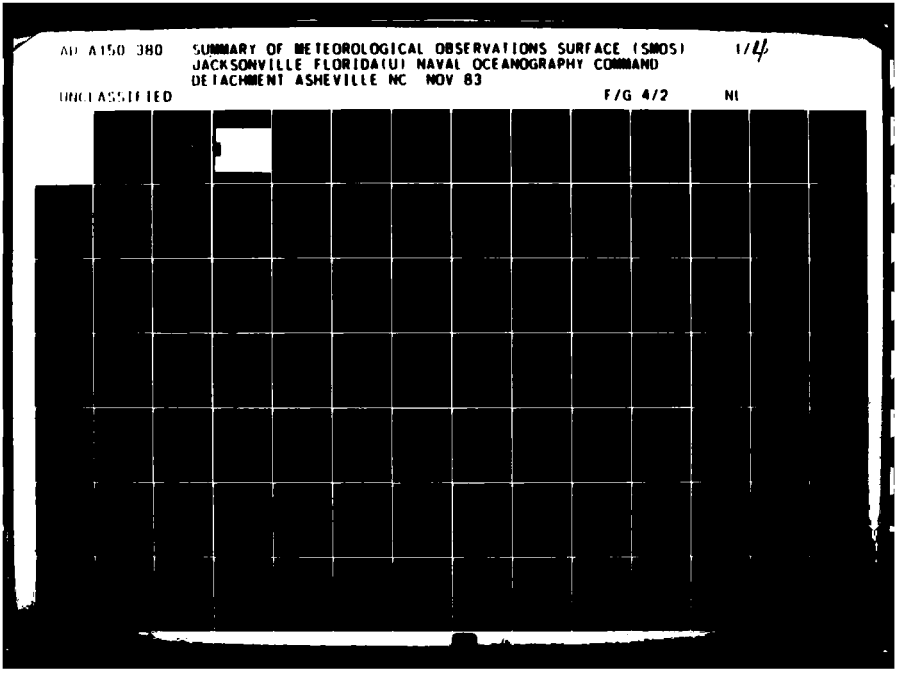
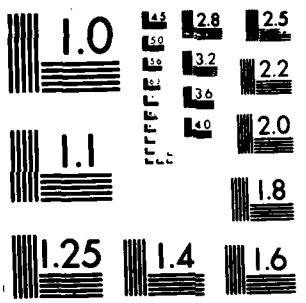
AD A150 380 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) 1/4
JACKSONVILLE FLORIDA(U) NAVAL OCEANOGRAPHY COMMAND
DETACHMENT ASHEVILLE NC NOV 83

UNCLASSIFIED F/G 4/2 NL





MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963 A

PHOTOGRAPH THIS SHEET

LEVEL	INVENTORY
II	1

DTIC ACCESSION NUMBER

AD-A150 380

SMOS, Jacksonville, Fl
Nov 1983

DOCUMENT IDENTIFICATION

DISTRIBUTION STATEMENT A
Approved for public release;
Distribution Unlimited

DISTRIBUTION STATEMENT

ACCESSION FOR	
NTIS GRA&I	☒
DTIC TAB	☐
UNANNOUNCED	☐
JUSTIFICATION	
BY	
DISTRIBUTION /	
AVAILABILITY CODES	
DIST	AVAIL AND/OR SPECIAL
A-1	

DISTRIBUTION STAMP

DTIC
ELECTE
FEB 14 1985
S D
D

DATE ACCESSIONED

DATE RETURNED

85 02 13 089

DATE RECEIVED IN DTIC

REGISTERED OR CERTIFIED NO.

PHOTOGRAPH THIS SHEET AND RETURN TO DTIC-DDAC

DTIC FORM 70A DEC 83

DOCUMENT PROCESSING SHEET

PREVIOUS EDITION MAY BE USED UNTIL STOCK IS EXHAUSTED.

AD-A150 380

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
4. TITLE *(and Subtitle)* Summary of Meteorological Observations, Surface (SMOS) Jacksonville, FL		5. TYPE OF REPORT & PERIOD COVERED Reference Report 1973-1982 6. PERFORMING ORG. REPORT NUMBER
7. AUTHOR(s) NA		8. CONTRACT OR GRANT NUMBER(s)
9. PERFORMING ORGANIZATION NAME AND ADDRESS Naval Oceanography Command Detachment Federal Building Asheville, NC 28801		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
11. CONTROLLING OFFICE NAME AND ADDRESS Commanding Officer Naval Oceanography Command Facility NSTL, MS 39529-5002		12. REPORT DATE November 1983 13. NUMBER OF PAGES 358
14. MONITORING AGENCY NAME & ADDRESS*(if different from Controlling Office)*		15. SECURITY CLASS. *(of this report)* Unclassified 15a. DECLASSIFICATION/DOWNGRADING SCHEDULE

16. DISTRIBUTION STATEMENT *(of this Report)*

Approved for public release; distribution unlimited.

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

18. SUPPLEMENTARY NOTES

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

Climatology, surface wind, temperature, precipitation, ceiling, visibility, relative humidity, station pressure, extreme temperatures, sea level pressure, daily temperature, weather conditions, monthly climatology, coastal region, snow depth, and cloud cover

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

This data report consists of a six part statistical summary of surface weather observations. The six parts are: Part A - Weather Conditions/ Atmospheric Phenomena, Part B - Precipitation/Snowfall/Snow Depth, Part C - Surface Winds, Part D - Ceiling versus Visibility/Sky Cover, Part E - Psychrometric Summaries, Part F - Station Pressure/Sea Level Pressure

DD FORM 1 JAN 73 1473 EDITION OF 1 NOV 65 IS OBSOLETE
S/N 0102-LF-014-6601

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE *(When Data Entered)*

DISCLAIMER NOTICE

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

STATION NO ON SUMMARY	STATION NAME	LATITUDE:	LONGITUDE:	STATION ELEV (FT)	CALL SIGN:	WMO NUMBER:
93837	Jacksonville, Florida	30°14'N	81°41'W	22	KNIP	

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			STATION (FT)	TYPE BAROMETER	
1.	Weather Service Office, second deck of operations bldg.	Navy	1950	1959	30°14'N	81°40'W	30	Mercurial	24
2.	In old tower, two decks above roof of operations bldg.	"	1959	1962	"	"	57	"	"
3.	Weather Service Office, second deck of operations bldg.	"	1962	1968	"	"	30	"	"
4.	NWSF Building 118	"	1968	1976	"	"	39	"	"
5.	" "	"	1973		"	81°41'W	44	Aneroid	"

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.	UNK	Atop operations control tower, disassembled 1956.	Selsyn	Triple	82'	1. Barograph (Marine) 2. Auto met stn (AN/GMQ-29) 3. Ceiling light (ML-121) 4. Cloud height set (AN/GMQ-13B) 5. Transmissometer (AN/GMQ-10C) 6. Radar (AN/FPS-106) 7. Weather Vision (AN/GMQ-27)
2.	1955	Installed 18' above main roof on operations building.	AN/UMQ-5	RD-108	40'	
3.	1958	Atop operations control tower	"	"	70'	
4.	1960	On Tacan Bldg near center of field	"	"	22'	
5.	1977	Adjacent to southwest corner of Bldg 935 near center of field	AN/UMQ-5C	RO-447/ GMQ-29	14'	
6.	1978	2000 ft NW of NAS Tacan	"	"	"	
7.	1981	Atop Tacan Bldg near center of field	"	"	16'	
8.	1983	910 ft E of NAS JAX Tacan, 737' N of centerline at 6000 ft mark Rnwy 27	"	"	12'	

CONTINUED ON REVERSE SIDE

NOCD Federal Building
Asheville, N. C.

SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE

This update includes the period of record (POR) 1973 through 1982, with all available data through 1982 for extreme values.

This summary should be retained by individual stations along with the SMOS prepared in 1973. The retention of these summaries will provide the most comprehensive climatological file for your station.

DESCRIPTION: Preceding each section is a brief description of the data comprising each part of the summary and the manner of presentation. Tabulations are prepared from 3-hourly and daily observations recorded by stations operated by the U.S. Navy and U.S. Marine Corps. 3-hourly observations are defined as these record or record-special observations recorded at scheduled 3-hourly intervals. Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations (prepared from record-special, local, summary of the day, remarks, etc.).

COMMENT: All observations summarized in this tabulation have been computer edited for consistency and reasonableness prior to, or during the processing stage. Efforts to improve the quality of the data after summarization are expensive, i.e., the improvement might consist of the elimination of one suspect or erroneous value. The cost of preparing "perfect" copy can be prohibitive due to the handwork involved. Suspect cases will occur infrequently, but users should not disregard extreme values completely as some could be valid. Questionable values will most likely be single occurrences shown by a percentage frequency of "0". (This value indicates a percent less than ".05," which, in most cases, reflects a single observation.) Since most stations summarized now have in excess of 10,000 3-hourly observations, the occurrence of an occasional spurious value should not in itself be considered significant. Every effort is made by this office to maintain a high degree of accuracy and reliability these tables, and the Naval Oceanography Command Detachment (NOCD), Asheville, N.C. welcomes your comment and criticisms.

NOCD, Federal Building
Asheville, N. C.

PART A WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from 3-hourly observations, and is presented in three tables as follows:

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

Occurrences of the various phenomena included in each category on the forms are listed below:

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

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

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

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

Hail Occurrences of hail and small hail are included.

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

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

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

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

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

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

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

NOTE: The total number of observations may vary among tables within the same month and period. Percentages may not always equal 100.0 due to rounding practices.

WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

STATION	STATION NAME	YEARS	MONTH
[illegible]	JACKSONVILLE, FLORIDA	45-79	ALL

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	2.3	39.6	.2	.8		36.4	46.3	57.9			72.4	1084
FEB		3.1	41.4		.5		37.1	46.4	55.3			67.0	976
MAR		7.4	40.3		.3	.2	35.7	34.5	47.4		.4	57.7	1088
APR		12.4	38.9			.2	30.9	31.5	45.7		.4	54.3	1049
MAY		23.7	43.0			.6	38.1	29.7	45.5			52.2	1085
JUN		31.1	59.2			.3	52.4	22.9	42.0		.1	46.8	1048
JUL		36.4	70.9			.1	62.8	16.0	27.7			32.0	1084
AUG		44.4	68.7				60.8	26.3	37.3			44.1	1085
SEP		25.2	67.2			.1	59.5	33.5	48.3			55.8	1060
OCT		9.2	44.5				39.5	43.9	60.8			64.7	1082
NOV		2.6	37.7				33.4	46.6	61.0			71.2	1050
DEC		3.8	41.5		.2		36.9	49.8	61.3		.1	73.3	1085
TOTALS		16.4	49.1	.1	.1	.1	43.6	35.3	49.2		.1	58.0	12733

4

WEATHER CONDITIONS

23[illegible]7	JACKSONVILLE, FLORIDA	73-80	JAN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	01		6.5		.4		6.9	14.9	4.4			16.9	248
	04		7.7				7.7	19.4	7.3			23.8	248
	07	.4	8.9				8.9	29.8	10.1			35.9	248
	10	.4	10.1				10.1	21.8	28.2			47.2	249
	13	.8	6.5				6.5	8.9	12.5			19.8	248
	16		7.3				7.3	6.9	8.9			14.9	247
	19		5.6		.4		6.0	0.5	5.6			11.7	248
	22		7.3				7.3	8.1	4.8			12.5	248
TOTALS		.2	7.5		.1		7.6	14.5	10.2			22.6	1984

NAVWEASERVCOM

4

WEATHER CONDITIONS

[redacted] JACKSONVILLE, FLORIDA 73-80 FEB

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	01	.4	5.3				5.3	6.8	3.1		.4	11.5	226
	04		6.6				6.6	17.7	5.8		.4	22.1	226
	07	.9	7.5				7.5	32.3	22.6		.4	49.1	226
	10		8.0				8.0	16.2	29.6		.4	44.7	226
	13	.4	8.0		.4		8.4	7.1	12.4			19.0	226
	16	.4	8.8		.4		9.3	7.5	9.7		.4	16.8	226
	19		6.2				6.2	6.6	6.2		.9	13.3	226
	22		4.0				4.0	5.8	2.2		.4	8.0	226
TOTALS		.3	6.8		.1		6.9	12.8	11.5		.4	23.1	1808

NAVWEASERVCOM

4

WEATHER CONDITIONS

STATION: [illegible] | STATION NAME: JACKSONVILLE, FLORIDA | YEARS: 73-[illegible] | MONTH: [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
MAR	01	.4	4.[illegible]				4.[illegible]	[illegible].1	2.[illegible]			10.1	[illegible]
	04	.8	5.2				5.2	12.1	2.[illegible]			13.3	[illegible]
	[illegible]7	.8	6.9				6.9	13.5	19.9		.4	46.[illegible]	[illegible]
	1[illegible]	1.2	6.5				6.5	12.5	19.4			[illegible]0.2	[illegible]
	13	1.2	5.6		.4		5.[illegible]	[illegible].[illegible]	11.3			14.[illegible]	[illegible]
	16	1.2	7.7		.4		8.1	2.8	6.[illegible]			[illegible].[illegible]	[illegible]
	19	1.2	6.5		.4		6.9	5.6	10.1			15.3	[illegible]
	22	.4	4.4				4.4	4.[illegible]	2.4			6.[illegible]	[illegible]
TOTALS		.9	5.9		.2		6.[illegible]	10.3	9.3		.1	18.1	1984

NAVWEASERVCOM

4

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]	JACKSONVILLE, FLORIDA	73-80	APR

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
APR	01	1.3	4.2				4.2	2.5	2.1			4.2	240
	04	1.7	2.9				2.9	9.2	3.3			10.8	240
	07	1.3	5.4				5.4	27.5	30.8			47.5	240
	10	.8	3.8				3.8	2.9	17.9			20.0	240
	13	.4	2.5				2.5	1.7	6.3			7.9	240
	16	1.3	4.2				4.2	.4	6.3			6.7	240
	19	2.1	4.2				4.2	.8	11.7			12.5	240
	22		3.3				3.3	.4				.4	240
TOTALS		1.1	3.4				3.8	5.7	9.8			13.8	1920

NAVWEASERVCOM

4

WEATHER CONDITIONS

[illegible] JACKSONVILLE, FLORIDA 73-81 MAY

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.
MAY	01	.8	2.0				2.0	4.8	2.4			6.0	249
	04	.8	3.2				3.2	11.3	5.2			14.5	249
	07	.8	5.6				5.6	35.9	37.5			59.3	249
	10	.8	4.8				4.8	3.6	27.8			29.8	249
	13	2.4	4.8				4.8	1.2	17.3			18.1	249
	16	11.3	10.9				10.9	.8	16.9			17.3	249
	19	5.3	9.3				9.3	2.4	19.7			21.0	249
	22	3.2	4.0				4.0	.4	2.0			2.0	249
TOTALS		3.7	5.6				5.6	7.6	16.0			21.0	1964

NAVWEASERVCOM

4

WEATHER CONDITIONS

JACKSONVILLE, FLORIDA — JUN

STATION — STATION NAME — YEARS — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	01	.2	2.9				2.9	1.3	5.[illegible]			6.3	240
	04	1.3	2.9				2.9	9.6	10.4			16.3	240
	[illegible]	.8	3.3				3.3	23.3	40.0			52.5	240
	10	1.3	4.2				4.2	3.3	27.9			29.6	240
	13	3.3	5.4				5.4	.8	23.3			24.2	240
	16	12.9	12.5				12.5	.8	20.0			21.4	240
	19	11.7	15.8				15.8	1.7	22.5			23.8	240
	22	1.3	9.2				9.2	.8	5.[illegible]			6.7	240
TOTALS		4.5	7.[illegible]				7.[illegible]	5.2	19.5			22.5	1920

4

WEATHER CONDITIONS

STATION | JACKSON ILLE, FLORIDA (STATION NAME) | [illegible] (YEARS) | JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
Jul	01	.4	.6				.6	2.[illegible]	4.4			5.6	248
	04	.8	1.2				1.2	[illegible].6	6.[illegible]			10.9	248
	07		1.[illegible]				1.6	19.4	39.1			48.8	248
	10	.4	4.[illegible]				4.0	.8	27.4			27.4	248
	13	6.5	8.9				8.9	.4	23.4			23.8	248
	16	15.3	14.5				14.5		17.7			17.7	248
	19	10.9	12.5				12.5	.4	19.0			19.4	248
	22		4.[illegible]				4.[illegible]		3.2			3.2	248
TOTALS		4.3	5.9				5.9	3.6	17.5			19.6	1984

4

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]	JACKSONVILLE, FLORIDA	73-8[illegible]	AUG

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	01	.8	.8				.8	1.6	4.8			5.2	248
	04	.8	1.6				1.6	7.7	9.3			12.1	248
	07		1.6				1.6	30.2	31.9			49.6	248
	1[illegible]	.4	4.0				4.0	1.2	22.6			23.4	248
	1[illegible]	6.5	8.1				8.1	.4	17.3			17.7	248
	1[illegible]	13.7	12.5				12.5		9.7			9.7	248
	1[illegible]	7.7	11.7				11.7	.4	13.3			13.3	248
	22	3.6	3.6				3.6	.4	2.4			2.4	248
TOTALS		[illegible].2	5.5				5.5	5.2	13.9			16.7	1984

NAVWEASERVCOM

4

WEATHER CONDITIONS

STATION | JACKSONVILLE, FLORIDA (STATION NAME) | 73-80 (YEARS) | SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	01		5.4				5.4	3.8	5.4			7.9	240
	04	.4	2.9				2.9	10.4	9.6			17.1	240
	07	.8	4.2				4.2	35.3	39.6			56.3	240
	10	.8	6.7				6.7	3.8	29.6			31.3	240
	13	5.0	11.3				11.3	.4	19.2			19.2	240
	16	7.1	10.4				10.4		18.3			18.3	240
	19	7.1	11.7				11.7	1.3	18.3			18.8	240
	22	2.9	10.4				10.4	.4	5.0			5.4	240
TOTALS		3.0	7.9				7.9	7.3	18.1			21.8	1920

NAVWEASERVCOM

WEATHER CONDITIONS

STATION: [illegible] JACKSONVILLE, FLORIDA — STATION NAME: [illegible] — YEARS: 73-80 — MONTH: OCT

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.
[illegible]	01		2.0				2.0	[illegible].5	9.1			17.1	248
	07		1.6				1.6	15.5	12.9			24.2	248
	[illegible]7	.4	4.8				4.8	41.9	38.7			66.9	248
	1[illegible]		2.8				2.8	[illegible].0	32.7		.4	36.3	248
	1[illegible]	.4	4.4				4.4	1.6	13.7			15.3	248
	1[illegible]	.4	6.5				6.5	3.2	13.9			13.7	248
	19	.8	6.0				6.0	2.4	6.0			[illegible].5	248
	[illegible]3	.4	2.8				2.8	2.0	2.8			4.4	248
TOTALS		.3	3.9				3.9	10.0	15.7		.1	22.7	1984

4

WEATHER CONDITIONS

STATION: [illegible] | STATION NAME: JACKSONVILLE, FLORIDA | YEARS: 73-[illegible] | MONTH: NOV

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	01		4.6				4.6	16.7	7.5			20.8	240
	04		5.0				5.0	27.3	10.0			26.3	240
	07		5.4				5.4	45.4	27.1			61.7	240
	10		7.5				3.8	12.1	33.3			44.2	240
	13		3.8				3.8	4.6	10.8			15.0	240
	16	.8	5.0				5.0	3.3	6.5			11.7	240
	19	.4	4.2				4.2	4.2	5.4			9.2	240
	22		5.4				5.4	7.5	3.3			10.0	240
TOTALS		.2	4.9				4.0	14.6	13.3			24.9	1920

4

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]	JACKSONVILLE, FLORIDA	73-83	DEC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	01		9.3				9.3	16.5	9.8			19.8	248
	04	.4	10.1				10.1	24.6	4.[illegible]			27.8	248
	07		7.7				7.7	32.7	17.7			45.2	248
	10		5.6				5.6	21.0	23.2			45.6	248
	13	.4	7.7				7.7	9.9	13.3		.4	21.8	248
	16	.8	6.5				6.5	4.8	13.7			18.5	248
	19	.8	7.7				7.7	6.5	5.5			11.3	248
	22		7.3				7.3	8.9	9.[illegible]			12.9	248
TOTALS		.3	7.7				7.7	15.5	11.5		.1	25.4	1984

4

WEATHER CONDITIONS

[illegible] JACKSONVILLE, FLORIDA 73-[illegible] ALL

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	ALL	.2	7.5		.1		7.6	14.5	12.2			22.9	1984
FEB		.3	6.4		.1		6.7	12.8	11.5		.4	23.1	1856
MAR		.9	5.9		.2		6.6	10.3	9.3		.1	18.1	1984
APR		1.1	3.4				3.8	5.7	9.8			13.8	1920
MAY		1.7	5.6				5.6	7.6	16.			21.0	1984
JUN		4.5	7.2				7.2	6.2	19.5			22.9	1920
JUL		4.3	5.9				5.9	5.6	17.5			19.6	1984
AUG		4.2	5.5				5.5	6.2	13.9			16.7	1984
SEP		3.3	7.9				7.9	7.3	18.1			21.8	1920
OCT		.3	3.5				3.9	1.0	15.7		.1	22.7	1984
NOV		.2	4.				4.5	14.6	13.3			24.9	1920
DEC		.3	7.7				7.7	15.5	11.5		.1	25.4	1984
TOTALS		1.9	6.3		.0		6.3	9.4	13.9		.1	21.0	23776

4

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

[redacted] JACKSONVILLE, FLORIDA JANUARY 1973-DECEMBER 1982 JANUARY ALL

STATION STATION NAME YEARS MONTH

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING [illegible]	[illegible]
N	[illegible]		[illegible]						[illegible]	6.4	16.0		[illegible]
NNE	[illegible]	1.7	[illegible]						[illegible]	1.7	12.0		[illegible]
NE	[illegible]		.6					1.2	[illegible]	4.9	14.8		[illegible]
ENE		[illegible]							[illegible]	4.7	9.3		[illegible]
E	[illegible]	2.[illegible]							[illegible]	2.[illegible]	3.9		[illegible]
ESE	[illegible]								[illegible]	2.0	14.3		[illegible]
SE	[illegible]								[illegible]	7.7	[illegible]		[illegible]
SSE	[illegible]								[illegible]	2.5	[illegible]		[illegible]
S	[illegible]	2.0	.5						[illegible]		[illegible]		[illegible]
SSW	[illegible]	[illegible]							[illegible]	2.[illegible]	[illegible]		[illegible]
SW	[illegible]	2.6						2.6	[illegible]	[illegible]	[illegible]		[illegible]
WSW	[illegible]	2.6						.9	[illegible]	[illegible]	[illegible]		[illegible]
W	[illegible]	1.[illegible]				.5			[illegible]	[illegible]	[illegible]		[illegible]
WNW	[illegible]		.7						[illegible]	.7	[illegible]		[illegible]
NW	[illegible]	2.5	2.5			.8			[illegible]	[illegible]	[illegible]		[illegible]
NNW	.5		.5						[illegible]	[illegible]	11.1		71.[illegible]
VARIABLE													
CALM	[illegible]		.8						[illegible]	[illegible]	[illegible]		[illegible]
TOTAL	[illegible]	73	23			2		4	210	74	172		1442
% TOTAL	[illegible]	1.2	1.2			.1		.2	10.6	3.9	8.7		72.7

TOTAL NUMBER OF OBSERVATIONS 1,984

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

[illegible] JACKSONVILLE, FLORIDA JANUARY 1977-DECEMBER 1982 FEBRUARY ALL

STATION STATION NAME YEARS MONTH

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	
N	4.2	.6	3.0						13.5	2.4	15.8		52.4
NNE	3.1	.6	7.5						16.1	3.1	13.0		63.4
NE	14.4		.2						16.5	4.1	15.6		54.6
ENE	1.[illegible]		1.3						9.1		7.3		30.3
E									5.5		13.6		79.7
ESE		2.0	2.0						9.1	4.1	12.2		71.6
SE	6.1	2.3							9.1	4.5	9.1		72.7
SSE	2.4								5.6	1.4	7.0		37.1
S	4.5	3.9	.7					2.1	7.2	5.3	9.2		73.1
SSW	7.1	4.6						1.2	10.7	2.4	4.3		73.9
SW		4.[illegible]							2.2	4.[illegible]	2.1		51.[illegible]
WSW	.[illegible]	1.2	.6						5.6	6.2	5.[illegible]		30.1
W	1.2	1.[illegible]	.6						2.[illegible]	1.[illegible]	10.5		32.7
WNW	2.[illegible]								2.5	1.7	4.1		26.[illegible]
NW	1.3		2.0			1.0			2.1	4.[illegible]	5.1		20.[illegible]
NNW	3.5	.9	2.7			.9		.9	10.0	4.5	15.5		69.2
VARIABLE													
CALM	1.1								20.2	12.[illegible]	5.3		60.[illegible]
TOTAL	65	25	33			2		5	163	89	180		1[illegible]
% TOTAL	5.6	1.[illegible]	1.3			.1		.3	9.0	3.[illegible]	10.0		73.9

TOTAL NUMBER OF OBSERVATIONS 1,8[illegible]

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

STATION [illegible] JACKSONVILLE, FLORIDA STATION NAME JANUARY 1973-DECEMBER 1992 YEAR MARCH ALL

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS OR ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND	
N	4.9	2.9	2.3					1.0	12.7	7.8	17.6			[illegible]
NNE	4.7	1.7	.7						14.5	3.7	14.8			55.7
NE	4.1		1.3						18.3	1.0	7.2			73.[illegible]
ENE	2.3	2.3						2.3	4.6	3.4	9.2			79.7
E	5.5	2.4	.9					.9	6.2	2.8	13.3			77.[illegible]
ESE	2.[illegible]	.[illegible]							1.6	.8	5.6			88.[illegible]
SE	1.[illegible]	3.1						2.4	7.1	1.6	6.3			71.1
SSE	6.[illegible]	1.[illegible]						2.1	2.5	.7	7.1			77.[illegible]
S	3.2	2.6						.9	3.5	4.3	13.[illegible]			71.[illegible]
SSW	3.[illegible]	3.2						1.7	3.7	3.5	8.1			76.[illegible]
SW	1.[illegible]	4.7	.7					1.3	4.7	3.4	4.7			77.[illegible]
WSW	1.2	3.1							7.7	4.3	8.7			72.[illegible]
W	1.[illegible]	2.4							7.2	2.4	8.[illegible]			75.6
WNW		3.2	1.1		1.1	2.2		1.1	9.0	4.5	17.1			71.9
NW	1.4	5.5						1.4	1.4	2.7	2.7			87.7
NNW	.9	1.4	2.3						7.[illegible]	2.[illegible]	5.[illegible]			77.[illegible]
VARIABLE														
CALM	1.[illegible]	2.7							17.8	12.3	5.5			41.8
TOTAL	74	53	9		1	2		18	136	69	175			1[illegible]7
% TOTAL	2.7	2.7	.5		.1	.1		.9	6.9	3.5	8.8			75.[illegible]

TOTAL NUMBER OF OBSERVATIONS 1,9[illegible]4

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

[illegible]

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SNOW	SNOW GRAINS	HAIL	FOG			
N								2			1
NNE		1						2	1	1	1
NE								1		1	
ENE											
E		1						1		1	
ESE											
SE								1			
SSE											1
S	1	1						1	1		1
SSW								2			1
SW											
WSW		1									1
W											
WNW											
NW		1	1								
NNW	1	1						1	1	1	1
VARIABLE											
CALM											
TOTAL											
PCT											

TOTAL NUMBER OF OBSERVATIONS

4

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

STATION [illegible] STATION NAME JACKSONVILLE, FL[illegible] YEARS JAN A Y 1977-[illegible] C[illegible]E 1992 MAY [illegible] L

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING [illegible]	[illegible]
N	1.[illegible]	4.7						4.7	[illegible].4	7.5	28.1		[illegible].1
NNE		4.7						1.[illegible]	[illegible].3	12.[illegible]	17.2		[illegible].1
NE	1.1	.3						[illegible].2	[illegible].4	2.1	23.2		[illegible].1
ENE		.[illegible]						[illegible].2	1.[illegible]		22.7		[illegible].1
E	.[illegible]	[illegible].2						5.7	[illegible].1	3.1	17.7		71.9
ESE	1.2	2.[illegible]						[illegible].1	[illegible].1	1.[illegible]	14.7		78.[illegible]
SE	.[illegible]	.3						[illegible].3	[illegible].8	.7	9.9		[illegible].[illegible]
SSE	1.[illegible]	.[illegible]						[illegible].3	[illegible].1	1.2	11.[illegible]		[illegible].1
S	1.[illegible]	[illegible].[illegible]						3.3	1.[illegible]	2.4	13.7		[illegible].[illegible]
SSW		[illegible].[illegible]						3.[illegible]	[illegible].7	2.[illegible]	13.[illegible]		[illegible].1
SW		[illegible].7						[illegible].1	[illegible].[illegible]	[illegible].3	10.7		[illegible].7
WSW		.1						[illegible].4	[illegible].1	[illegible].[illegible]	13.6		[illegible].1
W	.[illegible]	[illegible].[illegible]	.[illegible]					1.1	[illegible].[illegible]	[illegible].[illegible]	15.9		[illegible].[illegible]
WNW	1.[illegible]	3.[illegible]						1.[illegible]	1.[illegible]	1.[illegible]	16.4		[illegible].4
NW		[illegible].[illegible]						[illegible].7	[illegible].[illegible]	[illegible].3	[illegible].[illegible]		[illegible].4
NNW		.[illegible]						.1	[illegible].2	[illegible].[illegible]	[illegible].[illegible]		[illegible].1
VARIABLE													
CALM		[illegible].[illegible]							1.[illegible]	[illegible].[illegible]	[illegible].[illegible]		[illegible].[illegible]
TOTAL	1[illegible]	[illegible]3	1					[illegible]7	[illegible]4	66	[illegible]11		[illegible]972
% TOTAL	.[illegible]	[illegible].[illegible]	.1					[illegible].[illegible]	[illegible].2	[illegible].[illegible]	[illegible].[illegible]		[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible],[illegible]

