	47													
55				.1	.1														2	2	21	44													
53																					12	29													
51																					3	18													
49																					3	19													
47																					1	15													
45																						9													
43																						6													
41																						5													
39																						2													
37																						1													
TOTAL	1.3	11.0	15.8	18.5	19.6	18.0	11.5	3.3	1.2	.1									899	921	899	899													

Element (X)	$\Sigma x'$	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature						
Ref. Num.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 75 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	4587878	62974	70.1	14.013	899			81.8	63.7	29.2		90
Wet Bulb	4296912	61892	68.8	6.326	899			61.9	30.7	.4		97
Dew Point	3839770	58312	64.9	7.997	899			43.3	15.8			90

2035 FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

1713 SEYMCUP-JOHNSON AFS NC
 STATION STATION NAME

67-70, 73-76
 YEARS

1967
 MONTH

PAGE: 100-1490
 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	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														
99/95																				1	1														
94/93									.7	.6	.4	.1							10	17															
87/91								.7	.7	.8									21	21															
87/89					1	.1	.4	1.2	3.6	1.4	.9								70	77															
86/87					.4	1.3	4.1	2.1	1.7	.2	.1								94	84															
85/85				.2	.9	3.2	2.3	2.2	1.1	.6	.1								78	86															
84/83			.1	.8	1.7	1.4	3.7	2.7	2.3	.6	.4	.2							125	105	1														
82/81			.6	.8	1.3	2.2	2.7	2.7	.9	.7	.3	.1							110	117	1	1													
77/79		.2	.4	.3	1.4	3.2	2.3	1.6	1.3	.2	.1								101	101	22														
77/77		1.0	.6	.3	.8	.7	.9	1.4	1.1	.2	.1								64	64	87	5													
76/75	.3	.6	.9	1.1	.4	.6	.4	1.1	.9	.2									59	59	131	43													
74/73	.2	.4	1.7	.8	.1	.3	.2	1.7	.6	.1									43	43	115	67													
72/71		.2	.9	.3	.3	.8	.1	.4	.1										29	29	176	79													
70/69		.3	.7	.4	.3	.1	.6	.8											29	29	116	103													
60/67		.1	1.1	.4	.3	.3	.3												25	25	82	96													
66/65		.4	.3	.4			.1	.2											13	13	56	109													
64/63		.6	.1	.1	.2														9	9	69	70													
62/61		.2	.2	.1	.1		.1												7	7	54	64													
67/59		.2	.1																3	3	27	63													
50/57						.1													1	1	32	31													
50/55																					14	51													
74/53																					2	26													
62/51																					2	22													
50/49																					1	30													
48/47																					1	15													
60/45																						11													
44/43																						17													
42/41																						3													
40/39																						5													
38/37																						2													
36/35																						1													
TOTAL	.6	3.9	6.1	6.8	9.0	14.8	19.1	20.8	12.2	5.1	1.3	.4								900	900	900													

Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	$\leq 6 F$	$\leq 32 F$	Mean No. of Hours with Temperature				Total
Rel. Hum.	3198481	52011	57.8	14.643	900			≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	900
Dry Bulb	5909926	72668	80.7	6.880	900			86.7	78.4	57.5	1.1	900
Wet Bulb	4428918	62902	69.9	6.015	900			66.3	35.7	.6		900
Dew Point	3718898	57392	63.8	8.108	900			38.7	10.9	.1		900

USAFETAC FORM 0-265 (O.L.A.) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17713 SEYMOUR-JOHNSON AFB AC
STATION STATION NAME

67-7 73-73
YEARS

3FF
MONTH

PAGE 1 16 00-17 00
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	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														
95/ 95																		.2													3	3						
94/ 93																		.7	.4													10	10					
92/ 91																		.9	1.4	1.2												32	32					
91/ 89																		.4	2.4	3.3													64	64				
87/ 87																		2.7	2.1	2.0	1.3												76	76				
86/ 85																		1.1	1.1	1.1	1.3	1.6											86	86				
84/ 83					.1	1.0	1.5	.6	3.6	1.6	1.9							.4	.4	.4												114	114					
83/ 82			.1	.9	.9	.6	2.4	3.1	3.3	1.1	1.1																					127	127					
81/ 79		.1	1.2	.8	1.3	1.5	1.7	1.7	1.2	.3																						91	91	7	1			
78/ 77		.8	.6	1.4	1.6	1.7	1.7	1.4	1.1	.2																						33	33	74	8			
76/ 75		.7	1.3	1.7	1.4	.9	.7	.9	1.7	.3																						79	79	122	31			
74/ 73	.1	.3	.9	.6	.3	.3	.1	1.1	.7																							36	36	129	55			
72/ 71		.4	1.3	.2	.6	.4	.4	.1	.4																							38	38	121	63			
71/ 69		.1	.3	.3	.4	.3	.4	.3	.4																								21	21	131	90		
68/ 67		.2	.7	.7	.1	.2	.1	.7																									21	21	85	122		
66/ 65			.1	.4	.3			.3																									11	11	57	100		
64/ 63		.1		.1	.2																												6	6	5	75		
62/ 61		.6	.4	.1																													17	17	40	74		
60/ 59		.1	.1																														2	2	35	53		
58/ 57																																			22	45		
56/ 55																																		9	36			
54/ 53																																		4	36			
52/ 51																																		2	30			
50/ 49																																				31		
48/ 47																																				9		
46/ 45																																				15		
44/ 43																																				5		
42/ 41																																				8		
40/ 39																																				4		
38/ 37																																				1		
TOTAL	.1	4.0	7.9	8.4	9.6	10.9	16.7	18.0	15.2	5.8	2.6	.8																							900	900	900	900

Element (X)	Zx'	Zx	X	%	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3200012	51844	57.6	15.4	13							
Dry Bulb	5900140	72620	80.7	6.7	13			97.1	79.1	55.1	1.3	90
Wet Bulb	4405998	62768	69.7	5.6	22			66.9	33.2	.1		90
Dew Point	3684916	57158	63.5	7.8	13			37.0	9.5	.1		90

2836
 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

17/13 SEYMOUR-JOHNSON AFB NC

67-72, 75-78

SEP
MONTH

STATION

STATION NAME

YEARS

PAGE 1

1970-2000
HOURS (L. S. T. I)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point																		
92/ 91																																	1	1				
91/ 89											.1	.2	.1																				4	4				
88/ 87						.1	.1	.1	.2	.1																							6	6				
86/ 85						.4	1.0	.6	.1																								19	19				
84/ 83					.4	1.3	1.0	.4	.1	.1																							71	31				
82/ 81				.4	2.2	1.6	1.8	.6	.3	.1																							63	63				
81/ 79		.2	2.7	2.6	2.7	.6	1.1	.2	.3	.1																							88	38				
76/ 77		1.8	4.1	2.9	3.1	1.1	.6	.2	.1																								125	125	24	5		
76/ 75	.2	2.3	2.7	3.1	2.6	.9	1.7	.4																									119	119	100	33		
74/ 73	.3	2.4	3.9	3.2	1.8	1.0	.6	.1																									120	120	120	61		
72/ 71	.2	1.7	4.2	2.3	1.7	.6	.9	.2																									97	97	119	103		
70/ 69	.1	1.3	2.7	1.7	1.3	.4	.1																										69	69	117	108		
68/ 67		.8	1.4	2.1	.7	.6	.1	.1																									52	52	109	103		
66/ 65		.6	.7	1.2	.9	.2																											32	32	84	98		
64/ 63		.8	.4	1.2	.3	.1	.1																										26	26	66	76		
62/ 61		.6	.8	.8	.2	.1																											22	22	61	70		
60/ 59		.8	.7	.4	.1																												18	18	31	49		
58/ 57		.1	.3	.1																													5	5	39	39		
56/ 55				.1																													1	1	17	46		
54/ 53			.2																														2	2	9	36		
52/ 51																																				3	23	
50/ 49																																					1	14
48/ 47																																					7	7
46/ 45																																					5	5
44/ 43																																					2	2
42/ 41																																					2	2
TOTAL		.9	13.3	24.6	24.4	18.1	9.7	5.9	2.2	1.0	.2																							900	900	900	900	
Element (X)	Zx ¹	Zx	X	σ _x	No. Obs.	Mean No. of Hours with Temperature				Total																												
Rel. Hum.	5082777	66645	74.1	12.818	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																										
Dry Bulb	4971209	66657	74.1	6.183	900			79.4	57.6	16.7		90																										
Wet Bulb	4225000	61444	68.3	5.791	900			59.3	24.6	.1		93																										
Dew Point	3839363	58441	64.9	7.038	900			43.3	11.9			90																										

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

RY
700
VI
Point
1
8
31
55
63
80
122
162
75
74
53
45
36
36
31
9
17
5
8
4
1
30
90
90
90

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1713 SEYMOUR-JOHNSON AFB NC

67-70, 73-74

SEP
 MONTH

PAGE 1 212J-2302
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL D.B./W.B.	TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22		23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point
82/ 81				.2													2	2		
80/ 79			.6	.4													9	9		
78/ 77		1.6	3.7	.9	.2												51	51		
76/ 75	.7	6.3	5.1	1.1	.2												121	121	50	
74/ 73	1.6	6.7	2.9	2.4	.4		.1										127	127	124	
72/ 71	1.3	5.4	5.7	1.2	.1	.1											125	125	113	
70/ 69	.4	4.3	5.8	1.1	.4	.2											108	108	97	
68/ 67	.1	3.2	4.9	1.3	.4												90	90	128	
66/ 65		4.0	3.8	1.3	.3												85	85	80	
64/ 63		2.6	2.6	.4	.3												53	53	88	
62/ 61		2.3	2.1	1.3													52	52	70	
60/ 59		.9	1.8	.1													25	25	61	
58/ 57		1.1	1.3	.1													23	23	26	
56/ 55		.6	1.0														14	14	34	
54/ 53	.1	.2	.4														7	7	19	
52/ 51		.3	.3														6	6	9	
50/ 49		.2															2	2	8	
48/ 47																			4	
46/ 45																			6	
TOTAL	4.2	39.8	40.9	12.1	2.6	.3	.1											900		900
																		900		900

Element (X)	ΣX'	ΣX	X	σ _x	No. Obs.	Mean No. of Hours with Temperature				Total		
Rel. Hum.	6632591	76917	85.5	8.102	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	4351910	62360	69.3	5.877	900			63.3	31.0	.6		90
Wet Bulb	4008568	59807	66.5	6.173	900			50.2	17.4			90
Dew Point	3814575	58269	64.7	6.839	900			39.8	10.7			90

28370
 USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUL 64

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17713 SEYMOUR-JOHNSON AFB NC 67-70, 73-75 J.P. MONTH
 STATION STATION NAME YEARS

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	O.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
96/ 95																		4	4			
94/ 93									.1	.1	.1							20	20			
92/ 91								.1	.1	.1	.1							54	54			
90/ 89					.1	.1	.1	.1	.1	.1	.1							142	142			
88/ 87					.1	.1	.1	.1	.1	.1	.1	.1						168	168			
86/ 85			.1	.1	.1	.1	.1	.1	.1	.1	.1	.1						253	253			
84/ 83			.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1					318	318			
82/ 81		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1				398	398		1	
80/ 79		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1			409	410	43	5	
78/ 77	.1	1.1	1.5	.9	1.2	.6	.4	.4	.3	.1	.1	.1						471	471	248	41	
76/ 75	.6	2.2	2.1	1.2	.9	.4	.4	.3	.3	.1	.1	.1						610	511	678	213	
74/ 73	1.4	3.7	1.8	1.5	.9	.4	.2	.3	.1	.1	.1	.1						719	719	735	543	
72/ 71	1.6	3.6	2.7	.7	.4	.4	.2	.1	.1									705	705	902	757	
70/ 69	1.8	3.5	2.7	.7	.5	.2	.2	.2										649	649	853	747	
68/ 67	.6	3.5	2.4	.9	.4	.3	.2	.1										604	604	832	785	
66/ 65	.3	2.7	1.7	.6	.4	.1	.1	.1										375	375	664	869	
64/ 63	.3	2.6	.8	.9	.3	.1												325	325	547	596	
62/ 61	.3	2.3	1.1	.9	.2	.1	.1											316	316	480	588	
60/ 59	.2	1.8	.8	.2	.1													224	224	369	419	
58/ 57	.1	1.3	.7	.1	.1	.1												160	160	311	380	
56/ 55	.1	.8	.5	.1	.1													109	109	211	338	
54/ 53	.1	.4	.4	.1														64	64	149	267	
52/ 51		.1	.2	.1														38	38	78	207	
50/ 49		.1	.1															22	22	57	167	
48/ 47		.2	.1															18	18	32	89	
46/ 45		.1																3	3	22	78	
44/ 43		.1																2	2	3	56	
42/ 41																					37	
40/ 39																					11	
38/ 37																					4	
36/ 35																					1	
TOTAL	6.4	30.7	19.9	10.3	8.0	6.7	6.7	5.6	3.7	1.4	.5	.2								7199	7197	
																					7197	7197
Element (X)	Z _x ²	Z _x	Y	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total										
Rel. Hum.	44733061	553207	75.9	17.525	7197	≤ 67 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb	38379922	521932	72.5	8.658	7199			554.4	358.5	159.5	2.4	720										
Wet Bulb	32759831	483183	67.1	6.674	7197			427.6	168.8	1.2		720										
Dew Point	29914291	460795	64.0	7.561	7197			309.8	80.8	.2		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

