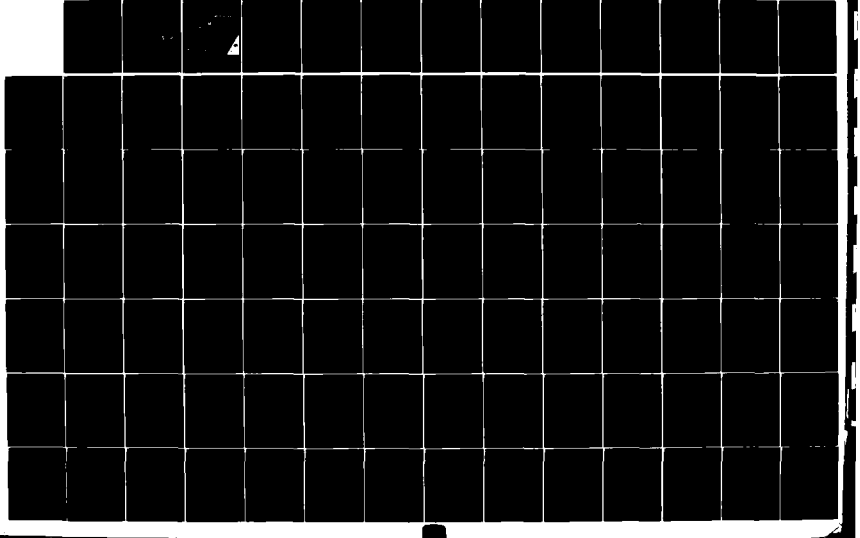
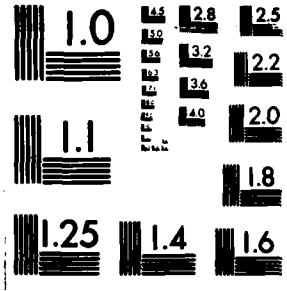
AD-A150 496 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) 1/4
PENSACOLA FLORIDA(U) NAVAL OCEANOGRAPHY COMMAND
DETACHMENT ASHEVILLE NC FEB 84

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SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE

AD-A150 446

STATION: #03855 Pensacola, FL

PERIOD June 1955 - December 1982

JOB NO. 72006 DATE February 1984

PREPARED BY
NAVAL OCEANOGRAPHY
COMMAND DETACHMENT,
FEDERAL BUILDING
ASHEVILLE, N.C. 28801

PREPARED FOR
COMMANDER,
NAVAL OCEANOGRAPHY
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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER
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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DD FORM 1 JAN 73 1473 EDITION OF 1 NOV 65 IS OBSOLETE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

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STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	STATION ELEV (FT)	CALL SIGN	WMO NUMBER
03855	Pensacola, Florida	30°21'N	87°19'W	30	KNPA	

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF BARO LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FEET	TYPE BAROMETER	
1.	Meteorological office spaces	Navy	1956	1971	30°21'N	87°19'W	33	Mercurial	24
2.	" " "	"	1971	1976	"	"	34	"	24
1a.	" " "	"	1964	1976	"	"	35.5	Aneroid	24
2a.	" " "	"	1976		"	"	"	"	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1.	1956	Roof of control tower	UMQ-5C	RD-108B	75'	1. Barograph (marine type) 2. Auto met station (GMQ-29) 3. Ceiling light (ML 121) 4. Cloud height set (GMQ 13) 5. Transmissometer (GMQ 10C) 6. Radar VID Repeater (WSRR-63) 7. Weathervision (GMQ-19A(V)) 8. GOES (Mod 9271 O/H) 9. RATT-68 (FMH 6)

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 in these tables, and the Naval Oceanography Command Detachment (NOCD), Asheville, N.C. welcomes your comment and criticisms.

WEATHER CONDITIONS

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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 but 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.