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

[illegible] JACKSONVILLE, FLORIDA JANUARY 1973-DECEMBER 1982 JUNE ALL

STATION STATION NAME YEARS

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING [illegible]	
N	[illegible]	4.5	1.0					6.1	9.1	6.1	33.3		47.[illegible]
NNE	1.1	5.6	1.1					2.2	5.6	2.2	29.2		[illegible]
NE	[illegible].1	5.3	1.1					3.2	1.1	2.1	27.7		[illegible]
ENE		4.1						7.1	2.0	1.0	25.5		62.2
E	1.[illegible]	5.3						4.8	1.4	.5	17.9		73.9
ESE		4.3						5.[illegible]	1.4		18.6		75.7
SE	1.[illegible]	4.[illegible]	1.[illegible]					4.[illegible]	1.[illegible]	1.0	14.9		76.2
SSE	.[illegible]	6.3						3.[illegible]		.9	12.6		79.3
S	[illegible].7	4.4	.6					[illegible].0	.6		12.2		77.[illegible]
SSW	1.[illegible]	[illegible].0						2.7	2.7		[illegible].7		[illegible]
SW		[illegible].7						4.7	2.9	1.2	15.9		[illegible]
WSW	.[illegible]	3.8						1.9	4.4	2.5	20.1		72.3
W	[illegible].[illegible]	3.6						2.4	5.9	3.[illegible]	18.3		71.[illegible]
WNW		[illegible].3	1.7					[illegible].3	5.0	3.3	26.7		[illegible]
NW		15.[illegible]	4.5					15.9	18.2	6.8	20.5		43.2
NNW		10.9						8.7	8.7	8.7	26.1		[illegible]
VARIABLE													
CALM		[illegible].4						2.7	2.7	[illegible].[illegible]	[illegible].6		78.5
TOTAL	21	103	9					86	63	37	358		1554
% TOTAL	1.2	[illegible].9	.5					4.5	3.3	1.9	18.6		80.5

TOTAL NUMBER OF OBSERVATIONS 1,920

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

STATION JACKSONVILLE, FLORIDA STATION NAME JANUARY 1973-DECEMBER 1982 YEARS JULY ALL

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW		
N		6.[illegible]						9.1	9.1	2.3	31.8			[illegible]4.5
NNE		7.[illegible]						2.[illegible]	[illegible]		25.[illegible]			[illegible]5.[illegible]
NE	[illegible]	1.4						1.4	1.4		21.4			77.1
ENE		1.[illegible]						3.[illegible]			17.5			80.[illegible]
E		[illegible].[illegible]						8.1	.8	1.2	21.7			68.7
ESE	.[illegible]	4.9						8.7	1.2	.6	12.2			79.9
SE	.[illegible]	2.[illegible]						1.[illegible]	.9	.9	9.9			84.7
SSE	.7	7.3						4.4		.7	7.3			87.6
S	.[illegible]	6.5						5.1	.5	.9	13.4			77.4
SSW	.[illegible]	6.9						[illegible].2	.5	.5	6.3			81.[illegible]
SW	.[illegible]	[illegible].3	.6					2.[illegible]	2.8	1.7	13.3			77.8
WSW	.[illegible]	4.5						3.[illegible]	1.6	4.5	28.2			[illegible]7.3
W	1.[illegible]	1.[illegible]						1.2	[illegible].[illegible]	1.2	25.7			68.[illegible]
WNW	1.[illegible]	9.6						11.5	1.9	[illegible].[illegible]	19.2			65.4
NW		8.8						5.9	11.8	8.[illegible]	29.4			[illegible]8.2
NNW		15.4						15.4	[illegible].7		30.8			46.[illegible]
VARIABLE														
CALM	[illegible].1	[illegible].3						[illegible].2	1.1	[illegible].[illegible]	16.1			75.[illegible]
TOTAL	19	98	1					86	35	36	340			1[illegible]5
% TOTAL	1.[illegible]	4.9	.1					4.3	1.8	1.8	17.1			73.3

TOTAL NUMBER OF OBSERVATIONS 1,984

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

[illegible] JACKSONVILLE, FLORIDA JANUARY 1973-DECEMBER 1982 AUGUST ALL

STATION STATION NAME YEAR MONTH HOUR

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	CEILING 200 FEET OR LESS	SMOKE HAZE	BLOWING SAND DUST	TOTAL OBS
N		.5						2.7	0.2	6.8	28.8		56.2
NNE	1.5	3.7						8.4	7.5	6.5	24.3		58.9
NE	1.1	6.5						0.5	1.1	2.2	19.4		66.7
ENE	.7	6.3						2.3	3.1	1.5	16.4		74.2
E	.	4.6						2.9	.4	.4	12.5		81.7
ESE	.7	2.7						2.3		.6	7.9		86.4
SE	.	3.8						3.8		.4	7.5		85.7
SSE	1.1	4.2						5.6		.7	7.7		83.1
S	1.	2.1						2.7	.5	1.1	9.6		86.6
SSW	.	6.5						7.3	3.2	.8	9.7		77.4
SW	1.7	9.6						6.9	3.4	2.6	13.4		75.
WSW	.	4.8						4.0	1.6	5.6	16.1		71.4
W	.3	.9						6.3	4.5	1.2	15.2		82.3
WNW	.4	7.1						4.9	4.8		9.5		78.7
NW		8.9						3.4	6.9	13.8	24.1		52.6
NNW		2.3						5.6	13.9	5.6	16.7		48.7
VARIABLE													
CALM		1.7								15.5	15.5		84.2
TOTAL	23	86						83	85	59	269		1515
% TOTAL	1.2	4.3						4.2	2.3	3.0	13.6		76.4

TOTAL NUMBER OF OBSERVATIONS 1,984

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

[illegible] JACKSONVILLE, FL [illegible] JANUARY 1973-DECEMBER 1982 SEPTEMBER ALL

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SNOW SHOWERS SNOW PELLETS	SNOW GRAINS ICE PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	[illegible]
N	2.3	7.6						4.5	12.9	9.8	31.8		41.9
NNE	4.9	10.3	.7					4.3	4.1	1.4	24.1		57.9
NE	3.2	4.1	.3					.0	2.4	.2	22.6		63.7
ENE	1.7	3.7						2.9	1.7	1.2	21.4		69.4
E	.8	5.3						4.9	.9	.9	13.5		76.9
ESE	.7	4.7						2.0			10.0		43.7
SE	1.4	3.5						5.3	.9		11.4		74.9
SSE	1.4	1.9						2.9			7.8		87.4
S	2.0	2.5						2.5	.6	2.5	6.7		85.0
SSW	1.3	3.8						3.3	2.5	3.8	16.3		76.1
SW	3.2	7.2	1.2					3.6	3.6	1.2	6.0		76.1
WSW	.8	3.4						1.5	3.8	2.6	10.4		78.3
W	1.4	2.6							13.5	6.7	17.3		63.5
WNW	1.2								5.3	7.7	23.1		69.2
NW	4.0	4.8	1.6					3.2	11.1	11.1	27.0		54.0
NNW	4.4	13.3						4.4	11.8	11.8	35.3		44.1
VARIABLE													
CALM	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL	41	106	4					58	74	66	336		1362
% TOTAL	3.1	5.5	.2					3.0	3.9	3.4	17.5		70.9

TOTAL NUMBER OF OBSERVATIONS 1,920

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

STATION: JACKSONVILLE, FLORIDA | STATION NAME | YEARS: JANUARY 1973-DECEMBER 1982 | MONTH: OCTOBER | HOUR: ALL

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SNOW SHOWERS SNOW	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	
N	.3		.7						1.0	3.0	24.9		61.2
NNE	1.4	2.1	.7						.2	2.4	17.5		71.5
NE	.4	3.9							.1	.4	13.6	.4	79.4
ENE	1.7	2.6	.9					.9	1.7		5.8		86.0
E	.4	3.3							.3		5.4		90.6
ESE		4.2	1.4					1.4	1.4	2.8	4.2		84.9
SE		4.7						2.3			4.7		88.3
SSE	.4							2.0	5.3	6.3	11.1		77.8
S		3.2						1.6	3.1	1.6	7.8		86.3
SSW									.4		9.4		91.2
SW		.8							1.5		15.0		84.6
WSW		1.3							.6	8.3	10.2		77.8
W	.8	1.4						.7	4.3	4.3	6.5		88.1
WNW			1.2						.3	9.4	7.3		79.2
NW	1.1	1.0							.1	5.1	17.3		72.4
NNW	.8		1.4						11.0	7.4	22.3		63.2
VARIABLE													
CALM									.4	2.9	16.3		54.5
TOTAL	20	35	14					6	113	86	273	1	1403
% TOTAL	1.4	1.9	.7					.3	5.7	4.3	13.8	.1	75.9

TOTAL NUMBER OF OBSERVATIONS 1,984

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

[illegible] JACKSONVILLE, FLORIDA JANUARY 1973-DECEMBER 1982 NEW JERSEY ALL

STATION STATION NAME YEARS STATE

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	[illegible]	[illegible]
N	1.7		2.5						14.6	3.4	19.5			61.3
NNE	2.4	.5	1.0						13.1	3.4	22.3			55.7
NE	3.4		1.3						15.1	2.2	15.1			65.5
ENE	4.9		1.4						4.3		11.4			81.4
E	3.1	1.0							4.1		5.2			89.7
ESE	1.6	2.3							3.1	1.3	6.1			86.7
SE	4.7	1.3							3.3		4.3			86.7
SSE	2.4	3.6							1.8	5.4	7.1			80.4
S	3.6	2.3	.1						3.1	2.3	7.3			82.8
SSW	2.9	3.1	1.7						11.7	5.7	5.3			75.3
SW	1.6		1.6						3.2	4.9	4.8			87.3
WSW			.1						7.8	4.7	10.9			76.6
W	3.4		.0						5.1	7.7	5.1			82.9
WNW	5.1	2.8	1.0					.3	13.1	13.1	11.1			66.7
NW	.1		.8						14.3	7.0	6.3			74.2
NNW	1.7	1.3	1.9					.6	13.8	4.4	15.1			64.2
VARIABLE														
CALM	2.4	.9							14.7	12.9	18.6			55.3
TOTAL	47	18	27					3	190	91	224			1397
% TOTAL	2.4	.9	1.4					.2	9.9	4.7	11.7			72.8

TOTAL NUMBER OF OBSERVATIONS 1,920

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

STATION JACKSONVILLE, FLORIDA STATION NAME JANUARY 1973-DECEMBER 1982 YEARS DECEMBER MONTH ALL

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	
N	[illegible]		[illegible]						[illegible]	2.3	15.7		6[illegible]
NNE	[illegible]	.5	[illegible]						[illegible]	1.6	11.6		66.[illegible]
NE	[illegible]								[illegible]	2.[illegible]	10.9		68.9
ENE	[illegible]								[illegible]		[illegible]		72.[illegible]
E	[illegible]	2.0							[illegible]		[illegible]		[illegible]
ESE	[illegible]								[illegible]		6.9		[illegible]
SE	[illegible]								10.6	4.3	6.4		[illegible]
SSE	[illegible]	4.3							[illegible]	4.3	4.3		[illegible]
S	[illegible]	1.3	1.3					.7	15.4	.7	8.1		[illegible]
SSW	[illegible]								7.8	7.8	12.5		[illegible]
SW	[illegible]	[illegible]						1.1	[illegible]	5.5	3.3		[illegible]
WSW	[illegible]	1.5							6.[illegible]	[illegible]	6.2		[illegible]
W	[illegible]	1.8	.6					1.2	[illegible]	2.5	9.2		[illegible]
WNW	2.4	1.6	2.4					.6	[illegible]	2.4	7.2		[illegible]
NW	[illegible]	1.4	2.1					.7	[illegible]	1.4	5.6		[illegible]
NNW	[illegible]		[illegible]						[illegible]	6.2	15.9		62.8
VARIABLE													
CALM	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	[illegible]		[illegible]
TOTAL	[illegible]	19	27					6	240	67	194		1413
% TOTAL	[illegible]	[illegible]	1.4					.3	12.1	3.4	9.8		71.2

TOTAL NUMBER OF OBSERVATIONS 1,984

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

[illegible] JACKSONVILLE, FLORIDA JANUARY 1977-DECEMBER 1982 ALL ALL
STATION STATION NAME YEAR

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	[illegible]
N	3.[illegible]	1.9	1.8					1.3	12.9	4.8	21.0		[illegible]
NNE	2.[illegible]	2.7	1.9					1.3	11.1	3.3	17.7		[illegible]
NE	4.3	2.9	1.7					1.1	8.0	1.[illegible]	17.9	.1	[illegible]
ENE	1.[illegible]	4.3	.3					2.8	7.3	1.2	14.9		75.8
E	1.4	3.9	.1					3.2	2.6	1.1	12.7		[illegible]
ESE	1.[illegible]	3.7	.1					2.4	2.2	.9	10.3		[illegible]
SE	.[illegible]1	2.[illegible]	.2					2.3	3.6	1.3	8.6		[illegible]
SSE	.[illegible]3	3.6						2.9	2.0	1.4	6.8		[illegible]
S	[illegible].3	3.2	.3					2.2	3.8	1.8	13.0		[illegible]
SSW	2.[illegible]	5.2	.1					2.7	5.4	2.3	8.9		[illegible]
SW	1.4	4.5	.3					2.6	4.5	2.9	9.7		[illegible]
WSW	1.[illegible]	3.[illegible]	.2					1.4	4.5	4.9	13.0		[illegible]
W	2.2	1.[illegible]	.3			.1		1.0	5.2	3.6	12.1		[illegible]
WNW	1.[illegible]	2.2	.8		.1	.2		1.[illegible]	5.2	3.[illegible]	13.2		[illegible]
NW	2.4	3.0	1.4			.2		1.[illegible]	7.7	4.6	10.7		[illegible]
NNW	3.[illegible]	2.4	1.3			.1		1.9	11.2	5.5	17.6		[illegible]
VARIABLE													
CALM	[illegible].2	[illegible].2	[illegible].4					[illegible].6	[illegible].3	[illegible].6	[illegible].4		[illegible]
TOTAL	561	697	151		1	6		449	1413	773	3012	1	[illegible]
% TOTAL	2.4	3.0	.6		.0	.0		1.9	6.0	3.3	12.9	.0	[illegible]

TOTAL NUMBER OF OBSERVATIONS 23,376

NAVWEASERVCOM

NCDC, Federal Building
Asheville, N. C.

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

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

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

1. The first table for each of the above presents the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). The latter statistics above are not presented for the snow depth summary since they would have limited use and may be misleading.

2. The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in computations if one or more observations are missing.

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

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

* Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956, and after Dec 1979.

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF

(FROM DAILY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-25.00	OVER 25.00					
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4			MEAN	GREATEST	LEAST
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN																		
FEB																		
MAR																		
APR																		
MAY																		
JUN																		
JUL																		
AUG																		
SEP																		
OCT																		
NOV																		
DEC																		
ANNUAL																		

NAVWEASERVCOM

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF

(FROM DAILY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____

	AMOUNTS (INCHES)															PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00				MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	.1-.4	.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	.	.																.		.
FEB	.	.																.		.
MAR	.	.																.		.
APR	.	.																.		.
MAY	.	.																.		.
JUN	.																	.	.	.
JUL	.																	.	.	.
AUG	.																	.	.	.
SEP	.																	.	.	.
OCT	.																	.	.	.
NOV	.																	.	.	.
DEC	.	.																.		.
ANNUAL	.	.																.		

NAVWEASERVCOM

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF

(FROM DAILY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____

	AMOUNTS (INCHES)															PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
																		MEAN	GREATEST	LEAST
PRECIP	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00							
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4							
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120							
JAN																				
FEB																				
MAR																				
APR																				
MAY																				
JUN																				
JUL																				
AUG																				
SEP																				
OCT																				
NOV																				
DEC																				
ANNUAL																				

NAVWEASERVCOM

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

[illegible] STATION | [illegible] STATION NAME | [illegible] YEARS

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	[illegible]
[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.1	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	2.11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	1.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	1.1	.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.1	1.77	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.4	2.34	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.7	[illegible]	[illegible]	[illegible]	[illegible]	1.1	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.5	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	1.31	1.17	1.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.1	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.4	[illegible]		[illegible]	1.29	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.56	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MEAN												
S.D.												
TOTAL OBS												

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

STATION _____ STATION NAME _____ YEARS _____

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
MEAN													
S.D.													
TOTAL OBS													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

PRECIPITATION
FROM DAILY OBSERVATIONS

[illegible] JACKSONVILLE, FLORIDA 45-6[illegible]
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES
(BASED ON LESS THAN FULL MONTHS)

MONTH / YEAR	JAN.	FEB.	MAR.	APR	MAY	JUN	JUL	AUG.	SEP	OCT.	NOV	DEC	ALL MONTHS
4[illegible]		• [illegible] 1											P FCTP DAYS
4[illegible]										1.2[illegible] 2[illegible]	.96 2[illegible]		P FCTP DAYS
4[illegible]										4.41 1			P FCTP DAYS
4[illegible]						1.0[illegible] [illegible]							P FCTP DAYS
[illegible]				.57 2[illegible]									P FCTP DAYS
[illegible]				2.0[illegible] 2[illegible]									P FCTP DAYS
[illegible]										1.[illegible] [illegible]			P FCTP DAYS
[illegible]							1.4[illegible] [illegible]						P FCTP DAYS
MEAN													
S D													
TOTAL OBS													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

...PELL
FROM DAILY OBSERVATIONS

STATION | STATION NAME | YEARS

...AMOUNTS IN INCHES

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
MEAN													
S D													
TOTAL OBS													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

...PITATION
FROM DAILY OBSERVATIONS

... STATION | JACK...VILLE, FLORIDA STATION NAME | 45-... YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
	•	•	TRACE	•	•	•	•	•	•	•	•	•	TRACE
	TRACE	•	•	•	•	•	•	•	•	•	•	•	TRACE
77	TRACE	TRACE	•	•	•	•	•	•	•	•	•	•	TRACE
7...	•	•	•	•	•	•	•	•	•	•	•	•	•
7...	•	•	•	•	•	•	•	•	•	•	•	•	•
	•	•	TRACE	TRACE	TRACE	•	•	•	•	•	•	•	TRACE
	•	•	•	•	•	•	•	•	•	•	•	•	•
	TRACE	•	TRACE	•	•	•	•	•	•	•	•	•	TRACE
MEAN	TRACE	TRACE	TRACE	TRACE	TRACE	• 0	• 00	• 00	• 00	• 00	• 00	TRACE	• 00
S D	• ...	• ...	• 00...	• 000	• 00...	• 000	• 000	• 000	• 000	• 000	• 000	• 000	• 000
TOTAL OBS	1147	1045	1175	1093	1171	1150	1147	1179	1180	1116	1140	1176	13567

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION | STATION NAME | YEARS

(AND AMOUNTS IN INCHES
/BASED ON LESS THAN FULL MONTHS/

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
													SNOWFALL DAYS
													SNOWFALL DAYS
													SNOWFALL DAYS
													SNOWFALL DAYS
													SNOWFALL DAYS
													SNOWFALL DAYS
													SNOWFALL DAYS
													SNOWFALL DAYS
													SNOWFALL DAYS
MEAN													
S D													
TOTAL OBS													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

STATION | JACKSONVILLE, FLORIDA (STATION NAME) | 49-92 (YEARS)

DAILY SNOW DEPTH IN INCHES

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP	OCT.	NOV.	DEC.	ALL MONTHS
45													
46													
47													
48													
49													
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													
MEAN													
S D													
TOTAL OBS													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

STATION | JACKSONVILLE, FLORIDA (STATION NAME) | 45, 49-82 (YEARS)

DAILY SNOW DEPTH IN INCHES

MONTH / YEAR	JAN.	FEB	MAR.	APR	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ALL MONTHS
[illegible]													
[illegible]													
77	TRACE												TRACE
[illegible]													
[illegible]													
[illegible]													
MEAN	TRACE	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0
S D	.6	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL OBS	1023	[illegible]	1023	999	1063	960	1023	1023	960	1023	990	1054	12114

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SNOW DEPTH
FROM DAILY OBSERVATIONS

[illegible] / STATION | [illegible] JACKSONVILLE, FLORIDA / STATION NAME | [illegible] / YEARS

DAILY MAXIMUM SNOW DEPTH
(VALUE IN LESS THAN FULL MONTH)

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
4[illegible]			1										
45													
47													
[illegible]													
[illegible]0	1[illegible]												
[illegible]				27									
1													
[illegible]2						2[illegible]							
[illegible]													
[illegible]													
MEAN													
S D													
TOTAL OBS.													

SMOS

4

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE NORTH CAROLINA

DAILY EXTREME AMOUNTS

JACKSONVILLE, FLORIDA — STATION NAME

1948-1980 — YEARS

JANUARY — MONTH

DAY	PRECIPITATION GREATEST INCHES	MM	DATE	SNOWFALL GREATEST INCHES	MM	DATE
1	0.10	3	1950	T	T	1977
2	1.03	26	1976			
3	0.94	24	1977			
4	0.55	14	1967			
5	0.51	13	1971			
6	1.54	39	1977	T	T	1977
7	0.[illegible]	25	1950			
8	0.[illegible]	25	1952	T	T	1977*
9	0.[illegible]	16	1963			
10	0.[illegible]	18	1977			
11	0.94	24	1954			
12	1.[illegible]	48	1976	T	T	1952*
13	1.[illegible]	36	1950	T	T	1952*
14	0.41	10	1952			
15	0.76	19	1977			
16	0.75	19	1950			
17	1.41	36	1964			
18	0.[illegible]	[illegible]	1955	T	T	1977
19	1.93	49	1972	T	T	1977
20	1.40	41	1948*			
21	0.43	11	1976			
22	1.00	25	1946			
23	1.41	33	1955			
24	0.[illegible]	53	1948*			
25	0.98	24	1965			
26	1.72	43	1978			
27	0.87	22	1967			
28	0.72	18	1977*			
29	0.59	15	1964			
30	0.56	14	1960			
31	1.86	47	1947			
Monthly	0.10	70	1955	T	T	1952*

FEBRUARY — MONTH

DAY	PRECIPITATION GREATEST INCHES	MM	DATE	SNOWFALL GREATEST INCHES	MM	DATE
1	1.81	46	1947			
2	1.48	37	1965	T	T	1951
3	0.43	87	1970			
4	0.52	13	1968			
5	0.74	19	1964			
6	1.54	40	1947			
7	0.16	55	1950			
8	1.13	29	1955			
9	0.95	24	1967			
10	0.83	21	1956	T	T	1977
11	1.38	35	1971			
12	1.15	29	1967			
13	0.76	19	1965	T	T	1965
14	0.65	17	1967			
15	2.35	60	1960			
16	2.29	58	1955	T	T	1977
17	0.48	12	1977*			
18	2.37	60	1981			
19	0.69	18	1977			
20	0.78	10	1947			
21	0.40	10	1957			
22	0.69	18	1950			
23	1.02	26	1965			
24	1.23	33	1948*	T	T	1948*
25	1.20	30	1962			
26	1.21	31	1959			
27	2.15	55	1959			
28	1.60	41	1966			
29	0.03	1	1968			
30						
31						
Monthly	2.49	80	1977*	T	T	1977*

* ALSO ON EARLIER YEARS
T TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE NORTH CAROLINA

DAILY EXTREME AMOUNTS

STATION NAME

YEARS

MONTH

MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
Monthly						

MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
Monthly						

* ALSO ON EARLIER YEARS
T TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

4

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

JACKSONVILLE, FLORIDA — STATION NAME
1948-1992 — YEARS

MAY — MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.21	29	1954			
2	.72	20	1962			
3	.93	24	1978			
4	.52	64	1978			
5	1.85	47	1963			
6	.34	57	1979			
7	1.67	42	1979			
8	.72	52	1956			
9	1.17	30	1956			
10	1.21	41	1979			
11	1.79	42	1967			
12	1.91	43	1974			
13	.69	17	1959			
14	.91	23	1969			
15	.42	44	1975			
16	1.13	25	1981			
17	1.73	44	1965			
18	.98	10	1946			
19	1.07	27	1979			
20	5.20	100	1979			
21	.87	46	1959			
22	1.71	33	1976			
23	1.13	29	1967			
24	.94	24	1973			
25	1.00	25	1952	T	T	1968
26	.92	26	1951			
27	1.63	42	1975			
28	1.03	26	1957			
29	1.53	36	1973			
30	2.37	55	1980			
31	.84	77	1974			
Monthly	5.20	132	1979	T	T	1968

JUNE — MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	3.52	89	1952			
2	3.87	98	1966			
3	1.78	45	1953			
4	2.59	71	1976			
5	1.75	44	1980			
6	2.16	55	1964			
7	1.96	50	1952			
8	3.66	69	1957			
9	1.45	37	1971			
10	1.47	37	1978			
11	2.34	59	1965			
12	3.74	95	1964			
13	1.22	31	1955			
14	2.56	65	1951			
15	2.59	53	1967			
16	2.45	62	1961			
17	1.38	35	1965			
18	1.65	42	1973			
19	2.37	60	1973			
20	1.07	27	1977			
21	1.54	39	1947			
22	2.75	70	1972			
23	2.22	57	1975			
24	3.41	86	1965			
25	1.18	30	1968			
26	2.95	75	1974			
27	0.84	21	1972			
28	1.72	44	1975			
29	1.05	27	1955			
30	2.46	88	1966			
31						
Monthly	3.74	95	1964			

* ALSO ON EARLIER YEARS
T TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE NORTH CAROLINA

DAILY EXTREME AMOUNTS

STATE [illegible] STATION NAME YEARS

JULY
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	[illegible]	[illegible]	[illegible]			
2	[illegible]	[illegible]	[illegible]			
3	[illegible]	[illegible]	[illegible]			
4	[illegible]	[illegible]	[illegible]			
5	[illegible]	[illegible]	[illegible]			
6	[illegible]	[illegible]	[illegible]			
7	[illegible]	[illegible]	[illegible]			
8	[illegible]	[illegible]	[illegible]			
9	[illegible]	[illegible]	[illegible]			
10	[illegible]	[illegible]	[illegible]			
11	[illegible]	[illegible]	[illegible]			
12	[illegible]	[illegible]	[illegible]			
13	[illegible]	[illegible]	[illegible]			
14	[illegible]	[illegible]	[illegible]			
15	[illegible]	[illegible]	[illegible]			
16	[illegible]	[illegible]	[illegible]			
17	[illegible]	[illegible]	[illegible]			
18	[illegible]	[illegible]	[illegible]			
19	[illegible]	[illegible]	[illegible]			
20	[illegible]	[illegible]	[illegible]			
21	[illegible]	[illegible]	[illegible]			
22	[illegible]	[illegible]	[illegible]			
23	[illegible]	[illegible]	[illegible]			
24	[illegible]	[illegible]	[illegible]			
25	[illegible]	[illegible]	[illegible]			
26	[illegible]	[illegible]	[illegible]			
27	[illegible]	[illegible]	[illegible]			
28	[illegible]	[illegible]	[illegible]			
29	[illegible]	[illegible]	[illegible]			
30	[illegible]	[illegible]	[illegible]			
31	[illegible]	[illegible]	[illegible]			
Monthly	[illegible]	[illegible]	[illegible]			

[illegible] MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	[illegible]	[illegible]	[illegible]			
2	[illegible]	[illegible]	[illegible]			
3	[illegible]	[illegible]	[illegible]			
4	[illegible]	[illegible]	[illegible]			
5	[illegible]	[illegible]	[illegible]			
6	[illegible]	[illegible]	[illegible]			
7	[illegible]	[illegible]	[illegible]			
8	[illegible]	[illegible]	[illegible]			
9	[illegible]	[illegible]	[illegible]			
10	[illegible]	[illegible]	[illegible]			
11	[illegible]	[illegible]	[illegible]			
12	[illegible]	[illegible]	[illegible]			
13	[illegible]	[illegible]	[illegible]			
14	[illegible]	[illegible]	[illegible]			
15	[illegible]	[illegible]	[illegible]			
16	[illegible]	[illegible]	[illegible]			
17	[illegible]	[illegible]	[illegible]			
18	[illegible]	[illegible]	[illegible]			
19	[illegible]	[illegible]	[illegible]			
20	[illegible]	[illegible]	[illegible]			
21	[illegible]	[illegible]	[illegible]			
22	[illegible]	[illegible]	[illegible]			
23	[illegible]	[illegible]	[illegible]			
24	[illegible]	[illegible]	[illegible]			
25	[illegible]	[illegible]	[illegible]			
26	[illegible]	[illegible]	[illegible]			
27	[illegible]	[illegible]	[illegible]			
28	[illegible]	[illegible]	[illegible]			
29	[illegible]	[illegible]	[illegible]			
30	[illegible]	[illegible]	[illegible]			
31	[illegible]	[illegible]	[illegible]			
Monthly	[illegible]	[illegible]	[illegible]			

* ALSO ON EARLIER YEARS
T TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

JACKSONVILLE, FL
STATION NAME

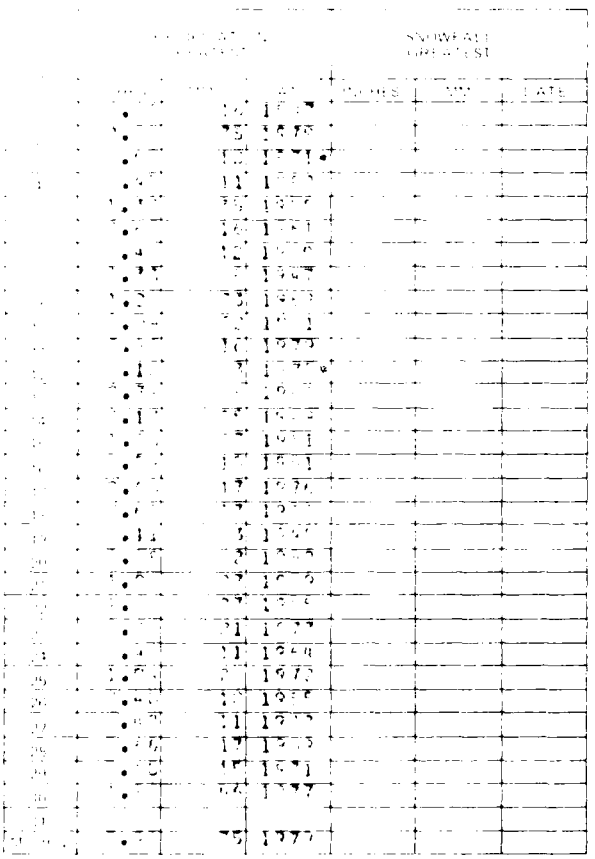
SEPT
MONTH

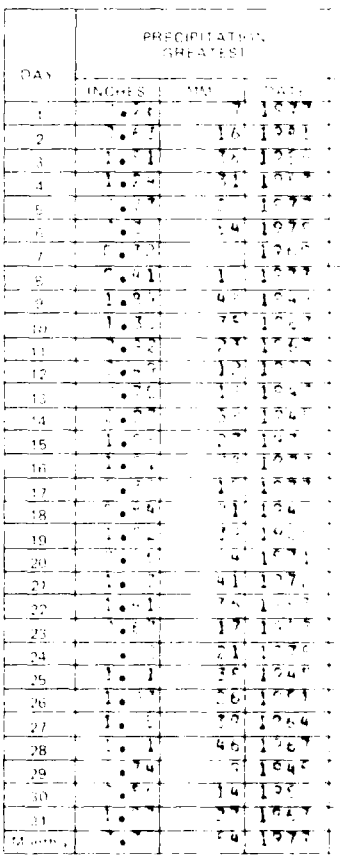
DAY	PRECIPITATION GREATEST INCHES	PRECIPITATION GREATEST MM	PRECIPITATION GREATEST DATE	SNOWFALL GREATEST INCHES	SNOWFALL GREATEST MM	SNOWFALL GREATEST DATE
1	.47	12	1946			
2	.10	3	1973			
3	1.07	27	1967			
4	.02	1	1945			
5	1.31	33	1945			
6	.43	11	1971			
7	.04	1	1974			
8	.01	T	1971			
9	.25	6	1971			
10	.50	13	1964			
11	.54	14	1954			
12	.00	0	1973			
13	.00	0	1973			
14	.05	1	1972			
15	.56	14	1945			
16	.47	12	1971			
17	.00	0	1973			
18	.12	3	1947			
19	.21	5	1955			
20	.04	1	1973			
21	.00	0	1973			
22	.00	0	1973			
23	.00	0	1973			
24	.00	0	1973			
25	.00	0	1973			
26	.00	0	1973			
27	.00	0	1973			
28	.00	0	1973			
29	.00	0	1973			
30	.00	0	1973			
31	.00	0	1973			
Monthly	1.31	33	1945			

* ALSO ON EARLIER YEARS
T TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS





DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	*	DATE	INCHES	*	DATE
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
[illegible]						

* AS SO ON EARLIER YEARS
T = TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL [illegible]

PART C SURFACE WINDS

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

a. 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 1963, and in tens of degrees starting in January 1964. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided.