13713 SEYMOUR-JOHNSON AFB NC 67-70, 73-79 YEARS OCT MONTH

PAGE 1 0000-0229 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75			.5															3	7		
74/ 73		.6	.1	.3														17	17	4	
72/ 71		1.3	.4	.1														17	17	9	11
70/ 69		2.5	.9			.1	.2											34	34	19	14
68/ 67	.2	3.2	1.3		.1			.1										45	46	32	26
66/ 65	.3	5.6	1.7	.1	.1													73	73	51	40
64/ 63	.5	5.5	1.0	.5	.2			.1										73	73	74	62
62/ 61	.2	6.7	1.4	.5	.1		.1											64	64	65	68
60/ 59	.2	6.2	2.7	.6	.3	.1												95	95	79	57
58/ 57	.1	4.7	1.6	.1	.1	.2												64	64	84	81
56/ 55	.4	4.2	2.0	.8	.9													77	77	70	69
54/ 53	.3	3.0	1.0	.6	.1	.2												49	49	57	54
52/ 51		2.5	1.2	.9	.1	.2												45	45	54	65
50/ 49		3.2	1.8	.4	.2	.1												50	50	50	40
48/ 47	.1	3.2	.5	.4	.2													42	42	51	43
46/ 45	.1	1.9	.9	.1	.1													31	31	55	50
44/ 43	.2	2.3	1.5	.2	.1													40	40	29	45
42/ 41	.2	2.2	.6	.1														29	29	37	29
40/ 39	.3	2.3	.8															31	31	43	47
38/ 37		1.4	.3															16	16	29	36
36/ 35		1.0	.5															14	14	27	22
34/ 33		.3																3	3	6	31
32/ 31		.1																1	1	7	20
30/ 29		.1																1	1	1	8
28/ 27	.2																	2	2	3	6
26/ 25																					6
TOTAL	3.8	64.0	21.9	5.9	2.7	1.2	.3	.2										930	930	930	930
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	6912927	79553	85.5	10.777	930	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	3001853	52119	56.0	9.338	930		.4	11.0	1.3			93									
Wet Bulb	2767516	49954	53.7	9.525	930	1.0	6.4	.4				93									
Dew Point	2585313	48023	51.6	10.605	930	4.0	5.1					93									

2380
 USAFETAC FORM 0-26-5 (OL A)
 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17713 SEYMOUR-JOHNSON AFB NC 67-70, 73-78 OCT
 STATION STATION NAME YEARS MONTH

PAGE 1 7306-0500
 HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	≥31	Dry Bulb	Wet Bulb	Dew Point
76/ 75		.1	.2														3	3		
74/ 73		.9	.2														10	11	6	2
72/ 71	.2	.9	.4														14	14	8	11
70/ 69	.4	1.5	.1														19	19	23	19
68/ 67	.2	2.9	.4	.1				.1									35	35	24	27
66/ 65	1.7	4.6	.3		.7	.1											58	58	42	35
64/ 63	.9	7.4	.8		.1	.1	.1										84	84	58	50
62/ 61	.4	5.4	.9	.2	.2		.1										64	64	66	63
60/ 59	.9	6.1	1.9	.2		.1											80	86	73	63
58/ 57	.2	5.4	2.0	.2	.2												75	75	60	66
56/ 55	.6	4.2	1.0	.4	.2	.2											62	62	55	56
54/ 53	.8	4.1	1.4	.2	.2												62	62	56	60
52/ 51	.3	3.4	1.1	.5													50	50	56	60
50/ 49	.1	3.2	1.0	.9													49	49	54	57
48/ 47		2.8	.4	.1	.1												32	32	43	41
46/ 45	.3	4.0	.9	.2													49	49	53	47
44/ 43	.4	2.8	1.0	.3													42	42	49	32
42/ 41	.1	2.5	1.3	.1													37	37	33	49
40/ 39	.2	2.5	.6	.2													33	33	33	39
38/ 37	.8	2.0	.1														27	27	44	40
36/ 35		1.8	.4														21	21	23	29
34/ 33		1.2	.2														13	13	26	29
32/ 31	.1	.1															2	2	10	30
30/ 29																			1	13
28/ 27	.2																2	2	2	7
26/ 25	.1																1	1	1	6
24/ 23																				1
TOTAL	8.0	69.8	16.1	4.0	1.3	.5	.3											930		930
																		930		930

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

Element (X)	Σx ²	Σx	x̄	s _n	No. Obs.	Mean No. of Hours with Temperature					Total	
						≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F			
Rel. Hum.	7237033	81549	87.7	9.635	930	10 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	2847268	57644	54.5	9.810	930			.5	6.1	1.3		93
Wet Bulb	2661193	48871	52.8	10.008	930			1.4	6.0	.6		93
Dew Point	2514284	47274	50.8	10.943	930			5.7	5.4	.2		93

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13713 SEYMOUR-JOHNSON AFB NC 67-70, 73-79 OCT 1967-08-05
 STATION STATION NAME YEARS MONTH
 PAGE 1 1670-08-05
 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point																
76/ 75		.2	.4																													6	6			
74/ 73		.4	.1																													5	5		1	
72/ 71		.3	1.3	.2																												17	17	13	13	
71/ 69		.6	1.6	.9																												26	26	23	21	
68/ 67		.1	3.0	.8	.1	.1																										38	38	26	26	
66/ 65		1.2	4.6	.6																												60	60	48	32	
64/ 63		.6	5.5	.9		.1																										67	67	55	56	
62/ 61		.3	5.4	1.7	.3	.3	.1	.1																								77	77	63	49	
61/ 59		1.1	5.5	2.5	.3	.2	.2																									91	91	71	71	
58/ 57		.8	3.5	2.2	.2	.3	.1																									66	66	60	66	
56/ 55		1.1	4.7	1.5	.3	.4																										74	74	77	55	
54/ 53		.3	4.1	1.6	.4																											60	60	76	73	
52/ 51		.4	1.9	1.0	.9	.1																										40	40	45	59	
51/ 45		.1	3.7	.9	1.1	.2																										55	55	56	42	
48/ 47			3.1	1.5	.3																											46	46	39	46	
46/ 45		.3	2.5	.6	.4																											36	36	59	42	
44/ 43		.1	3.3	1.0	.4	.1																										46	46	42	42	
42/ 41		.2	1.8	.9	.2																											29	29	38	34	
41/ 39		.3	1.7	1.2																												30	30	35	50	
38/ 37		.4	1.7	.2	.4																											25	25	28	32	
36/ 35		.5	1.0	.1																												15	15	34	33	
34/ 33			1.4	.5																												17	17	16	22	
32/ 31			.1																													1	1	14	32	
31/ 29			.1																													1	1	2	15	
28/ 27		.1																														1	1	2	5	
26/ 25		.1																														1	1	1	12	
24/ 23																																				3
TOTAL		8.9	62.3	20.4	5.8	1.9	.4	.2																									930	930	930	

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	7295586	80648	86.7	10.475	930	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total
Dry Bulb	2885108	51004	54.8	9.727	930		.4	9.2	1.1			93
Wet Bulb	2682635	49079	52.8	9.983	930		1.9	6.3	.4			93
Dew Point	2521875	47319	50.9	11.090	930		6.5	6.1	.1			93

2939
 USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC,
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17713 SEYMOUR-JOHNSON AFB NC

67-70, 73-78

OCT
MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
67/ 85																		1	1		
64/ 83																		4	4		
67/ 81																		11	11		
67/ 79																		18	18		
70/ 77																		32	32	1	
76/ 75																		43	43	7	?
74/ 73																		61	61	19	7
72/ 71																		82	82	35	17
70/ 69																		75	75	51	27
68/ 67																		87	87	59	46
66/ 65																		92	92	79	48
64/ 63																		90	90	77	66
62/ 61																		68	68	74	65
60/ 59																		69	69	84	64
58/ 57																		56	56	75	46
56/ 55																		30	30	65	62
54/ 53																		33	33	57	57
52/ 51																		21	21	57	59
50/ 49																		21	21	51	50
48/ 47																		15	15	34	41
46/ 45																		8	8	37	36
44/ 43																		8	8	28	42
42/ 41																		3	3	17	30
40/ 39																				10	39
38/ 37																		2	2	7	22
36/ 35																				6	25
34/ 33																				1	24
32/ 31																					14
30/ 29																					15
28/ 27																					12
26/ 25																					5
24/ 23																					4
22/ 21																					4
Element (X)	Z _x ¹	Z _x	X	X ₂	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17713 SEYMOUR-JOHNSON AFB NC 67-76, 73-78 OCT
STATION STATION NAME YEARS MONTH
PAGE 1 1206-1400
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
87/ 65																		2	2	
86/ 87																		5	5	
85/ 85																		21	21	
84/ 83					.1	.2	.6	1.0										31	31	
83/ 81				.1	.3	1.0	1.4	.9	1.1	.4	.1	.1						32	32	
82/ 79		.0	.1	.3	.5	1.1	1.4	1.0	1.0	.4	.6							68	68	
79/ 77		.1	.3	.6	1.0	1.2	1.3	1.3	1.1	.9	.4							95	95	2
76/ 75		.1	.3	.8	1.1	1.5	1.9	2.4	1.1	.5								88	88	2
74/ 73	.1	.4	.4	.9	1.2	1.6	1.3	1.3	1.4	.3	.2							86	86	29
72/ 71	.1	.3	.4	1.0	.9	.9	.8	1.1	.9	.9	.1							71	71	55
69/ 69		.4	.4	.5	2.2	1.1	.2	1.1	1.7	.6	.1							78	78	68
68/ 67	.1	.8	.5	.6	1.4	1.4	.9	.9	.9	.4								67	67	65
66/ 65		.9	.2	1.0	1.4	.9	.6	1.1	.9	.1								61	61	95
64/ 63		.1	.6	.5	.5	1.3	.6	1.7	1.1									55	55	100
62/ 61	.1	.1	.2	.3	.4	.4	1.1	1.3	.5									46	46	92
59/ 59		.2	.4	.3	.7	.4	.3	.5	.2									23	23	61
58/ 57	.1	.1	.4	.2	.9	.8	.9	.9	.9									28	28	56
55/ 55		.1	.1	.1	.6	.9	.2	.2	.2									19	19	58
54/ 53					.4	.2	.2											8	8	59
52/ 51			.1		.1	.4	.1											5	5	38
50/ 49		.9	.2		.2	.1	.1											11	11	43
48/ 47		.1		.1	.1													3	3	34
46/ 46		.3		.3														6	6	31
44/ 43																				19
42/ 41																				5
40/ 39																				6
36/ 37																				3
35/ 35																				
34/ 33																				
32/ 31																				
30/ 29																				
28/ 27																				
26/ 25																				
24/ 23																				
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total								
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1713 SEYMOUR-JOHNSON AFB NC 67-73, 73-75 OCT

STATION STATION NAME YEARS MONTH

PAGE 2 1200-1400

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B., W.B.	Dry Bulb	Wet Bulb, Dew Point																		
2/ 21																																					3	
TOTAL	.4	4.8	4.0	8.0	13.2	15.0	16.4	18.3	12.2	5.3	1.0		.4	.1																						929	929	

Element (K)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						$\pm 0 F$	$\pm 32 F$	$\pm 67 F$	$\pm 73 F$	$\pm 80 F$	$\pm 93 F$	Total
Rel. Hum.	2863002	49052	52.8	17.152	929							
Dry Bulb	4755468	66008	71.0	8.432	929			66.5	44.8	14.8		93
Wet Bulb	3445296	56044	60.3	8.325	929			23.0	4.2			93
Dew Point	2621908	48072	51.7	12.033	929			7.7	9.2	1.1		93