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WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

03855	PENSACOLA, FLORIDA	55-79	ALL
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	6.5	44.0	.3	2.0	.1	44.6	56.0	47.6		.1	69.4	744
FEB		9.1	42.9	.1	1.3	.6	43.2	53.4	43.7			64.6	678
MAR		14.4	41.5		.1	.8	41.7	58.5	50.1			69.5	744
APR		11.0	28.5			.3	28.5	57.1	55.0		.1	71.3	720
MAY		19.0	30.5			.3	30.5	48.4	58.5			70.6	773
JUN		29.9	41.9				41.9	36.3	53.3			61.6	750
JUL		47.5	52.9			.3	52.9	35.1	49.0		.1	58.1	775
AUG		40.1	49.4			.3	49.4	41.5	57.2		.3	67.4	775
SEP		23.9	42.4			.4	42.4	42.0	58.3		.1	66.4	7[illegible]
OCT		7.2	23.9				23.9	43.9	57.2			64.8	775
NOV		6.0	33.3				33.3	51.2	50.4			66.0	750
DEC		6.3	40.3		.3		40.3	52.4	46.8		.1	66.1	775
TOTALS		18.4	39.3	.0	.3	.3	39.4	48.0	52.3		.1	66.3	9009

WEATHER CONDITIONS

3-[illegible]5	PENSACOLA, FLORIDA	73-82	JAN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00	.6	9.0				9.0	27.4	9.7			33.2	31[illegible]
	03	.3	10.3		.3		10.6	28.4	6.5			31.6	31[illegible]
	06	1.9	7.4	.3	1.0		8.7	28.4	6.1			31.9	31[illegible]
	09	.3	7.7				7.7	31.6	19.0			45.6	31[illegible]
	12	.3	7.1				7.1	18.4	16.1			31.3	31[illegible]
	15	.3	6.5				6.5	15.8	14.8			27.7	31[illegible]
	18	.3	11.0				11.0	19.4	16.5			31.3	31[illegible]
	21	.3	12.3				12.3	23.2	9.4			30.0	31[illegible]
TOTALS		.5	8.9	.0	.2		9.1	24.1	12.1			32.9	248[illegible]

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WEATHER CONDITION

33[illegible]5	PENSACOLA, FLORIDA	73-82	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.
[illegible]	00	.7	9.2		.4		9.6	22.3	10.3		.4	30.9	2[illegible]
	0[illegible]	1.4	8.5				8.9	25.2	11.7		.4	33.7	2[illegible]
	0[illegible]	.7	8.[illegible]				8.5	31.2	11.3		.7	37.9	2[illegible]
	0[illegible]	.7	7.4		.4		7.8	2[illegible].2	26.6		.4	4[illegible].2	2[illegible]
	1[illegible]	1.1	6.7		.4	.4	6.7	12.6	21.3		.4	31.9	2[illegible]
	1[illegible]	.7	6.4		.4		6.4	9.9	21.3		.4	28.7	2[illegible]
	1[illegible]	2.1	7.4				7.4	1[illegible].6	23.[illegible]		.4	35.[illegible]	2[illegible]
	21	2.1	9.9		.4		10.3	14.5	10.3		.4	32.7	2[illegible]
TOTALS		1.2	8.0		.3	.1	8.2	19.7	17.1		.4	33.7	225

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WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible] 5	PENSACOLA, FLORIDA	73-82	MAR

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00	2.6	9.7				9.7	26.8	13.5			34.5	31[illegible]
	03	2.9	7.4				7.4	34.8	11.3			40.3	31[illegible]
	06	2.6	9.4				9.4	42.9	16.1			52.6	31[illegible]
	09	2.3	7.1				7.1	23.9	27.1			46.8	310
	12	2.9	8.1				8.1	11.0	21.3			30.0	310
	15	.6	7.7				7.7	10.0	19.7		.3	27.7	31[illegible]
	18	1.9	6.5				6.5	16.5	30.3			40.0	31[illegible]
	21	1.9	7.7				7.7	21.6	18.7			32.9	31[illegible]
TOTALS		2.2	8.3				8.0	23.6	19.8		.0	38.1	2460