NOTE: According to Circular N specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

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

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

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

(1) Annual - all hours combined

(2) By month - all hours combined

(3) By month - by standard 3-hour groups

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

C

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

STATION | STATION NAME | YEARS

(MPH 1949-1955)

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
MEAN													
S.D.													
TOTAL OBS													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

FROM DAILY OBSERVATIONS

STATION | STATION NAME | YEARS

(MPH 1949-1955)

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
MEAN													
S D													
TOTAL OBS													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

FROM DAILY OBSERVATIONS

STATION | STATION NAME | YEARS

(MPH 1949-1955)

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
MEAN													
S D													
TOTAL OBS													

SMOS

6
4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L.S.T.) _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS L S T _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS - L S T _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L.S.T.) _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____ L.S.T.

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

SURFACE WINDS

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

STATION ____ STATION NAME ____ YEARS ____ MONTH ____

CLASS ____ HOURS ____ S.T.

CONDITION ____

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____

CONDITION _____

HOURS _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

SURFACE WINDS

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

STATION STATION NAME YEARS

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	%
N												
NNE												
NE												
ENE												
E												
ESE												
SE												
SSE												
S												
SSW												
SW												
WSW												
W												
WNW												
NW												
NNW												
VARBL												
CALM												

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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	Σ	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

SURFACE WINDS

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

STATION STATION NAME YEARS MONTH

CLASS HOURS L S T

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

H
4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____ L.S.T.

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
ENVIRONMENTAL
ASHEVILLE, N.C.

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L.S.T.) _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____ S T

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T)

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L.S.T.) _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS L S T _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____ L S T

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____ S T

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

SURFACE WINDS

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

STATION STATION NAME YEARS MONTH

CLASS HOURS L.S.T.

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

SURFACE WINDS

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

STATION STATION NAME YEARS

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 +
N											
NNE											
NE											
ENE											
E											
ESE											
SE											
SSE											
S											
SSW											
SW											
WSW											
W											
WNW											
NW											
NNW											
VARBL											
CALM											

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

E
4

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____ S T

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____ S T

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L.S.T.) _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

6
4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L.S.T.) _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T)

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____ L S T

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

6
4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, N.C.

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____ L.S.T.

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE DETACHMENT ANNAPOLIS, MD

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

SURFACE WINDS

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

STATION STATION NAME YEARS MONTH

CLASS HOURS

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

SURFACE WINDS

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

STATION STATION NAME YEARS

CLASS

CONDITION

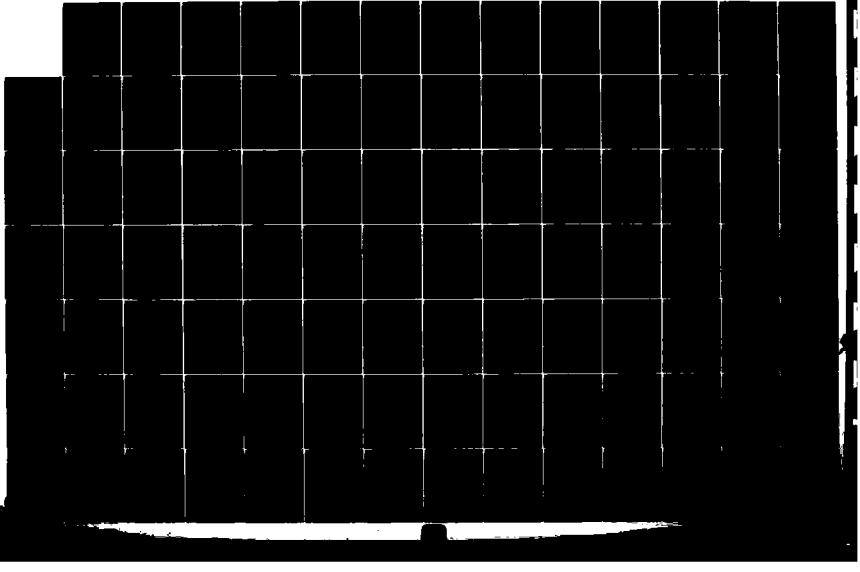
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW			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

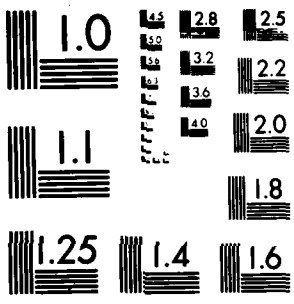
TOTAL NUMBER OF OBSERVATIONS

SMOS

AD A150 380 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) 2/4
JACKSONVILLE FLORIDA(U) NAVAL OCEANOGRAPHY COMMAND
DETACHMENT ASHEVILLE NC NOV 83

UNCLASSIFIED F/G 4/2 NL





MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963 A

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T)

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] JACKSONVILLE, FLORIDA 73-[illegible] MAY
STATION STATION NAME YEARS MONTH

ALL WEATHER 1?
CLASS HOURS (L S T

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.[illegible]	[illegible].4	1.[illegible]	.4								5.[illegible]	[illegible].5
NNE	1.[illegible]	2.4	.[illegible]	.3	.4							6.[illegible]	5.3
NE	.[illegible]	2.[illegible]	1.[illegible]	.8	.4							6.[illegible]	6.9
ENE	2.4	2.[illegible]	1.[illegible]									6.[illegible]	4.5
E	1.[illegible]	[illegible].[illegible]	1.[illegible]	.4								7.[illegible]	[illegible].4
ESE	1.[illegible]	1.[illegible]	1.[illegible]									4.[illegible]	4.7
SE	.[illegible]	1.[illegible]	.[illegible]	1.6								4.[illegible]	7.7
SSE	.[illegible]	4.[illegible]	[illegible].[illegible]	.4	.4							10.1	[illegible].[illegible]
S	2.4	[illegible].[illegible]	[illegible].[illegible]	1.6								12.[illegible]	7.[illegible]
SSW	1.2	.4	2.[illegible]	.8								4.4	7.3
SW	.[illegible]	.4	2.[illegible]	.8								4.[illegible]	[illegible].1
WSW	1.[illegible]	2.[illegible]	2.[illegible]	.4								[illegible].[illegible]	[illegible].6
W	1.2	[illegible].6	4.4	.[illegible]								12.1	[illegible].4
WNW	.[illegible]	1.2	.4									2.4	4.7
NW	.[illegible]	.[illegible]	2.[illegible]									[illegible].[illegible]	6.1
NNW		1.[illegible]	.[illegible]									2.4	[illegible].[illegible]
VARBL													
CALM												1.[illegible]	
	20.[illegible]	35.[illegible]	31.[illegible]	[illegible].9	1.2							1[illegible].[illegible]	6.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]4[illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION: [illegible] | STATION NAME: JACKSONVILLE, FLORIDA | YEARS: [illegible] | MONTH: MAY

CLASS: ALL WEATHER | HOURS (LST): 17

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	3.7	2.0	.8								7.3	5.2
NNE		1.6	2.8	1.6								6.5	7.9
NE	.8	1.6	2.4									4.8	6.3
ENE	2.8	2.4	1.2	.8								7.2	5.3
E	1.2	4.0	4.0	.4								11.7	6.1
ESE	.8	5.3	3.6	.4								10.1	5.5
SE	.8	.4	2.8	.4								4.4	5.9
SSE	1.2	3.2	3.6	1.2								9.7	7.0
S	.8	4.0	3.2	1.2								9.3	7.2
SSW	.4	1.2	1.2	1.6								4.4	6.7
SW		2.0	1.6									3.6	7.1
WSW	1.2	1.2	2.8	1.2	.4							6.8	8.9
W		.8	2.4	.8								3.2	7.2
WNW	.8	1.6	1.2	.4								3.6	6.6
NW	.8	.4		.4								1.6	4.0
NNW		.8										1.2	4.7
VARBL													
CALM												2.8	
	10.1	36.7	35.1	11.7	.4							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 245

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION [illegible] JACKSONVILLE, FLORIDA STATION NAME [illegible] YEARS MAY MONTH

ALL WEATHER CLASS 16 HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.2		.4								2.	[illegible]
NNE		[illegible]	.8	.8								2.4	[illegible]
NE	.4	2.	[illegible]	2.								[illegible]	[illegible]
ENE	.4	2.8	2.	1.6								7.7	7.9
E	.	[illegible]	10.1	1.2	.4							12.1	[illegible]
ESE		[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	.8	[illegible]	[illegible]	1.2								3.9	7.3
SSE			1.2	.4		.8						2.	12.4
S	.8	1.2	[illegible]	1.2								6.	[illegible]
SSW	.8	.4	.8	.4								2.	7.0
SW		1.2	.4	1.2	.4		.4					4.	11.5
WSW	.4	.4	[illegible]	[illegible]								6.1	[illegible]
W	.8	2.	[illegible]	.8								7.7	7.3
WNW	1.2	2.8	1.2									4.	4.8
NW	.8	.8	.8									1.2	[illegible]
NNW		.4	.4									1.2	[illegible]
VARBL													
CALM												.4	
	.4	20.6	44.	11.5	.8	.4	.4					100.	[illegible]

TOTAL NUMBER OF OBSERVATIONS 248

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	JACKSONVILLE, FLORIDA	[illegible]	MAY

CLASS: ALL WEATHER

HOURS (L S T): 17

CONDITION:

SPEED (KNTS) DIR.	1 - 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.[illegible]	[illegible].8
NNE		•	•	•								2.4	[illegible].7
NE	.4	.4	2.[illegible]	.6								3.[illegible]	7.4
ENE	•	•	1.[illegible]	.4								6.[illegible]	[illegible].6
E	•	[illegible].[illegible]	11.1	•								19.[illegible]	[illegible].[illegible]
ESE	1.2	[illegible].1	[illegible].[illegible]	•								17.5	[illegible].4
SE	•	2.[illegible]	[illegible]	1.3	.4							13.1	[illegible].[illegible]
SSE	•	•	2.[illegible]	.4								4.[illegible]	7.7
S	.6	[illegible].3	2.[illegible]	1.6	.3							[illegible].[illegible]	[illegible].7
SSW		1.	•									2.4	[illegible].[illegible]
SW	•	•	2.[illegible]	.4								4.4	[illegible].[illegible]
WSW	1.[illegible]	•	[illegible].[illegible]	.6								[illegible].[illegible]	[illegible].[illegible]
W	1.[illegible]	4.	1.[illegible]	.4								[illegible].[illegible]	[illegible].4
WNW	.[illegible]	2.		.4								2.[illegible]	[illegible].4
NW		•	.[illegible]	.4								1.[illegible]	[illegible].7
NNW		•	.[illegible]									•	[illegible].[illegible]
VARBL													
CALM												•	
	11.[illegible]	35.5	43.1	[illegible].[illegible]	1.2							1[illegible].[illegible]	6.8

TOTAL NUMBER OF OBSERVATIONS: 24[illegible]

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] JACKSONVILLE, FLORIDA [illegible] MAY
STATION STATION NAME YEARS MONTH

ALL WEATHER 00
CLASS HOURS (L S T

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.6	.4									.9	5.0
NNE	.4	.4	1.3									2.0	5.6
NE	1.2	2.4	.8	.4								4.8	5.7
ENE	.8	2.0	.8									3.6	4.9
E	.8	2.8	1.2									4.8	4.7
ESE	2.0	3.2	2.0									7.2	4.7
SE	.8	3.9	4.0									8.7	5.1
SSE	.4	5.6	5.7	.4								12.1	7.2
S	.8	5.3	6.7	.4								13.2	7.0
SSW	1.2	2.4	1.2	.4								5.2	5.9
SW	2.0	2.0	.8	.4								5.2	4.4
WSW	1.2	.8	.8	.4								3.2	4.4
W	1.2	1.2	1.2									3.6	5.2
WNW	.4	.4		.4								1.2	5.3
NW		.8										.8	4.0
NNW		.4										.4	4.5
VARBL													
CALM												1.2	
	14.5	44.8	34.7	3.2								100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 248

SMOS

FM 4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | JACKSONVILLE, FLORIDA | YEARS | MAY MONTH

ALL WEATHE CLASS | ALL HOURS (L S T

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.6	1.6	.4								3.2	6.4
NNE	.6	1.0	1.7	.7	.1							3.2	7.7
NE	.8	1.6	1.6	.6	.1							4.1	6.3
ENE	1.2	2.4	1.1	.4								4.1	5.5
E	1.6	3.7	3.7	.4	.1							9.7	7.1
ESE	1.7	3.6	2.7	.7								8.7	6.3
SE	1.6	2.8	2.1	.6	.1							7.2	6.8
SSE	1.3	1.6	2.3	.6	.1	.1						5.1	6.6
S	1.6	4.1	4.7	.9	.2							10.7	6.3
SSW	1.1	2.7	1.3	.4								5.5	5.8
SW	1.4	2.4	1.7	.4	.1		.1					6.1	6.3
WSW	.6	1.3	2.0	.7	.1							4.8	6.5
W	.8	4.4	2.1	.4								8.7	5.5
WNW	.8	1.7	.8	.2								2.6	4.9
NW	.6	.8	.8	.2								1.4	5.4
NNW	.2	.3	.4	.2								1.2	6.5
VARBL													
CALM												2.5	
	19.5	34.4	32.7	7.3	.5	.1	.1					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 1984

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH

ALL WEATHER
CLASS

HOURS (L S T

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | JACKSONVILLE, FLORIDA | YEARS | MONTH

CLASS | HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.2	1.	.2								2.	.2
NNE	.1		1.1	.4								1.	.7
NE		.1	.1	.4								1.2	7.2
ENE	.1	1.2	.4									.1	5.5
E	1.2	4.2	.4									6.	4.3
ESE	.1	.4										2.	3.5
SE	.4	3.5	.1									3.2	.7
SSE		.1	.4									1.	.5
S	2.	2.	2.1	.4								7.	.6
SSW	3.	5.	.4									9.	4.1
SW	7.	5.	1.2									13.4	5.3
WSW	.1	4.7	.1									13.	7.4
W	.4	2.	.1									.1	3.1
WNW	4.	1.4										5.	3.9
NW	1.2	1.2	.4									3.	5.5
NNW	.1	1.2	.4	.4								2.	5.2
VARBL													
CALM												.2	
	31.7	34.4	11.2	2.2								1	4.2

TOTAL NUMBER OF OBSERVATIONS 2

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T)

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____ L S T

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH

CLASS ALL CLASS HOURS (L S T) ALL

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	1.[illegible]	[illegible]	[illegible]	.1							.4	[illegible]
NNE	[illegible]	1.1	1.[illegible]	[illegible]	.1							4.[illegible]	7.[illegible]
NE	[illegible]	1.[illegible]	1.[illegible]	1.1	.[illegible]							4.[illegible]	7.4
ENE	1.[illegible]	1.[illegible]	1.[illegible]	.[illegible]								2.1	[illegible]
E	[illegible]	[illegible]	[illegible]	.7								1.0	[illegible]
ESE	[illegible]	[illegible]	[illegible]	.4								7.	[illegible]
SE	[illegible]	[illegible]	1.[illegible]	.1	.1							[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]	.1							[illegible]	[illegible]
S	[illegible]	4.[illegible]	[illegible]	.4								4.1	[illegible]
SSW	1.[illegible]	[illegible]	1.[illegible]	[illegible]								[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	.4								1.[illegible]	[illegible]
WSW	[illegible]	[illegible]	1.[illegible]									[illegible]	4.7
W	[illegible]	[illegible]	1.[illegible]	[illegible]								[illegible]	4.7
WNW	[illegible]	1.[illegible]	[illegible]	.1								[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	4.7
NNW	[illegible]	1.[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	.4

TOTAL NUMBER OF OBSERVATIONS 1[illegible]2

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S T

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

B
4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L.S.T.) _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS - L S T _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, N.C.

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L.S.T.) _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____ L.S.T.

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____ L.S.T.

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____ L S T

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L.S.T.) _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____ L S T

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS L.S.T. _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, N.C.

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____ L.S.T.

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L.S.T.) _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____ L.S.T.

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____ S.T.

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

SURFACE WINDS

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

STATION STATION NAME YEARS MONTH

CLASS HOURS L S T

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T)

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T)

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS L S T _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L.S.T.) _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____ L.S.T.

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

SURFACE WINDS

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

STATION STATION NAME YEARS MONTH

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													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SMOS

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS

4

SURFACE WINDS

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

STATION STATION NAME YEARS

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	%
N												
NNE												
NE												
ENE												
E												
ESE												
SE												
SSE												
S												
SSW												
SW												
WSW												
W												
WNW												
NW												
NNW												
VARBL												
CALM												

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS L.S.T.

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

10
4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L.S.T.) _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____ S T

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____ L S T

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS L S T _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS L S T _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T)

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

SURFACE WINDS

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

STATION STATION NAME YEARS MONTH

CLASS HOURS L.S.T.

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

SURFACE WINDS

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

STATION STATION NAME YEARS

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	
N												
NNE												
NE												
ENE												
E												
ESE												
SE												
SSE												
S												
SSW												
SW												
WSW												
W												
WNW												
NW												
NNW												
VARBL												
CALM												

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____ L.S.T.

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL METEOROLOGY AND OCEANOGRAPHY COMMAND ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L.S.T.) _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NOCD, Federal Building
Asheville, N. C.

PART D CEILING VERSUS VISIBILITY

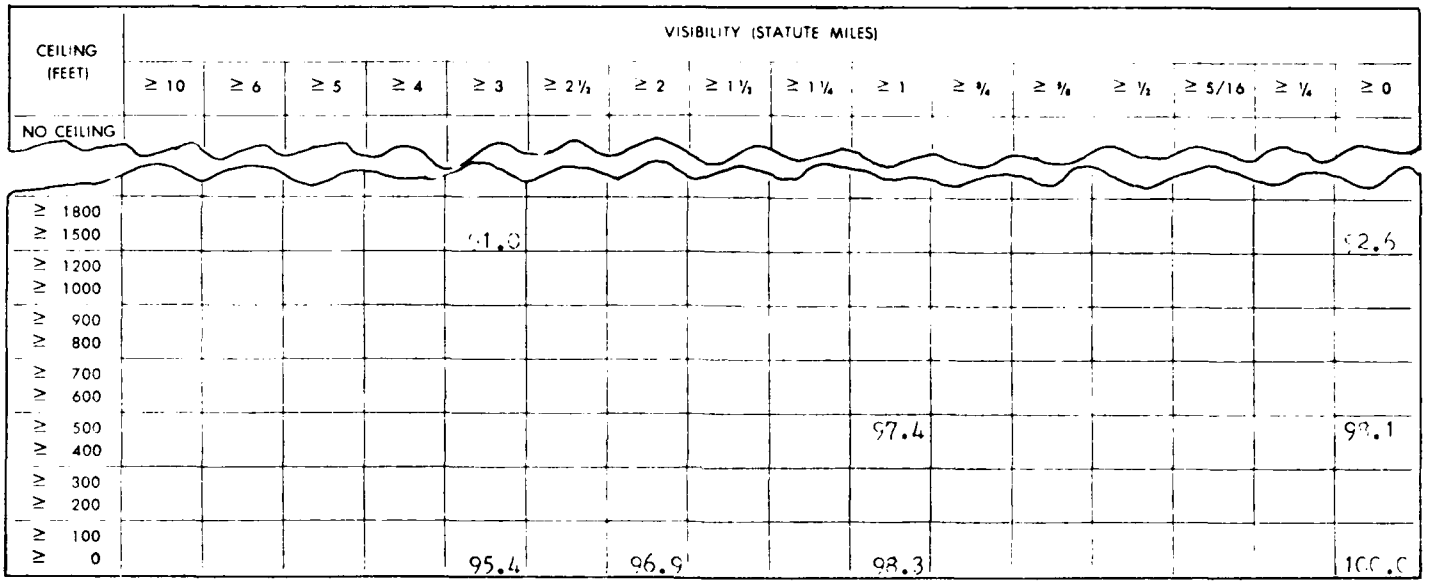
This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from 3-hourly observations, and 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.

Beginning in July 1948 for Air Force stations and January 1949 for NWS and U.S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION



CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 1800 ≥ 1500					91.0											92.6
≥ 1200 ≥ 1000																
≥ 900 ≥ 800																
≥ 700 ≥ 600																
≥ 500 ≥ 400										97.4						98.1
≥ 300 ≥ 200																
≥ 100 ≥ 0					95.4		96.9			98.3						100.0

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

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

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

PART D

ADDITIONAL EXAMPLES

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

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

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

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

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

PART D SKY COVER

This summary is prepared from 3-hourly observations and is a percentage frequency distribution of total sky cover and total number of observations. It is presented in two tables as follows:

1. By month and annual - all hours and all years combined.

2. By month - by standard 3-hour groups.

NOTE: #1: Sky cover (total cloud amount) was not reported by U.S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: #2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

OKTAS	TENTHS
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

NOTE: #3: Beginning in 1981 the symbols of Clear, Scattered, Broken, Overcast, and Obscured were used as input for the Total Sky Cover. Following are the conversions:

Clear converted to 0/10
Scattered converted to 3/10
Broken converted to 9/10
Overcast converted to 10/10
Obscured converted to 10/10

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

DIFOAVOCEANVEET 9005

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH | HOURS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 0
NO CEILING															
≥ 20000															
AVAL 18000															
AVAL 16000															
AVAL 14000															
AVAL 12000															
AVAL 10000															
AVAL 9000															
AVAL 8000															
AVAL 7000															
AVAL 6000															
AVAL 5000															
AVAL 4500															
AVAL 4000															
AVAL 3500															
AVAL 3000															
AVAL 2500															
AVAL 2000															
AVAL 1800															
AVAL 1500															
AVAL 1200															
AVAL 1000															
AVAL 900															
AVAL 800															
AVAL 700															
AVAL 600															
AVAL 500															
AVAL 400															
AVAL 300															
AVAL 200															
AVAL 100															
AVAL 0															

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ ¼	≥ 5/16	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0	
NO CEILING															
≥ 20000															
≥ 18000															
≥ 16000															
≥ 14000															
≥ 12000															
≥ 10000															
≥ 9000															
≥ 8000															
≥ 7000															
≥ 6000															
≥ 5000															
≥ 4500															
≥ 4000															
≥ 3500															
≥ 3000															
≥ 2500															
≥ 2000															
≥ 1800															
≥ 1500															
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500															
≥ 400															
≥ 300															
≥ 200															
≥ 100															
0															

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	< ¼	
NO CEILING															
≥ 20000															
< 20000 ≥ 18000															
< 18000 ≥ 16000															
< 16000 ≥ 14000															
< 14000 ≥ 12000															
< 12000 ≥ 10000															
< 10000 ≥ 9000															
< 9000 ≥ 8000															
< 8000 ≥ 7000															
< 7000 ≥ 6000															
< 6000 ≥ 5000															
< 5000 ≥ 4500															
< 4500 ≥ 4000															
< 4000 ≥ 3500															
< 3500 ≥ 3000															
< 3000 ≥ 2500															
< 2500 ≥ 2000															
< 2000 ≥ 1800															
< 1800 ≥ 1500															
< 1500 ≥ 1200															
< 1200 ≥ 1000															
< 1000 ≥ 900															
< 900 ≥ 800															
< 800 ≥ 700															
< 700 ≥ 600															
< 600 ≥ 500															
< 500 ≥ 400															
< 400 ≥ 300															
< 300 ≥ 200															
< 200 ≥ 100															
< 100 ≥ 0															

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 0
NO CEILING															
≥ 20000															
≥ 18000															
≥ 16000															
≥ 14000															
≥ 12000															
≥ 10000															
≥ 9000															
≥ 8000															
≥ 7000															
≥ 6000															
≥ 5000															
≥ 4500															
≥ 4000															
≥ 3500															
≥ 3000															
≥ 2500															
≥ 2000															
≥ 1800															
≥ 1500															
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500															
≥ 400															
≥ 300															
≥ 200															
≥ 100															
> 0															

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ 0
NO CEILING															
≥ 20000															
≥ 18000															
≥ 16000															
≥ 14000															
≥ 12000															
≥ 10000															
≥ 9000															
≥ 8000															
≥ 7000															
≥ 6000															
≥ 5000															
≥ 4500															
≥ 4000															
≥ 3500															
≥ 3000															
≥ 2500															
≥ 2000															
≥ 1800															
≥ 1500															
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500															
≥ 400															
≥ 300															
≥ 200															
≥ 100															
≥ 0															

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING															
≥ 20000															
≥ 18000															
≥ 16000															
≥ 14000															
≥ 12000															
≥ 10000															
≥ 9000															
≥ 8000															
≥ 7000															
≥ 6000															
≥ 5000															
≥ 4500															
≥ 4000															
≥ 3500															
≥ 3000															
≥ 2500															
≥ 2000															
≥ 1800															
≥ 1500															
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500															
≥ 400															
≥ 300															
≥ 200															
≥ 100															
0															

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

HOURS L.S.T.

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

*TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ .	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

DEPARTMENT OF THE NAVY

NAVAL WEATHER SERVICE FACILITY

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS OBS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

DIPMAVOCEANSCI [illegible]

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH | HOURS L.S.T.

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 0
NO CEILING															
≥ 20000															
≥ 18000															
≥ 16000															
≥ 14000															
≥ 12000															
≥ 10000															
≥ 9000															
≥ 8000															
≥ 7000															
≥ 6000															
≥ 5000															
≥ 4500															
≥ 4000															
≥ 3500															
≥ 3000															
≥ 2500															
≥ 2000															
≥ 1800															
≥ 1500															
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500															
≥ 400															
≥ 300															
≥ 200															
≥ 100															
≥ 0															

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	< ¼
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 0	
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	< ¼
NO CEILING															
≥ 20000															
≥ 18000															
≥ 16000															
≥ 14000															
≥ 12000															
≥ 10000															
≥ 9000															
≥ 8000															
≥ 7000															
≥ 6000															
≥ 5000															
≥ 4500															
≥ 4000															
≥ 3500															
≥ 3000															
≥ 2500															
≥ 2000															
≥ 1800															
≥ 1600															
≥ 1400															
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500															
≥ 400															
≥ 300															
≥ 200															
≥ 100															
≥ 0															

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

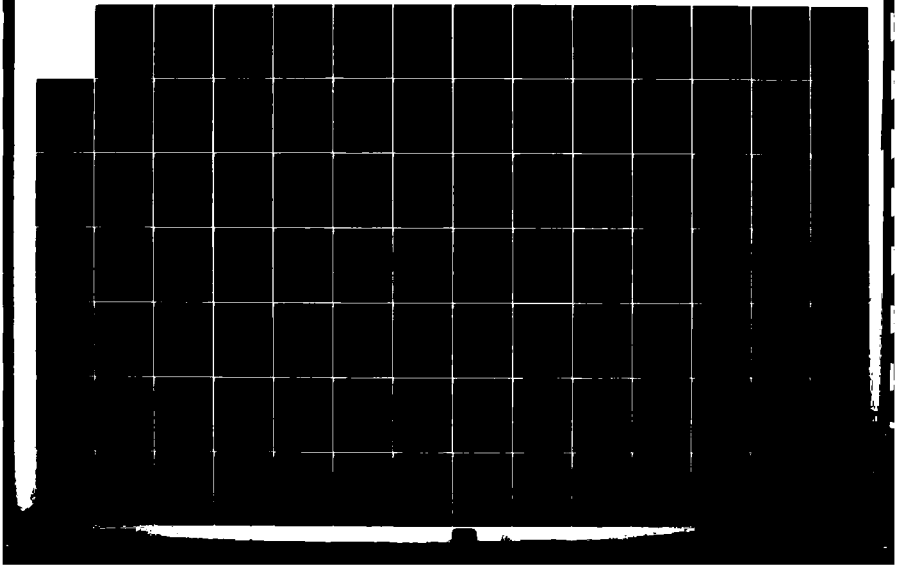
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

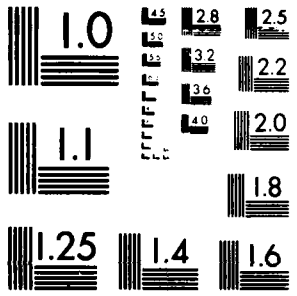
CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	< ¼	
NO CEILING															
≥ 20000															
≥ 18000															
≥ 16000															
≥ 14000															
≥ 12000															
≥ 10000															
≥ 9000															
≥ 8000															
≥ 7000															
≥ 6000															
≥ 5000															
≥ 4500															
≥ 4000															
≥ 3500															
≥ 3000															
≥ 2500															
≥ 2000															
≥ 1800															
≥ 1500															
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500															
≥ 400															
≥ 300															
≥ 200															
≥ 100															
≥ 0															

TOTAL NUMBER OF OBSERVATIONS

AD A150 380 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) 34
JACKSONVILLE FLORIDA(U) NAVAL OCEANOGRAPHY COMMAND
DETACHMENT ASHEVILLE NC NOV 83

UNCLASSIFIED F/G 4/2 NL





MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963 A

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS L S T

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
18000																
16000																
14000																
12000																
10000																
9000																
8000																
7000																
6000																
5000																
4500																
4000																
3500																
3000																
2500																
2000																
1800																
1500																
1200																
1000																
900																
800																
700																
600																
500																
400																
300																
200																
100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L.S.T.) _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

4

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
18000																
16000																
14000																
12000																
10000																
9000																
8000																
7000																
6000																
5000																
4500																
4000																
3500																
3000																
2500																
2000																
1800																
1500																
1200																
1000																
900																
800																
700																
600																
500																
400																
300																
200																
100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

4

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
AND 18000																
AND 16000																
AND 14000																
AND 12000																
AND 10000																
AND 9000																
AND 8000																
AND 7000																
AND 6000																
AND 5000																
AND 4500																
AND 4000																
AND 3500																
AND 3000																
AND 2500																
AND 2000																
AND 1800																
AND 1500																
AND 1200																
AND 1000																
AND 900																
AND 800																
AND 700																
AND 600																
AND 500																
AND 400																
AND 300																
AND 200																
AND 100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

DIPNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

4

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS _____

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
AND < 18000																
AND ≥ 16000																
AND < 14000																
AND ≥ 12000																
AND < 10000																
AND ≥ 9000																
AND < 8000																
AND ≥ 7000																
AND < 6000																
AND ≥ 5000																
AND < 4500																
AND ≥ 4000																
AND < 3500																
AND ≥ 3000																
AND < 2500																
AND ≥ 2000																
AND < 1800																
AND ≥ 1500																
AND < 1200																
AND ≥ 1000																
AND < 900																
AND ≥ 800																
AND < 700																
AND ≥ 600																
AND < 500																
AND ≥ 400																
AND < 300																
AND ≥ 200																
AND < 100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET 3/105

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS _____ L S T

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 3/16	≥ 0
NO CEILING															
≥ 20000															
≥ 18000															
≥ 16000															
≥ 14000															
≥ 12000															
≥ 10000															
≥ 9000															
≥ 8000															
≥ 7000															
≥ 6000															
≥ 5000															
≥ 4500															
≥ 4000															
≥ 3500															
≥ 3000															
≥ 2500															
≥ 2000															
≥ 1800															
≥ 1500															
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500															
≥ 400															
≥ 300															
≥ 200															
≥ 100															
0															

TOTAL NUMBER OF OBSERVATIONS _____

DIPNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS L.S.T.