2841
 USAFETAC FORM 0-26-5 (OLA) JUL 64
 REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17713 SEYMOUR-JOHNSON AFB MO 67-70, 73-74 OCT
 STATION STATION NAME YEARS MONTH
 PAGE 1 1576-1700
 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																
97/85																																		2			
87/87																																					
85/85																																					
81/81																																					
79/79																																					
77/77																																					
75/75																																					
73/73																																					
71/71																																					
69/69																																					
67/67																																					
65/65																																					
63/63																																					
61/61																																					
59/59																																					
57/57																																					
55/55																																					
53/53																																					
51/51																																					
49/49																																					
47/47																																					
45/45																																					
43/43																																					
41/41																																					
39/39																																					
37/37																																					
35/35																																					
33/33																																					
31/31																																					
29/29																																					
27/27																																					
25/25																																					
23/23																																					
Element (X)	Σx ²		Σx		X	s _x	No. Obs.						Mean No. of Hours with Temperature																								
Rel. Hum.							≤ 0 F	± 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1713 SEYMOUR-JOHNSON AFB NC 67-70, 73-78 OCT 1950-2000
 STATION STATION NAME YEARS MONTH HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21	22	23	24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
47/63																																		1	1		
57/61																																		4	4		
77/79				.1																													5	5			
77/77			.1	.2	.3	.2																											11	11			
76/75			.3	.3	.9	1.1																											28	28	5	4	
74/73			.8	.6	1.5	.7																											39	39	10	3	
72/71			1.0	2.6	1.6	1.1																											66	66	16	11	
73/69			.9	3.3	1.0	1.2																											67	67	33	15	
60/67	.2	2.4	4.0	2.7	2.2	.4	.5																										116	116	71	31	
56/65	.1	2.6	2.0	2.0	1.9	.6	.2																										35	35	84	61	
44/63		1.9	2.3	2.6	2.0	.3	.3																										92	92	79	89	
62/61		1.8	2.7	2.3	1.2	.5	.2																										32	32	92	52	
50/59		1.0	2.6	.9	2.0	1.0	.1																										70	70	82	65	
53/57		.4	1.9	2.3	1.8	.8	.2																										69	69	77	53	
56/55		.2	1.2	1.2	1.1	.5	.1																										39	39	69	70	
54/53			.8	.9	.9	.5	.1																										29	29	47	75	
72/51		.3	.8	1.3	.4	.4																											30	30	63	49	
50/49		.6	1.1	.8	.6																												29	29	46	43	
45/47		.3	1.0	.6	.5																												23	23	39	39	
46/45		.2	1.2	.2																													16	16	39	46	
74/43		.5	.8	.4	.2																												18	18	33	36	
42/41		.1	.2	.1																													4	4	28	47	
40/39			.3	.1																													4	4	8	37	
38/37				.1																													1	1	7	39	
36/35																																			6	11	
34/33																																				1	13
32/31																																					19
30/29																																					10
28/27																																					4
26/25																																					2
24/23																																					1
TOTAL		.315	.530	.023	.519	.17	7.9	2.6	1.1	.2																									930	930	930
Element (X)	ΣX^2	ΣX	ΣX	ΣX	ΣX	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.	5013368	67070	72.1	13.780	930	$\pm 0 F$	$\pm 32 F$	$\pm 67 F$	$\pm 73 F$	$\pm 80 F$	$\pm 93 F$	Total																									
Dry Bulb	3709243	58225	62.6	8.295	930			33.9	8.8	.9		93																									
Wet Bulb	3133964	53434	57.4	8.512	930			13.7	1.5			93																									
Dew Point	2724723	49365	53.1	10.492	930		3.6	6.4	.4			93																									

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

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15713 STATION 267-70, 75-79 YEARS 21-23 MONTH

PAGE 1 21-23 MONTHS
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11	12	13-14	15-16	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																
75/ 77			.3																															3	7				
74/ 75			.5		.1	.1																													5	9	4	1	
74/ 73			.5	.2																															15	15	5	4	
72/ 71			1.9	1.9	.1	.1																													38	38	10	9	
71/ 69			1.7	1.9	.3	.1																													38	38	26	12	
69/ 67			3.3	2.3	.5		.2																												53	53	41	49	
67/ 65	.3		6.3	1.3	.9	.2	.1																												87	87	62	95	
64/ 63	.3		5.1	2.2	.8	.6	.2																												85	85	63	89	
61/ 61	.1		4.9	3.7	1.5		.2	.1																											98	98	64	69	
61/ 59			2.7	4.4	1.3	.1	.1	.1																											61	61	69	52	
58/ 57			2.8	3.7	.9	.3	.2	.1	.1																										69	69	71	72	
56/ 55	.1		2.9	2.2	1.2	.3	.4	.1																											67	67	64	71	
54/ 52			.9	2.5	.9	.3		.1																											43	43	62	77	
52/ 51			1.8	2.2	1.1	.3	.2																												52	52	44	47	
51/ 49			1.8	1.6	1.1	.1	.4																												48	48	50	51	
47/ 47			1.1	1.1	.3	.4																													27	27	63	55	
46/ 45			1.5	1.3	.2																														28	28	30	39	
44/ 43			1.7	.9	.1																														25	25	40	34	
42/ 41			1.8	1.3	.1																														27	27	34	39	
41/ 39			1.7	.8	.1																														17	17	34	40	
38/ 37			.8	.3																															10	10	15	37	
36/ 35			.4																																4	4	14	27	
34/ 33				.1																															1	1	5	17	
22/ 31			.1																																1	1	1	19	
27/ 29			.1																																1	1	2	7	
28/ 21																																							
28/ 25																																							
TOTAL			.945	.635	.212	.3	3.4	1.8	.6	.1	.1																									930	930	930	957

Element (X)	$\Sigma x'$	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	6310262	75914	61.6	11.056	930	$\geq 0 F$	$\geq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	Total
Dry Bulb	3224129	54131	58.2	8.890	930			15.0	2.3			93
Wet Bulb	2903815	51269	55.1	9.131	930			8.5	.8			93
Dew Point	2659872	48790	52.5	10.387	930	3.3	5.6	.5				63

28430
 USAFETAC FORM 0-26-5 (OL A)
 REVISED METHODS EMPLOYED OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17713 SEYMGUR-JOHNSON AFB A.C.

67-7C, 73-7F

OCT
 MONTH

PAGE 1

ALL
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point																
87/87																																	4	4		
86/87																																		14	14	
85/83																																		40	40	
84/83																																		67	67	
83/81																																		111	111	
82/79																																		160	160	
81/77																																		222	222	10
80/75																																		273	273	24
79/73																																		317	317	94
78/71																																		395	395	103
77/69																																		409	409	304
76/67																																		515	515	307
75/65																																		536	536	356
74/63																																		604	604	497
73/61																																		656	656	522
72/59																																		644	644	465
71/57																																		455	455	545
70/55																																		380	380	516
69/53																																		291	291	481
68/51																																		251	251	394
67/49																																		270	270	351
66/47																																		196	196	336
65/45																																		179	179	348
64/43																																		179	179	327
63/41																																		129	129	283
62/39																																		115	115	298
61/37																																		61	61	263
60/35																																		54	54	210
59/33																																		34	34	176
58/31																																		5	5	189
57/29																																		3	3	102
56/27																																		5	5	67
55/25																																		2	2	58
54/23																																		2	2	18
Element (X)	Σx ²		Σx		Σ	Σ ₂	No. Obs.		Mean No. of Hours with Temperature										Total																	
Rel. Hum.									≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 92 F																						
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/4AC

PSYCHROMETRIC SUMMARY

17713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

67-70, 73-78
YEARS

OCT
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																
TOTAL	2.4	35.1	18.9	17.7	8.7	7.1	6.1	5.2	3.2	1.4	.6	.1	.1																					7439	7439	7439	7439
Element (X)	Z _x ¹	Z _x	X	F _x	No. Obs.	Mean No. of Hours with Temperature																															
Rel. Hum.	42680540	544610	73.2	19.435	7439	≤ 0 F	≤ 32 F	> 67 F	> 73 F	> 80 F	> 93 F	Total																									
Dry Bulb	29142830	458413	61.6	10.965	7439		1.5	252.6	120.1	31.2		744																									
Wet Bulb	24246976	418744	56.3	9.531	7439		4.6	102.9	13.5			744																									
Dew Point	20927979	385729	51.8	1.164	7439		44.5	55.6	4.5			744																									

26440
USAETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1713 SEYMOUR-JOHNSON AFB NC

67-70, 73-76

NOV

STATION

STATION NAME

YEARS

MONTH

PAGE 1 2008-3202

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point					
74/ 73			.1																1	1					
72/ 71		.1	.1																3	3					
70/ 69	1.3	.1	.1	.1	.2														15	27	13				
68/ 67	.7	1.7	.6	.1	.1														28	25	17				
66/ 65	.3	.7	.2	.1															12	12	19				
64/ 63	.2	1.6	1.1	.2															28	3	11				
62/ 61	.6	1.9	.7																28	28	24				
60/ 59	.6	3.6	2.1	.3		.1													60	37	26				
58/ 57	.4	3.4	.8	.3	.1		.1												47	47	29				
56/ 55		3.2	1.7	.6	.3	.1													53	53	53				
54/ 53	.6	2.3	.9	.8	.2	.1	.2												46	46	53				
52/ 51	.1	2.1	1.9	.3	.4														44	44	32				
50/ 49	.1	3.6	1.3	.8	1.2	.1	.1												55	55	33				
48/ 47	.2	3.7	1.7	.8	.6	.4	.1												61	61	36				
46/ 45	.1	2.4	1.1	.9	.7	.3	.1												50	50	52				
44/ 43	.2	2.3	1.7	2.1	.3	.1													61	61	47				
42/ 41	.1	2.6	1.1	.7	.2														42	42	39				
40/ 39	.4	2.6	2.0	1.2	.3														66	66	43				
38/ 37		2.4	.9	.7	.2														38	38	31				
36/ 35		1.9	1.3	1.8	.2														47	47	44				
34/ 33	.1	1.2	.9	.2															22	22	52				
32/ 31	.2	.7	.7	.8															23	23	42				
30/ 29		1.1	1.1	.1	.1														22	22	47				
28/ 27		1.1	.4	.2															16	16	32				
26/ 25		1.1	.6	.1															16	16	23				
24/ 23		.1																	1	1	16				
22/ 21																					32				
20/ 19																					18				
18/ 17																					21				
16/ 15																					10				
14/ 13																					9				
12/ 11																					3				
10/ 9																					5				
8/ 3																					2				
Element (X)	Z _x ¹	Z _x	X	σ _x	No. Obs.	Mean No. of Hours with Temperature																			
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total													
Dry Bulb																									
Wet Bulb																									
Dew Point																									

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AI WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15713 SEYMOUR-JOHNSON AFB NC
STATION STATION NAME

67-70, 73-79
YEARS

NCV
MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb	Dew Point			
TOTAL	6.0	47.7	26.0	13.0	5.7	1.3	.7												900	900	900			
Element (X)	Σx ²	Σx	X	x _o	No. Obs.	Mean No. of Hours with Temperature						Total												
Rel. Hum.	5733085	70471	78.3	15.469	900	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90												
Dry Bulb	2192047	43303	48.1	10.988	900		7.8	5.2	.1			90												
Wet Bulb	1955307	40657	45.2	11.488	900		13.3	2.5				90												
Dew Point	1711420	37158	41.3	14.043	900		26.1	2.2				90												

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

2845

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13713 SEYMOUR-JOHNSON AFB NC

67-70, 73-76

NOV
 MONTH

PAGE : 3300-0520
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
72/ 71		.1																1	1						
71/ 69	.5	.4	.6	.1														17	17	9	6				
68/ 67	.9	.9	.6		.1													22	22	15	13				
66/ 65	.3	1.2	.2	.2														18	19	13	15				
64/ 63	.3	1.0	.1	.1														14	14	21	9				
62/ 61	.5	2.4	1.0															38	38	29	36				
57/ 59	.8	2.8	.9															40	47	34	27				
58/ 57	.9	3.6	1.1															50	57	45	38				
56/ 55	.1	4.0	1.3	.2														51	51	38	38				
54/ 53	.4	2.9	.8	.4	.2													43	43	48	44				
52/ 51	.2	1.6	.9	.7	.6	.2												37	37	33	33				
50/ 49	.3	3.6	.9	.7	.7													55	55	36	40				
48/ 47	.3	3.9	.9	.8	.2	.2												57	57	43	34				
46/ 45	.1	3.6	1.0	.9	.1	.3												54	54	61	41				
44/ 43		2.8	1.9	1.2	.3	.3												56	56	43	35				
42/ 41	.4	2.1	1.6	.7	.1													44	44	57	44				
40/ 39	.8	3.0	2.1	.8		.1												61	61	49	37				
38/ 37	.1	2.8	2.6	.3	.2													54	54	57	38				
36/ 35		2.7	1.2	.6														40	40	57	45				
34/ 33	.2	2.3	1.2	.6	.1													40	40	59	48				
32/ 31	.3	1.8	1.1	.4														33	33	33	46				
30/ 29		1.1	1.2	.1														22	22	31	52				
28/ 27		.9	1.0	.3														20	20	28	35				
26/ 25		2.0	.1															19	19	29	30				
24/ 23		.6	.3	.2														10	10	19	15				
22/ 21		.4																4	4	5	32				
20/ 19																				8	22				
18/ 17																				1	20				
16/ 15																					9				
14/ 13																					7				
12/ 11																					6				
10/ 9																					5				
8/ 8																					2				
2/ 1																					1				
Element (X)	ΣX'	ΣX	Σ	σ _x	No. Obs.	Mean No. of Hours with Temperature																			
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	total													
Dry Bulb																									
Wet Bulb																									
Dew Point																									

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFB WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17713 SEYMOUR-JOHNSON AFB NC 67-70, 73-78 NOV
STATION STATION NAME YEARS MONTH

PAGE 3 0322-05
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
TOTAL	8.2	54.3	24.4	9.1	2.7	1.2												920	900	920	920

USAFETAC FORM 16-64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 2846

Element (X)	ΣX^2	ΣX	\bar{X}	S_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	6070012	72810	80.9	14.138	900							
Dry Bulb	2061644	41840	46.5	11.386	900		10.8	4.0				90
Wet Bulb	1872102	39650	44.1	11.806	900		15.4	2.4				90
Dew Point	1665888	36600	40.7	14.051	900		28.2	2.1				90

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13713 STATION SEYMOUR-JOHNSON AFB NC STATION NAME 67-70,73-78 YEARS MONTH NOV