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WEATHER CONDITION

NAVAV 2096-54321

03855 PENSACOLA, FLORIDA 73-82 APR

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.
APR	00	1.0	4.0				4.0	13.7	19.0			27.3	300
	07	1.0	5.3				5.0	23.7	19.3			36.0	300
	13	3.3	7.7				7.7	37.3	33.0			54.3	300
	19	1.0	4.7				4.7	10.0	32.3			39.0	300
	1[illegible]	1.3	6.[illegible]				6.0	4.7	23.7			27.3	300
	1[illegible]	1.3	5.3				5.3	3.7	22.7			25.0	300
	1[illegible]	.3	5.7				5.7	6.7	27.3			31.7	300
	21	.7	5.3				5.3	7.3	22.3			26.7	300
TOTALS		1.2	5.5				5.5	13.4	25.0			33.4	2400

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WEATHER CONDITIONS

03 - 5	PENSACOLA, FLORIDA	73-82	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	00	1.9	4.5				4.5	7.1	21.6			24.5	310
	03	2.6	5.2				5.2	29.6	25.8			35.2	310
	06	1.3	4.2				4.2	36.1	48.4			62.6	310
	09	2.9	6.5				6.5	4.8	34.2			37.7	310
	12	2.3	5.8				5.8	1.3	26.5			27.4	310
	15	2.9	4.8				4.8	2.3	23.5			25.5	310
	18	1.6	3.2				3.2	1.3	27.1			27.7	310
	21	2.3	3.5				3.5	1.9	20.3			21.9	310
TOTALS		2.2	4.7				4.7	9.7	28.4			32.8	2480

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4

WEATHER CONDITIONS

03855	PENSACOLA, FLORIDA	73-92	JUN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00	2.7	2.7				2.7	2.3	13.3			15.0	300
	03	3.0	1.7				1.7	6.0	20.0			23.0	300
	06	3.0	4.0				4.0	22.0	50.3			54.7	300
	09	1.0	3.3				3.3	1.0	30.3			30.3	300
	12	1.7	3.7				3.7	1.0	23.3			24.3	300
	15	4.0	5.0				5.0	.7	21.7			22.3	300
	18	4.7	3.7				3.7	.3	18.7			19.0	300
	21	3.7	2.7				2.7		13.3			13.3	300
TOTALS		3.0	3.4				3.4	4.4	23.9			25.2	2400

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WEATHER CONDITIONS

03[illegible]S	PENSACOLA, FLORIDA	73-92	JUL
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00	3.5	2.9				2.9	2.6	17.1			18.1	310
	03	5.2	5.5				5.5	9.7	22.6			24.8	310
	06	4.8	7.4				7.4	29.0	49.7			55.2	310
	09	6.8	11.3				11.3	3.9	32.6			35.5	310
	12	6.5	7.7			.3	7.7	2.9	24.2			26.5	310
	15	11.3	9.4				9.4	1.0	23.2			24.2	310
	18	5.8	8.7				8.7	3.2	22.6			25.2	310
	21	3.9	2.6				2.6	1.6	17.4			18.4	310
TOTALS		6.0	6.9			.0	6.9	6.7	26.2			26.5	2480

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WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]	PENSACOLA, FLORIDA	73-82	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	00	3.2	3.9				3.9	3.5	14.2			16.2	310
	03	4.8	3.2				3.2	10.6	19.4			23.9	310
	06	7.7	7.4				7.4	30.6	43.5			52.6	310
	09	5.8	8.7				8.7	2.3	35.2			37.1	310
	12	4.5	7.1				7.1	.6	23.9			24.5	310
	15	6.8	6.1			.3	6.1	.3	20.6			21.0	310
	18	4.5	4.5				4.5	1.9	22.9			24.2	310
	21	4.8	5.5				5.5	2.9	14.2			15.8	310
TOTALS		5.3	5.8			.0	5.9	6.6	24.2			26.8	2480

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WEATHER CONDITIONS

03945	PENSACOLA, FLORIDA	73-82	SEP
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00	2.3	4.0				4.0	4.3	16.7			18.7	300
	03	4.3	5.0				5.0	17.7	24.3			29.3	300
	06	3.7	6.0				6.0	37.0	46.0			57.7	300
	09	2.3	6.7				6.7	6.3	38.0			41.7	300
	12	3.0	8.0				8.0	2.0	23.3			25.3	300
	15	4.3	8.7				8.7	2.0	20.3			22.3	300
	18	4.0	5.0				5.0	3.3	23.7			26.3	300
	21	1.7	6.0				6.0	3.0	12.7			14.7	300
TOTALS		3.2	6.2				6.2	9.5	25.6			29.5	2400