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

OPNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ADMIRALTY, N.Z.

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 0
NO CEILING															
≥ 20000															
≥ 18000															
≥ 16000															
≥ 14000															
≥ 12000															
≥ 10000															
≥ 9000															
≥ 8000															
≥ 7000															
≥ 6000															
≥ 5000															
≥ 4500															
≥ 4000															
≥ 3500															
≥ 3000															
≥ 2500															
≥ 2000															
≥ 1800															
≥ 1500															
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500															
≥ 400															
≥ 300															
≥ 200															
≥ 100															
0															

TOTAL NUMBER OF OBSERVATIONS _____

DMNAVFACENGCOM ET - 0605

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS

SUPERSEDES ACCEPT 3705

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS _____ S T

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DUPLAVOIDABLE SHEET

NAVAL WEATHER SERVICE DETACHMENT [illegible]

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS _____ L.S.T.

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET [illegible] 3/MOS

4

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1⅝	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

DIPNAVOCEANMET 5605

4

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
18000																
16000																
14000																
12000																
10000																
9000																
8000																
7000																
6000																
5000																
4500																
4000																
3500																
3000																
2500																
2000																
1800																
1500																
1200																
1000																
900																
800																
700																
600																
500																
400																
300																
200																
100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

4

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

DIPNAVOCEANMET SMOS

4

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
18000																
16000																
14000																
12000																
10000																
9000																
8000																
7000																
6000																
5000																
4500																
4000																
3500																
3000																
2500																
2000																
1800																
1500																
1200																
1000																
900																
800																
700																
600																
500																
400																
300																
200																
100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

4

NAVAL WEATHER SERVICE DETACHMENT, AIR STATION, NO.

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS L.S.T.

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
18000																
16000																
14000																
12000																
10000																
9000																
8000																
7000																
6000																
5000																
4500																
4000																
3500																
3000																
2500																
2000																
1800																
1500																
1200																
1000																
900																
800																
700																
600																
500																
400																
300																
200																
100																
0																

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SM-25

4

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | NORTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS L.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000 ≥ 16000																
≥ 14000 ≥ 12000																
≥ 10000 ≥ 9000																
≥ 8000 ≥ 7000																
≥ 6000 ≥ 5000																
≥ 4500 ≥ 4000																
≥ 3500 ≥ 3000																
≥ 2500 ≥ 2000																
≥ 1800 ≥ 1500																
≥ 1200 ≥ 1000																
≥ 900 ≥ 800																
≥ 700 ≥ 600																
≥ 500 ≥ 400																
≥ 300 ≥ 200																
≥ 100 ≥ 0																

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

4

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 0
NO CEILING															
≥ 20000															
≥ 18000															
≥ 16000															
≥ 14000															
≥ 12000															
≥ 10000															
≥ 9000															
≥ 8000															
≥ 7000															
≥ 6000															
≥ 5000															
≥ 4500															
≥ 4000															
≥ 3500															
≥ 3000															
≥ 2500															
≥ 2000															
≥ 1800															
≥ 1500															
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500															
≥ 400															
≥ 300															
≥ 200															
≥ 100															
≥ 0															

TOTAL NUMBER OF OBSERVATIONS _____

DIPNAVOCEANSYSCEN 5605

4

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS _____ LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

4

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, N.C.

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS L.S.T.

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, N.C.

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, [illegible]

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRECTOR OF METEOROLOGY [illegible]

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000 ≥ 16000																
≥ 14000 ≥ 12000																
≥ 10000 ≥ 9000																
≥ 8000 ≥ 7000																
≥ 6000 ≥ 5000																
≥ 4500 ≥ 4000																
≥ 3500 ≥ 3000																
≥ 2500 ≥ 2000																
≥ 1800 ≥ 1500																
≥ 1200 ≥ 1000																
≥ 900 ≥ 800																
≥ 700 ≥ 600																
≥ 500 ≥ 400																
≥ 300 ≥ 200																
≥ 100 ≥ 0																

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET 3305

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS

DRNAVOCEANSMET 3305/5

4

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ 0
NO CEILING															
≥ 20000															
≥ 18000															
≥ 16000															
≥ 14000															
≥ 12000															
≥ 10000															
≥ 9000															
≥ 8000															
≥ 7000															
≥ 6000															
≥ 5000															
≥ 4500															
≥ 4000															
≥ 3500															
≥ 3000															
≥ 2500															
≥ 2000															
≥ 1800															
≥ 1500															
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500															
≥ 400															
≥ 300															
≥ 200															
≥ 100															
≥ 0															

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANSYSLANT 5605

4

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS

DIFNAVOCEANMET 3/OS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

HOURS L.S.T.

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ 0
NO CEILING															
≥ 20000															
≥ 18000															
≥ 16000															
≥ 14000															
≥ 12000															
≥ 10000															
≥ 9000															
≥ 8000															
≥ 7000															
≥ 6000															
≥ 5000															
≥ 4500															
≥ 4000															
≥ 3500															
≥ 3000															
≥ 2500															
≥ 2000															
≥ 1800															
≥ 1500															
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500															
≥ 400															
≥ 300															
≥ 200															
≥ 100															
≥ 0															

TOTAL NUMBER OF OBSERVATIONS

CHECKED BY DATE SHEET SHEETS

4

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, N.C.

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ .	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

4

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ 0
NO CEILING															
≥ 20000															
≥ 18000															
≥ 16000															
≥ 14000															
≥ 12000															
≥ 10000															
≥ 9000															
≥ 8000															
≥ 7000															
≥ 6000															
≥ 5000															
≥ 4500															
≥ 4000															
≥ 3500															
≥ 3000															
≥ 2500															
≥ 2000															
≥ 1800															
≥ 1500															
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500															
≥ 400															
≥ 300															
≥ 200															
≥ 100															
0															

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS L.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
18000																
16000																
14000																
12000																
10000																
9000																
8000																
7000																
6000																
5000																
4500																
4000																
3500																
3000																
2500																
2000																
1800																
1500																
1200																
1000																
900																
800																
700																
600																
500																
400																
300																
200																
100																
0																

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

4

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 0
NO CEILING															
≥ 20000															
≥ 18000															
≥ 16000															
≥ 14000															
≥ 12000															
≥ 10000															
≥ 9000															
≥ 8000															
≥ 7000															
≥ 6000															
≥ 5000															
≥ 4500															
≥ 4000															
≥ 3500															
≥ 3000															
≥ 2500															
≥ 2000															
≥ 1800															
≥ 1500															
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500															
≥ 400															
≥ 300															
≥ 200															
≥ 100															
0															

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

4

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
3500																
3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS

DEPARTMENT OF COMMERCE

4

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ 0
NO CEILING															
≥ 20000															
≥ 18000															
≥ 16000															
≥ 14000															
≥ 12000															
≥ 10000															
≥ 9000															
≥ 8000															
≥ 7000															
≥ 6000															
≥ 5000															
≥ 4500															
≥ 4000															
≥ 3500															
≥ 3000															
≥ 2500															
≥ 2000															
≥ 1800															
≥ 1500															
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500															
≥ 400															
≥ 300															
≥ 200															
≥ 100															
≥ 0															

TOTAL NUMBER OF OBSERVATIONS

DMA 10 OCT A/SEET 9005

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, N.C.

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ 0
NO CEILING															
≥ 20000															
≥ 18000															
≥ 16000															
≥ 14000															
≥ 12000															
≥ 10000															
≥ 9000															
≥ 8000															
≥ 7000															
≥ 6000															
≥ 5000															
≥ 4500															
≥ 4000															
≥ 3500															
≥ 3000															
≥ 2500															
≥ 2000															
≥ 1800															
≥ 1500															
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500															
≥ 400															
≥ 300															
≥ 200															
≥ 100															
0															

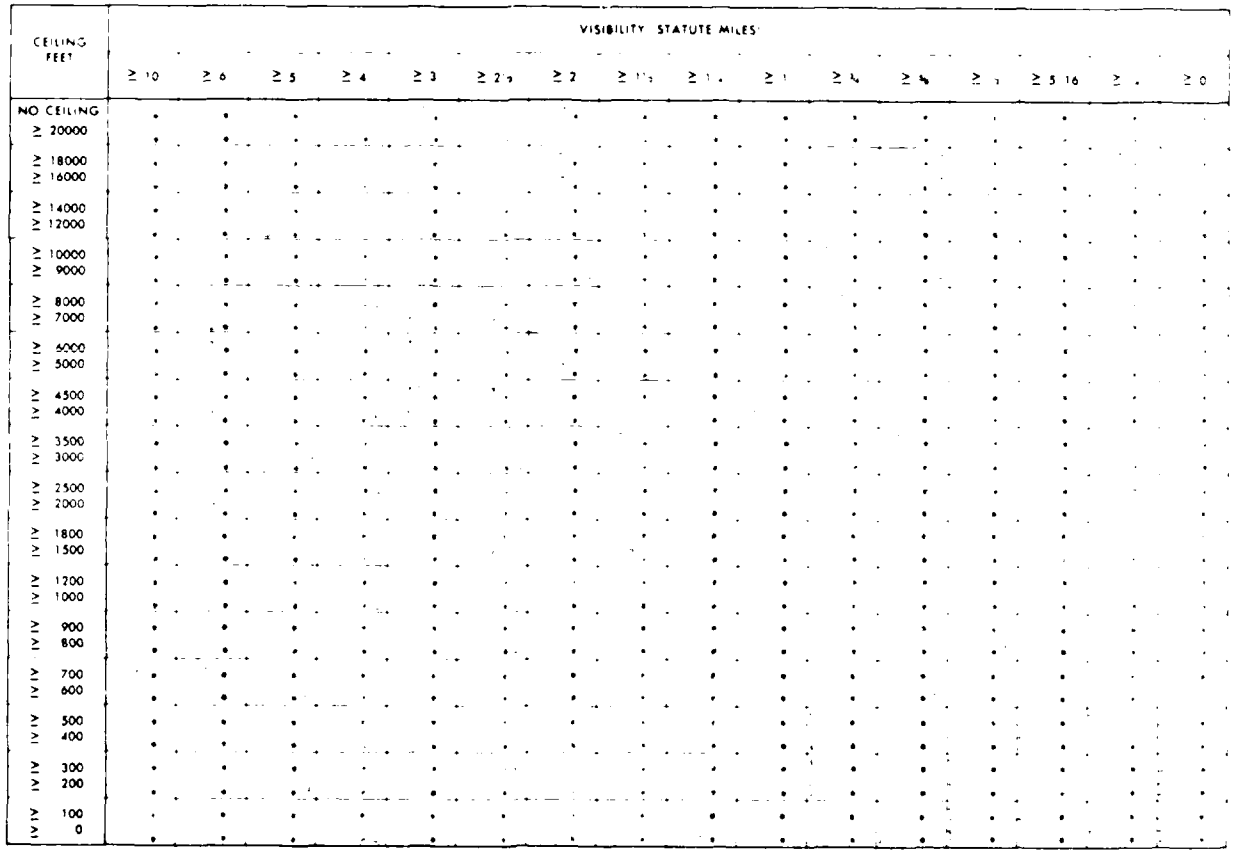
TOTAL NUMBER OF OBSERVATIONS

DIPOLAR OCEANVET SMOS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)



TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	
NO CEILING															
≥ 20000															
≥ 18000															
≥ 16000															
≥ 14000															
≥ 12000															
≥ 10000															
≥ 9000															
≥ 8000															
≥ 7000															
≥ 6000															
≥ 5000															
≥ 4500															
≥ 4000															
≥ 3500															
≥ 3000															
≥ 2500															
≥ 2000															
≥ 1800															
≥ 1500															
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500															
≥ 400															
≥ 300															
≥ 200															
≥ 100															
≥ 0															

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

HOURS L.S.T.

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS

DIPNAV/CEANSET

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS

DMNAVOCEANSYST 5/80S

4

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS

DIPNAVOCEANMET SMOS

4

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
18000																
16000																
14000																
12000																
10000																
9000																
8000																
7000																
6000																
5000																
4500																
4000																
3500																
3000																
2500																
2000																
1800																
1500																
1200																
1000																
900																
800																
700																
600																
500																
400																
300																
200																
100																
0																

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, N.C.

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS L.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS

DIPNAVOCEANMET SNOS

NAVAIR WEATHER SERVICE DETACHMENT, NAVAL AIR STATION

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
AVAI 18000																
AVAI 16000																
AVAI 14000																
AVAI 12000																
AVAI 10000																
AVAI 9000																
AVAI 8000																
AVAI 7000																
AVAI 6000																
AVAI 5000																
AVAI 4500																
AVAI 4000																
AVAI 3500																
AVAI 3000																
AVAI 2500																
AVAI 2000																
AVAI 1800																
AVAI 1500																
AVAI 1200																
AVAI 1000																
AVAI 900																
AVAI 800																
AVAI 700																
AVAI 600																
AVAI 500																
AVAI 400																
AVAI 300																
AVAI 200																
AVAI 100																
AVAI 0																

TOTAL NUMBER OF OBSERVATIONS

DIRS/AVOCEANMET SMOS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	< ¼
NO CEILING													
≥ 20000													
≥ 18000													
≥ 16000													
≥ 14000													
≥ 12000													
≥ 10000													
≥ 9000													
≥ 8000													
≥ 7000													
≥ 6000													
≥ 5000													
≥ 4500													
≥ 4000													
≥ 3500													
≥ 3000													
≥ 2500													
≥ 2000													
≥ 1800													
≥ 1500													
≥ 1200													
≥ 1000													
≥ 900													
≥ 800													
≥ 700													
≥ 600													
≥ 500													
≥ 400													
≥ 300													
≥ 200													
≥ 100													
≥ 0													

TOTAL NUMBER OF OBSERVATIONS

DIPNAVOCEANCOMFAC 3C-15

4

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS L.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS

DIPNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS L.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ .	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS

DIPNAVOCEANCOMFAC [illegible]

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, N.C.

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

NAVAVOCEANMET 3705/5

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	<
NO CEILING															
≥ 20000															
≥ 18000															
≥ 16000															
≥ 14000															
≥ 12000															
≥ 10000															
≥ 9000															
≥ 8000															
≥ 7000															
≥ 6000															
≥ 5000															
≥ 4500															
≥ 4000															
≥ 3500															
≥ 3000															
≥ 2500															
≥ 2000															
≥ 1800															
≥ 1500															
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500															
≥ 400															
≥ 300															
≥ 200															
≥ 100															
0															

TOTAL NUMBER OF OBSERVATIONS

FAIRWAY (CEASSCET) 10/35

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ⅛	< ⅛
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	< ¼
NO CEILING														
≥ 20000														
≥ 18000														
≥ 16000														
≥ 14000														
≥ 12000														
≥ 10000														
≥ 9000														
≥ 8000														
≥ 7000														
≥ 6000														
≥ 5000														
≥ 4500														
≥ 4000														
≥ 3500														
≥ 3000														
≥ 2500														
≥ 2000														
≥ 1800														
≥ 1500														
≥ 1200														
≥ 1000														
≥ 900														
≥ 800														
≥ 700														
≥ 600														
≥ 500														
≥ 400														
≥ 300														
≥ 200														
≥ 100														
0														

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, AIRFIELD, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
18000																
16000																
14000																
12000																
10000																
9000																
8000																
7000																
6000																
5000																
4500																
4000																
3500																
3000																
2500																
2000																
1800																
1500																
1200																
1000																
900																
800																
700																
600																
500																
400																
300																
200																
100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

CNSAVOCEANVET 3110/5

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
18000																
16000																
14000																
12000																
10000																
9000																
8000																
7000																
6000																
5000																
4500																
4000																
3500																
3000																
2500																
2000																
1800																
1500																
1200																
1000																
900																
800																
700																
600																
500																
400																
300																
200																
100																
0																

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	< ¼
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET 5105

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS

DIPNAVOCEANSVCFT SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, N.C.

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS

[illegible]

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS _____ L.S.T.

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	> ¾	≥ ½	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
AVAL 18000																
AVAL 16000																
AVAL 14000																
AVAL 12000																
AVAL 10000																
AVAL 9000																
AVAL 8000																
AVAL 7000																
AVAL 6000																
AVAL 5000																
AVAL 4500																
AVAL 4000																
AVAL 3500																
AVAL 3000																
AVAL 2500																
AVAL 2000																
AVAL 1800																
AVAL 1500																
AVAL 1200																
AVAL 1000																
AVAL 900																
AVAL 800																
AVAL 700																
AVAL 600																
AVAL 500																
AVAL 400																
AVAL 300																
AVAL 200																
AVAL 100																
AVAL 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, N.C.

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS L.S.T.

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ 0
NO CEILING															
≥ 20000															
≥ 18000															
≥ 16000															
≥ 14000															
≥ 12000															
≥ 10000															
≥ 9000															
≥ 8000															
≥ 7000															
≥ 6000															
≥ 5000															
≥ 4500															
≥ 4000															
≥ 3500															
≥ 3000															
≥ 2500															
≥ 2000															
≥ 1800															
≥ 1500															
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500															
≥ 400															
≥ 300															
≥ 200															
≥ 100															
0															

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET 9500S

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 0
NO CEILING															
≥ 20000															
≥ 18000															
≥ 16000															
≥ 14000															
≥ 12000															
≥ 10000															
≥ 9000															
≥ 8000															
≥ 7000															
≥ 6000															
≥ 5000															
≥ 4500															
≥ 4000															
≥ 3500															
≥ 3000															
≥ 2500															
≥ 2000															
≥ 1800															
≥ 1500															
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500															
≥ 400															
≥ 300															
≥ 200															
≥ 100															
0															

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS

DMA AVIOCEANFOR FT 80-15

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

HOURS L.S.T.

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING															
≥ 20000															
≥ 18000															
≥ 16000															
≥ 14000															
≥ 12000															
≥ 10000															
≥ 9000															
≥ 8000															
≥ 7000															
≥ 6000															
≥ 5000															
≥ 4500															
≥ 4000															
≥ 3500															
≥ 3000															
≥ 2500															
≥ 2000															
≥ 1800															
≥ 1500															
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500															
≥ 400															
≥ 300															
≥ 200															
≥ 100															
≥ 0															

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 0
NO CEILING															
≥ 20000															
≥ 8000															
≥ 6000															
≥ 4500															
≥ 4000															
≥ 3500															
≥ 3000															
≥ 2500															
≥ 2000															
≥ 1800															
≥ 1600															
≥ 1400															
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500															
≥ 450															
≥ 400															
≥ 350															
≥ 300															
≥ 250															
≥ 200															
≥ 175															
≥ 150															
≥ 100															
≥ 0															

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0
NO CEILING														
≥ 20000														
≥ 18000														
≥ 16000														
≥ 14000														
≥ 12000														
≥ 10000														
≥ 9000														
≥ 8000														
≥ 7000														
≥ 6000														
≥ 5000														
≥ 4500														
≥ 4000														
≥ 3500														
≥ 3000														
≥ 2500														
≥ 2000														
≥ 1800														
≥ 1500														
≥ 1200														
≥ 1000														
≥ 900														
≥ 800														
≥ 700														
≥ 600														
≥ 500														
≥ 400														
≥ 300														
≥ 200														
≥ 100														
≥ 0														

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS L.S.T.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
AVAI 18000																
AVAI 16000																
AVAI 14000																
AVAI 12000																
AVAI 10000																
AVAI 9000																
AVAI 8000																
AVAI 7000																
AVAI 6000																
AVAI 5000																
AVAI 4500																
AVAI 4000																
AVAI 3500																
AVAI 3000																
AVAI 2500																
AVAI 2000																
AVAI 1800																
AVAI 1500																
AVAI 1200																
AVAI 1000																
AVAI 900																
AVAI 800																
AVAI 700																
AVAI 600																
AVAI 500																
AVAI 400																
AVAI 300																
AVAI 200																
AVAI 100																
AVAI 0																

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ⅛	≥ 0
NO CEILING																
≥ 20000																
AND ≥ 18000																
AND ≥ 16000																
AND ≥ 14000																
AND ≥ 12000																
AND ≥ 10000																
AND ≥ 9000																
AND ≥ 8000																
AND ≥ 7000																
AND ≥ 6000																
AND ≥ 5000																
AND ≥ 4500																
AND ≥ 4000																
AND ≥ 3500																
AND ≥ 3000																
AND ≥ 2500																
AND ≥ 2000																
AND ≥ 1800																
AND ≥ 1500																
AND ≥ 1200																
AND ≥ 1000																
AND ≥ 900																
AND ≥ 800																
AND ≥ 700																
AND ≥ 600																
AND ≥ 500																
AND ≥ 400																
AND ≥ 300																
AND ≥ 200																
AND ≥ 100																
AND ≥ 0																

TOTAL NUMBER OF OBSERVATIONS

CEILING IN HUNDREDS OF FEET

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

HOURS L.S.T.

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

HOURS L.S.T.

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING															
≥ 20000															
AND 18000															
AND 16000															
AND 14000															
AND 12000															
AND 10000															
AND 9000															
AND 8000															
AND 7000															
AND 6000															
AND 5000															
AND 4500															
AND 4000															
AND 3500															
AND 3000															
AND 2500															
AND 2000															
AND 1800															
AND 1500															
AND 1200															
AND 1000															
AND 900															
AND 800															
AND 700															
AND 600															
AND 500															
AND 400															
AND 300															
AND 200															
AND 100															
AND 0															

TOTAL NUMBER OF OBSERVATIONS

DMA AVOCA FORM 8705

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, N.C.

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

DIPPAVICEA/SEET

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, N.C.

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS L.S.T.

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET 3105/3

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

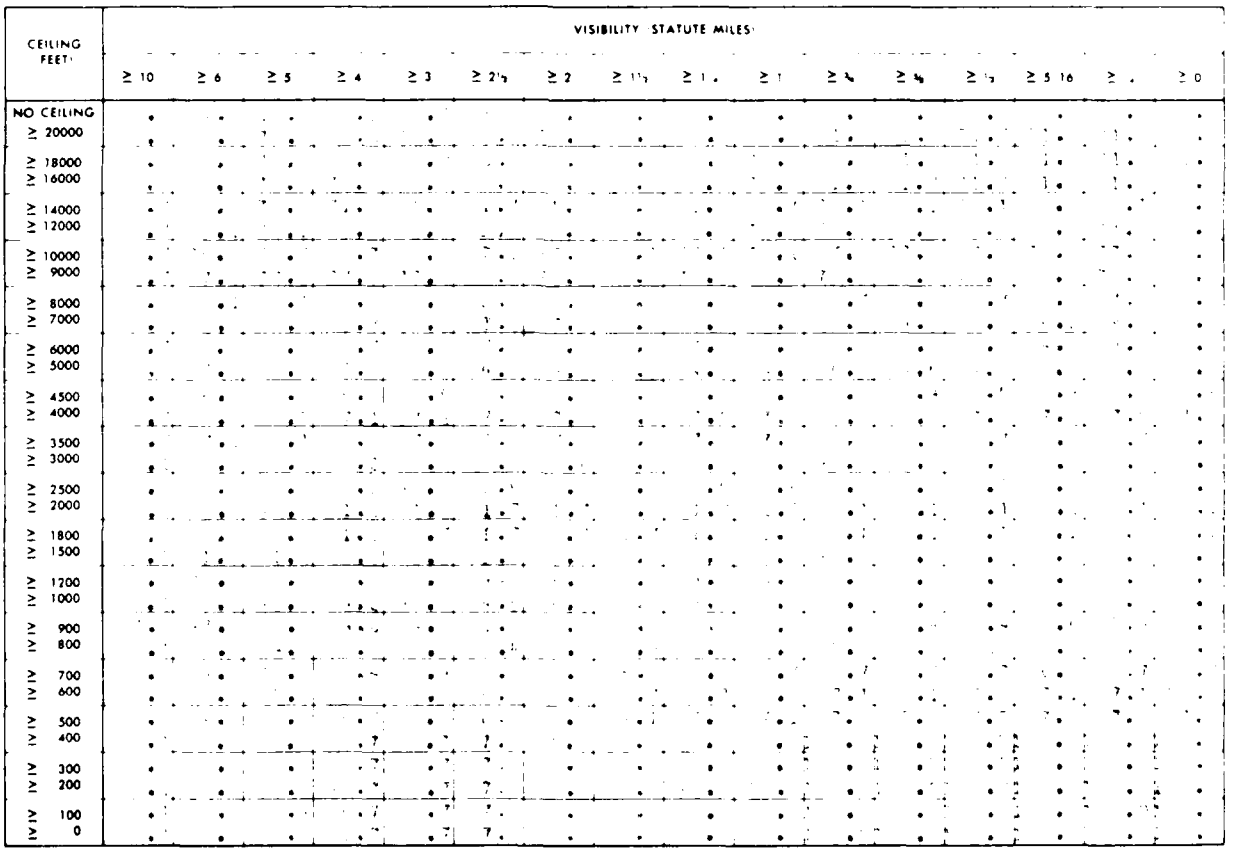
CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)



TOTAL NUMBER OF OBSERVATIONS

DIPOLAR OCEANNET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, [illegible]

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

[illegible]

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	< 5/16
NO CEILING															
≥ 20000															
≥ 18000															
≥ 16000															
≥ 14000															
≥ 12000															
≥ 10000															
≥ 9000															
≥ 8000															
≥ 7000															
≥ 6000															
≥ 5000															
≥ 4500															
≥ 4000															
≥ 3500															
≥ 3000															
≥ 2500															
≥ 2000															
≥ 1800															
≥ 1500															
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500															
≥ 400															
≥ 300															
≥ 200															
≥ 100															
≥ 0															

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	< ¼
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	< 5/16
NO CEILING															
≥ 20000															
< 20000 ≥ 18000															
< 18000 ≥ 16000															
< 16000 ≥ 14000															
< 14000 ≥ 12000															
< 12000 ≥ 10000															
< 10000 ≥ 9000															
< 9000 ≥ 8000															
< 8000 ≥ 7000															
< 7000 ≥ 6000															
< 6000 ≥ 5000															
< 5000 ≥ 4500															
< 4500 ≥ 4000															
< 4000 ≥ 3500															
< 3500 ≥ 3000															
< 3000 ≥ 2500															
< 2500 ≥ 2000															
< 2000 ≥ 1800															
< 1800 ≥ 1500															
< 1500 ≥ 1200															
< 1200 ≥ 1000															
< 1000 ≥ 900															
< 900 ≥ 800															
< 800 ≥ 700															
< 700 ≥ 600															
< 600 ≥ 500															
< 500 ≥ 400															
< 400 ≥ 300															
< 300 ≥ 200															
< 200 ≥ 100															
< 100 ≥ 0															

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0	
NO CEILING															
≥ 20000															
≥ 18000															
≥ 16000															
≥ 14000															
≥ 12000															
≥ 10000															
≥ 9000															
≥ 8000															
≥ 7000															
≥ 6000															
≥ 5000															
≥ 4500															
≥ 4000															
≥ 3500															
≥ 3000															
≥ 2500															
≥ 2000															
≥ 1800															
≥ 1500															
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500															
≥ 400															
≥ 300															
≥ 200															
≥ 100															
≥ 0															

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

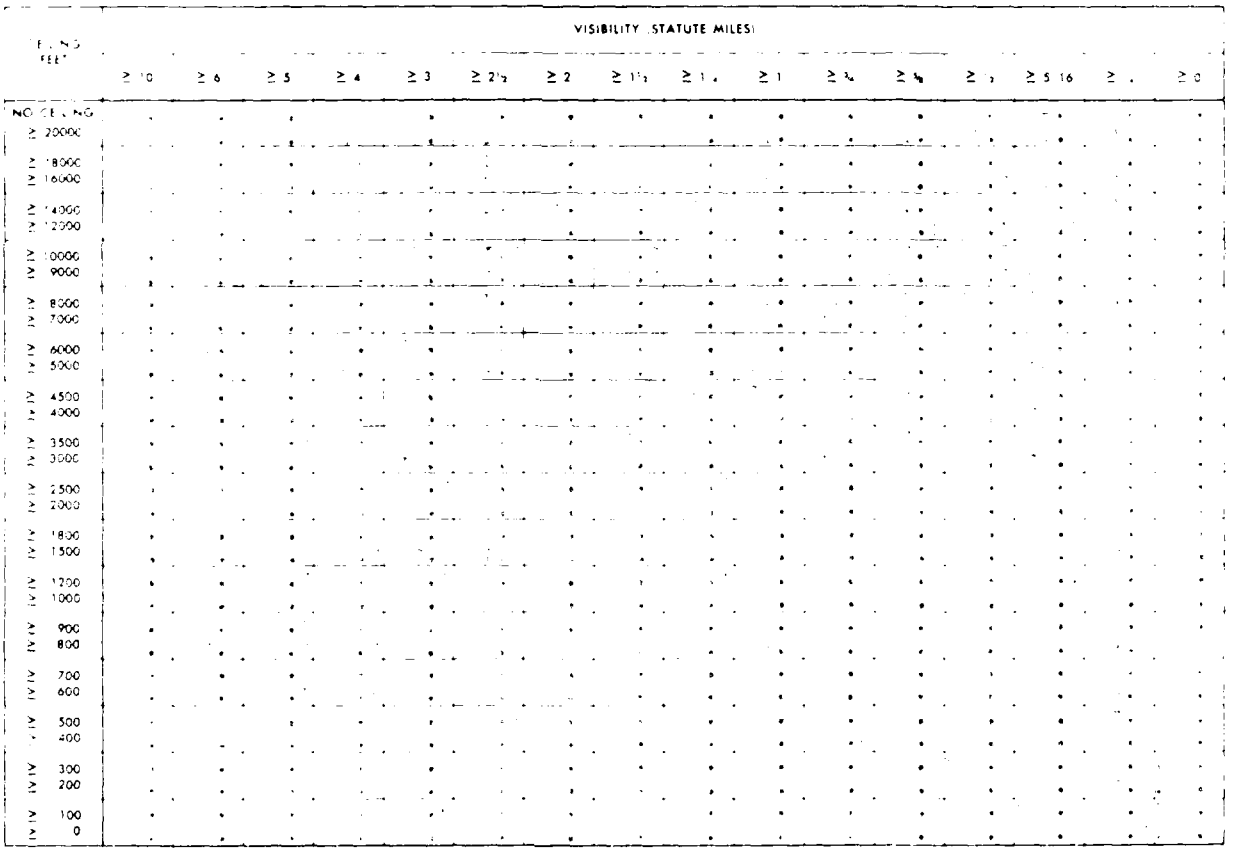
CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 0
NO CEILING															
≥ 20000															
≥ 18000															
≥ 16000															
≥ 14000															
≥ 12000															
≥ 10000															
≥ 9000															
≥ 8000															
≥ 7000															
≥ 6000															
≥ 5000															
≥ 4500															
≥ 4000															
≥ 3500															
≥ 3000															
≥ 2500															
≥ 2000															
≥ 1800															
≥ 1500															
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500															
≥ 400															
≥ 300															
≥ 200															
≥ 100															
≥ 0															

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)



TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
900 AND UP																
800 AND UP																
700 AND UP																
600 AND UP																
500 AND UP																
400 AND UP																
300 AND UP																
200 AND UP																
100 AND UP																
0																

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ATHENS, GREECE

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS L.S.T.