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
72/ 71	.3		.1															4	4	5	5					
75/ 69	.8	.7	.2															13	13	5	5					
68/ 67	.8	.1	.6	.1	.1													15	15	14	11					
66/ 65	.4	1.3	.7	.2														24	24	13	17					
64/ 63	.4	1.2	.2		.1													19	18	15	13					
62/ 61	.4	2.2	.7		.1													31	31	33	17					
57/ 59	.9	3.7	1.1	.1														52	52	34	35					
58/ 57	1.7	3.3	.6	.2														46	46	51	57					
56/ 55	.2	3.2	.6	.1	.1													36	38	46	49					
54/ 53	.3	3.1	1.7	.2														42	42	26	36					
52/ 51	.2	2.1	.8	.6	.2													35	35	39	38					
53/ 49	.4	4.0	1.4	.3	.2	.1												59	59	42	31					
48/ 47	.4	2.2	1.4	.7	.3	.2												46	48	46	41					
46/ 45	.3	1.8	1.4	1.0	.1	.1												42	42	43	34					
44/ 43	.4	3.2	2.0	1.0	.1													61	61	39	26					
42/ 41	.1	2.9	2.4	1.2														58	58	58	49					
40/ 39	.1	2.7	2.4	.8	.3													57	57	57	35					
38/ 37	.1	3.9	1.7	.4	.1													56	56	48	42					
36/ 35	.2	2.3	1.4	.4	.3													43	43	73	49					
34/ 33		2.1	1.4	.4														36	36	43	43					
32/ 31	.1	2.3	1.0	.4														35	35	37	54					
30/ 29	.1	1.9	1.3	.3														23	33	39	50					
28/ 27	.1	1.1	.6	.1														17	17	34	34					
26/ 25		1.4	.4															17	17	21	31					
24/ 23		1.0	.4															13	13	22	24					
22/ 21		.2	.2															4	4	11	26					
20/ 19		.3																3	3	4	22					
18/ 17																				4	19					
16/ 15																					9					
14/ 13																					2					
12/ 11																					9					
10/ 9																					6					
8/ 7																					3					
6/ 5																					1					
Element (X)	Z _X ²	Z _X	X	e _X	No. Obs.	Mean No. of Hours with Temperature						Total														
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F															
Dry Bulb																										
Wet Bulb																										
Dew Point																										

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AT7 WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17713 SEYMOUR-JOHNSON AFB NC
 STATION STATION NAME

67-70, 73-75
 YEARS

NOV
 MONTH

PAGE 1 1930-1137
 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																		
91/81						.1																											1	1				
81/79						.1		.1	.4																									7	7			
79/77						.6	.2																											2	2			
76/75			.2	.2	.1	.3	.2	.1																										11	11			
74/73		.1	.2	.2	.2	.4	.2	.2	.1																									15	15	2	1	
72/71		.7	.2	.4	.6	.5	.3																											23	23	19	6	
70/69		.2	.1	.6	.9	.4	.3	1.7	.1																									33	33	14	4	
68/67		.2	.7	.8	.7	1.9	.1	.6	.1																									45	45	18	9	
66/65		.2	1.1	.7	.3	.4	.4	.7	.3	.1	.1																							40	40	33	17	
64/63		.2	1.7	1.0	1.2	1.1	.4	.3	.1	.2																								57	57	36	42	
62/61		.2	1.8	.9	.7	.8	.1	.4	.3																									47	47	42	47	
60/59		.4	2.2	1.7	1.1	1.6	.8	.7	.4	.1																								75	75	55	31	
58/57		.1	1.1	1.8	1.3	.8	.9	.9	.2																									64	64	49	41	
56/55			1.3	.9	1.2	.6	.8	.3																										48	48	47	44	
54/53			.4	.9	.7	1.2	1.1	.8	.1																									47	47	59	36	
52/51			1.2	1.2	1.4	1.3	1.4	.8	.2																									69	69	49	35	
50/49			1.2	.4	1.2	1.4	1.2	1.1																										60	60	58	51	
48/47		.2	1.3	1.0	1.6	1.4	1.7	.1																										61	61	54	40	
46/45			.3	1.0	1.1	1.5	.8	.1																										39	39	57	45	
44/43			.4	.9	.7	.9	.7																											32	32	53	32	
42/41			.9	.6	.6	1.0	.8																											34	34	57	28	
40/39			1.1	.3	1.1	.8	.2																											32	32	63	34	
38/37			.4	.1	1.0	.4																												18	18	42	56	
36/35			.1	.1	.7	.1	.1																											12	12	26	37	
34/33			.1	.2	.1	.3																												7	7	26	43	
32/31				.3	.3	.3																												9	9	29	38	
30/29																																					11	32
28/27					.1																													4	4	7	28	
26/25				.1	.1																													2	2	3	22	
24/23																																				6	25	
22/21																																					2	32
20/19																																					1	19
18/17																																						14
16/15																																					9	
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																																
Rel. Hum						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																										
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

19713 SEYMOUR-JOHNSON AFB NC 67-70, 73-78 YEARS NOV MONTH

PAGE 1 1900-1100 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																														
14/13																																							3											
12/11																																							4											
11/9																																							2											
11/7																																								5										
6/5																																								4										
TOTAL	2.6	18.0	16.2	19.1	19.6	12.7	8.3	2.9	.6	.1																																						470	919	910

Element (X)	Σx ²	Σx	X	Σx	No. Obs.	Mean No. of Hours with Temperature					Total
						± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	
Rel. Hum.	4047535	57815	64.2	19.262	900						
Dry Bulb	2843388	49670	55.2	10.660	900	1.5	14.3	4.2	.5		90
Wet Bulb	2283087	4263	49.2	10.868	900	5.9	4.0	.2			97
Dew Point	1800047	38069	42.3	14.523	900	24.2	2.2	.1			90

2048 FORM 0-26-5 (OL A) REVISÉ PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12713 SEYMOUR-JOHNSON AFB NC 67-70, 73-78 NOV
STATION STATION NAME YEARS MONTH
PAGE 1 1250-1461
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																	
88/ 87																																3	3				
86/ 85																																	4	4			
84/ 83																																	6	6			
82/ 81																																	16	16			
80/ 79																																	20	20			
78/ 77																																	23	23			
76/ 75																																	45	45			
74/ 73																																	52	52	13	7	
72/ 71																																	47	47	5	7	
70/ 69																																	45	45	27	3	
68/ 67																																	63	63	30	14	
66/ 65																																	64	64	49	35	
64/ 63																																	48	48	43	24	
62/ 61																																	57	57	42	20	
60/ 59																																	54	54	62	42	
58/ 57																																	58	58	44	35	
56/ 55																																	60	60	52	45	
54/ 53																																	56	56	51	46	
52/ 51																																	37	37	55	30	
50/ 49																																	36	36	64	31	
48/ 47																																	24	24	58	27	
46/ 45																																	20	20	55	51	
44/ 43																																	22	22	63	39	
42/ 41																																	19	19	50	35	
40/ 39																																	7	7	32	41	
38/ 37																																	9	9	22	37	
36/ 35																																	1	1	35	36	
34/ 33																																	1	1	21	29	
32/ 31																																	2	2	6	61	
30/ 29																																	1	1	6	27	
28/ 27																																				4	27
26/ 25																																				4	27
24/ 23																																				20	
22/ 21																																				24	
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																															
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total																									
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17713 SEYMOUR-JOHNSON AFB AC
STATION STATION NAME

67-70, 73-78
YEARS

NOV
MONTH

PAGE 2 1270-14 JK
HOURS (L, S, T,)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	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																
18/ 16																																						23
17/ 17																																						22
16/ 15																																						15
14/ 13																																						13
12/ 11																																						9
11/ 9																																						4
8/ 7																																						4
6/ 5																																						3
TOTAL	1.1	7.9	6.1	5.8	11.1	19.1	19.0	16.8	9.4	3.7	.8	.1																										900

Element (X)	ΣX²	ΣX	Σ	Σ²	No. Obs.	Mean No. of Hours with Temperature																															
						≤ 0°	≤ 32 F	≤ 47 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																									
Rel. Hum.	2599574	44902	49.9	19.966	900																																
Dry Bulb	3541982	55604	61.8	10.821	900			3	32.4	16.9	3.8																										90
Wet Bulb	2517038	46662	51.8	10.428	900			2.0	7.2	1.0																											90
Dew Point	1731661	37063	41.2	15.134	900			29.6	2.5	.2																											90

2849
 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

17713 SEYMOUR-JOHNSON AFB NC

67-76, 73-78

NOV
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														
87/ 87												.1						1	1																
86/ 85												.2						4	4																
84/ 83												.3						7	7																
82/ 81									.3	.6	.1							9	9																
81/ 79				.2		.6	.3		.3	.3								21	31																
78/ 77				.3	.7	.4	.3		.4	.2	.1							26	26																
76/ 75		.2	.1	.7	.1	1.2	.8	.7	.4	.4	.1							29	29	1															
74/ 73	.1			.1	.3	.8	1.1	1.1	.9	.7								44	44	5	3														
72/ 71		.1	.6	.1	.3	.8	.6	.7	.7	.3								37	37	8	3														
70/ 69		.3	.2	.8	1.7	.5	1.6	1.7	.7	.7	.1	.2						58	36	17	4														
68/ 67	.2	.2	.8	.3	.9	1.4	.9	.9	1.4	1.1								73	73	27	17														
66/ 65		.7	.6	.9	1.7	.2	1.3	.1	.7	.1								53	50	35	11														
64/ 63		1.3	.7	.4	.6	1.6	1.1	1.4	.1	.7								68	63	55	14														
62/ 61		.3	.7	.2	.4	.8	1.7	1.6	.8									50	50	56	33														
60/ 59	.1	.3	.4	.4	.7	.8	1.4	1.3	.7									53	53	50	31														
58/ 57	.2	.2	.4	.6	.2	1.3	1.6	1.7	.2	.2								64	64	59	35														
56/ 55		.8	.4	.6	.3	.8	1.4	1.6	.7									59	59	44	44														
54/ 53	.1	.1	.2	.2	.4	1.3	2.2	.7	.1									49	49	64	45														
52/ 51	.1	.4	.6	.6	.2	1.7	1.7	.2	.7									37	37	51	42														
50/ 49	.6	.9	.1	.2	.5	1.2	1.4	.2										46	46	64	32														
48/ 47		.1	.2	.3	.2	.7	1.5	.3										36	36	66	31														
46/ 45		.2	.3	.1	.1	.9	.8											22	22	57	41														
44/ 43		.4	.1			1.7	.3											17	17	55	48														
42/ 41		.2		.2	.3	.7												13	13	58	36														
40/ 39		.3			.2	.5												13	13	31	40														
38/ 37			.1			.4												4	4	31	36														
36/ 35						.1												1	1	39	31														
34/ 33																				21	32														
32/ 31				.3														3	3	11	53														
30/ 29																				4	23														
28/ 27																				3	31														
26/ 25																				3	28														
24/ 23																					23														
22/ 21																					21														
Element (X)	Z _X ¹	Z _X	X	c _X	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

FORM 0-26-5 (OL A) REVISED FEBRUARY 1967 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13713 LEYMCUR-JOHNSON AFB MO 67-71, 73-75 157
STATION STATION NAME YEARS MONTH
PAGE 1 1570-1700
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																
77 15																																					
76 17																																					
75 15																																					
74 13																																					
73 11																																					
72 9																																					
71 7																																					
70 5																																					
69 3																																					
TOTAL	1.4	7.7	6.4	7.7	8.9	19.2	20.6	14.9	9.7	3.6	1.3	.1																									

Element (X)	Σx²	Σx	I	Σx	No. Obs.	Mean No. of Hours with Temperature																														
						≥ 0 F	≥ 31 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Rel. Hum.	2616643	44955	50.7	20.318	900																															
Dry Bulb	3489101	55245	61.4	10.440	900			31.5	14.7	2.7																										
Wet Bulb	2481317	46371	51.5	10.123	900			2.1	6.0	.6																										
Dew Point	1700042	35686	40.8	15.087	900			28.5	2.7	.3																										

2850
 USAFETAC FORM 0-26-5 (OL A)
 REVISI^{ON} PREVIOUS EDITIONS OF THIS OLM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION: 17713 STATION NAME: SEYMOUR-JOHNSON AFB MC YEARS: 67-70, 73-74 MONTH: NOV
 PAGE 1 1876-2022
 HOURS (L, S, T):

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	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																
75/ 77																																						
74/ 75								.1		.1																												
74/ 73			.4	.1	.2	.4	.3	.1	.1																													
72/ 71	.1	.3	1.0	.1	.3	.2	.2																															
71/ 69	.4	.6	.2	.7	.4	.2																																
69/ 67	.2	.6	.8	1.1	.8	.2	.1																															
66/ 65	.1	.7	1.3	1.9	.4	.2	.3	.2	.1																													
64/ 63		.2	.4	1.2	.8	.2	.1			.1																												
62/ 61	.1	1.4	1.7	1.6	.4	.7	.2	.1																														
60/ 59		.9	1.3	.6	1.1	.8	.3	.2																														
58/ 57	.3	.8	1.1	1.2	1.4	.6	.6	.3																														
56/ 55		1.3	1.1	2.0	.8	.9	.2																															
47/ 52		1.0	2.1	1.1	1.3	.9	.7																															
52/ 51	.6	1.0	1.8	1.1	1.9	1.1	.2	.1																														
50/ 49		1.3	2.1	1.1	1.7	1.1	.3																															
48/ 47	.1	.7	.4	1.1	2.2	1.7																																
46/ 45		.8	1.2	2.6	1.4	.9	.3																															
44/ 43		.4	1.4	1.2	1.7	.7	.3																															
42/ 41		.3	1.0	.8	1.3	.3																																
47/ 39		.4	.9	1.2	.9	.2																																
38/ 37		.1	.7	.9	.4	.1																																
36/ 35			.3	.1	.4																																	
34/ 33			.9	.6	.7																																	
32/ 31			.3	.2	.1																																	
31/ 29				.6																																		
28/ 27																																						
20/ 25																																						
24/ 23																																						
22/ 21																																						
20/ 19																																						
18/ 17																																						
16/ 15																																						
14/ 13																																						
12/ 11																																						
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total																											
Rel. Hum.						= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total																										
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/LMAC