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WEATHER CONDITIONS

[illegible] PENSACOLA, FLORIDA 73-82 OCT

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00	.6	1.9				1.9	7.1	10.6			14.8	310
	03		3.5				3.5	14.5	11.6			20.6	310
	06	1.3	6.5				6.5	26.1	31.3			48.4	310
	09	.6	6.1				6.1	9.0	25.2			31.6	310
	12	.6	6.1				6.1	2.9	17.4			19.4	310
	15	.3	3.9				3.9	2.3	12.3			14.2	310
	18		3.9				3.9	3.2	13.9			16.5	310
	21		3.2				3.2	2.9	8.4			10.0	310
TOTALS		.4	4.4				4.4	7.8	16.3			21.9	2480

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]	PENSACOLA, FLORIDA	73-[illegible]	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	00	.7	4.7				4.7	16.0	11.7			25.3	300
	03		6.7				6.7	23.3	10.7			30.0	300
	06	.7	7.3				7.3	33.7	14.3			39.7	300
	09	.3	9.7				9.7	20.3	22.0			38.3	300
	12	1.3	9.0				9.0	10.3	15.3			22.3	300
	15	1.3	6.3				6.3	8.0	14.3			20.0	300
	18		6.7				6.7	9.3	14.7			20.3	300
	21	.3	6.7				6.7	11.0	11.3			19.7	300
TOTALS		.6	7.1				7.1	16.5	14.3			27.0	2400

WEATHER CONDITIONS

23[illegible]5	PENSACOLA, FLORIDA	73-82	DEC
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.
DEC	00	1.0	8.7				8.7	19.4	9.7		.3	23.5	31[illegible]
	03		8.7				8.7	21.4	7.4		.3	23.9	309
	06	1.0	9.7				9.7	20.8	9.7			24.7	30[illegible]
	09	.6	6.1				6.1	19.4	20.4			33.7	309
	12	.3	7.8				7.8	12.3	15.5			24.6	309
	15		6.5				6.5	9.7	15.5			22.3	309
	18	.3	5.3				5.5	12.0	18.2			26.6	309
	21	.3	6.8				6.8	15.3	13.0			23.7	309
TOTALS		.4	7.5				7.5	16.3	13.7		.1	25.4	247[illegible]

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WEATHER CONDITIONS

03[illegible]5	PENSACOLA, FLORIDA	73-82	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	.5	8.9	.0	.2		9.1	24.1	12.1			32.9	2480
FEB		1.2	8.0		.3	.1	8.2	19.7	17.1		.4	33.7	2256
MAR		2.2	8.0				8.0	23.6	19.8		.0	38.1	2480
APR		1.2	5.5				5.5	13.4	25.0			33.4	2400
MAY		2.2	4.7				4.7	9.7	28.4			32.8	2480
JUN		3.0	3.4				3.4	4.4	23.9			25.2	2400
JUL		6.0	6.9			.0	6.9	6.7	26.2			28.5	2480
AUG		5.3	5.9			.0	5.8	6.6	24.2			26.8	2480
SEP		3.2	6.2				6.2	9.5	25.6			29.5	2400
OCT		.4	4.4				4.4	9.8	16.3			21.9	2480
NOV		.6	7.1				7.1	16.5	14.3			27.0	2400
DEC		.4	7.5				7.5	16.3	13.7		.1	25.4	2479
TOTALS		2.2	6.4	.0	.0	.0	6.4	13.4	20.5		.0	29.6	29206

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

[illegible] PENSACOLA, FLORIDA JANUARY 1973-DECEMBER 1982 JANUARY ALL

STATION STATION NAME YEAR MONTH HOURS (EST)