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
≥ 2500																
≥ 2000																
≥ 1800																
≥ 1500																
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, N. C.

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ⅛	≥ 0
NO CEILING																
≥ 20000																
AVAI 18000																
AVAI 16000																
AVAI 14000																
AVAI 12000																
AVAI 10000																
AVAI 9000																
AVAI 8000																
AVAI 7000																
AVAI 6000																
AVAI 5000																
AVAI 4500																
AVAI 4000																
AVAI 3500																
AVAI 3000																
AVAI 2500																
AVAI 2000																
AVAI 1800																
AVAI 1500																
AVAI 1200																
AVAI 1000																
AVAI 900																
AVAI 800																
AVAI 700																
AVAI 600																
AVAI 500																
AVAI 400																
AVAI 300																
AVAI 200																
AVAI 100																
AVAI 0																

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING															
≥ 20000															
≥ 18000															
≥ 16000															
≥ 14000															
≥ 12000															
≥ 10000															
≥ 9000															
≥ 8000															
≥ 7000															
≥ 6000															
≥ 5000															
≥ 4500															
≥ 4000															
≥ 3500															
≥ 3000															
≥ 2500															
≥ 2000															
≥ 1800															
≥ 1500															
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500															
≥ 400															
≥ 300															
≥ 200															
≥ 100															
0															

TOTAL NUMBER OF OBSERVATIONS

DIPMAVOUCEANTEF [illegible]

4

SKY COVER

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		
TOTALS														

SKY COVER

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		
TOTALS														

NAVWEASERVCOM

4

SKY COVER

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		
TOTALS														

NAVWEASERVCOM

SKY COVER

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		
TOTALS														

NAVWEASERVCOM

4

SKY COVER

STATION STATION NAME PERIOD MINS

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		
TOTALS														

NAVWEASERVCOM

4

SKY COVER

STATION NAME

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	NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		

NAVWEASERV.COM

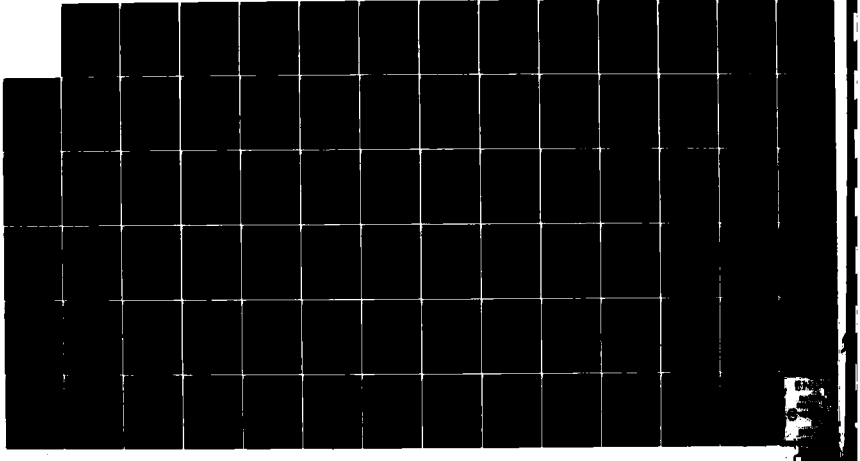
SKY COVER

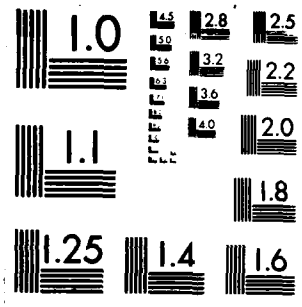
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

	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		
TOTAL													

AD A150 380 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) 4/4
JACKSONVILLE FLORIDA(U) NAVAL OCEANOGRAPHY COMMAND
DETACHMENT ASHEVILLE NC NOV 83

UNCLASSIFIED F/G 4/2 NL





MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963 A

4

SKY COVER

STATION [illegible] STATION NAME JACKSONVILLE, FLORIDA PERIOD 73-[illegible] MONTH [illegible]

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		
[illegible]	[illegible]	34.[illegible]			36.7						19.1	10.[illegible]	[illegible].8	[illegible]
	[illegible]	37.1			40.3						20.2	6.8	[illegible].7	[illegible]
	[illegible]	22.2			39.1						33.1	5.6	4.7	[illegible]
	1	15.[illegible]			32.7						44.4	7.2	5.7	[illegible]
	1[illegible]	11.7			[illegible].[illegible]						49.6	12.1	[illegible].3	248
	1[illegible]	17.7			2[illegible].[illegible]						41.[illegible]	20.[illegible]	[illegible].4	[illegible]
	[illegible]	14.[illegible]			[illegible]1.[illegible]						39.7	25.[illegible]	[illegible].7	[illegible]
	[illegible]	2[illegible].			33.[illegible]						24.2	[illegible].2	[illegible].1	[illegible]
TOTALS		[illegible].[illegible]			[illegible].4						33.7	13.6	[illegible].3	[illegible]

NAVWEASERVCOM

4

SKY COVER

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		
		23.0			17.0						20.0	19.6	6.9	2[illegible]
		27.0			[illegible].0						19.6	12.5	6.2	2[illegible]
		17.5			37.1						20.8	15.0	6.4	2[illegible]
		1[illegible].2			3[illegible].4						35.2	15.4	5.6	2[illegible]
	1	15.4			1[illegible].7						43.7	20.2	6.9	2[illegible]
	1	17.5			.2						3[illegible].2	28.7	7.6	2[illegible]
	1	13.			32.9						36.4	32.9	7.7	2[illegible]
	1	27.7			27.2						25.4	22.2	6.5	2[illegible]
TOTALS		1[illegible].4			29.2						30.6	20.5	6.7	1920

NAVWEASERVCOM

SKY COVER

STATION [illegible] STATION NAME JACKSONVILLE, FLORIDA PERIOD [illegible] 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		
[illegible]	01	47.2			24.2						16.9	11.7	5.4	248
	[illegible]	41.1			27.8						14.1	16.9	5.8	248
	7	26.5			31.0						23.0	18.5	6.9	248
	[illegible]	31.0			27.4						22.2	19.5	6.7	248
	1	29.0			24.1						34.3	18.5	6.7	248
	[illegible]	27.0			23.0						23.4	19.4	6.1	248
	1	31.7			22.6						20.2	21.0	6.6	248
	[illegible]	46.0			21.4						14.9	16.9	5.7	248
TOTALS		37.4			26.7						21.3	17.7	6.5	1984

NAVWEASERVCOM

SKY COVER

STATION	STATION NAME	PERIOD	MONTH
[illegible]37	JACKSONVILLE, FLORIDA	73-[illegible]	NOV

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		
NOV	01	41.7			19.2						14.6	24.6	4.3	240
	04	34.2			21.7						15.4	23.8	4.4	240
	7	28.3			24.3						21.7	23.8	5.2	240
	1	31.7			22.1						23.3	22.5	5.0	240
	13	27.1			27.4						31.7	30.0	5.5	240
	16	24.6			24.2						25.8	25.4	5.6	240
	19	35.8			22.5						20.8	21.3	4.7	240
	22	39.6			22.9						15.8	21.7	4.3	240
TOTALS		37.1			22.7						21.1	22.9	4.9	1920

NAVWEASERVCOM

SKY COVER

STATION: [illegible] JACKSONVILLE, FLORI A — STATION NAME — PERIOD: [illegible] — MONTH: DEC

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	01	3[illegible].7			2[illegible].4						13.7	29.0	4.9	248
	04	35.5			17.3						11.7	35.5	7.1	248
	07	27.[illegible]			21.[illegible]						13.[illegible]	35.5	5.9	248
	10	27.8			20.2						16.9	35.1	[illegible].6	248
	13	2[illegible].4			21.4						21.8	31.[illegible]	6.7	248
	16	22.2			22.[illegible]						24.2	30.6	[illegible].9	248
	19	3[illegible].7			[illegible]1.0						16.9	29.8	5.1	248
	22	37.[illegible]			[illegible]1.0						12.9	28.7	4.6	248
TOTALS		[illegible].7			2[illegible].8						17.1	31.9	6.3	1984

NAVWEASERVCOM

SKY COVER

STATION	STATION NAME	PERIOD	MONTH
[illegible]	JACKSONVILLE, FLORIDA	[illegible]	ALL

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	[illegible]			[illegible]						19.4	32.6	5.6	[illegible]
FEB		32.4			17.8						16.0	26.7	4.8	[illegible]
MAR		[illegible]			[illegible]						31.1	26.2	[illegible]	[illegible]
APR		[illegible]			[illegible]						[illegible]	18.1	4.5	[illegible]
MAY		[illegible]			[illegible]						24.5	20.7	[illegible]	[illegible]
JUN		[illegible]			[illegible]						30.5	20.0	[illegible]	[illegible]
JUL		[illegible]			[illegible]						31.9	18.9	[illegible]	[illegible]
AUG		[illegible]			[illegible]						33.7	19.6	[illegible]	[illegible]
SEP		[illegible]			[illegible]						30.6	20.8	[illegible]	[illegible]
OCT		34.4			26.7						21.3	17.7	4.5	[illegible]
NOV		[illegible]			22.7						21.1	22.9	4.9	1920
DEC		[illegible]			20.8						17.1	31.9	[illegible]	1984
TOTALS		[illegible]			[illegible]						24.2	22.6	5.2	23376

NAVWEASERVCOM

NOCD, Federal Building
Asheville, N. C.

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentation follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:

   a. Daily maximum temperature
   b. Daily minimum temperature
   c. Daily mean temperature

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

   a. Extreme maximum temperature
   b. Extreme minimum temperature

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

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

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

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

b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means ($\bar{X}$), and standard deviations (σx). The number of observations used in the computations for each element is also shown.

c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month.

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

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:

a. Dry-bulb temperature
b. Wet-bulb temperature
c. Dew-point temperature

5. Cumulative 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.

6. Percentage frequency of occurrence of dry-bulb temperature versus wind direction - This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The main body of the summary consists of dry-bulb temperatures spread vertically in four degree increments and horizontally by eight wind directions (plus calm).

DAILY TEMPERATURES

STATION _____ STATION NAME _____ YEARS _____

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

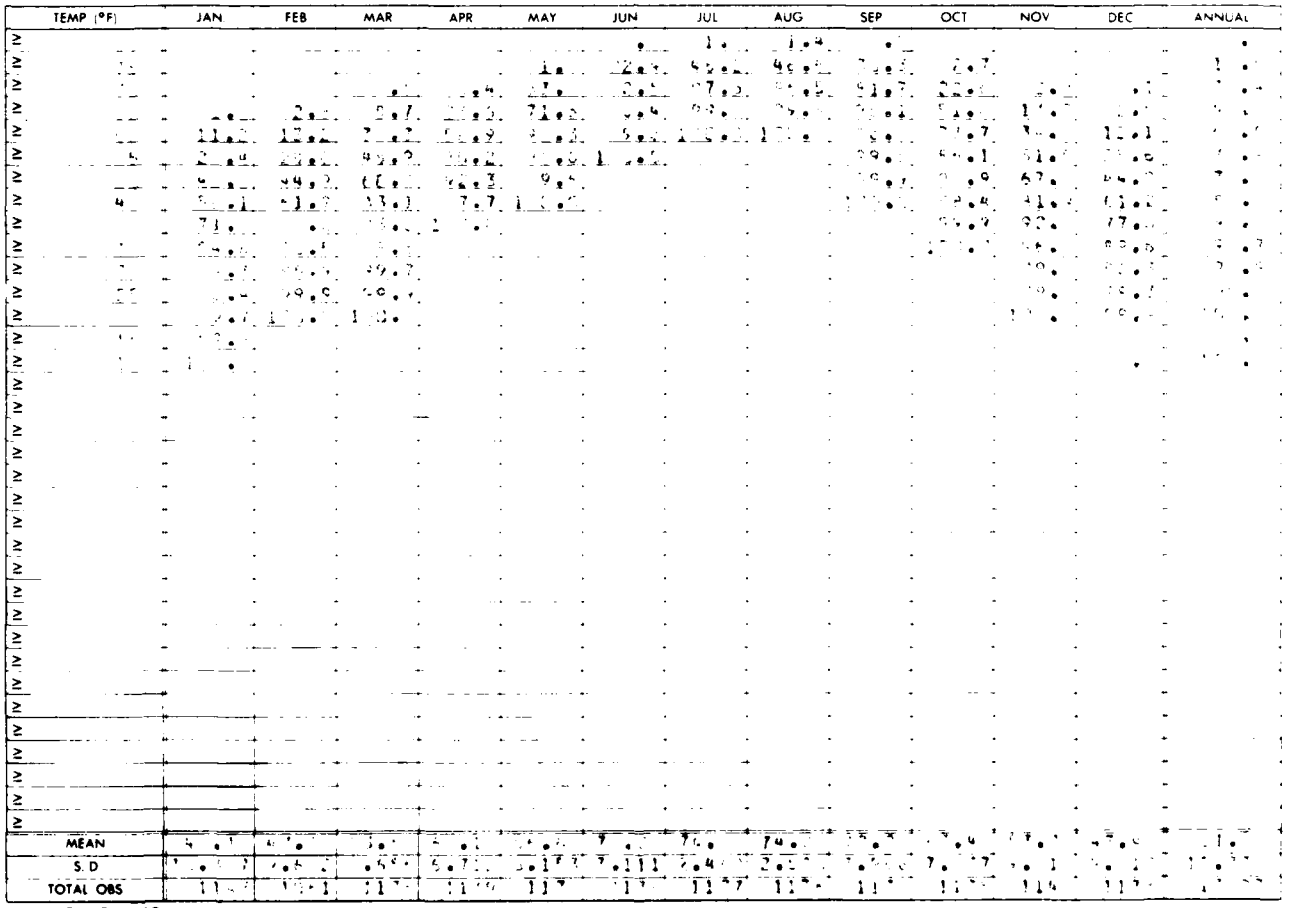
TEMP (°F)	JAN.	FEB.	MAR	APR.	MAY	JUN.	JUL.	AUG	SEP	OCT	NOV	DEC	ANNUAL
MEAN													
S.D.													
TOTAL OBS.													

NAVWEASERVCOM

DAILY TEMPERATURES

STATION _____ STATION NAME _____ YEARS _____

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

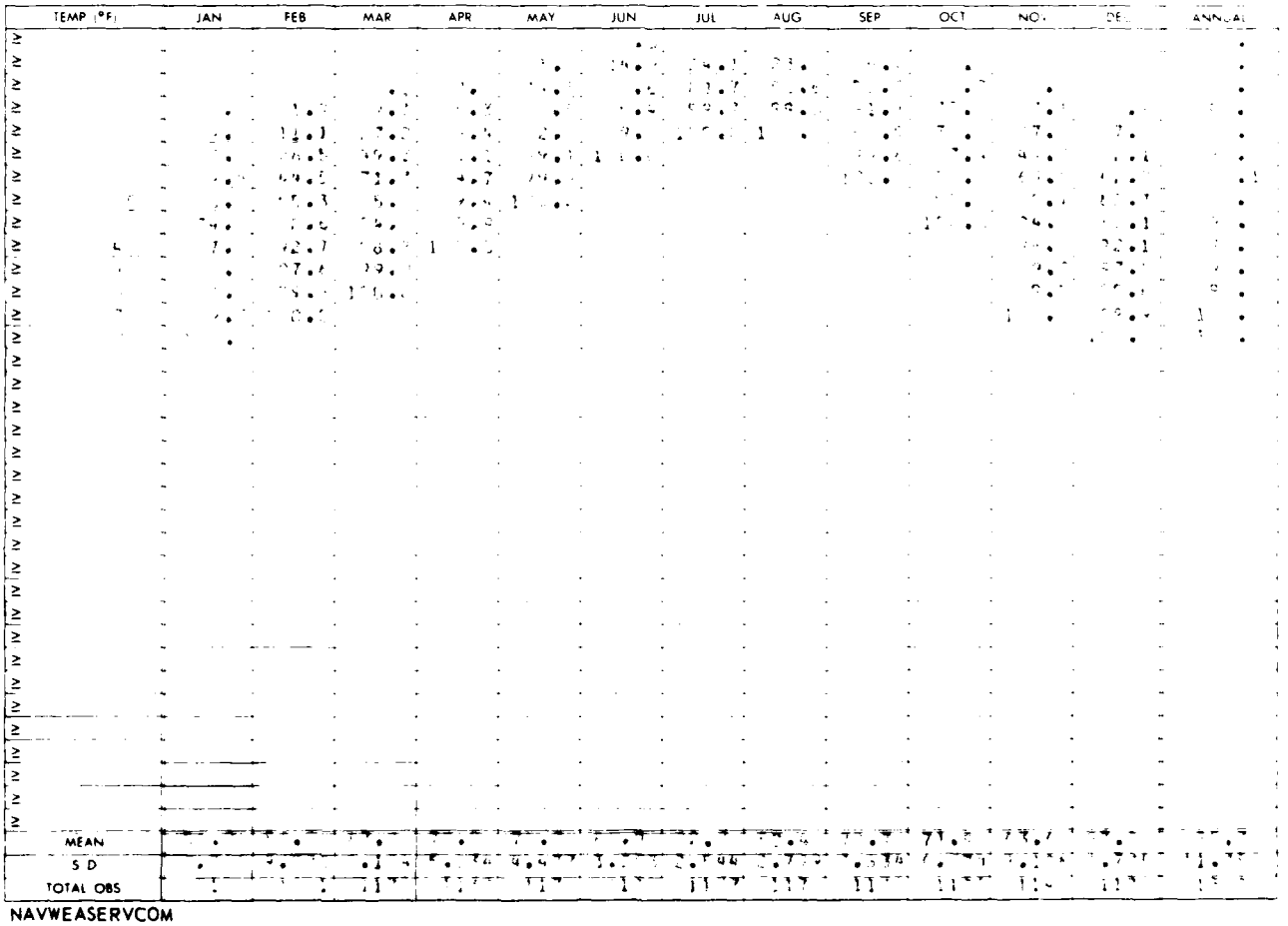


NAVWEASERVCOM

DAILY TEMPERATURES

STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)



NAVWEASERVCOM

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

[illegible] , FL [illegible] A | [illegible] | [illegible]

STATION NAME | YEARS | MONTH

DAY	MEAN TEMP AVERAGE		MAXIMUM TEMP AVERAGE		MAXIMUM TEMP EXTREME			MINIMUM TEMP AVERAGE		MINIMUM TEMP EXTREME		
	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	[illegible]	14.3	[illegible]	18.3	5[illegible]	[illegible]	1977*	46.[illegible]	7.1	[illegible]	-2.[illegible]	[illegible]
2	[illegible]	13.2	[illegible]	14.4	8[illegible]	[illegible]	1947	46.[illegible]	7.7	[illegible]	-1.[illegible]	[illegible]
3	[illegible]	13.6	6[illegible]	12.9	8[illegible]	[illegible]	1977*	46.[illegible]	[illegible]	[illegible]	-2.[illegible]	[illegible]
4	[illegible]	13.[illegible]	[illegible]5.3	13.1	8[illegible]	[illegible]	1973	46.[illegible]	7.[illegible]	[illegible]	-1.[illegible]	[illegible]
5	[illegible]	13.7	[illegible]6.4	13.1	8[illegible]	[illegible]	1972	47.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	14.2	[illegible]7.9	13.3	8[illegible]	[illegible]	1973	47.[illegible]	[illegible]	[illegible]	-[illegible]	[illegible]
7	[illegible]	13.7	[illegible]6.7	13.7	8[illegible]	[illegible]	1974*	46.[illegible]	8.1	[illegible]	-[illegible]	[illegible]
8	[illegible]	13.7	[illegible]3.9	17.7	7[illegible]	[illegible]	1946	45.[illegible]	7.7	[illegible]	-[illegible]	[illegible]
9	[illegible]	13.[illegible]	[illegible]4.[illegible]	13.1	8[illegible]	[illegible]	1974	44.4	6.[illegible]	[illegible]	-[illegible]	[illegible]
10	[illegible]	13.7	[illegible]4.[illegible]	17.[illegible]	8[illegible]	[illegible]	1974	45.[illegible]	7.7	[illegible]	-[illegible]	[illegible]
11	[illegible]	12.1	[illegible]3.7	17.1	[illegible]	[illegible]	1974	44.[illegible]	7.1	[illegible]	-[illegible]	[illegible]
12	[illegible]	12.7	[illegible]4.[illegible]	17.[illegible]	5[illegible]	[illegible]	1973	45.[illegible]	7.7	[illegible]	-[illegible]	[illegible]
13	[illegible]	12.[illegible]	[illegible]0.6	18.7	[illegible]	[illegible]	1973	44.[illegible]	7.1	[illegible]	-1.[illegible]	[illegible]
14	[illegible]	13.[illegible]	[illegible]4.[illegible]	18.3	[illegible]	[illegible]	1953	46.[illegible]	7.8	[illegible]	-[illegible]	[illegible]
15	[illegible]	13.2	[illegible]5.4	18.[illegible]	[illegible]	[illegible]	1974*	46.1	7.8	[illegible]	-[illegible]	[illegible]
16	[illegible]	12.[illegible]	[illegible]3.1	16.4	[illegible]	[illegible]	1974	44.4	6.[illegible]	[illegible]	-[illegible]	[illegible]
17	[illegible]	11.[illegible]	[illegible]2.2	17.7	[illegible]	[illegible]	1967	43.[illegible]	6.2	[illegible]	-[illegible]	[illegible]
18	[illegible]	13.6	[illegible]5.4	18.[illegible]	[illegible]	[illegible]	1973*	45.4	7.4	[illegible]	-[illegible]	[illegible]
19	[illegible]	13.[illegible]	[illegible]5.5	18.7	[illegible]	[illegible]	1972*	47.1	8.4	[illegible]	-[illegible]	[illegible]
20	[illegible]	13.4	[illegible]5.5	18.9	[illegible]	[illegible]	1982*	47.[illegible]	8.1	[illegible]	-[illegible]	[illegible]
21	[illegible]	13.1	[illegible]5.3	18.5	8[illegible]	[illegible]	1974	46.[illegible]	7.[illegible]	[illegible]	-[illegible]	[illegible]
22	[illegible]	13.3	[illegible]6.3	19.9	8[illegible]	[illegible]	1974	46.[illegible]	7.7	[illegible]	-[illegible]	[illegible]
23	[illegible]	13.[illegible]	[illegible]6.4	19.1	8[illegible]	[illegible]	1974	46.[illegible]	8.1	[illegible]	-[illegible]	[illegible]
24	[illegible]	13.7	[illegible]6.9	19.4	8[illegible]	[illegible]	1974*	46.3	7.9	[illegible]	-[illegible]	[illegible]
25	[illegible]	13.2	[illegible]5.5	18.6	8[illegible]	[illegible]	1974	46.[illegible]	7.7	[illegible]	-1.[illegible]	[illegible]
26	[illegible]	14.2	[illegible]7.1	19.[illegible]	8[illegible]	[illegible]	1974	47.[illegible]	[illegible]	[illegible]	-1.1	[illegible]
27	[illegible]	14.4	[illegible]7.4	20.2	8[illegible]	[illegible]	1974	47.[illegible]	8.5	[illegible]1	-[illegible]	[illegible]
28	[illegible]	13.7	[illegible]6.3	19.4	8[illegible]	[illegible]	1974	46.5	8.1	[illegible]	-1.[illegible]	[illegible]
29	[illegible]	12.[illegible]	[illegible]4.[illegible]	16.[illegible]	8[illegible]	[illegible]	1[illegible]	45.[illegible]	7.[illegible]	[illegible]	-[illegible]	[illegible]
30	[illegible].7	13.7	[illegible]6.[illegible]	20.2	8[illegible]	[illegible]	1976*	45.[illegible]	7.[illegible]	[illegible]	-[illegible]	[illegible]
31	[illegible].1	13.[illegible]	[illegible]6.9	19.4	8[illegible]	[illegible]	1974*	47.[illegible]	8.[illegible]	[illegible]	-6.7	[illegible]
Monthly	[illegible]	13.3	[illegible]5.7	19.[illegible]	8[illegible]	[illegible]	1974	46.1	7.8	14	-12.[illegible]	1991

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
	JACKSONVILLE, FL [illegible]	1905-1962	FEB [illegible]

DAY	MEAN TEMP AVERAGE °F	°C	MAXIMUM TEMP AVERAGE °F	°C	EXTREME °F	°C	DATE	MINIMUM TEMP AVERAGE °F	°C	EXTREME °F	°C	DATE
1	[illegible]	13.7	[illegible]	19.2	[illegible]	[illegible]	1957	46.5	8.1	[illegible]	-1.7	1958*
2	[illegible]	13.8	[illegible]	18.9	[illegible]	[illegible]	1950	47.8	8.8	[illegible]	-3.6	1951
3	[illegible]	13.2	64.9	18.3	8[illegible]	[illegible]	1974	46.5	8.1	[illegible]	-1.7	1961
4	[illegible]	12.[illegible]	63.9	17.7	8[illegible]	[illegible]	1957	45.5	7.[illegible]	[illegible]	-3.9	1951*
5	[illegible]	13.1	64.9	18.3	8[illegible]	[illegible]	1957	46.4	[illegible]	[illegible]	-5.[illegible]	1947
6	[illegible]	14.5	67.5	19.7	8[illegible]	[illegible]	1957	49.6	9.2	[illegible]	-1.7	1951
7	[illegible]	14.6	67.4	19.7	8[illegible]	[illegible]	1974*	49.[illegible]	9.4	[illegible]	-2.2	1977
8	[illegible]	12.9	[illegible]	18.[illegible]	81	[illegible]	1957	45.5	7.5	[illegible]	-1.1	1971
9	[illegible]	12.8	64.3	18.2	8[illegible]	[illegible]	1962	45.4	7.4	[illegible]	-1.1	1971*
10	[illegible]	13.1	[illegible]	18.[illegible]	8[illegible]	[illegible]	1969*	45.2	7.3	[illegible]	-2.2	1947*
11	[illegible]	13.1	[illegible]	18.9	7[illegible]	[illegible]	1965*	45.1	7.[illegible]	[illegible]	-2.[illegible]	1973
12	[illegible]	[illegible]	[illegible]	19.[illegible]	[illegible]	[illegible]	1965	45.[illegible]	7.[illegible]	[illegible]	-[illegible]	1971
13	[illegible]	14.[illegible]	[illegible]	19.9	[illegible]	[illegible]	1949	46.[illegible]	[illegible]	[illegible]	-2.[illegible]	1958
14	[illegible]	14.2	[illegible]	[illegible]	[illegible]	[illegible]	1959	46.[illegible]	7.9	[illegible]	-1.1	1971*
15	[illegible]	15.2	[illegible]	21.[illegible]	[illegible]	[illegible]	1945	48.[illegible]	[illegible]	[illegible]	1.1	1971
16	[illegible]	15.7	[illegible]	21.2	[illegible]	[illegible]	1965	50.[illegible]	10.[illegible]	[illegible]	[illegible]	1958*
17	[illegible]	14.[illegible]	[illegible]	19.7	[illegible]	[illegible]	1971	49.[illegible]	[illegible]	[illegible]	-3.[illegible]	1958*
18	[illegible]	14.6	[illegible]	19.7	[illegible]	[illegible]	1975	49.1	[illegible]	[illegible]	-4.4	1958
19	[illegible]	15.5	[illegible]	20.7	[illegible]	[illegible]	1975	50.[illegible]	10.[illegible]	[illegible]	-3.9	1958*
20	[illegible]	15.3	[illegible]	20.2	[illegible]	[illegible]	1971	49.[illegible]	[illegible]	[illegible]	-1.1	1971
21	[illegible]	14.9	[illegible]	20.[illegible]	[illegible]	[illegible]	1958	49.4	[illegible]	[illegible]	-1.1	1977
22	[illegible]	14.6	[illegible]	20.4	[illegible]	[illegible]	1962	48.6	[illegible]	[illegible]	-1.7	1973*
23	[illegible]	14.7	67.5	19.7	[illegible]	[illegible]	1962	49.5	[illegible]	[illegible]	-3.3	1973
24	[illegible]	15.2	[illegible]	20.[illegible]	[illegible]	[illegible]	1962	49.4	[illegible]	[illegible]	[illegible]	1973
25	[illegible]	14.[illegible]	[illegible]	20.7	[illegible]	[illegible]	1977	49.[illegible]	[illegible]	[illegible]	-.[illegible]	1967
26	[illegible]	14.7	[illegible]	20.4	[illegible]	[illegible]	1962	48.[illegible]	[illegible]	[illegible]	-2.[illegible]	1967
27	[illegible]	13.1	[illegible]	20.[illegible]	[illegible]	[illegible]	1962*	48.6	[illegible]	[illegible]	-1.1	1958*
28	[illegible]	15.7	71.2	21.[illegible]	[illegible]	[illegible]	1962	49.4	[illegible]	[illegible]	1.7	1973*
29	[illegible]	15.[illegible]	71.2	21.[illegible]	[illegible]	[illegible]	1948	50.1	10.1	[illegible]	2.2	1974
30												
31												
Monthly	[illegible]	14.3	[illegible]	19.8	[illegible]	[illegible]	1962	47.8	[illegible]	[illegible]	-4.4	1958