PSYCHROMETRIC SUMMARY

13713 STATION SEYMOUR-JOHNSON AFB TX STATION NAME 67-70.73-7 YEARS NOV MONTH

PAGE 1 1613-2000 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														
17	5																																		
17	7																																		
17	9																																		
TOTAL	2	15	22	22	22	12	9	11	9	4	1	1	7	2																					

Element (X)	$\sum x^2$	$\sum x$	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum	$\sum x^2$	$\sum x$	\bar{x}	σ_x	No. Obs.	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total
Dry Bulb	4176594	59210	65.4	17.750	900			1.1	9.9	2.1		13.1
Wet Bulb	2687263	48351	53.7	9.988	900			5.9	3.8	.1		9.9
Dew Point	2193716	43414	48.2	10.522	900			25.4	2.9			28.3

28510
 USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AFB WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

10713 STATION SEYMOUR-JOHNSON AFB MO TATION NAME 67-70, 73-79 YEARS NCV MONTH

PAGE: 1 210-2300 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb	Dew Point				
76/ 73				.1	.1													1	1					
74/ 73				.3	.1													3	3					
72/ 71		.4	.3	.1						.1								9	9	7				
77/ 69	.7	.4	.7	.4						.4								24	24	12				
68/ 67	.4	1.1	.3	.7	.3													23	23	18				
66/ 65	.2	1.1	.7	.3														21	21	16				
64/ 63	.1	2.4	.9	.6	.2													37	37	14				
62/ 61	.4	1.7	2.1	.8	.2	.1												47	47	28				
57/ 59	.2	2.6	2.1	.6	.4	.4	.1											60	60	31				
56/ 57	.4	1.3	1.7	.4	.7		.2											43	43	33				
56/ 55	.1	1.7	.8	1.3	.1	.4												40	40	26				
54/ 53		2.4	1.8	.7	.3	.7	.6	.1										59	59	47				
52/ 51	.3	1.9	3.3	.1	.8	.3												61	61	36				
51/ 49		2.2	2.7	1.1	.4	.4	.4											68	68	41				
47/ 47		2.7	1.8	1.4	.6	.3	.1											60	60	34				
46/ 45	.1	1.7	1.2	1.4	.7	.2												48	48	55				
44/ 43		1.9	1.8	1.8	.9	.1												58	58	56				
42/ 41		1.3	2.6	1.6	.7													55	55	40				
41/ 39		2.0	1.8	1.0	.7													50	50	32				
39/ 37		1.3	.8	1.2	.3	.3												36	36	32				
38/ 35		.7	1.1	1.2	.2													23	28	39				
34/ 33		.9	1.1	.4	.1													25	25	51				
32/ 31		.3	.7	.3	.1													13	13	53				
31/ 29		.1	1.2	.3														20	20	30				
27/ 27		.4	.2	.1														7	7	19				
26/ 25			.8	.1														4	4	25				
24/ 23																				22				
22/ 21																				2				
20/ 19																				16				
18/ 17																				19				
16/ 15																				4				
14/ 13																				8				
12/ 11																				4				
10/ 9																				6				
Element (X)	Z _X ¹	Z _X	X	e _X	No. Obs.	Mean No. of Hours with Temperature																		
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb																								
Wet Bulb																								
Dew Point																								

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12713 SEYMOUR-JOHNSON AFB NC 67-70, 73-78 NOV

STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	x 31	Dry Bulb	Wet Bulb	Dew Point																	
87/ 87																														4	4						
86/ 85																															8	8					
84/ 83																															9	9					
82/ 81																															26	26					
81/ 79					.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1		48	48						
79/ 77				.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1		67	67					
76/ 75		.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1		98	98	1					
74/ 73	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1		131	131	18	6			
71/ 71	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1		149	149	33	25			
70/ 69	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1		233	233	107	53			
68/ 67	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1		303	303	157	96			
66/ 65	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1		277	277	202	100			
64/ 63	.1	1.5	.6	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4		316	316	221	121				
62/ 61	.1	1.5	1.1	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4		357	357	351	237			
60/ 59	.1	2.0	1.1	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4		440	440	353	274			
58/ 57	.1	1.8	.9	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5		429	429	389	295			
56/ 55	.1	2.1	1.0	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5		411	411	339	339			
54/ 53	.1	1.9	1.0	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5		406	406	378	349			
52/ 51	.1	1.3	1.3	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7		389	339	358	293			
50/ 49	.1	2.2	1.1	.7	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9		457	457	431	281			
48/ 47	.1	1.9	.8	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6		397	397	441	279			
46/ 45	.1	1.3	1.0	1.0	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5		339	339	455	383			
44/ 43	.1	1.9	1.2	1.0	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5		353	353	382	321			
42/ 41	.1	1.4	1.2	.7	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6		299	299	456	339			
41/ 39	.1	1.5	1.3	.7	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4		317	317	394	291			
38/ 37	.1	1.4	.8	.6	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4		235	235	386	312			
36/ 35	.1	1.0	.7	.6	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4		182	182	361	325			
34/ 33	.1	.8	.7	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4		147	147	265	346			
32/ 31	.1	.7	.5	.4	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1		124	124	209	392			
31/ 29	.1	.6	.6	.4	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1		103	103	161	353			
28/ 27	.1	.4	.4	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1		64	64	126	255			
26/ 25	.1	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		58	58	107	238			
24/ 23	.1	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		24	24	74	164			
22/ 21	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		8	8	27	223			
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																															
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total																									
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAc

PSYCHROMETRIC SUMMARY

13713 SEYMOUR-JOHNSON AFB NC 67-70, 73-74 NCV
MONTH
STATION STATION NAME YEARS

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL													
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	Dry Bulb	Wet Bulb	Dew Point																										
20/19			0.7																																	3		3	13	10.9						
18/17																																								5		5	10.1			
16/15																																													81	
14/13																																													59	
12/11																																													59	
10/9																																														45
8/7																																													19	
6/5																																													12	
4/3																																													9	
2/1																																													2	
TOTAL		4.1	29.8	20.0	13.0	1.0	9.8	8.6	6.3	4.4	2.4	.9	.2	.7																												7200	7200	7200		

Element (X)	Z _X ¹	Z _X	\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.	36551938	490116	68.121	0.047	7200							
Dry Bulb	21193551	380431	52.812	0.319	7200			38.4	106.5	38.4	7.0	720
Wet Bulb	17185088	341963	47.511	0.449	7200			72.2	31.6	1.9		720
Dew Point	13732615	296931	41.214	0.372	7200			215.8	18.0	.6		720

28530
 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

13713 SEYMOUR-JOHNSON AFB NC 67-70, 73-78 0000-0230
 STATION STATION NAME YEARS MONTH HOURS (L. S. T.)

PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL		
	0	.2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
72/ 71			.1															1	0							
71/ 69		.3	.2															5	5							
68/ 67		.3	.8															10	10	6	5					
66/ 65		.1	.6	.5														10	17	6	5					
64/ 63		1.3	.5	.2														19	19	9	6					
62/ 61	.9	1.6	.8	.5														31	31	24	27					
60/ 59	.4	.9	.5	.4														23	23	32	27					
58/ 57	.3	1.6	.4	.2														23	23	17	22					
56/ 55	.8	1.9	.4	.1														30	30	27	29					
54/ 53	.9	2.0	1.0	.4	.3					.1								41	41	34	27					
52/ 51	.1	1.4	.2	.3	.5	.1	.1											26	26	24	21					
51/ 49	1.2	2.5	1.0	.4	.6	.2	.1											54	54	37	33					
48/ 47		1.6	.5	.9	.3													31	31	36	26					
46/ 45		2.8	.8	.9	.3													41	41	29	32					
44/ 43	.8	2.7	1.7	1.1	.4	.1												63	63	55	34					
42/ 41	.6	1.9	1.7	1.6	.6	.1												62	62	45	32					
40/ 39	.3	2.2	1.3	1.8	.8	.1												60	60	52	35					
38/ 37	.1	1.9	1.8	1.4	.2													51	51	49	32					
36/ 35		2.6	1.9	1.4	.4													58	58	52	40					
34/ 33		3.2	2.6	1.3	.3													69	69	67	28					
32/ 31	.1	2.4	1.9	1.3	.3													56	56	73	48					
31/ 29	.9	2.0	2.0	.8														50	50	61	60					
28/ 27	.2	2.9	2.7	.4														53	53	52	55					
26/ 25	.4	2.9	.6	.2														35	35	68	53					
24/ 23		1.6	1.0															24	24	53	47					
22/ 21		.5	.2															7	7	19	41					
21/ 19																				11	51					
18/ 17																					40					
16/ 15																					25					
14/ 13																					25					
12/ 11																					19					
10/ 9																					6					
8/ 7																					9					
6/ 5																					7					
Element (X)	Σ X ²		Σ X		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature															
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																										
Wet Bulb																										
Dew Point																										

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17713 STATION SEYMOUR-JOHNSON AFB NC STATION NAME 67-70, 73-75 YEARS JFC MONTH

PAGE 1 7300-3500 HOURS (L, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
7 / 69		.1	.2															3	3					
68 / 67		.8	.2															9	9	7	1			
66 / 65		.9	.4	.4														16	16	6	1			
64 / 63	.2	.8	.1	.2														14	14	11	1			
62 / 61	.8	1.9	.9															29	29	20	1			
60 / 59	.1	1.7	.3	.1														23	23	30	19			
58 / 57	.9	1.2	.9	.1														23	23	27	30			
56 / 55	.9	2.2	.3	.2														30	30	20	23			
54 / 53	.2	1.5	.9	.3														27	27	25	21			
52 / 51	.3	2.4	.5	.1	.1													32	32	27	28			
50 / 49	.9	1.6	.9	.2	.6	.3												38	38	33	3			
48 / 47		3.0	.4	.2	.4													38	38	27	24			
46 / 45	.1	1.7	.2	.2	.1													22	22	37	30			
44 / 43	.5	2.6	1.0	1.1														48	48	24	25			
42 / 41	.3	2.7	.8	.9	.1													47	47	45	18			
40 / 39	1.1	1.8	1.4	1.2	.1													52	52	52	51			
38 / 37	.4	3.8	2.0	1.3	.2													72	72	36	25			
36 / 35	.2	2.6	2.7	1.2	.2													64	64	63	34			
34 / 33		2.5	1.8	1.3														52	52	63	24			
32 / 31	.1	4.9	1.9	1.4	.1													79	79	62	56			
30 / 29	.4	3.0	2.6	1.7														65	65	69	52			
28 / 27	.2	2.0	2.2	.4														45	45	58	61			
26 / 25	.9	2.2	1.6															40	40	55	59			
24 / 23	.4	2.2	.5															29	29	55	44			
22 / 21	.5	1.8	1.0															28	28	44	33			
20 / 19		.3	.2															5	5	8	50			
18 / 17																				11	59			
16 / 15																					23			
14 / 13																					26			
12 / 11																					19			
10 / 9																					7			
8 / 7																					11			
6 / 5																					5			
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total												
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 16-64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17713 STATION SEYMOUR-JOHNSON AFB NC STATION NAME 67-70, 73-75 YEARS 0FC MONTH

PAGE 0 0300-DEFC HOUR (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	TOTAL											
TOTAL	0.451	7.24	8.11	7.2	2.0	.3												930	937	930	930	930											

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	s_x	No. Obs	Mean No. of Hours with Temperature						
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total
Dry Bulb	1647463	37549	40.411	8.89	930		29.1	1.2				93
Wet Bulb	1476729	35299	38.072	12.14	930		37.2	.7				93
Dew Point	1259740	31418	33.864	11.7	730		50.5	.1				93

2855
 USAFETAC FORM 0-26-5 (OL A)
 AR 44
 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 1713 SEYMOUR-JOHNSON AFB NC

YEARS 67-73, 73-74

PAGE 1
MONTH
NOUPTS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	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			.2															4	4														
69		.2	.2															8	8	6													
67		.6	.1	.1														14	14	11	15												
65	.2	.6	.4	.1	.1													17	17	7	6												
63	.2	1.1	.3	.1	.1													24	24	23	11												
61	.4	1.4	.4	.2														16	16	13	15												
59	.4	1.2	.5	.1		.1												23	20	16	18												
57	.6	1.1	.2	.1		.1												19	19	16	16												
55	.6	1.3	1.7	.1														27	27	24	27												
53	.9	1.9	.3	.6	.1													36	26	22	25												
51	.8	1.7	1.3	.2	.2													42	40	36	29												
49	.4	3.4	.4	.5	.2	.2												47	47	35	29												
47	.7	2.3	.2	.1	.2													28	28	41	37												
45	.2	3.2	.6	.6														44	44	33	27												
43	.5	3.3	.6	.5	.1													55	57	47	34												
41	.4	1.3	1.1	.3	.1													29	29	41	36												
39	.5	3.0	1.5	.5	.1													53	53	37	32												
37	.3	4.4	3.0	.9	.1													78	78	52	37												
35	.1	3.7	3.0	.6														69	59	62	33												
33	.1	3.3	2.4	1.8														71	71	64	48												
31	.5	2.7	2.0	.8														56	56	65	49												
29	.1	3.5	1.8	.5														58	58	64	54												
27	.2	2.7	2.6	.5														52	52	69	49												
25	.2	2.8	.4															32	32	58	48												
23	.4	1.4	.4															21	21	42	34												
21	.2	.5	.5															12	12	16	54												
19	.1	.2																3	3	13	57												
17																				2	35												
15																					39												
13																					15												
11																					7												
9																					6												
7																					7												
5																																	