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	BLOWING SAND AND DUST	NO WEATHER
N	[illegible]	.9	1.4	.2	.5	.2		.2	12.7	.9	7.7			77.7
NNE	7.4	.6	3.7						1[illegible].5	1.2	11.1			67.9
NE	[illegible].1		1.5		.7				16.9	1.5	11.3			69.1
ENE	[illegible].2		3.6						[illegible]1.2	3.6	8.0			67.3
E	[illegible].4	.9	1.4					.5	24.9	.9	13.6			55.6
ESE	[illegible].1	1.4	4.1						[illegible].9	.7	16.2			43.2
SE	4.7	.8	1.6						[illegible]1.5	3.9	15.0			54.3
SSE	[illegible].0	5.0						1.7	[illegible]5.0	3.3	27.5			43.3
S	6.[illegible]	4.0	.6					1.7	34.7	1.1	16.5			48.3
SSW	6.[illegible]	4.1	1.4					1.4	34.2	2.7	12.3			52.1
SW	4.4	4.4	1.5					2.9	19.1	6.8	14.7			57.4
WSW	6.[illegible]	4.5	6.8					6.8	[illegible]5.0	6.8	22.7			45.5
W	[illegible].9	2.[illegible]							[illegible]4.5	2.9	7.8			56.7
WNW	[illegible].7	1.3			1.3	1.3		1.3	1[illegible].7	1.3	10.3			74.4
NW	3.7	1.5							[illegible].2	2.2	6.7			81.3
NNW	[illegible].1	2.1	.8						10.6		3.4			85.6
VARIABLE														
CALM	[illegible]	[illegible]	[illegible]						[illegible]1.0	[illegible].6	[illegible]4.1			[illegible]3.6
TOTAL	1[illegible]1	41	39	1	4	2		14	550	47	286			1610
% TOTAL	[illegible].7	1.7	1.6	.0	.2	.1		.6	[illegible]2.2	1.9	11.5			64.9

TOTAL NUMBER OF OBSERVATIONS [illegible],48[illegible]

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

[illegible] PENSACOLA, FLORIDA JANUARY 1973-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	BLOWING SAND AND DUST	NO WEATHER
N	[illegible]	.6	.3		.3	.6		.6	11.1	1.8	18.2			[illegible]
NNE	[illegible]	.7	.7		.7				11.6		16.3			[illegible]
NE	[illegible]	1.0	3.1					1.0	13.3	2.0	13.3			[illegible]
ENE	[illegible]	2.0			1.0			1.0	17.8	1.0	12.9			[illegible]
E	[illegible]	2.5	3.8					2.5	[illegible]	1.3	17.1			[illegible]
ESE	[illegible]	.8	5.8					1.7	25.8	1.7	25.8			[illegible]
SE	[illegible]	2.1						1.0	25.[illegible]	2.1	20.6			[illegible]
SSE	[illegible]	1.7						1.9	21.2	1.9	20.2			[illegible]
S	[illegible]	4.8						1.8	19.6	5.4	25.6			[illegible]
SSW	[illegible]	1.8						1.8	21.6	1.8	16.2			[illegible]
SW	[illegible]	2.7	1.8					1.8	13.5	2.7	14.4			67.6
WSW	[illegible]	4.1					.3	3.3	21.5		9.9			64.5
W	[illegible]	.8						.8	12.7	4.8	15.9			[illegible]
WNW			1.3						[illegible].9		11.4			[illegible]
NW	[illegible]	1.8	.9					.9	12.8	3.7	11.0			[illegible]
NNW	[illegible]		1.0					.5	11.3	1.9	11.9			77.6
VARIABLE														
CALM	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]			[illegible]
TOTAL	[illegible]	37	24		3	2	1	27	391	54	369			[illegible]
% TOTAL	[illegible]	1.6	1.1		.1	.1	.0	1.2	17.3	2.4	16.4			[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