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
	JACKSONVILLE, FLORIDA	1945-1982	MAY

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	71.2	21.8	82	27.8	91	32.8	1971	61.1	16.2	52	11.1	1967
2	71.1	21.7	82	27.8	91	32.8	1953	60.4	15.8	52	11.1	1953
3	72.5	22.5	83	28.3	91	32.8	1976	60.5	15.8	52	11.1	1965
4	71.7	22.1	83	28.3	91	32.8	1961*	59.1	15.1	50	10.0	1965
5	71.4	21.9	82	27.8	91	32.8	1976	59.1	15.1	52	11.1	1967
6	70.2	21.2	81	27.2	91	32.8	1977	59.1	15.1	51	10.6	1965
7	71.4	21.9	82	27.8	91	32.8	1966	61.0	16.1	53	11.7	1967
8	70.2	21.2	81	27.2	85	29.4	1974*	59.9	15.5	56	13.3	1965
9	69.2	20.7	80	26.7	85	29.4	1974*	58.3	14.6	56	13.3	1965
10	69.0	20.6	80	26.7	85	29.4	1974	49.3	9.6	39	3.9	1957
11	71.4	21.9	82	27.8	91	32.8	1974	59.6	15.3	52	11.1	1967
12	72.2	22.3	83	28.3	91	32.8	1974	60.0	15.6	52	11.1	1967
13	74.3	23.5	91	32.8	91	32.8	1973	57.2	14.0	50	10.0	1965
14	75.4	24.1	88	31.1	91	32.8	1973	55.1	12.8	43	6.1	1951
15	74.7	23.7	88	31.1	91	32.8	1973	54.4	12.4	37	2.8	1951
16	74.2	23.5	88	31.1	91	32.8	1964*	54.5	12.5	34	1.1	1951
17	74.1	23.4	91	32.8	91	32.8	1945	54.5	12.5	39	3.9	1954
18	72.8	22.7	88	31.1	91	32.8	1945	52.1	11.2	37	2.8	1947
19	74.6	23.7	91	32.8	91	32.8	1945	53.4	11.9	38	3.3	1975*
20	75.3	24.1	87	30.6	91	32.8	1977*	55.2	12.9	34	1.1	1975
21	75.4	24.1	88	31.1	91	32.8	1945	55.1	12.8	36	2.2	1951
22	75.3	24.1	88	31.1	91	32.8	1977*	54.5	12.7	35	1.7	1951
23	73.5	23.1	86	30.0	91	32.8	1963*	53.3	11.8	38	3.3	1954
24	73.8	23.2	88	31.1	91	32.8	1952	52.9	11.6	41	5.0	1965
25	76.3	24.6	88	31.1	91	32.8	1975*	55.1	12.8	37	2.8	1966
26	75.2	24.0	91	32.8	91	32.8	1954	55.3	12.9	41	5.0	1965
27	75.1	23.9	87	30.6	91	32.8	1949*	54.5	12.2	37	2.8	1975
28	73.3	23.2	83	28.3	91	32.8	1945	53.9	12.2	33	.6	1955
29	74.0	23.3	88	31.1	91	32.8	1949	54.8	12.7	37	2.8	1955
30	75.7	24.3	86	30.0	91	32.8	1977	57.7	14.3	34	1.1	1955
31	76.9	24.9	87	30.6	91	32.8	1977	58.1	14.5	41	5.0	1955
Monthly	76.8	24.9	88	31.1	91	32.8	1974	58.3	14.6	39	3.9	1955
	73.7	23.2	91	32.8	91	32.8	1974*	53.5	11.9	23	-5.0	1967

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
	JACKSONVILLE, FL [illegible]	1945-1982	APRIL

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP EXTREME DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP EXTREME DATE
1	67.[illegible]	19.9	77.1	25.[illegible]	9[illegible]	32.[illegible]	1974	57.[illegible]	14.3	44	6.7	19[illegible]
2	[illegible]	20.2	78.2	25.7	9[illegible]	32.[illegible]	1977	58.5	14.7	44	7.0	19[illegible]
3	[illegible]	20.1	78.9	26.1	91	32.[illegible]	1945	57.[illegible]	14.2	44	6.7	19[illegible]
4	[illegible]	20.8	79.[illegible]	26.3	9[illegible]	33.[illegible]	1974	59.6	15.[illegible]	4[illegible]	4.4	19[illegible]
5	67.[illegible]	19.4	76.1	24.5	87	30.[illegible]	1974	57.8	14.3	4[illegible]	[illegible].6	19[illegible]
6	[illegible]6.2	19.0	76.1	24.5	8[illegible]	31.[illegible]	1947	56.4	13.6	44	6.7	19[illegible]*
7	66.7	19.3	77.0	25.[illegible]	9[illegible]	32.[illegible]	1947	56.[illegible]	13.[illegible]	4[illegible]	4.4	19[illegible]
8	[illegible].3	20.4	7[illegible].4	26.[illegible]	9[illegible]	32.[illegible]	1973	58.1	14.5	4[illegible]	4.4	1971
9	[illegible].5	20.3	78.5	25.[illegible]	91	32.[illegible]	1978	58.[illegible]	14.9	4[illegible]	7.2	1971
10	67.6	19.8	77.[illegible]	25.[illegible]	8[illegible]	31.[illegible]	1946	58.2	14.6	4[illegible]	6.1	19[illegible]
11	[illegible].[illegible]	20.6	78.0	26.1	8[illegible]	31.1	1962*	60.1	15.6	44	[illegible].7	19[illegible]
12	[illegible].[illegible]	21.2	78.6	26.4	9	32.[illegible]	1965*	60.7	15.9	4[illegible]	[illegible].[illegible]	19[illegible]
13	[illegible].[illegible]	21.1	78.8	26.6	9	32.[illegible]	1974*	60.2	15.7	4[illegible]	[illegible].4	19[illegible]*
14	[illegible].	20.8	78.9	26.1	9[illegible]	33.[illegible]	1972	59.1	15.1	4[illegible]	7.2	19[illegible]
15	[illegible].	[illegible].7	79.3	26.3	9[illegible]	33.[illegible]	1972	59.2	15.1	4[illegible]	6.1	19[illegible]
16	[illegible].[illegible]	[illegible].2	78.1	25.6	9[illegible]	33.[illegible]	1972	58.5	14.7	4[illegible]	7.[illegible]	19[illegible]
17	[illegible].	20.3	79.5	26.4	8[illegible]	31.[illegible]	1977	57.[illegible]	14.[illegible]	4[illegible]	4.4	19[illegible]
18	[illegible].[illegible]	21.1	80.4	26.9	8[illegible]	31.[illegible]	1971*	59.5	15.3	4[illegible]	9.4	19[illegible]
19	[illegible].[illegible]	21.6	80.8	27.1	8[illegible]	31.1	1981*	60.9	16.1	[illegible]	10.0	19[illegible]*
20	[illegible].[illegible]	21.6	80.5	26.9	9[illegible]	33.[illegible]	1972	61.[illegible]	16.[illegible]	[illegible]	10.[illegible]	19[illegible]
21	[illegible].[illegible]	[illegible].[illegible]	[illegible].6	27.[illegible]	9[illegible]	33.[illegible]	1972	61.[illegible]	16.[illegible]	[illegible]	10.[illegible]	19[illegible]
22	[illegible].[illegible]	22.3	[illegible].3	27.9	91	32.[illegible]	1972	62.[illegible]	16.7	47	8.3	19[illegible]
23	[illegible].[illegible]	22.9	[illegible].7	28.2	9[illegible]	32.[illegible]	1980*	63.7	17.6	[illegible]	12.[illegible]	19[illegible]*
24	[illegible].7	23.2	[illegible].4	28.6	9[illegible]	33.[illegible]	1958	64.1	17.8	[illegible]	13.9	1962*
25	[illegible].[illegible]	22.4	[illegible].4	27.4	9[illegible]	33.[illegible]	1958	63.[illegible]	17.4	[illegible]	11.7	196[illegible]
26	[illegible].1	22.3	[illegible].8	27.1	9	32.[illegible]	1945	63.4	17.4	4[illegible]	6.9	1974
27	[illegible].1	22.3	[illegible].9	27.7	8[illegible]	31.[illegible]	1975*	62.5	16.9	44	6.7	1977
28	[illegible].7	22.1	[illegible].8	27.7	9[illegible]	32.[illegible]	1948	61.6	16.4	4[illegible]	7.2	1977
29	[illegible].[illegible]	22.4	[illegible].4	28.[illegible]	9[illegible]	32.[illegible]	1975*	62.3	16.8	49	9.4	198[illegible]*
30	[illegible].1	22.6	[illegible].9	28.[illegible]	9[illegible]	32.[illegible]	1947	63.4	17.4	[illegible]1	10.6	1973
31												
Monthly	[illegible].[illegible]	21.1	79.8	26.6	9[illegible]	33.[illegible]	1972*	60.1	15.6	4[illegible]	4.4	198[illegible]*

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

4

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
	JACKSONVILLE, FL [illegible]	1935-1982	MAY

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	74.0	23.4	83.4	28.6	9[illegible]	33.3	1981	64.9	18.3	54	1[illegible]	19[illegible]
2	73.9	23.3	83.1	28.4	9[illegible]	33.3	1959*	64.7	18.2	5[illegible]	12.[illegible]	1971*
3	74.0	23.3	83.4	28.6	9[illegible]	33.[illegible]	1959*	64.6	18.1	47	8.3	19[illegible]
4	73.1	22.8	82.4	28.0	9[illegible]	34.4	1950	63.[illegible]	17.7	5[illegible]	10.[illegible]	19[illegible]*
5	72.8	22.7	82.8	28.2	9[illegible]	33.[illegible]	1950	62.[illegible]	17.1	5[illegible]	1[illegible].[illegible]	19[illegible]
6	73.6	23.1	83.9	28.8	9[illegible]	32.[illegible]	1963*	63.[illegible]	17.4	53	11.7	19[illegible]*
7	74.4	23.6	83.8	28.8	9[illegible]	34.4	1977	64.9	18.3	53	11.7	19[illegible]
8	74.4	23.6	83.7	28.7	9[illegible]	35.[illegible]	1959	65.[illegible]	18.3	5[illegible]	11.1	19[illegible]
9	75.[illegible]	23.9	84.1	28.9	9[illegible]	34.4	1962	66.[illegible]	18.9	5[illegible]	11.7	196[illegible]
10	74.[illegible]	23.4	83.7	28.7	9[illegible]	34.4	1963	64.8	18.2	5[illegible]	10.6	19[illegible]
11	75.1	23.9	84.4	29.1	9[illegible]	35.6	1973*	65.6	18.8	5[illegible]	10.6	19[illegible]
12	75.[illegible]	23.9	84.5	29.2	9[illegible]	35.6	1973	65.6	18.7	5[illegible]	10.[illegible]	19[illegible]
13	75.[illegible]	24.0	84.7	29.3	9[illegible]	35.[illegible]	1967	65.6	18.7	49	9.4	19[illegible]
14	75.[illegible]	24.[illegible]	85.3	29.6	9[illegible]	35.6	1967	65.7	18.7	5[illegible]	11.1	1977
15	75.[illegible]	24.3	85.7	29.8	9[illegible]	33.[illegible]	19[illegible]*	65.[illegible]	18.8	5[illegible]	12.[illegible]	197[illegible]
16	75.8	24.3	85.6	29.8	9[illegible]	35.[illegible]	1963	66.1	18.9	5[illegible]	1[illegible].[illegible]	19[illegible]*
17	76.[illegible]	24.4	85.4	29.7	9[illegible]	36.1	1963	66.[illegible]	19.1	5[illegible]	11.1	19[illegible]
18	76.[illegible]	24.6	86.[illegible]	30.1	9[illegible]	34.4	1963	67.[illegible]	19.4	5[illegible]	13.9	19[illegible]
19	76.7	24.8	86.7	30.4	9[illegible]	35.[illegible]	1962	66.7	19.3	5[illegible]	12.[illegible]	19[illegible]*
20	77.[illegible]	25.2	87.4	30.8	9[illegible]	34.4	1962*	67.[illegible]	19.[illegible]	5[illegible]	11.1	19[illegible]
21	77.[illegible]	25.3	87.4	30.8	9[illegible]	36.[illegible]	1962	67.8	19.9	5[illegible]	11.7	19[illegible]
22	77.6	25.3	86.7	30.4	97	36.1	1953	66.6	19.3	47	8.3	19[illegible]
23	77.[illegible]	25.3	86.5	30.[illegible]	9[illegible]	35.6	1953	68.5	20.3	4[illegible]	6.9	1981
24	78.[illegible]	25.6	86.6	30.3	9[illegible]	36.7	1953	69.[illegible]	20.[illegible]	5[illegible]	14.4	1967
25	78.[illegible]	25.7	87.5	30.[illegible]	9[illegible]	37.[illegible]	1953	68.8	20.4	5[illegible]	1[illegible].[illegible]	1967
26	78.[illegible]	25.6	87.1	30.6	9[illegible]	36.7	1953	68.9	20.[illegible]	4[illegible]	8.9	1979
27	77.[illegible]	25.5	86.4	30.2	9[illegible]	36.7	1962	69.[illegible]	20.7	5[illegible]	11.7	1979
28	78.[illegible]	25.7	87.4	30.8	9[illegible]	35.[illegible]	1967*	69.[illegible]	20.7	6[illegible]	16.1	1972
29	78.4	25.8	87.2	30.7	9[illegible]	35.[illegible]	1945	69.7	20.9	6[illegible]	15.6	1979
30	78.9	25.8	88.1	31.2	9[illegible]	36.7	1945	69.8	20.[illegible]	5[illegible]	14.4	1971
31	78.[illegible]	26.1	88.2	31.2	10[illegible]	37.[illegible]	1945	69.7	20.9	60	15.6	1971
Monthly	76.[illegible]	24.4	85.5	29.7	10[illegible]	37.[illegible]	1945	66.6	19.2	47	8.3	1981

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
	JACKSONVILLE, FLORIDA	1945-1982	JULY

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	[illegible]	26.3	[illegible]	[illegible]	[illegible]	[illegible]	1945	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	25.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	26.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	26.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	25.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	26.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
7	[illegible]	26.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
8	[illegible]	26.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
9	[illegible]	26.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
10	[illegible]	27.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
11	[illegible]	26.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12	[illegible]	27.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
13	[illegible]	27.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
14	[illegible]	27.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15	[illegible]	27.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
16	[illegible]	27.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
17	[illegible]	26.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
18	[illegible]	27.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
19	[illegible]	27.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20	[illegible]	27.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21	[illegible]	27.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
22	[illegible]	27.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
23	[illegible]	27.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
24	[illegible]	27.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
25	[illegible]	27.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
26	[illegible]	27.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
27	[illegible]	27.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
28	[illegible]	27.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
29	[illegible]	27.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
30	[illegible]	27.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
31												
Monthly	[illegible]	27.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
	JACKSONVILLE, FLORIDA	1945-1982	JULY

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	[illegible]	27.8	[illegible]	32.5	9[illegible]	[illegible]	1978	73.[illegible]	23.1	[illegible]	15.3	1981
2	[illegible]	28.1	90.9	32.7	9[illegible]	[illegible]	1957	74.2	23.4	[illegible]	[illegible]	[illegible]
3	[illegible]	27.9	[illegible]	32.4	9[illegible]	[illegible]	1953	73.6	23.1	[illegible]	21.1	1982*
4	[illegible]	27.8	[illegible]	32.7	10[illegible]	[illegible]	1979	73.2	[illegible]	66	18.9	1981
5	[illegible]	28.0	91.2	32.[illegible]	9[illegible]	[illegible]	1979	73.[illegible]	23.1	67	19.4	1975
6	[illegible]	27.9	[illegible]	32.7	9[illegible]	[illegible]	1980	73.8	23.2	66	18.9	1975
7	[illegible]	28.1	91.2	32.9	9[illegible]	[illegible]	1977*	74.1	23.4	68	[illegible]	1947
8	[illegible]	27.7	[illegible]	[illegible]	9[illegible]	[illegible]	1977	[illegible]	23.2	6[illegible]	20.6	1964*
9	[illegible]	27.4	89.3	31.[illegible]	9[illegible]	[illegible]	1962	[illegible]	23.1	6[illegible]	[illegible]	1974
10	[illegible]	27.6	89.5	31.9	9[illegible]	[illegible]	1957	73.8	23.2	6[illegible]	[illegible]	1981
11	[illegible]	27.8	[illegible]	32.4	9[illegible]	[illegible]	1951	73.6	23.1	[illegible]	21.1	1982*
12	[illegible]	[illegible]	91.3	32.[illegible]	10[illegible]	[illegible]	1981*	73.6	[illegible]	[illegible]	21.1	1982*
13	[illegible]	[illegible]	[illegible]	32.7	10[illegible]	[illegible]	1981	74.4	[illegible]	71	[illegible]	1981*
14	[illegible]	[illegible]	[illegible]	33.3	9[illegible]	[illegible]	1981	74.[illegible]	[illegible]	[illegible]	21.1	1974*
15	[illegible]	29.6	91.5	33.1	10[illegible]	[illegible]	1981	75.[illegible]	24.0	6[illegible]	20.[illegible]	1974
16	[illegible]	[illegible]	[illegible]	32.[illegible]	9[illegible]	[illegible]	1976	74.[illegible]	23.[illegible]	[illegible]	20.6	1975
17	[illegible]	[illegible]	[illegible]	32.6	10[illegible]	[illegible]	1981	74.1	23.4	64	17.8	1981
18	[illegible]	27.9	[illegible]	32.3	9[illegible]	[illegible]	1948	74.[illegible]	[illegible]	68	[illegible]	1975
19	[illegible]	27.9	[illegible]	32.4	97	[illegible]	1954	74.1	23.4	70	21.1	1982*
20	[illegible]	27.9	[illegible]	32.4	9[illegible]	[illegible]	1963	74.3	[illegible]	[illegible]	20.6	1981
21	[illegible]	[illegible]	[illegible]	32.4	9[illegible]	[illegible]	1952	74.9	23.8	69	20.6	1964
22	[illegible]	[illegible]	[illegible]	32.5	9[illegible]	[illegible]	1977	74.8	23.8	66	[illegible]	1967*
23	[illegible]	28.2	[illegible]	32.7	97	[illegible]	1952	74.6	23.7	64	17.8	1965
24	[illegible]	[illegible]	91.1	32.8	9[illegible]	[illegible]	1952	74.9	23.8	70	21.1	1982*
25	[illegible]	[illegible]	[illegible]	32.3	10[illegible]	[illegible]	1952	74.5	23.6	69	20.6	1977
26	[illegible]	27.9	[illegible]	32.7	97	[illegible]	1977*	74.3	23.[illegible]	71	21.7	1967
27	[illegible]	[illegible]	91.3	32.9	99	[illegible]	1951	74.6	23.7	71	21.7	1978
28	[illegible]	28.2	[illegible]	32.7	9[illegible]	[illegible]	1949	74.7	23.7	72	22.2	1981*
29	[illegible]	28.2	91.2	32.9	99	[illegible]	1949	74.4	23.6	71	21.7	1979*
30	[illegible]	28.2	[illegible]	32.7	97	[illegible]	1961	74.5	23.6	68	20.0	1974
31	[illegible]	28.1	[illegible]	32.7	9[illegible]	[illegible]	1961	74.1	23.4	67	19.4	1972
Monthly	[illegible]	29.1	[illegible]	32.6	101	[illegible]	1981	74.2	23.4	64	17.8	1980*

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
	JACKSONVILLE, FLORIDA	1945-1982	AUGUST

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	82.4	28.0	90.5	32.5	98	36.7	1953	74.3	23.5	67	19.4	1953
2	82.7	28.2	91.2	32.9	98	36.7	1951	74.2	23.4	67	19.4	1953
3	82.7	28.2	91.3	32.9	99	37.2	1973	74.0	23.3	67	19.4	1981*
4	82.9	28.3	91.3	32.9	98	36.7	1954*	74.5	23.6	71	21.1	1952*
5	82.7	28.2	91.1	32.9	98	37.0	1954	74.4	23.6	68	20.0	1981
6	82.4	28.0	90.6	32.6	98	36.7	1954	74.3	23.5	69	20.6	1974*
7	82.9	28.3	91.2	32.9	98	37.0	1956	74.7	23.7	68	20.0	1952
8	82.4	28.0	91.0	32.8	98	36.7	1963*	74.7	23.7	70	21.1	1979
9	82.4	28.1	90.9	32.7	98	36.7	1963	74.3	23.5	69	20.6	1952
10	82.4	28.1	91.1	32.8	98	36.7	1963	74.1	23.3	69	20.6	1971
11	82.3	28.1	91.2	32.9	98	36.7	1963	73.9	23.3	68	20.0	1952*
12	82.3	27.9	90.3	32.4	99	37.2	1954	74.3	23.5	67	19.4	1952
13	82.1	27.8	90.1	32.3	98	36.7	1963	74.1	23.4	67	20.6	1967
14	82.2	27.9	90.1	32.3	97	36.1	1953	74.3	23.5	70	21.1	1976*
15	82.3	27.9	90.0	32.2	98	36.6	1956	74.5	23.6	69	20.6	1976
16	82.4	28.0	90.7	32.6	97	36.1	1953	74.1	23.4	67	19.4	1981
17	82.6	28.1	90.7	32.6	100	37.8	1954	74.0	23.7	69	20.6	1974
18	81.7	27.6	89.2	31.8	98	36.6	1975*	74.2	23.4	72	21.1	1952*
19	82.2	27.8	89.8	32.1	97	37.0	1954	74.1	23.4	68	20.0	1981
20	81.9	27.7	89.9	32.2	97	36.1	1980*	74.0	23.3	67	19.4	1972
21	82.0	27.8	90.0	32.2	97	36.1	1982	73.9	23.3	66	18.9	1976
22	82.1	27.8	90.0	32.2	98	36.7	1980	74.2	23.4	67	19.4	1973
23	81.7	27.6	89.7	32.1	98	36.7	1965*	73.7	23.2	64	17.8	1970
24	81.4	27.4	88.8	31.6	98	36.7	1952*	74.0	23.3	67	19.4	1977
25	81.4	27.4	88.7	31.5	98	36.7	1982*	74.1	23.4	66	18.9	1981*
26	81.7	27.6	89.6	32.0	98	36.6	1982*	73.9	23.3	66	18.9	1981
27	81.4	27.4	88.9	31.6	100	37.8	1954	73.9	23.3	64	17.8	1969
28	81.3	27.4	88.7	31.5	99	37.2	1954	74.3	23.5	68	20.0	1968
29	81.3	27.4	88.7	31.5	97	36.1	1951	74.2	23.4	68	20.0	1968
30	81.7	27.6	89.0	31.7	96	35.6	1948	74.5	23.6	70	21.1	1976*
31	81.6	27.6	88.9	31.6	97	36.7	1954	74.3	23.5	69	20.6	1967
Monthly	82.2	27.9	90.1	32.3	100	37.8	1954	74.2	23.4	60	15.6	1979

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
	JACKSONVILLE, FLORIDA	1945-1992	

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	F	C	F	C	F	C	DATE	F	C	F	C	DATE
1	1.3	27.4	89.3	31.7	9	36.7	1958	73.5	23.1	42	5.6	19**
2	81.3	27.4	89.2	31.8	9	35.6	1970*	73.4	23.0	66	18.9	19**
3	80.7	27.1	88.2	31.2	97	36.1	1957	73.2	22.9	52	11.7	19**
4	81.3	27.1	88.1	31.2	9	35.6	1951*	73.6	23.1	66	18.3	1975
5	80.7	27.1	88.0	31.1	9	35.6	1951	73.8	23.2	56	13.9	1967
6	80.8	27.0	87.8	31.0	9	35.1	1947	73.7	22.9	67	19.4	1946
7	80.4	26.9	87.4	30.8	9	35.0	1977	73.4	23.0	65	18.3	1972
8	81.7	27.1	87.7	30.9	9	34.4	1980*	73.6	23.1	61	16.1	19**
9	81.1	27.3	87.9	31.1	9	35.0	1948*	73.8	23.4	62	16.7	1977
10	81.0	27.2	87.1	30.6	9	36.1	1945	73.9	23.3	65	18.3	1956
11	79.9	26.6	87.2	30.7	9	35.1	1957	72.7	22.6	67	19.4	1981*
12	79.9	26.6	86.9	30.5	9	33.9	1967	73.0	22.8	62	16.7	1981
13	79.7	26.5	87.4	30.8	9	33.9	1978*	72.0	22.2	64	17.8	1981
14	79.7	26.5	87.5	30.8	9	35.1	1945	71.9	22.2	64	17.6	1981*
15	79.7	26.3	86.3	30.2	9	33.9	1980*	72.2	22.3	63	17.2	1978
16	79.9	26.6	87.3	30.7	9	35.0	1972	72.6	22.6	64	17.6	1967
17	80.2	26.8	87.6	30.9	9	35.0	1950	72.7	22.6	61	16.1	1967
18	79.9	26.4	86.7	30.4	9	34.0	1958	72.5	22.5	66	18.6	1981
19	79.4	26.4	87.2	30.7	9	35.0	1958*	72.1	22.3	50	10.1	1981
20	79.8	26.6	87.5	30.9	9	34.4	1955*	72.0	22.2	47	8.4	1981
21	80.1	26.7	87.2	30.7	9	35.6	1948	72.9	22.7	57	13.9	1981
22	79.4	26.3	86.6	30.3	9	33.9	1955	72.2	22.3	60	15.6	1974
23	76.3	25.7	85.3	29.6	9	33.9	1980*	71.1	21.7	58	14.4	1966
24	78.1	25.6	84.6	29.2	9	33.9	1951	71.6	22.0	62	16.7	1956
25	77.4	25.2	84.1	28.9	9	33.9	1980	70.8	21.4	57	13.6	1967
26	77.8	25.4	84.4	29.1	9	34.4	1980	71.2	21.8	59	15.0	1975
27	77.4	25.2	84.5	29.2	90	34.4	1977	70.4	21.3	57	13.9	1982*
28	77.4	25.2	84.3	29.1	91	33.9	1977*	70.4	21.3	62	16.7	1972*
29	77.1	25.1	84.2	29.0	91	32.8	1972*	70.0	21.1	57	13.9	1967
30	76.3	24.9	84.3	29.1	91	33.3	1959	69.6	20.9	45	12.4	1967
31												
Monthly	79.5	26.4	86.7	30.4	9	36.7	1958*	72.2	22.3	49	9.4	1981

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	F	C	F	C	F	C	DATE	F	C	F	C	DATE
1	[illegible]	24.4	[illegible]	29.	9	33.	1977*	69.2	20.7	[illegible]	13.2	[illegible]
2	[illegible]	24.7	[illegible]	29.	9	35.	1980	68.5	20.	[illegible]	13.3	[illegible]
3	[illegible]	24.1	[illegible]	28.3	[illegible]	35.	1952	67.9	19.9	[illegible]	13.[illegible]	[illegible]
4	[illegible]	23.9	[illegible]	28.3	9	33.	1971	67.2	19.6	[illegible]	11.7	19[illegible]
5	[illegible]	23.6	[illegible]	28.1	[illegible]	33.	1951	66.6	19.2	[illegible]	[illegible]	19[illegible]
6	[illegible]	23.7	[illegible]	27.[illegible]	[illegible]	33.	1971	67.1	19.5	[illegible]	9.4	19[illegible]
7	[illegible]	23.6	[illegible]	27.[illegible]	[illegible]	34.[illegible]	1951	66.3	19.3	[illegible]	9.4	[illegible]
8	[illegible]	23.7	[illegible]	28.3	9	32.[illegible]	1976	66.4	19.1	[illegible]	7.[illegible]	[illegible]
9	[illegible]	23.7	[illegible]	28.1	9[illegible]	32.	1959	66.6	19.2	[illegible]	11.7	19[illegible]
10	[illegible]	23.1	[illegible]	27.7	91	32.	1982	65.2	18.4	[illegible]	12.2	[illegible]
11	[illegible]	22.7	[illegible]	27.[illegible]	91	32.[illegible]	1959	65.1	18.4	[illegible]	11.7	[illegible]
12	[illegible]	22.6	[illegible]	27.2	89	31.[illegible]	1959	64.2	17.9	[illegible]	12.2	[illegible]
13	[illegible]	22.4	[illegible]	26.7	89	31.1	1959	64.6	18.1	[illegible]	[illegible]	[illegible]
14	[illegible]	22.5	[illegible]	26.7	9[illegible]	33.[illegible]	1945	64.9	18.3	[illegible]	5.6	[illegible]
15	[illegible]	[illegible]	[illegible]	26.5	9[illegible]	32.[illegible]	1971	62.5	[illegible]	[illegible]	[illegible]	[illegible]
16	[illegible]	[illegible]	[illegible]	26.4	8[illegible]	31.[illegible]	1966	62.[illegible]	17.2	[illegible]	[illegible]	[illegible]
17	[illegible]	[illegible]	[illegible]	26.2	87	30.[illegible]	1980*	63.3	17.4	[illegible]	[illegible]	[illegible]
18	[illegible]	[illegible]	[illegible]	26.2	8[illegible]	31.[illegible]	1980	62.1	16.7	[illegible]	[illegible]	[illegible]
19	[illegible]	[illegible]	[illegible]	26.5	9[illegible]	32.[illegible]	1981	61.7	16.5	[illegible]	7.2	[illegible]
20	[illegible]	[illegible]	[illegible]	[illegible]	8[illegible]	31.1	1950	60.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21	[illegible]	[illegible]	[illegible]	[illegible]	8[illegible]	29.4	1982*	59.9	[illegible]	[illegible]	[illegible]	[illegible]
22	[illegible]	[illegible]	[illegible]	[illegible]	8[illegible]	[illegible]	1949*	61.7	16.5	[illegible]	[illegible]	[illegible]
23	[illegible]	[illegible]	[illegible]	26.1	9	32.[illegible]	1949	61.5	16.4	[illegible]	[illegible]	[illegible]
24	[illegible]	[illegible]	[illegible]	[illegible]	8[illegible]	31.[illegible]	1947	61.1	16.2	[illegible]	7.8	[illegible]
25	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]*	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
26	[illegible]	[illegible]	[illegible]	[illegible]	8[illegible]	31.1	1949	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
27	[illegible]	[illegible]	[illegible]	[illegible]	8[illegible]	[illegible]	1951*	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1963	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
29	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1949	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
30	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1951	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
31	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Monthly	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION | STATION NAME | YEARS