Element (X)	Z _X ¹	Z _X	X	σ _X	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OLA) REVISE AT YOUR OPTION OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13713 STATION MEYMOUR-JOHNSON AFB NC STATION NAME

67-70, 73-78 YEARS

SEC MONTH

PAGE 2 7673-0860
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	DB-W.B. Dry Bulb	Wet Bulb	Dew Point																		
TOTAL	9.4	53.8	26.5	8.6	1.9	.5																														922	877	930
Element (F)	ΣX'		ΣX		X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature							Total																							
Rel. Hum.	5976662		73322		78.8	14.521	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	97																								
Dry Bulb	1595780		36878		39.7	11.984	930	30.5	1.4					97																								
Wet Bulb	1434526		34736		37.4	12.142	930	39.3	.6					93																								
Dew Point	1226766		30990		33.3	14.455	930	49.6						97																								

USAFETAC FORM AIR 44 0-26-5 (O-L-A) REV. 10 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

28560

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AWP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17713 SEYMOUR-JOHNSON FB NC 67-72, 73-78 060
 STATION MONTH

PAGE 1 1972-1100
 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														
77/ 77					.1	.1												2	7																
76/ 76				.2			.1											7	7																
74/ 73			.1		.1													2	2																
72/ 71			.2	.2	.1		.1											6	6																
71/ 69		.2	.6	.2	.2	.2	.1											15	15																
68/ 67	.1	.1	.2	.2	.1													7	7																
66/ 65	.1	.4	.1	1.1														11	11																
64/ 63		1.3	.6	.3		.1	.1											13	13	14	14														
67/ 61	.5	.8	.4	.3	.1	.1	.1	.1										23	23	24	15														
60/ 59		.5	.4	.2	.4	.2	.3											21	21	24	2														
58/ 57		1.3	.4	.4	.6	.1												32	22	17	10														
56/ 55	.4	1.7	.9	1.2	.9	.3	.1	.2										54	24	12	35														
47/ 53	.4	.8	1.2	.9	.5	.4												37	37	31	34														
52/ 51	.4	1.6	1.5	.4	.9	.2												47	47	29	41														
57/ 49	.4	1.5	1.4	.4	1.2	.9	.2	.1										56	56	45	22														
46/ 47	.5	2.3	.9	1.4	1.3	.9	.2											59	59	34	28														
40/ 45	.2	2.2	1.4	1.1	1.8	.6	.2											73	73	53	38														
44/ 43	.1	3.2	1.7	1.5	1.1	.2	.2											67	67	56	50														
42/ 41	.4	1.7	1.5	1.2	1.4	.3												61	61	64	53														
47/ 39	.1	1.3	1.7	2.3	1.9	.3												64	64	63	35														
36/ 37		1.4	1.5	2.0	1.2	.1												56	56	65	31														
36/ 35		.6	1.8	2.7	.9													56	56	52	54														
34/ 33		.5	1.4	1.4	1.1													41	41	59	24														
32/ 31		.9	1.7	2.8	.5													55	55	61	37														
37/ 29		.4	1.5	1.7	.2													24	24	58	53														
26/ 27		.4	.6	.5														15	15	44	56														
26/ 25		.2	.3	.1														6	6	43	48														
24/ 23		.2	.2															4	4	12	33														
22/ 21	.1																	1	1	7	43														
20/ 19																				2	52														
18/ 17																					28														
16/ 15																					37														
14/ 13																					20														
12/ 11																					22														
Element (X)	Σ X'	Σ X	X	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1971 SEYMOUR-JOHNSON AFB NC 67-70, 72-75
STATION STATION NAME YEARS MONTH

PAGE 2 12-14
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	O.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
1 / 21																																			
2 / 13																																			
3 / 0																																			
4 / 6																																			
5 / 1																																			
TOTAL	1.0	14.7	6.5	12.3	23.1	22.3	11.7	5.9	1.4									379	931	933	933														

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Rel. Hum.	3228001	51115	55.0	21.227	930							
Dry Bulb	2594545	48149	51.8	10.464	930		9	6.4	4.5	1		93
Wet Bulb	1936159	41321	44.4	10.386	930		13.3	6.4				93
Dew Point	1321794	32108	34.5	15.157	930		44.2	6.4				93

28580
 USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 MAR 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17713 SEYMOUR-JOHNSON AFB NC 67-75, 73-75 DEC MONTH

PAGE 1 15-76-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																
77/77																																	7	7		
76/73																																		6	6	
74/73																																		17	17	
72/71																																		16	16	
71/69																																		17	17	6
69/67																																		33	33	17
67/65																																		36	36	15
64/61																																		44	44	17
62/61																																		38	38	19
59/59																																		45	45	25
58/57																																		51	51	44
56/55																																		53	53	39
54/53																																		72	72	49
52/51																																		52	52	47
50/49																																		75	75	56
48/47																																		64	64	56
46/45																																		51	51	61
44/43																																		60	60	59
42/41																																		50	50	50
40/39																																		37	37	62
38/37																																		30	30	60
38/35																																		26	26	51
34/33																																		14	14	54
32/31																																		4	4	35
31/29																																		4	4	50
28/27																																		1	1	23
26/25																																			6	6
24/23																																			4	4
22/21																																			1	1
21/19																																				
18/17																																				
16/15																																				
14/13																																				
12/11																																				
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17713 SEYMOUR-JOHNSON AFB NC
STATION STATION NAME

67-70, 73-73
YEARS

JCC
MONTH

PAGE 1 1870-05-2
HOURS (L. S. T.)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	Dry Bulb	Wet Bulb		Dew Point		
74/ 73					.1	.1														2	2		
72/ 71		.1	.1	.1	.3															5	5		
71/ 69		.2	.5	.2																9	9	1	1
69/ 67		.1	1.2	.3																13	13	4	3
67/ 65		.9	.5	.6	.3	.1														22	22	15	1
64/ 63	.3	.8	.3	.5	.1	.1		.1												21	21	24	27
62/ 61	.2	1.0	.9	.1	.9			.1		.1										27	27	71	16
60/ 59		1.2	.8	.8	.9			.1						.1						34	34	16	2
58/ 57	.2	1.5	1.1	.9	.3	.2			.1											40	40	34	16
56/ 55	.4	.9	.5	1.5	.3	.3	.2			.1										39	39	26	35
54/ 53	.2	1.2	1.3	.6	.9	.9	.1	.1												46	46	34	17
52/ 51	.5	2.2	1.1	.9	1.1	.2	.2	.2												57	57	44	26
51/ 49	.1	1.7	1.3	1.2	.8	.5	.5	.5	.5	.5										56	56	49	38
48/ 47	.2	3.2	1.4	1.1	1.3	.9	.3	.3	.3	.3										76	76	42	43
46/ 45		2.7	1.6	2.1	2.4	.7	.2	.2	.2	.2										22	32	55	38
44/ 43	.1	1.1	1.0	1.8	1.5	.3	.3	.1												55	55	57	52
42/ 41	.3	1.0	1.6	1.8	1.9	.5														67	67	47	36
41/ 39			1.7	2.7	1.2	.4														43	43	57	26
38/ 37		.8	2.2	1.9	1.3	.1														58	58	64	35
36/ 35		.8	1.3	1.6	1.4															43	43	59	27
34/ 33		.5	1.3	2.6	1.9															55	55	71	29
32/ 31		.1	1.5	2.4	.3															43	41	46	56
31/ 29		.1	1.1	.6	.3															22	22	44	46
28/ 27	.3	.2	.5	.2																12	12	61	52
26/ 25			.2	.1																3	3	37	32
24/ 23																						19	39
22/ 21																						3	39
20/ 19																							44
18/ 17																							43
16/ 15																							36
14/ 13																							27
12/ 11																							16
10/ 9																							7
8/ 7																							7

Element (X)	Z ₁	Z ₂	X	X _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												

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1713 SEYMOUR-JOHNSON AFB NC
 STATION STATION NAME

67-70, 73-78
 YEARS

DEC
 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
7 / 69		.4	.3	.1	.1													9	9		4			
6 / 67		.1	.4	.1	.2													6	6		3			
6 / 65		.2	.3		.1													6	6		3			
64 / 63	.1	1.3	.6	.5	.1													25	25	1	3			
62 / 61	.8	1.0	1.0	.2	.1	.1												29	29	30	27			
6 / 59	.2	1.5	.4	.2	.2													24	24	21	24			
68 / 57	.4	1.3	.3	.2	.2	.1												24	24	26	21			
56 / 55	.8	1.4	1.1	.2	.1	.1												32	32	27	33			
64 / 53	.6	1.8	1.8	.4	.1	.1												46	46	25	20			
62 / 51	.2	1.7	1.2	.1	.1	.2	.1											34	34	35	24			
50 / 49	.6	2.4	.3	.1	1.1	.2	.2											48	48	49	39			
48 / 47	.5	3.3	1.3	.9	1.2	.2	.2											69	69	43	31			
46 / 45	.3	2.9	1.4	1.1	.3	.6	.6											52	52	37	30			
64 / 43	.5	2.0	1.7	1.6	.8	.2	.2											64	64	51	39			
42 / 41	.5	1.7	1.2	1.7	.4	.3	.3											59	59	58	36			
40 / 39	.9	1.9	2.2	.3	.3	.3	.3											52	52	58	25			
38 / 37		1.3	1.7	2.0	1.1	.1												57	57	50	27			
36 / 35		1.9	1.6	1.3	1.7													50	50	47	35			
34 / 33		2.4	1.6	1.3	.2													51	51	69	32			
32 / 31		1.7	2.4	2.2	.5													60	60	54	49			
36 / 29	.1	1.4	3.2	.5														49	49	57	53			
28 / 27	.3	2.0	1.5	.9														44	44	56	49			
26 / 25	.1	.8	.5	.5														18	18	72	40			
24 / 23		.3	.2															7	7	21	42			
22 / 21																				16	34			
20 / 19																				4	48			
18 / 17																					41			
16 / 15																					35			
14 / 13																					51			
12 / 11																					5			
10 / 9																					6			
8 / 7																					9			
6 / 5																					7			
4 / 3																					3			
Element (X)	Σ X ²	Σ X	X	σ _x	No. Obs.	Mean No. of Hours with Temperature																		
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb																								
Wet Bulb																								
Dew Point																								

USAFETAC FORM 34 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13713 SEYMOUR-JOHNSON AFB NC 67-73, 73-73 1956
STATION STATION NAME YEARS MONTH

PAGE 210-23
HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21	22	23	24	25-26	27-28	29	30	≥31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point											
TOTAL	4.535	728	218	7	8	7	7																927		927	927										

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	5175285	67299	72.6	17.68	927	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	1858223	40281	43.5	10.79	927		17.9	1.7				93
Wet Bulb	1601899	37101	40.0	11.24	927		28.3	4				93
Dew Point	1305056	32084	34.6	14.49	927		45.9	4				93

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

2861

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

13713 SEYMOUR-JOHNSON AFB AC
STATION STATION NAME

07-70, 73-70
YEARS

ALL
MONTH

PAGE

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-Cow Point		
36/ 35	.1	.6	.5	.9	.3	.7													1315	1816	2374	224
34/ 33	.1	.5	.5	.4	.2	.7													1535	1939	2087	2512
32/ 31	.1	.6	.5	.4	.1	.7													1518	1818	1818	2342
30/ 29	.1	.4	.5	.3	.1														1169	1127	1724	2338
28/ 27	.1	.4	.3	.2	.1														887	887	1514	1813
26/ 25	.0	.4	.2	.1	.1														255	455	1354	1767
24/ 23	.1	.2	.2	.0															396	348	934	1343
22/ 21	.1	.1	.1	.1															321	321	614	1418
20/ 19	.1	.1	.1	.1															236	236	353	1574
18/ 17	.1	.0	.0																73	73	222	1242
16/ 15	.0	.0	.0																47	47	133	1023
14/ 13	.0	.0	.0																27	27	47	241
12/ 11	.0	.0	.0																17	17	31	765
10/ 9	.0	.0	.0																4	4	12	552
8/ 7		.0																	3	3	3	423
6/ 5		.0																	2	2	3	251
4/ 3																					2	151
2/ 1																						11
0/ -1																						118
-2/ -3																						67
-4/ -5																						52
-6/ -7																						17
-8/ -9																						2
TOTAL	4.2	26.6	22.7	13.6	10.3	8.7	6.1	5.0	3.3	1.7	.7	.3	.1	.0	.1				27621		97621	87621