[illegible] PENSACOLA, FLORIDA JANUARY 1973-DECEMBER 1982 MARCH ALL

STATION STATION NAME YEARS 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	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND DUST	NO WEATHER
N	4.[illegible]	2.6	.4					2.2	1[illegible].7	1.1	6.6			78.7
NNE	7.[illegible]	3.8							13.3	1.[illegible]	10.5			73.3
NE	1[illegible].1	5.5	1.1					5.5	11.0	3.3	8.8			65.[illegible]
ENE	[illegible].3	9.3	3.5					4.7	[illegible].9	3.5	18.6			[illegible]3.5
E	[illegible].3	7.3	5.3					7.3	31.1	.7	17.2			47.[illegible]
ESE	4.[illegible]	2.6	2.2					2.2	27.8	.9	30.4			45.4
SE	2.[illegible]	2.9	.4					1.3	[illegible].5	.8	29.3			46.9
SSE	[illegible].[illegible]	2.0						2.0	27.6	2.5	34.5			45.[illegible]
S	1.[illegible]	1.5	1.5					1.5	23.4	3.6	29.[illegible]			[illegible].[illegible]
SSW	4.[illegible]	1.7						1.7	13.6	2.[illegible]	17.8			6[illegible].[illegible]
SW	.7	3.6	2.2					1.4	21.0	.7	18.1			64.5
WSW	1.[illegible]	1.0	1.9						24.[illegible]	1.9	15.4		1.0	62.[illegible]
W	[illegible].7	.9						1.[illegible]	17.0	2.7	15.2			64.[illegible]
WNW	[illegible].[illegible]	1.4						1.4	15.9	2.9	7.2			73.9
NW	2.[illegible]	3.9						2.9	11.8	2.0	14.7			72.5
NNW	2.[illegible]	2.5						.8	12.3		6.[illegible]			82.0
VARIABLE														
CALM	[illegible]	[illegible].0	[illegible].0					[illegible]	[illegible].2	[illegible]	[illegible]			[illegible]
TOTAL	[illegible]	[illegible]5	[illegible]0					55	537	49	485		1	1[illegible]1
% TOTAL	[illegible].7	3.0	1.2					2.2	21.7	2.0	19.6		.0	5[illegible].5

TOTAL NUMBER OF OBSERVATIONS [illegible],4[illegible]

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

[illegible] 5	[illegible]SACOLA, FLORIDA	JANUARY 1973-DECEMBER 1982	APRIL	ALL
STATION	STATION NAME	YEARS	MONTH	HOURS (EST)

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	BLOWING SAND AND DUST	NO WEATHER
N	[illegible]	.4						.9	[illegible].7	1.3	[illegible].2			[illegible]6.2
NNE	[illegible]	6.8						5.8	15.5	4.9	11.7			64.1
NE	7.3	8.4	1.2					3.6	12.0	6.0	10.8			67.5
ENE	4.5	5.1						3.0	12.1	1.5	22.7			63.6
E	[illegible].9	2.7	1.8					1.8	1[illegible].9	.9	21.6			57.7
ESE	[illegible].3	1.1	1.1					1.7	[illegible].3		28.9			60.6
SE	5.7	2.4						1.4	11.4	2.9	41.9			50.5
SSE	2.4	1.4						.5	12.4	1.4	48.6			43.3
S		.9						.6	15.6	.9	36.1			54.4
SSW	1.[illegible]	2.7						1.3	12.[illegible]	.7	31.5			59.1
SW	.[illegible]	3.[illegible]						.9	7.9	.9	29.8			63.2
WSW		.9							[illegible].2	.9	17.4			75.2
W		[illegible].9						1.[illegible]	[illegible].7		14.3			80.[illegible]
WNW									[illegible].5	2.8	7.[illegible]			84.5
NW	[illegible].1	1.1							6.[illegible]	2.3	[illegible].0			86.4
NNW	1.[illegible]	2.2	.7					.7	[illegible].[illegible]	.7	5.2			86.6
VARIABLE														
CALM	[illegible]	[illegible].2	[illegible].1					[illegible].1	[illegible]2.6	[illegible].4	[illegible]1.5			[illegible]3.7
TOTAL	[illegible]1	3	7					30	276	46	596			1545
% TOTAL	[illegible].[illegible]	2.2	.3					1.[illegible]	11.5	1.9	24.8			64.4

TOTAL NUMBER OF OBSERVATIONS [illegible],400

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

[illegible] PENSACOLA, FLORIDA — JANUARY 1973-DECEMBER 1982 — MAY — ALL

STATION — STATION NAME — YEARS — MONTH — HOURS (L.S.T.)