DAY	MEAN TEMP AVERAGE F	MEAN TEMP AVERAGE C	MAXIMUM TEMP AVERAGE F	MAXIMUM TEMP AVERAGE C	MAXIMUM TEMP EXTREME F	MAXIMUM TEMP EXTREME C	MAXIMUM TEMP EXTREME DATE	MINIMUM TEMP AVERAGE F	MINIMUM TEMP AVERAGE C	MINIMUM TEMP EXTREME F	MINIMUM TEMP EXTREME C	MINIMUM TEMP EXTREME DATE
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
16	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
18	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
19	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
22	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
23	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
24	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
25	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
26	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
27	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
29	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
30	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
31												
Monthly	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION NO. | JACKSONVILLE, FLORIDA | STATION NAME | 1948-1977 | ARS | [illegible]

DAY	MEAN TEMP AVERAGE F	C	MAXIMUM TEMP AVERAGE F	C	EXTREME F	C	DATE	MINIMUM TEMP AVERAGE F	C	EXTREME F	C	DATE
1	[illegible]	13.5	[illegible]	18.9	[illegible]	[illegible]	1957	49.6	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	14.6	[illegible]	20.1	[illegible]	[illegible]	1968	51.1	[illegible]	[illegible]	1.1	1955
3	[illegible]	14.1	69.9	21.1	83	28.3	1978*	49.2	[illegible]	[illegible]	1.1	1955
4	[illegible]	14.7	68.2	20.1	85	29.4	1974	48.5	[illegible]	[illegible]	1.1	1955
5	[illegible]	14.5	69.4	20.8	82	27.8	1957	48.5	[illegible]	[illegible]	1.1	1949
6	[illegible]	15.2	68.7	20.4	84	28.9	1977	48.9	[illegible]	[illegible]	[illegible]	[illegible]
7	[illegible]	14.9	[illegible]	20.3	83	28.9	1978	49.2	[illegible]	[illegible]	[illegible]	[illegible]
8	[illegible]	15.2	68.3	20.4	84	28.9	1973	49.9	[illegible]	[illegible]	1.7	1955
9	[illegible]	14.6	68.6	20.3	85	29.4	1977	48.6	[illegible]	[illegible]	[illegible]	[illegible]
10	57.2	13.9	66.4	19.1	83	28.9	1972	47.9	8.7	[illegible]	-1.1	1951
11	56.6	13.7	66.0	18.9	83	28.3	1972	47.3	8.5	[illegible]	[illegible]	1951
12	57.6	14.2	66.8	19.3	87	27.8	1948	48.3	9.1	[illegible]	-5.6	1955
13	[illegible]	14.5	67.3	19.6	8[illegible]	[illegible]	1977	48.8	9.3	14	-10.0	1955
14	57.6	14.2	67.4	19.7	84	29.4	1977	47.8	9.6	[illegible]	-6.1	1955
15	56.5	13.6	66.1	18.9	87	30.6	1972	47.4	9.0	[illegible]	-3.9	1955
16	54.3	12.4	63.4	17.4	82	28.9	1971	45.2	7.3	[illegible]	-3.9	1955
17	54.4	12.4	63.9	17.7	83	27.8	1971	44.8	7.2	[illegible]	-2.2	1973
18	[illegible]	12.3	64.7	18.2	81	26.7	1961	43.8	6.6	[illegible]	-2.2	1974
19	54.7	12.6	65.6	18.7	87	28.3	1949	43.7	6.5	[illegible]	-6.1	1955
20	55.7	13.2	67.5	19.7	83	27.8	1967	45.0	7.2	[illegible]	-6.1	1951
21	55.6	12.9	66.9	18.3	83	27.8	1951	45.6	7.6	[illegible]	-5.6	1951
22	54.7	12.6	64.8	18.2	82	27.8	1973	44.7	7.1	[illegible]	-4.4	1955
23	56.3	13.5	66.4	19.1	83	28.3	1956	46.1	7.8	[illegible]	-2.2	1977*
24	57.1	13.9	66.8	19.3	7[illegible]	25.6	1981*	47.3	8.5	[illegible]	-2.2	1955
25	56.2	13.8	66.2	19.0	81	27.2	1974	47.6	8.7	[illegible]	-2.8	1961
26	54.4	12.3	63.4	17.4	8[illegible]	26.7	1971	45.1	7.3	[illegible]	-3.9	1961
27	55.7	13.2	65.6	18.7	7[illegible]	25.6	1971	45.7	7.6	[illegible]	-1.7	1977*
28	56.6	13.7	65.4	18.6	81	25.3	1971	47.7	8.7	[illegible]	-1.7	1977
29	56.1	14.7	67.7	19.8	81	27.2	1971	49.3	9.6	[illegible]	-1.7	1977*
30	56.3	15.0	67.5	19.7	8[illegible]	27.2	1974*	50.9	10.3	26	-3.3	1961
31	59.4	15.1	69.2	20.1	81	27.2	1971	50.2	10.1	35	1.7	1961
Monthly	57.1	13.9	66.6	19.2	87	30.6	1972	47.4	8.6	14	-10.0	1962

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

[illegible]
FROM DAILY OBSERVATIONS

STATION: [illegible] | STATION NAME: [illegible] | YEARS: [illegible]

[illegible]

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	4	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	77	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	77	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	93	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	93	[illegible]	[illegible]	77	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	96	[illegible]	[illegible]	[illegible]	89	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	91	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97	94	[illegible]	[illegible]	[illegible]	91	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	91	[illegible]	[illegible]	95	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97	96	[illegible]	91	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	93	[illegible]	96	[illegible]	94	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	94	[illegible]	[illegible]	[illegible]	92	[illegible]
MEAN													
S D													
TOTAL OBS													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE NORTH CAROLINA

EXTREME VALUES

STATION | STATION NAME | YEARS

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
MEAN	[illegible]	1[illegible]	[illegible]	49.1	[illegible]	[illegible]	[illegible]	9[illegible]	[illegible]	[illegible]	[illegible]	79.[illegible]	[illegible]
S.D.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

STATION NAME

YEARS

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN
MEAN													
S D													
TOTAL OBS													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

[illegible]	JACKSONVILLE, FLORIDA	45-[illegible]
STATION	STATION NAME	YEARS

WHOLE DEGREES FAHRENHEIT

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ALL MONTHS
45			50	51	63	71	73	71	70	[illegible]	70	33	
46	36	39	47	53	64	66	72	[illegible]	67	56	45	41	[illegible]
47	33	26	29	54	60	68	68	72	62		43	45	
48	23	34	45	59	[illegible]	65	70	71	66	52	47	36	[illegible]
49	21	45	37	50	60		71	71	61	62	38	38	
50	48	38	38		61	70	63	68	65	56	21	27	[illegible]
51	[illegible]	[illegible]	37	45	58	67	70	72	67	53	34	22	[illegible]
52	32	32	[illegible]	44	56	[illegible]	71	69	68	43	[illegible]	30	[illegible]
53	33	[illegible]	45	50	62	[illegible]	71	[illegible]	66	47	41	29	[illegible]
54	35	41	33	51	57	65	71	72	70	47	[illegible]	[illegible]	[illegible]
55	31	[illegible]	33	52	59	65	73	73	69	45	[illegible]	33	[illegible]
56	29	[illegible]	29	49	62	66	72	71	57	53	32	34	[illegible]
57	20	40	37	50	53	71	70	66	69	[illegible]	[illegible]	23	[illegible]
58	24	24	39	50	52	65	71	70	69	[illegible]	45	33	[illegible]
59	25	[illegible]	40	45	64	69	71	73	68	[illegible]	30	35	[illegible]
60	27	32	31	[illegible]	63	62	72	[illegible]	71	[illegible]	[illegible]	24	[illegible]
61	27	37	39	42	58	62	71	[illegible]	65	44	43	25	[illegible]
62	[illegible]	35	32	42	57	70	69	71	58	[illegible]	37	14	14
63	25	[illegible]	40	45	58	67	72	74	64	44	36	28	[illegible]
64	22	34	41	44	58	[illegible]	69	[illegible]		[illegible]	41	32	
65	25	30	36	50	54	62	64	[illegible]	67	47	[illegible]	32	25
66	20	29	36	50	60	68	72	71	58	52	37	30	[illegible]
67	35	25	44	49	58	67	68	69	55	52	40	35	[illegible]
68	29	32	32	53	57	67	70	66	69		22	25	
69	38	34	39	54	55	67	73	64	68	58	[illegible]	34	[illegible]
70	19	25	39	52	54	[illegible]	68	72	63	56	28	29	19
71	25	30	36	40	50	64	74	69	64	59	42	45	25
72	33	35	41	48	65	64	67	67	65	49	41	32	32
73	31	33	40	44	52	65		67	70	41	44	24	
74	31	27	41	43	56	66	68	69	62	46	35	27	27
MEAN													
S D													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

[illegible] TEMPERATURE
(FROM DAILY OBSERVATIONS)

[illegible] STATION | JACKSONVILLE, FLORIDA STATION NAME | 4[illegible]-[illegible] YEARS

[illegible] DEGREES FAHRENHEIT

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	41	44	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	44	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	31	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	41	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MEAN	[illegible]	2.4	47.6	47.4	56.2	[illegible]	[illegible]	69.3	64.4	49.4	38.7	31.5	24.7
S D	[illegible]	[illegible]	[illegible]	[illegible]	4.181	3.354	2.470	2.662	5.013	5.954	6.280	[illegible]	4.852
TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	1171	1110	1147	1173	1110	1116	1140	[illegible]	13637

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

FROM DAILY OBSERVATIONS

STATION | STATION NAME | YEARS

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
MEAN													
S D													
TOTAL OBS													

SMOS

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

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

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

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

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

NAVWEASERVCOM

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

PSYCHROMETRIC SUMMARY

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

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS - S.T.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															ALL 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	D.B.		Dry Bulb	Wet Bulb	Dew Point

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

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS (S.T.)

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

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

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

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

Element : X	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS _____ LST

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

Element 'X	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

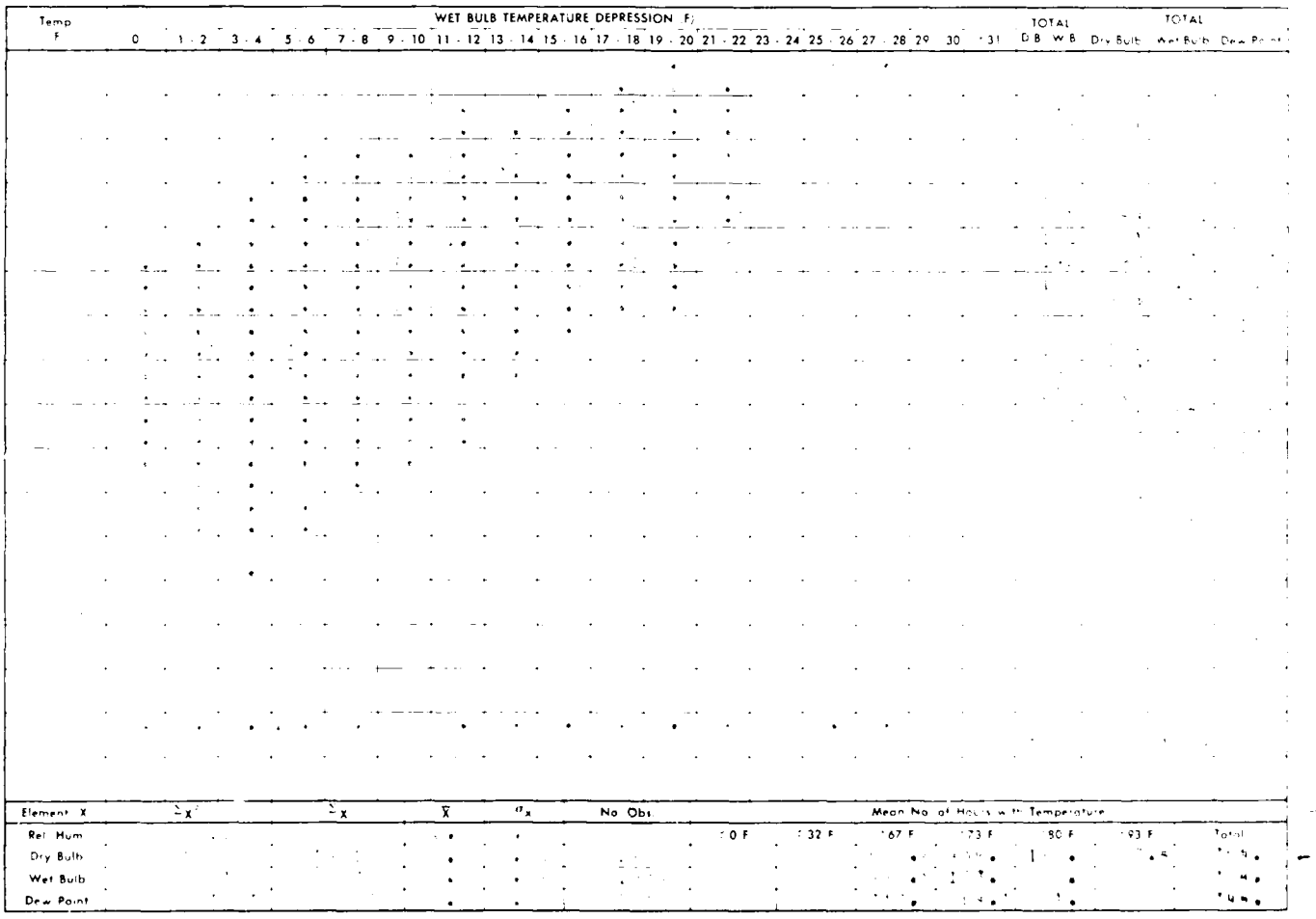
Temp F	WET BULB TEMPERATURE DEPRESSION F																											TOTAL DB W.B.	TOTAL Dry Bulb Wet Bulb Dew Point
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31		

Element X	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤93 F	Total
Rel. Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH



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

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

Temp F	WET BULB TEMPERATURE DEPRESSION F																										TOTAL DB	TOTAL WB
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31											

Element X	ΣX	ΣX	ΣX	$\bar{X}$	σ_x	No Obs	Mean No. of Hours in Temperature
							0 F – 32 F / 67 F – 73 F / 80 F – 93 F / Total
Rel. Hum							
Dry Bulb							
Wet Bulb							
Dew Point							

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

Temp F	WET BULB TEMPERATURE DEPRESSION F																											TOTAL DB & WB	TOTAL Dry Bulb	TOTAL Wet Bulb or Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31													

NAVWEASERVCOM

Element x	$\bar{x}$	$\tilde{x}$	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
						-0 F	32 F	67 F	73 F	80 F	93 F	
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

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

Element	Σx	Σx^2	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≥32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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

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

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

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

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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

Element / X	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS (LST)

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

NAVWEASERVCOM

Element X	$\tilde{x}_X$	$\tilde{x}_X$	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤93 F	Total
Rel Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

PSYCHROMETRIC SUMMARY

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

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
						≥ 0 F	≥ 32 F	≥ 67 F	73 F	80 F	≥ 93 F	Total
Rel. Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

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

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						·0 F	·32 F	·67 F	·73 F	·80 F	·93 F	Total
Rel. Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (LST)

Temp F	WET BULB TEMPERATURE DEPRESSION °F																													TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 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

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

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS (L.S.T.)

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

Element X	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≥32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

NAVWEASERVCOM

MEANS AND STANDARD DEVIATIONS

[illegible] TEMPERATURES DEG F FROM HOURLY OBSERVATION

[illegible] JACKSONVILLE, FLORIDA [illegible]

STATION STATION NAME YEARS

HRS LST		JAN.	FEB.	MAR	APR.	MAY	JUN	JUL	AUG.	SEP	OCT.	NOV.	DEC.	ANNUAL
	MEAN	[illegible]	58.2	66.5	62.[illegible]	[illegible]	74.1	76.3	76.3	73.3	65.[illegible]	[illegible]	[illegible]	68.1
	S D	11.9	10.119	8.342	6.31[illegible]	4.1[illegible]2	2.[illegible]83	2.559	2.627	3.[illegible]96	7.677	[illegible].47[illegible]	.1[illegible]3	12.2[illegible]7
	TOTAL OBS	[illegible]	226	248	24[illegible]	2[illegible]8	240	248	248	[illegible]	248	240	248	[illegible]72
	MEAN	[illegible]	48.3	57.7	6[illegible].6	6[illegible].[illegible]	72.[illegible]	74.8	75.[illegible]	73.7	[illegible].1	[illegible].[illegible]	49.[illegible]	[illegible].4
	S D	11.[illegible]9	11.[illegible]1	9.1[illegible]9	6.9[illegible]0	[illegible].[illegible]7	2.[illegible]62	2.[illegible]5	2.[illegible]39	3.17	[illegible].[illegible]2[illegible]	[illegible].1	10.67[illegible]	12.[illegible]56
	TOTAL OBS	[illegible]	226	248	240	[illegible]	240	248	[illegible]	[illegible]	248	[illegible]	248	[illegible]72
	MEAN	[illegible]	[illegible]7.[illegible]	[illegible]0.[illegible]	61.[illegible]	6[illegible].[illegible]	74.6	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	67.3	[illegible].1	48.[illegible]	[illegible].[illegible]
	S D	1[illegible].3	11.[illegible]35	9.64[illegible]	6.[illegible]75	[illegible].4[illegible]1	2.739	2.[illegible]5[illegible]	2.[illegible]72	3.34[illegible]	[illegible].[illegible]7[illegible]	[illegible].[illegible]21	10.[illegible]38	13.[illegible]39
	TOTAL OBS	[illegible]	[illegible]26	[illegible]24	[illegible]24	[illegible]2[illegible]5	[illegible]24	[illegible]248	[illegible]248	[illegible]24	[illegible]248	[illegible]24	[illegible]248	[illegible]972
	MEAN	[illegible]	54.[illegible]	[illegible].[illegible]	71.[illegible]	7[illegible].[illegible]	[illegible]3.1	[illegible]5.1	84.6	[illegible]2.[illegible]	73.[illegible]	6[illegible].4	5[illegible].[illegible]	71.[illegible]
	S.D.	11.3	10.[illegible]13	[illegible].[illegible]09	5.[illegible]84	[illegible].[illegible]3[illegible]	3.[illegible]3[illegible]	3.[illegible]50	2.[illegible]52	[illegible].022	5.666	[illegible].[illegible]5[illegible]	[illegible].[illegible]74	13.[illegible]53
	TOTAL OBS	[illegible]	[illegible]26	[illegible]24[illegible]	[illegible]24	[illegible]24[illegible]	[illegible]240	[illegible]248	[illegible]248	[illegible]24	[illegible]248	[illegible]240	[illegible]248	[illegible]972
	MEAN	[illegible]1.[illegible]	[illegible]3.[illegible]	72.1	76.[illegible]	[illegible]2.[illegible]	[illegible]6.5	[illegible]8.[illegible]	[illegible]7.[illegible]	[illegible]5.[illegible]	76.[illegible]	[illegible]1.[illegible]	[illegible]5.[illegible]	[illegible].[illegible]
	S D	1.[illegible]	11.[illegible]24	[illegible].[illegible]2	[illegible].435	[illegible].217	[illegible].257	[illegible].947	[illegible].567	[illegible].[illegible]94	[illegible].[illegible]84	[illegible].[illegible]21	[illegible].[illegible]27	12.[illegible]77
	TOTAL OBS	[illegible]	226	[illegible]48	[illegible]40	[illegible]2[illegible]	[illegible]240	[illegible]248	[illegible]248	[illegible]240	[illegible]248	[illegible]240	[illegible]248	[illegible]972
	MEAN	[illegible]0.[illegible]	63.[illegible]	[illegible]2.[illegible]	77.3	[illegible]1.[illegible]	[illegible]5.[illegible]	[illegible]6.5	[illegible]5.[illegible]9	[illegible]3.9	76.7	[illegible]7.[illegible]	63.[illegible]	76.1
	S D	11.[illegible]11	10.[illegible]65	[illegible].[illegible]74	6.[illegible]87	5.971	5.[illegible]64	6.[illegible]13	5.[illegible]6[illegible]	5.289	[illegible].298	[illegible]2.[illegible]41	[illegible].[illegible]34[illegible]	16.[illegible]48
	TOTAL OBS	[illegible]4[illegible]	226	[illegible]48	[illegible]40	[illegible]2[illegible]	[illegible]240	[illegible]248	[illegible]248	[illegible]24[illegible]	[illegible]248	[illegible]24[illegible]	[illegible]248	[illegible]972
	MEAN	[illegible]0.[illegible]	58.[illegible]	[illegible]6.[illegible]	71.[illegible]	[illegible]5.[illegible]	[illegible]9.7	[illegible]1.7	[illegible]0.[illegible]	[illegible]8.[illegible]	[illegible]0.1	[illegible]4.[illegible]	[illegible]5.[illegible]	[illegible]9.[illegible]
	S D	[illegible].[illegible]79	[illegible].[illegible]675	[illegible].[illegible]318	[illegible].[illegible]711	[illegible].[illegible]73	[illegible].[illegible]48[illegible]	[illegible].[illegible]479	[illegible].[illegible]646	[illegible].[illegible]485	[illegible].773	[illegible].[illegible]107	[illegible].[illegible]872	11.[illegible]52
	TOTAL OBS	[illegible]40	226	[illegible]48	[illegible]4[illegible]	[illegible]2[illegible]8	[illegible]240	[illegible]248	[illegible]248	[illegible]24[illegible]	[illegible]248	[illegible]240	[illegible]248	[illegible]972
	MEAN	[illegible].[illegible]	52.7	61.[illegible]	66.1	72.1	76.2	[illegible]9.[illegible]	77.9	[illegible]6.[illegible]	67.1	[illegible]0.3	52.7	[illegible]6.[illegible]
	S D	[illegible].[illegible]27	[illegible].[illegible]51[illegible]	7.[illegible]74	[illegible].[illegible]514	[illegible].[illegible]877	2.900	2.[illegible]99[illegible]	2.[illegible]647	[illegible].[illegible]03[illegible]	[illegible].071	[illegible].193	[illegible].[illegible]43	11.[illegible]8[illegible]7
	TOTAL OBS	[illegible]4[illegible]	226	[illegible]48	[illegible]4[illegible]	[illegible]48	[illegible]240	[illegible]248	[illegible]48	[illegible]24[illegible]	[illegible]248	[illegible]240	[illegible]248	[illegible]922
ALL HOURS	MEAN	[illegible].[illegible]	[illegible].[illegible]	[illegible]7.[illegible]	68.4	[illegible]4.7	[illegible]9.[illegible]	[illegible]1.[illegible]	[illegible]0.[illegible]5	[illegible]9.7	69.5	[illegible]7.[illegible]	58.9	[illegible]8.[illegible]
	S D	[illegible].[illegible]6	[illegible].[illegible]10	[illegible].[illegible]593	[illegible].[illegible]935	7.[illegible]56	6.[illegible]506	[illegible].[illegible]314	5.[illegible]819	5.[illegible]884	[illegible].[illegible]043	[illegible].[illegible]388	11.[illegible]278	14.[illegible]217
	TOTAL OBS	[illegible]4[illegible]	[illegible]8	[illegible]984	[illegible]920	[illegible]9[illegible]	[illegible]920	[illegible]984	[illegible]984	[illegible]920	[illegible]984	[illegible]920	[illegible]984	23376

NAVWEASERVCOM

MEANS AND STANDARD DEVIATIONS

STATION

STATION NAME

YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN													
	S.D.													
	TOTAL OBS													
	MEAN													
	S.D.													
	TOTAL OBS													
	MEAN													
	S.D.													
	TOTAL OBS													
	MEAN													
	S.D.													
	TOTAL OBS													
	MEAN													
	S.D.													
	TOTAL OBS													
	MEAN													
	S.D.													
	TOTAL OBS													
	MEAN													
	S.D.													
	TOTAL OBS													
	MEAN													
	S.D.													
	TOTAL OBS													
ALL HOURS	MEAN													
	S.D.													
	TOTAL OBS													

MEANS AND STANDARD DEVIATIONS

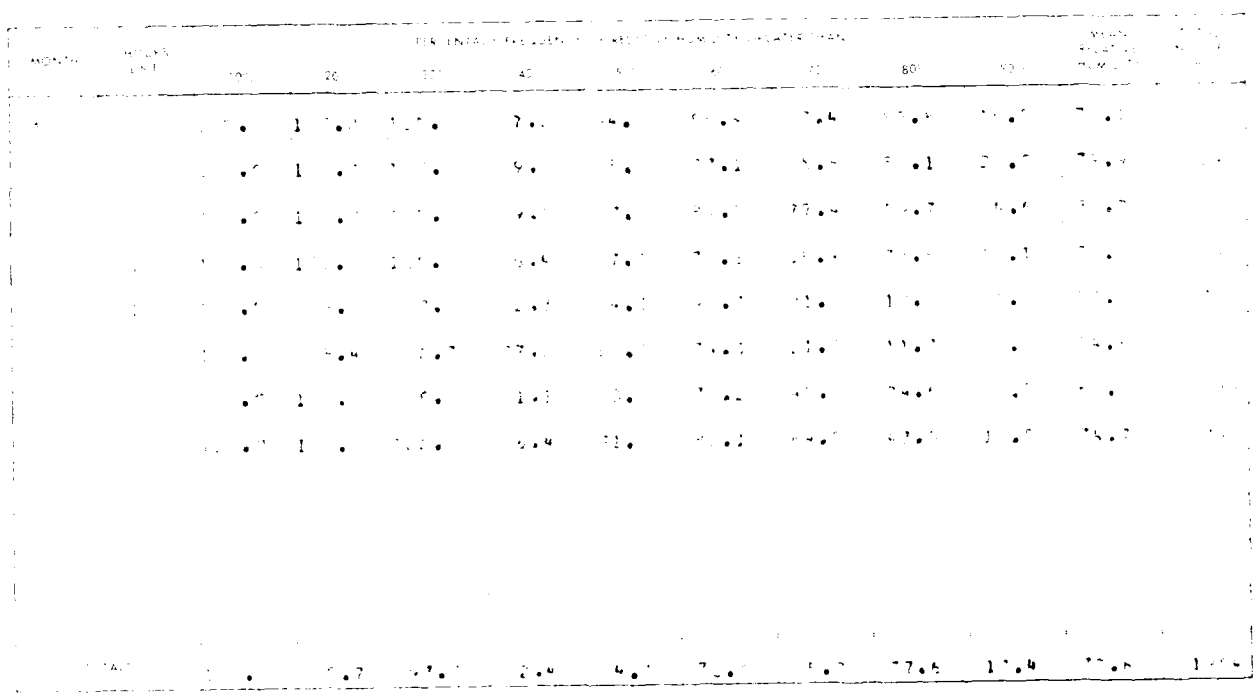
STATION STATION NAME YEARS

HRS. LST		JAN	FEB	MAR	APR.	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN													
	S D													
	TOTAL OBS													
	MEAN													
	S D													
	TOTAL OBS													
	MEAN													
	S D													
	TOTAL OBS													
	MEAN													
	S D													
	TOTAL OBS													
	MEAN													
	S D													
	TOTAL OBS													
	MEAN													
	S D													
	TOTAL OBS													
	MEAN													
	S D													
	TOTAL OBS													
	MEAN													
	S D													
	TOTAL OBS													
ALL HOURS	MEAN													
	S D													
	TOTAL OBS													

NAVWEASERVCOM

RELATIVE HUMIDITY

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS



NAVWEASERV.COM

RELATIVE HUMIDITY

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

MONTH	NO. OF OBS.	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN											
		10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	MEAN	
TOTALS													

NAVWEASERVCOM

RELATIVE HUMIDITY

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%		
							91.9			14.1		
							64.1					
TOTALS							67.6				69.4	

NAVWEASERVCOM

RELATIVE HUMIDITY

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
TOTALS					47.6	74.7		44.1	29.2	7.9	65.7	

NAVWEASERVCOM

RELATIVE HUMIDITY

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	65.7	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	14.1	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	37.5	[illegible]	11.3	[illegible]	56.5	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	91.5	[illegible]	[illegible]	[illegible]	77.7	[illegible]
TOTALS		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	72.3	[illegible]	[illegible]	[illegible]	72.3	[illegible]

NAVWEASERVCOM

RELATIVE HUMIDITY

4

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%		
	1											
TOTALS												

NAVWEASERVCOM

RELATIVE HUMIDITY

STATION [illegible], FLORIDA STATION NAME [illegible] PERIOD [illegible]

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	01	100.0	100.0	100.0	100.0	100.0	98.0	93.7	76.5	27.6	84.6	248
	04	100.0	100.0	100.0	100.0	100.0	99.6	95.6	88.3	31.0	87.8	248
	07	100.0	100.0	100.0	100.0	100.0	100.0	96.4	86.3	35.9	87.6	248
	10	100.0	100.0	100.0	99.6	95.6	87.5	56.9	11.3	2.0	69.7	248
	13	100.0	100.0	100.0	98.4	92.7	79.5	15.3	4.5	2.0	60.1	248
	16	100.0	100.0	100.0	98.0	94.4	83.2	31.0	10.5	4.0	63.5	248
	19	100.0	100.0	100.0	100.0	98.4	93.9	56.8	29.2	4.8	72.0	248
	22	100.0	100.0	100.0	100.0	100.0	96.0	87.5	50.8	12.9	80.2	248
	TOTALS	100.0	100.0	100.0	99.5	98.1	92.1	63.3	45.1	14.9	75.6	1984

NAVWEASERVCOM

RELATIVE HUMIDITY

4

STATION [illegible], FLORIDA — 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%		
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.6	[illegible]	74.6	21.9	85.2	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.2	[illegible]	[illegible]	[illegible]	87.8	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.6	[illegible]	[illegible]	[illegible]	89.2	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	95.2	41.5	7.7	[illegible]	73.4	[illegible]
	1	[illegible]	[illegible]	[illegible]	79.6	68.1	42.3	17.7	[illegible]	[illegible]	61.5	[illegible]
		[illegible]	[illegible]	[illegible]	89.2	78.7	61.3	29.[illegible]	13.7	5.2	64.7	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	94.8	64.1	24.2	7.3	74.4	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100.0	91.5	57.7	17.1	91.8	[illegible]
TOTALS		[illegible]	[illegible]	[illegible]	89.9	87.1	86.5	66.5	44.1	17.0	76.9	1984

NAVWEASERVCOM

RELATIVE HUMIDITY

STATION ILL[illegible], FL[illegible] — 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%		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTALS		100.0	100.0	100.0	99.9	96.[illegible]	88.8	72.1	51.1	2[illegible].0	78.5	1920