Element (X)	Σx²	Σx	X	n	No. Obs.	Mean No. of Hours with Temperature					Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 90 F	
Rel. Hum.	453229621	6116595	69.8	27.338	87621						
Dry Bulb	354220070	5371918	61.3	16.861	87631	525.7	3888.4	2626.3	1189.4	65.8	8760
Wet Bulb	291612209	4866351	55.5	15.607	87621	882.2	2732.7	1287.9	47.7		8760
Dew Point	250493527	4397533	50.2	18.439	87621	23.4	1798.3	2071.4	667.0	5.2	8760

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

28630

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13713 SEYMOUR-JOHNSON AFB MO 67-70,73-79

STATION	STATION NAME	YEARS												
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
70-02	MEAN	36.3	39.6	48.7	56.3	62.8	69.7	73.5	73.2	67.3	56.7	48.1	41.8	56.4
	S D	12.394	10.909	9.748	8.313	6.720	4.925	3.843	4.522	5.143	9.338	10.988	11.415	15.201
	TOTAL OBS	930	846	930	970	930	930	930	930	900	930	930	930	12956
73-05	MEAN	36.9	37.5	46.7	53.8	60.9	68.1	71.9	71.8	65.6	54.5	46.5	40.4	54.6
	S D	12.515	10.984	10.057	8.669	7.158	5.223	3.974	4.590	6.494	9.810	11.386	11.894	15.403
	TOTAL OBS	930	846	930	900	929	899	930	930	899	930	900	930	10953
76-38	MEAN	36.0	36.7	46.7	55.2	63.4	71.0	74.0	73.3	66.6	54.8	46.3	39.7	55.4
	S D	12.686	11.255	10.238	8.730	7.152	5.318	4.124	4.838	6.592	9.727	11.599	11.984	16.408
	TOTAL OBS	930	846	930	970	930	900	930	930	900	930	900	930	10956
79-11	MEAN	41.1	44.0	54.6	64.6	71.9	79.0	81.8	81.5	75.8	64.9	55.2	45.7	63.4
	S D	12.392	11.578	10.454	8.811	7.294	5.461	4.703	5.353	6.550	8.377	10.660	10.668	16.867
	TOTAL OBS	930	846	930	970	930	900	930	930	900	930	900	930	10956
12-14	MEAN	40.9	50.3	60.6	70.3	76.9	83.1	86.2	85.9	80.7	71.0	61.8	51.9	68.9
	S D	12.742	12.274	11.171	9.418	7.899	6.084	5.378	5.914	6.880	8.432	10.891	10.464	16.513
	TOTAL OBS	930	846	930	900	930	900	930	930	900	929	900	930	10955
15-17	MEAN	48.1	51.9	62.3	71.9	77.4	83.1	86.1	85.4	80.7	70.9	61.4	52.4	69.4
	S D	12.549	11.957	10.964	9.083	7.801	6.310	5.730	6.445	6.713	8.278	10.440	10.204	16.039
	TOTAL OBS	930	846	930	900	930	900	929	930	900	930	900	930	10955
18-27	MEAN	43.1	46.7	57.1	66.3	72.3	78.4	80.9	79.9	74.1	62.6	53.7	46.6	63.6
	S D	11.717	11.002	9.944	8.461	7.359	5.651	5.293	5.713	6.183	8.295	9.988	10.305	15.809
	TOTAL OBS	930	846	930	900	929	900	930	929	900	930	900	929	10953
21-23	MEAN	39.9	42.2	51.9	59.9	66.2	72.7	75.7	75.2	69.3	58.2	50.0	43.5	58.8
	S D	11.854	10.933	9.612	7.981	6.579	4.809	3.774	4.470	5.877	8.890	10.600	10.794	15.173
	TOTAL OBS	930	846	930	900	929	900	930	927	900	930	900	927	10949
ALL HOURS	MEAN	41.3	43.6	53.6	62.3	69.0	75.6	78.8	78.3	72.5	61.6	52.8	45.2	61.3
	S D	13.037	12.545	11.758	10.877	9.460	7.869	7.094	7.469	8.658	10.965	12.319	11.887	16.863
	TOTAL OBS	7440	6768	7440	7200	7437	7199	7439	7435	7199	7439	7200	7435	87631

GLOFAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

1.713 SEYMOUR-JOHNSON AFB NC

67-77, 73-79

STATION	STATION NAME	YEARS												
HRS (LS)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
C-02	MEAN	35.4	36.0	44.9	51.9	59.7	66.9	70.9	75.9	65.3	53.7	45.2	38.9	53.4
	S D	12.419	10.961	10.033	8.582	6.826	5.326	3.710	4.628	6.563	9.525	11.488	11.695	15.564
	TOTAL OBS	930	846	930	930	930	900	930	930	900	930	900	930	17956
03-05	MEAN	34.3	34.5	43.6	50.3	58.6	65.8	69.9	70.0	64.0	52.5	44.1	38.0	52.2
	S D	12.497	11.054	10.373	9.001	7.283	5.570	4.008	4.806	6.877	10.008	11.806	12.140	15.780
	TOTAL OBS	930	846	929	900	929	899	930	930	899	930	900	930	10952
05-08	MEAN	33.6	34.0	43.8	51.3	50.1	67.6	71.2	70.9	64.6	52.8	43.7	37.4	52.7
	S D	12.695	11.444	10.604	9.074	7.248	5.387	3.644	4.835	6.927	9.983	11.978	12.142	16.438
	TOTAL OBS	930	846	930	900	930	900	930	930	899	930	900	930	10955
09-11	MEAN	37.0	38.7	48.4	56.0	63.8	70.8	74.4	74.2	68.8	58.2	49.2	41.2	56.4
	S D	12.232	11.430	10.453	8.618	7.058	5.147	3.698	4.557	6.326	8.723	10.868	10.978	15.852
	TOTAL OBS	930	844	928	900	930	900	930	930	899	930	900	930	10951
12-14	MEAN	40.2	42.1	51.2	57.9	65.3	71.7	75.2	74.8	69.9	60.3	51.8	44.4	58.8
	S D	11.927	11.252	10.097	8.029	6.759	4.972	3.808	4.329	6.718	8.325	10.428	10.386	14.856
	TOTAL OBS	930	846	930	900	930	900	930	930	900	929	900	930	10955
15-17	MEAN	40.9	42.8	51.7	58.1	65.2	71.4	74.8	74.3	69.7	60.2	51.5	44.8	58.9
	S D	11.561	10.822	9.498	7.308	6.361	4.657	3.651	4.212	5.622	8.051	10.123	10.347	14.856
	TOTAL OBS	930	846	930	900	930	900	928	930	900	930	900	930	10955
18-20	MEAN	38.2	40.2	49.4	56.1	63.6	70.1	73.6	73.2	68.3	57.4	48.2	41.1	56.8
	S D	11.462	10.685	9.328	7.441	6.320	4.703	3.625	4.324	5.791	8.512	10.522	10.900	14.856
	TOTAL OBS	930	846	930	900	929	900	929	928	900	930	900	928	10955
21-23	MEAN	36.3	37.8	46.9	53.8	61.5	68.3	72.0	71.8	66.5	55.1	46.3	40.0	53.9
	S D	11.781	10.851	9.732	7.995	6.488	5.013	3.640	4.443	6.173	9.131	11.079	11.241	15.315
	TOTAL OBS	930	846	930	900	929	900	929	927	900	930	900	927	10948
AL HOURS	MEAN	37.0	38.3	47.5	54.4	62.2	69.1	72.7	72.5	67.1	56.3	47.5	40.8	55.5
	S D	12.322	11.490	10.457	8.744	7.219	5.510	4.191	4.841	6.674	9.531	11.449	11.543	15.607
	TOTAL OBS	7440	6766	7437	7200	7437	7199	7436	7435	7197	7439	7200	7435	87621

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

1973 SEYMOUR-JOHNSON AFB MC 67-70, 73-79

STATION	STATION NAME	YEARS												ANNUAL
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
0-02	MEAN	29.9	29.6	40.2	47.5	57.4	65.1	69.6	69.7	64.1	51.6	41.3	34.1	50.1
	S.D.	15.473	14.122	12.707	10.995	7.833	6.246	4.103	5.151	7.217	10.605	14.043	14.450	18.104
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956
03-05	MEAN	27.1	28.7	39.6	46.7	56.8	64.4	68.8	69.1	62.9	50.8	40.7	33.8	49.4
	S.D.	15.446	14.075	12.829	11.206	8.095	6.326	4.437	5.309	7.508	10.943	14.051	14.617	18.130
	TOTAL OBS	930	846	929	900	929	899	930	930	899	930	900	930	10952
6-08	MEAN	28.5	28.5	39.9	47.4	57.7	65.7	69.8	69.7	63.3	50.9	40.4	33.3	49.7
	S.D.	15.535	14.430	13.084	11.351	8.505	6.306	4.315	5.392	7.638	11.090	14.099	14.455	18.584
	TOTAL OBS	930	846	930	900	930	900	930	930	899	930	900	930	10955
9-11	MEAN	29.7	30.0	41.0	48.1	58.1	66.2	70.9	70.8	64.9	52.7	42.3	34.0	50.9
	S.D.	16.045	15.485	14.423	12.223	9.862	6.964	4.910	5.751	7.997	11.623	14.529	14.644	18.870
	TOTAL OBS	930	844	928	900	930	900	930	930	899	930	900	930	10951
12-14	MEAN	30.0	30.2	41.1	47.3	57.5	65.6	70.1	69.7	63.8	51.7	41.2	34.5	50.3
	S.D.	16.429	15.769	14.610	11.817	9.984	6.992	5.419	5.864	8.106	12.033	15.114	15.157	18.740
	TOTAL OBS	930	846	930	900	930	900	930	930	900	929	900	930	10955
15-17	MEAN	29.9	29.9	40.3	46.2	56.9	65.1	69.5	69.1	63.5	51.5	40.8	34.4	49.9
	S.D.	16.342	15.890	14.442	11.408	9.793	6.901	5.418	5.843	7.813	11.842	15.087	15.558	18.642
	TOTAL OBS	930	846	930	900	930	900	928	930	900	930	900	930	10954
18-20	MEAN	30.1	30.2	40.6	46.8	57.5	65.6	70.1	69.9	64.9	53.1	41.7	35.0	50.6
	S.D.	15.383	15.003	13.544	11.174	8.961	6.616	4.971	5.478	7.038	10.492	14.088	14.833	18.308
	TOTAL OBS	930	846	930	900	929	900	929	928	900	930	900	928	10950
21-23	MEAN	29.9	30.5	41.0	48.0	58.2	65.7	70.1	70.1	64.7	52.5	41.6	34.6	50.7
	S.D.	15.024	14.144	12.770	10.760	7.879	6.261	4.434	5.145	6.839	10.387	13.868	14.497	18.060
	TOTAL OBS	930	846	930	900	929	900	929	927	900	930	900	927	10948
ALL HOURS	MEAN	29.6	29.7	40.5	47.2	57.5	65.4	69.9	69.8	64.0	51.9	41.2	34.3	50.2
	S.D.	15.717	14.889	13.577	11.386	8.913	6.600	4.803	5.519	7.561	11.164	14.372	14.782	18.439
	TOTAL OBS	7440	5766	7437	7200	7437	7199	7436	7435	7197	7439	7200	7435	87621

DATA PROCESSING BRANCH
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

17713 STATION SEYMOUR-JOHNSON AFB NC PERIOD 68-70, 73-79 APR MONTH

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

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	99.9	99.0	96.8	90.3	80.6	62.3	35.9	14.1	73.6	900
	03-05	100.0	100.0	99.3	97.8	94.6	85.8	72.2	49.6	19.3	78.0	900
	06-08	100.0	100.0	100.0	98.1	91.9	82.7	67.3	46.1	17.7	76.3	900
	09-11	100.0	99.9	96.4	78.0	58.3	40.7	25.1	12.9	4.4	57.4	900
	12-14	100.0	99.3	81.4	54.3	31.9	19.9	14.3	7.0	1.8	46.7	900
	15-17	100.0	98.4	69.8	43.3	27.3	17.3	11.3	5.1	1.8	42.9	900
	18-20	100.0	99.6	88.8	68.7	47.9	31.2	17.8	9.4	3.4	52.3	900
	21-23	100.0	99.6	98.6	93.8	84.1	65.6	39.9	21.1	7.7	66.8	900
TOTALS		100.0	99.6	91.7	78.9	65.8	53.0	38.8	23.4	8.8	61.8	7200

2

DATA PROCESSING BRANCH
ETAC/USAF
AIP WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13713
STATION

SEYMOUR-JOHNSON AFB NC
STATION NAME

68-76,73-79
PERIOD

MAY
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	100.0	99.9	99.2	95.4	85.6	64.3	23.9	92.8	930
	03-05	100.0	100.0	100.0	100.0	99.1	97.8	92.4	77.4	37.6	86.5	929
	06-08	100.0	100.0	100.0	99.7	98.1	92.9	81.4	62.4	27.0	82.2	930
	09-11	100.0	100.0	98.2	90.3	74.8	56.3	37.1	18.8	4.7	63.7	930
	12-14	100.0	99.7	92.7	74.0	52.2	31.5	17.2	8.5	2.6	53.6	930
	15-17	100.0	99.6	88.9	68.3	47.1	28.2	17.0	10.2	2.2	51.9	930
	18-20	100.0	100.0	96.9	86.9	71.6	53.4	31.3	18.0	5.0	62.1	929
	21-23	100.0	100.0	100.0	99.4	97.2	87.0	67.3	40.9	13.1	76.2	929
TOTALS		100.0	99.9	97.1	89.8	79.9	67.8	53.7	37.6	14.5	69.9	7437