NAVWEASERVCOM

RELATIVE HUMIDITY

4

STATION [illegible] STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
[illegible]	1	[illegible]	[illegible]	100.0	99.6	[illegible]	94.6	[illegible]	[illegible]	[illegible]	82.2	248
	4	[illegible]	100.0	100.0	100.0	99.2	96.4	85.9	68.1	[illegible]	83.5	248
	7	[illegible]	100.0	100.0	100.0	99.6	97.2	85.9	72.2	31.9	84.7	248
	10	[illegible]	100.0	100.0	98.8	89.5	65.7	35.5	12.1	[illegible]	65.8	244
	13	[illegible]	100.0	95.6	83.5	62.1	30.6	14.9	6.0	1.6	58.8	248
	16	[illegible]	100.0	95.6	84.3	66.5	39.1	16.5	10.1	[illegible]	57.1	244
	19	[illegible]	100.0	100.0	99.2	94.1	85.6	52.4	25.0	[illegible]	74.1	248
	22	[illegible]	100.0	100.0	100.0	99.6	94.8	75.8	48.8	17.1	76.4	248
TOTALS		[illegible]	[illegible]	98.9	95.6	88.6	74.9	56.5	38.1	12.5	72.2	1994

NAVWEASERVCOM

RELATIVE HUMIDITY

4

STATION [illegible] JACKSONVILLE, FLORIDA PERIOD [illegible] MONTH [illegible]

STATION NAME

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS L.S.T.	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	25.	91.3	78.3	65.6	16.3	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	93.3	[illegible]	[illegible]	21.7	81.8	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTALS		[illegible]	[illegible]	98.1	[illegible]	[illegible]	75.9	57.4	[illegible]	17.6	71.8	[illegible]

NAVWEASERVCOM

RELATIVE HUMIDITY

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS L.S.T.	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
	1	100.0	100.0	100.0	99.2	96.	90.7	79.4	63.7	30.7	81.2	248
	4	100.0	100.0	100.0	100.0	97.6	92.3	82.3	70.6	34.2	82.7	248
	7	100.0	100.0	100.	100.0	98.	94.0	87.9	73.6	29.0	83.6	248
	10	100.0	100.0	100.0	99.6	97.	75.6	57.3	37.9	9.7	72.7	248
	1	100.0	100.0	96.4	92.7	85.9	62.3	37.9	14.9	2.0	66.1	248
	4	100.0	100.0	91.1	79.2	60.	44.0	27.4	11.7	2.4	57.6	248
	7	100.0	100.0	100.0	98.	90.7	75.0	58.5	35.5	7.5	72.2	248
	10	100.0	100.0	100.0	99.6	94.4	86.3	75.4	56.4	17.7	79.5	248
TOTALS		100.0	100.0	99.7	98.8	97.	79.5	61.5	45.4	11.9	73.4	1984

NAVWEASERVCOM

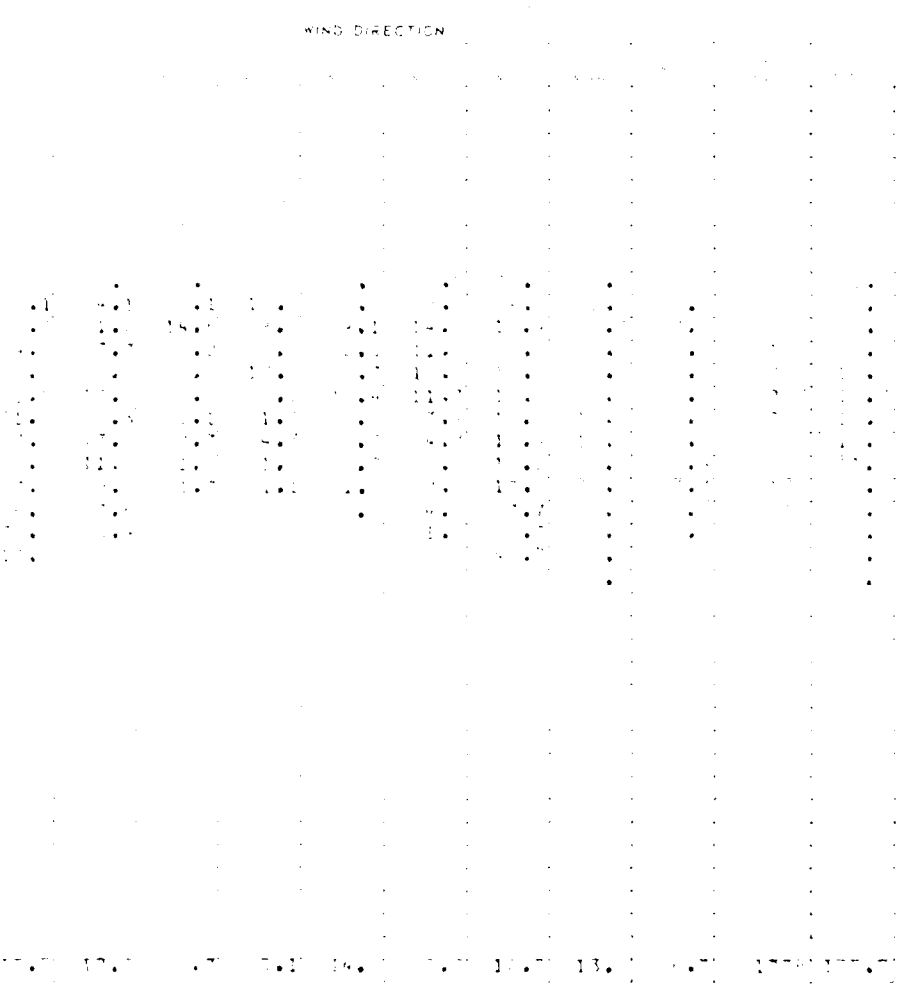
RELATIVE HUMIDITY

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
	TOTALS											

4

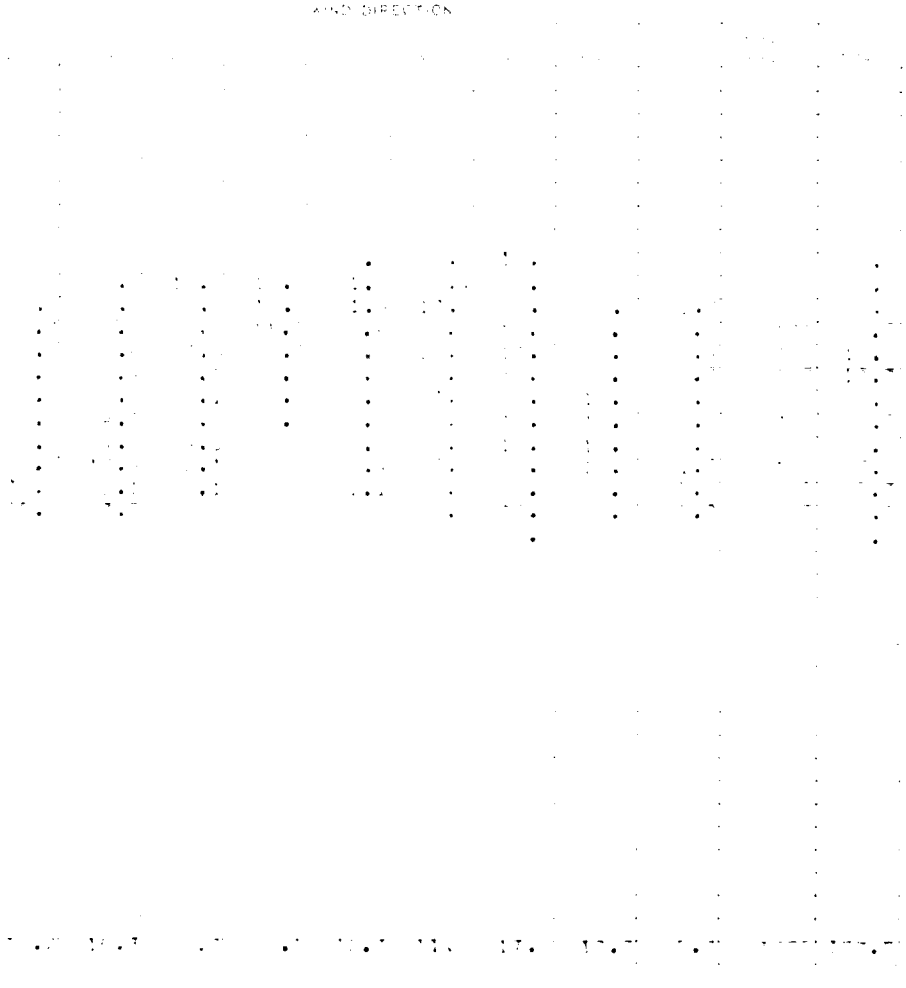
PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION



NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION



4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

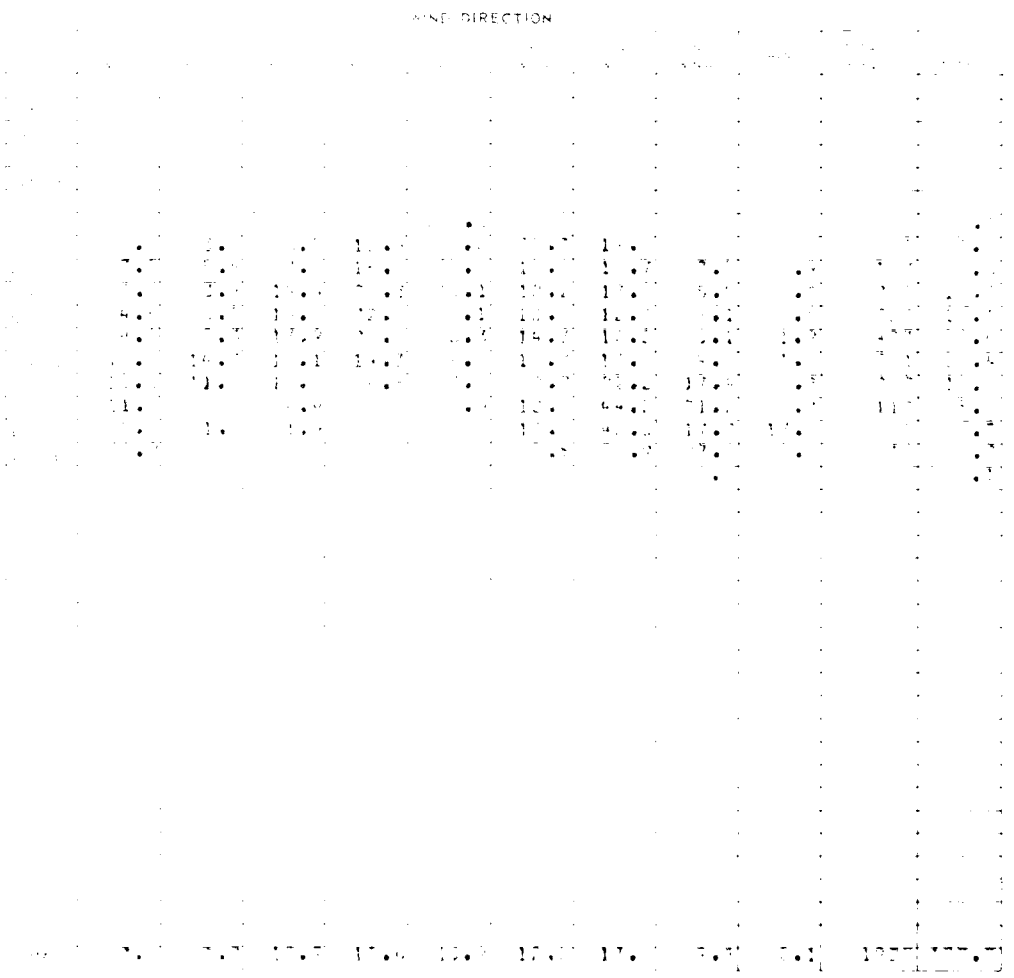
WIND DIRECTION



NAVAER

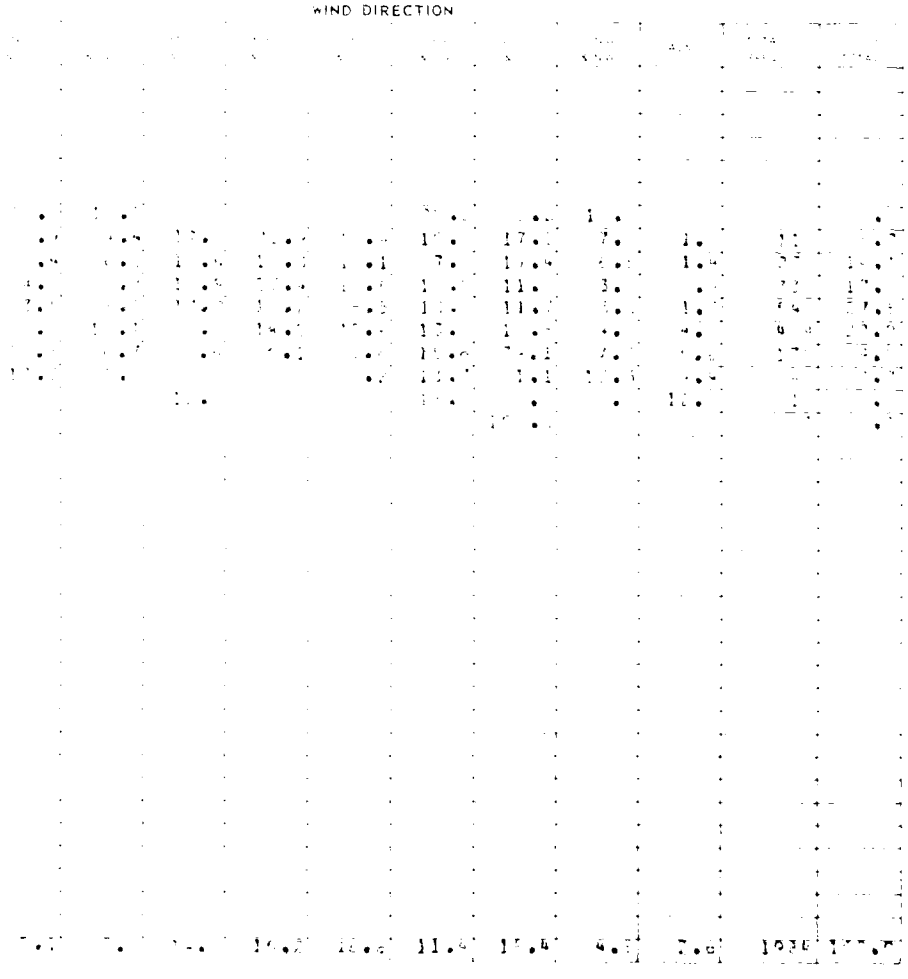
4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION



NAVAER 50-1P-504

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION



4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

STATION [illegible] JUNE ALL
MONTH

WIND DIRECTION

TEMP	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101			[illegible]	[illegible]	[illegible]						•
92 TO 96	6.	6.	9.0	19.4	17.4	14.	20.9	4.5		[illegible]	7.
87 TO 91	5.5	11.8	19.5	19.6	15.1	9.7	17.2	5.9	.8	[illegible]	15.4
82 TO 86	5.7	9.3	[illegible]	16.7	13.4	6.6	14.9	5.1	2.1	[illegible]	17.4
77 TO 81	2.9	4.	16.3	17.2	2.9	13.6	10.2	3.4	2.3	442	23.
72 TO 76	4.7	17.2	11.5	8.1	13.9	19.7	7.	4.6	5.2	434	34.1
67 TO 71	10.6	7.6	5.9	1.8	5.9	21.8	22.9	12.9	11.2	1	5.9
62 TO 66			11.1	11.1		22.2	22.2	11.1	22.2	[illegible]	.5
57 TO 61								100.0		[illegible]	.1
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-63 TO -59											
-68 TO -64											
-73 TO -69											
TOTALS	5.6	9.7	15.9	12.6	15.2	14.7	17.1	5.4	3.8	1920	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

[illegible] FLA [illegible] JAN 1973-DEC 1982 JULY ALL

WIND DIRECTION

TEMP	NNE & N	ENE & NE	ESE & E	SSE & SE	SSW & S	WSW & SW	WNW & NW	CALM	TOTAL FREQ	% TOTAL
92										
91 TO 88										
87 TO 84										
83 TO 80										
79 TO 76										
75 TO 72			.3		3.3	3.3	56.3	13.7		.6
71 TO 68	5.6	3.3	17.3	13.6	15.6	10.3	26.7	1.4	2.3	5.2
67 TO 64	2.9	8.7	22.3	18.4	15.2	8.4	23.1	3.2	.6	15.6
63 TO 60	4.7	7.3	15.8	23.7	17.0	13.7	14.0	1.7	1.1	15.6
59 TO 56	2.7	4.8	11.6	15.1	23.5	19.0	15.6	3.3	3.3	603	33.7
55 TO 52	3.6	4.2	4.6	5.1	15.2	28.4	23.3	6.2	9.8	453	27.9
51 TO 48	3.3	3.3		3.3	3.3	30.0	23.3	6.7	30.0	3	1.6
47 TO 44							100.0			1	.1
43 TO 40										
39 TO 36										
35 TO 32										
31 TO 28										
27 TO 24										
23 TO 20										
19 TO 16										
15 TO 12										
11 TO 8										
7 TO 4										
3 TO 0										
-1 TO -4										
-5 TO -8										
-9 TO -12										
-13 TO -16										
-17 TO -20										
-21 TO -24										
-25 TO -28										
-29 TO -32										
-33 TO -36										
-37 TO -40										
-41 TO -44										
-45 TO -48										
-49 TO -52										
-53 TO -56										
-57 TO -60										
TOTALS	3.5	5.5	12.1	13.9	17.8	18.6	19.5	4.3	4.6	1984	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

[illegible] JANUARY 1973-DECEMBER 1982 AUGUST ALL

WIND DIRECTION

[illegible]	NNE & N	NE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
[illegible]				[illegible]							.1
[illegible]	6.[illegible]	15.[illegible]	11.[illegible]	[illegible].3	[illegible].3	6.[illegible]	13.6	5.1		[illegible]	[illegible]
[illegible]	3.7	10.9	32.[illegible]	23.9	17.4	6.5	5.3	2.[illegible]	1.6	[illegible]	16.2
[illegible]	6.9	13.[illegible]	22.4	22.7	19.6	6.9	[illegible].4	1.[illegible]	1.5	[illegible]	19.[illegible]
[illegible]	[illegible].2	11.[illegible]	22.1	16.[illegible]	22.4	10.[illegible]	6.[illegible]	2.4	[illegible].9	6.1	31.[illegible]
[illegible]	[illegible].7	6.[illegible]	[illegible].6	[illegible].7	10.5	21.2	22.[illegible]	6.[illegible]	13.7	[illegible]	26.9
[illegible]	[illegible].9	10.[illegible]	[illegible].9	1.8	[illegible].4	17.9	23.2	[illegible].4	21.4	[illegible]	[illegible].4
TOTALS	[illegible].5	10.1	14.5	15.6	16.6	12.1	11.9	3.6	[illegible].[illegible]	1984	100.[illegible]

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

[illegible] [illegible]LLE, FL[illegible] | [illegible] 1977–[illegible] [illegible] | [illegible] | ALL

STATION | STATION NAME | YEAR | MONTH | HOURS

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
[illegible]	14.3	9.5	23.8		9.5	4.[illegible]	26.6	9.5		[illegible]	1.1
[illegible]	6.3	11.7	3[illegible].[illegible]	18.9	12.6	6.3	4.1	2.7	.9	[illegible]	11.6
[illegible]	8.8	15.[illegible]	27.3	17.[illegible]	13.8	6.7	[illegible].7	2.9	1.2	341	17.8
[illegible]	4.2	12.9	24.6	23.4	17.6	6.[illegible]	5.1	1.4	3.[illegible]	573	29.8
[illegible]	17.9	15.7	12.1	4.5	6.6	11.4	17.5	11.1	7.9	6[illegible]4	31.5
[illegible]	[illegible]9.7	11.[illegible]	2.2	1.[illegible]	3.6	10.9	23.9	13.9	2.9	13[illegible]	7.2
[illegible]	[illegible]2.1	10.5	5.3			5.[illegible]	21.1	15.[illegible]		1[illegible]	1.0
[illegible]	[illegible]0.0									[illegible]	.1
TOTAL	17.4	14.7	20.6	13.8	11.6	8.5	10.9	6.0	4.2	1927	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

[illegible] [illegible], FLORIDA JANUARY 1971-DECEMBER 1980 HOURS ALL

WIND DIRECTION

TEMP.	NNE & N	ENE & NE	E & SE	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
102 TO 106											
97 TO 101											
92 TO 96				100.0						1	.1
87 TO 91	4.2	21.5	12.5	8.3	16.7		25.2	12.5		24	1.2
82 TO 86	6.3	19.0	27.7	15.6	8.8	6.4	11.9	2.7	1.4	149	7.4
77 TO 81	3.9	33.5	20.9	13.2	7.1	4.3	8.7	4.7	1.2	254	12.6
72 TO 76	19.	33.8	17.8	8.2	8.7	5.2	4.3	5.5	2.3	430	22.1
67 TO 71	27.2	29.6	9.9	4.2	3.5	2.4	12.1	6.3	4.4	454	23.3
62 TO 66	27.0	28.0	6.0	2.0	2.3	1.3	15.7	12.0	5.7	300	15.1
57 TO 61	32.6	9.8	4.6		1.2	5.8	17.3	20.2	8.1	173	8.7
52 TO 56	31.7	8.8	.9	1.8			21.9	23.7	12.3	114	5.7
47 TO 51	11.3	13.2			1.9	5.7	45.3	17.0	5.7	53	2.7
42 TO 46	10.5	15.8			5.3		47.4	15.8	5.3	19	1.0
[illegible]							50.0	25.0	25.0	4	.2
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 & UNDER											
TOTALS	20.7	26.2	12.4	5.8	5.0	3.6	12.4	9.8	4.3	1994	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

[illegible], FL [illegible] JAN & [illegible] [illegible] [illegible]

WIND DIRECTION

TEMP.	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	CALM	TOTAL FREQ.	% TOTAL
100-104																		
95-99																		
90-94																		
85-89																		
80-84																		
75-79																		
70-74																		
65-69																		
60-64	3.4	6.5	.6	12.9	12.6	22.3	6.5	9.7								11	1.6
55-59	5.1	9.6	17.6	27.2	21.1	9.1	7.4	2.6								139	7.1
50-54	5.7	19.1	17.4	19.1	15.7	8.7	6.1	4.3	3.9							230	12.0
45-49	17.1	21.7	11.6	13.5	14.6	10.1	5.4	4.2	2.4							415	21.7
40-44	24.6	12.3	7.2	5.7	8.6	6.3	8.9	9.5	7.2							349	18.2
35-39	34.0	19.7	7.7	2.7	5.0	2.3	5.5	14.3	5.4							259	13.5
30-34	22.5	14.2	3.4	2.9	3.6	3.9	12.8	22.7	5.9							203	10.6
25-29	9.9	13.4	2.2		.7	1.5	14.2	26.9	11.2							134	7.0
20-24	21.5	6.5			1.1	1.1	3.3	13.0	33.4	17.4						93	4.9
15-19	1.7	15.0					1.7	25.0	25.0	11.7	6.0					60	3.1
10-14	13.3							46.7	20.0	20.0						15	.8
5-9	25.0							25.0		50.0						8	.4
0-4																		
-5-(-1)																		
-10-(-6)																		
-15-(-11)																		
-20-(-16)																		
-25-(-21)																		
-30-(-26)																		
-35-(-31)																		
-40-(-36)																		
-45-(-41)																		
-50-(-46)																		
TOTALS	20.6	13.0	8.7	9.0	9.6	6.5	9.4	11.8	6.4							1919	100.0	

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

[illegible]

WIND DIRECTION

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TOTAL [illegible]	TOTAL
[illegible]					[illegible]	66.7					[illegible]
[illegible]		[illegible]	[illegible]	12.1	7.3	[illegible]	[illegible]	[illegible]		[illegible]	1.7
[illegible]	[illegible]	5.8	11.[illegible]	14.4	[illegible]	[illegible]	11.[illegible]	1.[illegible]	1.9	104	[illegible]
[illegible]	[illegible]	[illegible]	2.7	13.7	[illegible]	19.9	15.1	[illegible]	[illegible]	[illegible]	7.4
[illegible]	11.[illegible]	14.2	[illegible]	[illegible]	18.0	11.[illegible]	[illegible]	[illegible]	11.1	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	6.3	[illegible]	9.5	7.6	14.3	11.1	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	9.6	4.9	[illegible]	[illegible]	11.4	13.4	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	17.5	[illegible]	1.7	1.6	2.8	12.4	19.0	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	1.3	1.3	.8	4.6	17.2	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	13.[illegible]	1.9	.6	1.9	2.5	25.8	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	6.[illegible]			1.4	2.7	21.6	25.7	[illegible]	[illegible]	[illegible]
[illegible]	33.3	3.3				3.3	26.7	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]							[illegible]			[illegible]
TOTALS	[illegible]	[illegible]	4.5	5.3	9.9	7.8	14.8	[illegible]	[illegible]	1984	[illegible]

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

[illegible] TLL , FL [illegible] JAN & V 19[illegible]-[illegible] [illegible] TLL [illegible]

WIND DIRECTION

TEMP	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	W & WSW	ANW & NW	CALM	TOTAL FREQ.	% OF TOTAL
[illegible]											
[illegible]											
[illegible]											
[illegible]											
[illegible]			11.[illegible]	17.6	11.[illegible]	5.[illegible]	41.2	11.[illegible]		[illegible]	.1
[illegible]	6.[illegible]	7.[illegible]	12.2	14.[illegible]	14.7	11.[illegible]	25.4	7.[illegible]	1.1	[illegible]	1.2
[illegible]	[illegible].1	10.2	25.3	14.2	15.[illegible]	6.4	12.9	3.9	1.[illegible]	124[illegible]	[illegible].4
[illegible]	[illegible].[illegible]	10.[illegible]	20.9	13.7	16.4	10.1	12.9	3.4	1.3	[illegible]	[illegible].[illegible]
[illegible]	[illegible].9	1[illegible].3	13.4	13.6	[illegible].6	12.1	10.6	3.3	2.[illegible]	3471	14.[illegible]
[illegible]	[illegible].3	11.6	11.9	13.3	15.5	15.8	1[illegible].[illegible]	2.[illegible]	[illegible].6	4[illegible]4	19.[illegible]
[illegible]	10.[illegible]	12.7	9.0	11.[illegible]	14.3	13.4	13.5	[illegible].3	4.3	[illegible]41	17.[illegible]
[illegible]	14.[illegible]	14.4	[illegible].7	9.1	13.2	10.2	13.9	7.8	[illegible].7	2[illegible]	11.[illegible]
[illegible]	17.[illegible]	16.7	[illegible].6	[illegible].4	[illegible].6	8.1	13.[illegible]	12.3	[illegible].6	1813	[illegible].[illegible]
[illegible]	[illegible]1.7	19.9	[illegible].2	3.4	[illegible].7	6.[illegible]	16.5	15.[illegible]	7.1	14[illegible]4	6.[illegible]
[illegible]	24.[illegible]	17.1	[illegible].1	2.2	2.6	[illegible].2	12.8	17.5	[illegible].[illegible]	11[illegible]1	[illegible].[illegible]
[illegible]	[illegible].[illegible]	13.[illegible]	[illegible].3	1.1	[illegible].2	[illegible].5	13.2	22.[illegible]	[illegible].2	[illegible]5[illegible]	[illegible].[illegible]
[illegible]	[illegible].[illegible]	11.7	1.7	.7	1.[illegible]	[illegible].[illegible]	22.5	21.[illegible]	[illegible].6	[illegible]51	[illegible].[illegible]
[illegible]	[illegible].[illegible]	[illegible].[illegible]	.6	.3	1.3	[illegible].2	26.7	28.3	[illegible].4	[illegible]11	1.[illegible]
[illegible]	[illegible].[illegible]	[illegible].1				1.[illegible]	26.[illegible]	30.7	[illegible].[illegible]	1[illegible]3	.[illegible]
[illegible]	[illegible].[illegible]						[illegible].[illegible]	[illegible].[illegible]		[illegible]	.[illegible]
[illegible]								[illegible].[illegible]		[illegible]	[illegible]
TOTALS	11.[illegible]	12.7	11.[illegible]	10.[illegible]	13.7	10.7	15.[illegible]	8.6	[illegible].[illegible]	23375	100.[illegible]

NAVWEASERVCOM

NOAA, National Climatic
Asheville, N. C.

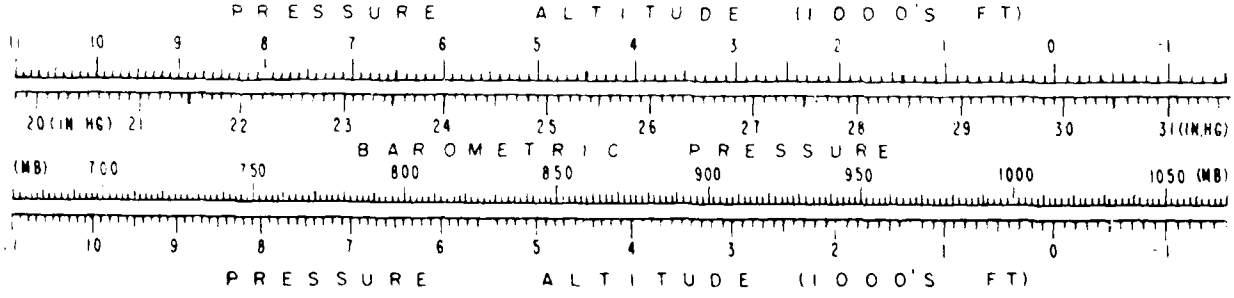
PART F PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

1. Station pressure in inches of mercury.

2. Sea-level pressure in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Meteorological Tables.



F

MEANS AND STANDARD DEVIATIONS

STATION STATION NAME YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN													
	S D													
	TOTAL OBS													
	MEAN													
	S D													
	TOTAL OBS													
	MEAN													
	S D													
	TOTAL OBS													
	MEAN													
	S D													
	TOTAL OBS													
	MEAN													
	S D													
	TOTAL OBS													
	MEAN													
	S D													
	TOTAL OBS													
	MEAN													
	S D													
	TOTAL OBS													
	MEAN													
	S D													
	TOTAL OBS													
ALL HOURS	MEAN													
	S D													
	TOTAL OBS													

MEANS AND STANDARD DEVIATIONS

STATION STATION NAME YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN													
	S.D.													
	TOTAL OBS													
	MEAN													
	S.D.													
	TOTAL OBS													
	MEAN													
	S.D.													
	TOTAL OBS													
	MEAN													
	S.D.													
	TOTAL OBS													
	MEAN													
	S.D.													
	TOTAL OBS													
	MEAN													
	S.D.													
	TOTAL OBS													
	MEAN													
	S.D.													
	TOTAL OBS													
ALL HOURS	MEAN													
	S.D.													
	TOTAL OBS													

END

DATE
FILMED

8 -85

DTIC