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

17713 SEYMOUR JOHNSON AFB NC 68-70, 73-79 JUN
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%		
JUN	00-02	100.0	100.0	100.0	100.0	99.8	98.2	93.2	76.4	31.3	85.5	900
	03-05	100.0	100.0	100.0	100.0	100.0	98.8	95.9	84.6	41.6	88.2	899
	06-08	100.0	100.0	100.0	100.0	99.3	96.1	86.6	67.7	27.9	93.7	900
	09-11	100.0	100.0	100.0	97.8	85.9	61.8	39.7	17.7	3.1	66.1	900
	12-14	100.0	100.0	99.7	89.1	60.2	37.8	18.7	8.1	1.7	57.1	900
	15-17	100.0	100.0	99.0	84.6	54.7	35.2	21.1	12.7	2.0	56.5	900
	18-20	100.0	100.0	99.9	95.4	81.3	60.6	39.6	23.7	5.4	66.3	900
	21-23	100.0	100.0	100.0	99.9	98.0	93.9	75.1	52.9	17.1	79.2	900
TOTALS		100.0	100.0	99.8	95.9	84.9	72.9	58.8	43.1	16.3	72.8	7199

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

17713 SEYMOUR-JOHNSON AFB NC
STATION STATION NAME

67-70, 73-78
PERIOD

OCT
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LSZ)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	100.0	99.8	98.4	96.5	93.9	76.1	37.5	85.5	930
	03-05	100.0	100.0	100.0	100.0	97.4	98.0	91.7	83.1	45.4	87.7	930
	06-08	100.0	100.0	100.0	100.0	94.2	96.6	90.6	78.7	40.9	86.7	930
	09-11	100.0	100.0	99.2	92.7	78.8	62.4	43.3	23.3	9.4	66.5	930
	12-14	100.0	100.0	92.2	72.8	49.5	30.9	15.1	7.8	2.8	52.8	929
	15-17	100.0	100.0	92.5	71.9	48.6	30.3	15.9	9.7	2.7	52.7	930
	18-20	100.0	100.0	99.8	98.6	92.9	78.8	57.5	28.3	8.1	72.1	930
	21-23	100.0	100.0	100.0	99.5	98.0	94.6	85.5	61.1	18.4	81.6	930
TOTALS		100.0	100.0	98.0	91.9	83.1	73.5	61.2	46.0	20.7	73.2	7439

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13713 SEYMOUR-JOHNSON AFB NC

67-70, 73-78

DEC
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	100.0	98.1	90.9	77.4	65.7	46.2	19.5	75.5	930
	03-05	100.0	100.0	100.0	99.7	94.4	84.1	70.5	54.2	23.3	78.2	930
	06-08	100.0	100.0	100.0	99.9	95.3	86.8	72.4	56.0	23.2	78.8	930
	09-11	100.0	100.0	98.5	91.9	75.5	61.0	45.9	30.4	14.7	67.4	930
	12-14	99.9	98.6	92.6	67.6	47.1	33.7	24.3	17.7	9.2	55.0	930
	15-17	99.8	98.9	89.0	64.7	46.2	32.8	24.5	18.1	8.3	53.9	930
	18-20	100.0	99.9	98.5	90.3	75.6	57.8	41.2	27.7	12.3	66.0	928
	21-23	100.0	100.0	100.0	95.3	86.9	71.7	58.3	39.2	17.3	72.6	927
TOTALS		100.0	99.8	97.3	88.4	76.5	63.0	50.4	36.2	16.0	68.4	7435

2

DATA PROCESSING BRANCH
ETAC/USAF
AF WEATHER SERVICE/MAC

RELATIVE HUMIDITY

13713
STATIONSEYMOUR-JOHNSON AFB NC
STATION NAME67-70, 73-79
PERIODALL
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	96.3	85.9	72.5	59.4	46.5	31.5	12.5	66.2	7440
FEB		100.0	99.2	92.2	79.4	64.7	50.5	37.4	24.1	11.3	61.6	6766
MAR		100.0	99.5	93.1	81.4	69.5	57.3	45.1	31.3	16.3	65.2	7437
APR		100.0	99.6	91.7	78.9	65.8	53.0	38.8	23.4	8.8	61.8	7200
MAY		100.0	99.9	97.1	89.8	79.9	67.8	53.7	37.6	14.5	69.9	7437
JUN		100.0	100.0	99.8	95.9	84.9	72.9	58.8	43.1	16.3	72.8	7199
JUL		100.0	100.0	99.9	97.8	90.7	79.7	65.2	49.2	20.7	76.0	7436
AUG		100.0	100.0	99.9	98.2	91.1	80.0	67.1	51.2	24.2	77.0	7435
SEP		100.0	100.0	99.8	97.3	89.0	78.1	66.9	53.1	25.6	76.9	7197
OCT		100.0	100.0	98.0	91.9	83.1	73.5	61.2	46.0	20.7	73.2	7439
NOV		100.0	99.8	95.5	86.3	75.4	63.6	51.0	36.1	15.0	68.1	7200
DEC		100.0	99.8	97.3	88.4	76.5	63.0	50.4	36.2	16.0	68.4	7435
TOTALS		100.0	99.8	96.7	89.3	78.6	66.6	53.5	38.6	16.8	69.8	87621

USA/ETAC

FORM
JUL 64

0-87-5 (OL A)

U S AIR FORCE
 ENVIRONMENTAL TECHNICAL
 APPLICATIONS CENTER

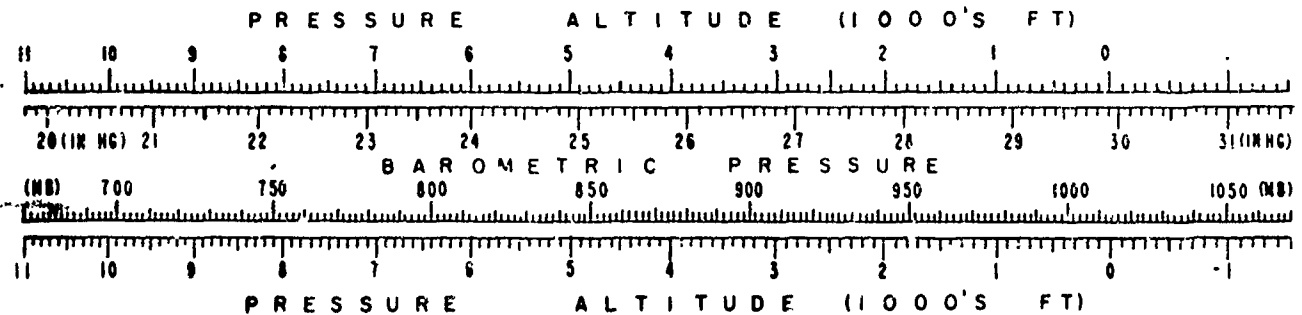
PART F PRESSURE SUMMARY

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.
 MTAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

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

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



GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

13713 SEYMOUR-JOHNSON AFB NC 67-70, 73-79
 STATION STATION NAME YEARS

HRS (LST)	MEAN	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	MEAN	29.997	29.947	29.922	29.916	29.885	29.893	29.914	29.938	29.943	29.983	29.966	29.958	29.939
	S D	.249	.220	.223	.196	.155	.136	.114	.099	.124	.170	.206	.243	.187
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
14	MEAN	29.998	29.941	29.907	29.908	29.877	29.884	29.903	29.928	29.932	29.974	29.962	29.958	29.971
	S D	.252	.217	.227	.202	.156	.137	.110	.101	.124	.173	.208	.248	.190
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
17	MEAN	30.016	29.965	29.940	29.944	29.909	29.911	29.929	29.954	29.960	30.003	29.987	29.977	29.958
	S D	.254	.219	.233	.209	.158	.138	.117	.102	.124	.175	.209	.250	.192
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
10	MEAN	30.053	29.990	29.962	29.956	29.921	29.921	29.940	29.970	29.977	30.025	30.013	30.011	29.978
	S D	.258	.228	.240	.214	.161	.138	.118	.103	.126	.180	.210	.250	.196
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
13	MEAN	29.991	29.941	29.918	29.915	29.889	29.896	29.919	29.945	29.944	29.978	29.956	29.948	29.937
	S D	.256	.230	.242	.208	.160	.139	.117	.102	.127	.180	.206	.248	.194
	TOTAL OBS	310	282	310	300	310	300	310	309	300	310	300	310	3651
16	MEAN	29.967	29.899	29.872	29.868	29.843	29.862	29.883	29.908	29.905	29.948	29.929	29.927	29.901
	S D	.252	.230	.234	.200	.159	.141	.118	.101	.126	.176	.201	.246	.192
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
19	MEAN	29.992	29.920	29.890	29.879	29.854	29.866	29.887	29.913	29.914	29.970	29.954	29.950	29.916
	S D	.248	.227	.222	.194	.154	.135	.115	.096	.124	.171	.199	.241	.188
	TOTAL OBS	310	282	310	300	310	300	310	309	300	310	300	309	3650
22	MEAN	30.009	29.944	29.924	29.917	29.889	29.893	29.917	29.944	29.945	29.995	29.971	29.966	29.943
	S D	.247	.229	.216	.192	.151	.134	.114	.095	.124	.169	.202	.239	.186
	TOTAL OBS	310	282	310	300	310	300	310	309	300	310	300	309	3650
ALL HOURS	MEAN	30.003	29.943	29.917	29.913	29.884	29.891	29.911	29.938	29.940	29.985	29.967	29.962	29.938
	S D	.253	.226	.231	.204	.158	.138	.117	.102	.126	.175	.206	.246	.192
	TOTAL OBS	2480	2256	2480	2400	2480	2400	2480	2477	2400	2480	2400	2478	29211

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/14C

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

1713 SEYMOUR-JOHNSON AFS MO 67-70, 73-79

STATION	STATION NAME	YEARS												
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN	1020.31	1018.51	1017.71	1017.51	1016.41	1016.71	1017.41	1018.21	1018.41	1019.81	1019.21	1018.9	1018.2
	S D	8.314	7.500	7.645	6.703	5.294	4.648	3.890	3.350	4.217	5.791	7.039	8.328	6.379
	TOTAL OBS	309	282	310	300	310	300	310	310	300	310	300	310	3651
04	MEAN	1020.21	1018.31	1017.21	1017.21	1016.11	1016.41	1017.01	1017.91	1018.01	1019.51	1019.01	1018.9	1018.0
	S D	8.649	7.409	7.749	6.939	5.328	4.678	3.961	3.437	4.214	5.897	7.110	8.500	6.499
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3650
07	MEAN	1020.91	1019.11	1018.31	1018.41	1017.21	1017.31	1017.91	1018.81	1019.01	1020.41	1019.91	1019.5	1018.9
	S D	8.689	7.478	7.964	7.130	5.390	4.719	3.960	3.460	4.224	5.980	7.124	8.553	6.551
	TOTAL OBS	310	281	310	300	310	299	310	310	300	310	300	310	3650
10	MEAN	1022.11	1020.01	1019.01	1018.81	1017.61	1017.61	1018.31	1019.31	1019.51	1021.21	1020.81	1020.7	1019.6
	S D	8.833	7.778	8.206	7.321	5.512	4.707	3.999	3.503	4.289	6.148	7.144	8.544	6.712
	TOTAL OBS	310	281	310	300	310	300	310	310	300	310	300	310	3651
13	MEAN	1020.01	1018.31	1017.51	1017.41	1016.51	1016.81	1017.61	1018.51	1018.41	1019.61	1018.81	1018.5	1016.2
	S D	8.772	7.865	8.246	7.130	5.478	4.757	3.989	3.464	4.346	6.158	7.022	8.494	6.622
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
16	MEAN	1019.21	1018.91	1015.91	1015.81	1015.11	1015.61	1016.31	1017.21	1017.11	1018.61	1017.91	1017.8	1017.0
	S D	8.614	7.861	8.004	6.880	5.463	4.811	4.030	3.399	4.308	6.005	6.871	8.393	6.554
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
19	MEAN	1020.11	1017.01	1016.61	1016.21	1015.41	1015.71	1016.51	1017.41	1017.41	1019.31	1018.81	1018.6	1017.5
	S D	8.507	7.797	7.602	6.624	5.252	4.614	3.927	3.287	4.226	5.820	6.787	8.245	6.437
	TOTAL OBS	309	282	310	299	310	300	310	309	300	310	300	309	3648
22	MEAN	1020.61	1018.41	1017.71	1017.51	1016.61	1016.51	1017.51	1018.51	1018.41	1020.21	1019.41	1019.1	1018.4
	S D	8.468	7.825	7.400	6.600	5.190	4.588	3.888	3.250	4.243	5.765	6.668	8.146	6.358
	TOTAL OBS	310	282	310	299	309	299	309	309	299	309	299	309	3643
ALL HOURS	MEAN	1020.41	1018.41	1017.51	1017.31	1016.41	1016.61	1017.31	1018.21	1018.31	1019.81	1019.21	1019.0	1018.2
	S D	8.631	7.727	7.897	6.978	5.415	4.728	4.001	3.453	4.316	5.985	7.031	8.427	6.558
	TOTAL OBS	2478	2254	2480	2398	2479	2398	2479	2478	2399	2479	2399	2478	29199