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	BLOWING SAND AND DUST	NO WEATHER
N	1.[illegible]	2.0						1.0	1[illegible].1	4.[illegible]	30.2			57.8
NNE	[illegible].1	2.1						1.0	21.9	5.2	27.1			55.[illegible]
NE	1.1	2.2						2.2	[illegible].8	7.6	37.0			55.4
ENE	2.[illegible]	5.9						3.9	13.7	3.9	27.5			60.8
E	4.5	[illegible].0						5.7	5.7	6.8	28.4			59.1
ESE	[illegible].2	3.5						2.6	5.2		39.1			56.5
SE	2.[illegible]	4.5						2.6	2.0	1.0	31.5			62.5
SSE	1.[illegible]	2.4						1.4	[illegible].8	.[illegible]	27.5			68.[illegible]
S	.[illegible]	2.4	.3					1.1	[illegible].6	.5	25.8			[illegible].[illegible]
SSW	[illegible].[illegible]	2.7						3.8	[illegible].4	1.1	23.9			66.8
SW		1.6	.5					1.0	1.6	1.6	30.2			66.7
WSW	[illegible].2	1.2						2.5			19.9			77.6
W		.7	.7					.7	[illegible].4	1.4	23.[illegible]			75.[illegible]
WNW		[illegible].6						3.6	13.5		21.2			67.3
NW		7.9						5.3	11.[illegible]	10.5	23.7			59.[illegible]
NNW	.[illegible]	1.7	1.7					3.4	1[illegible].3	3.4	27.4			59.8
VARIABLE														
CALM	[illegible]	[illegible].4						[illegible].2	15.9	11.9	[illegible]2.5			[illegible].[illegible]
TOTAL	[illegible]7	72	5					55	173	67	691			1595
% TOTAL	1.[illegible]	2.9	.2					2.2	7.0	2.7	27.9			64.3

TOTAL NUMBER OF OBSERVATIONS 2,4[illegible]0

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH	HOURS
[illegible]	PENSACOLA, FLORIDA	JANUARY 1973-DECEMBER 1982	JUNE	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	BLOWING SAND AND DUST	NO WEATHER
N	.[illegible]	1.1	.5					2.7	2.7	7.[illegible]	31.4			63.2
NNE	.[illegible]	.9						.9	[illegible].0	4.5	43.8			[illegible].[illegible]
NE	1.7							1.7	11.7	5.0	38.3			56.7
ENE	4.[illegible]	[illegible].3						12.6	2.1	6.3	33.3			54.2
E	1.[illegible]	5.1						5.1		1.3	13.9			75.9
ESE	1.[illegible]	11.5						6.6	3.3		21.3			67.2
SE	2.[illegible]	3.8						7.5			13.8			78.9
SSE	.[illegible]	.7						1.4			10.3			86.9
S	.[illegible]							1.6		.3	16.1			80.1
SSW		3.4						2.4	2.0		18.5			76.6
SW		1.6						1.6	.8		23.0			74.6
WSW	.	.8						1.7	1.7		25.0			72.[illegible]
W	1.	3.1						3.6	1.[illegible]	1.5	19.4			73.[illegible]
WNW	1.[illegible]	2.2						3.3	2.2	3.3	21.7			72.8
NW	4.	2.7						4.0	[illegible].3	4.0	30.7			56.[illegible]
NNW	.[illegible]	[illegible].4						5.4	5.4	2.7	28.6			60.7
VARIABLE														
CALM	[illegible]	[illegible].0						[illegible].6	[illegible].3	[illegible].6	[illegible].6			[illegible].[illegible]
TOTAL	[illegible]4	[illegible]5	1					71	[illegible]9	47	563			17[illegible]9
% TOTAL	1.	2.3	.0					3.0	2.5	2.0	23.3			71.2

TOTAL NUMBER OF OBSERVATIONS 2,4[illegible]0

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

[illegible] / STATION — [illegible]ACOLA, FLORIDA / STATION NAME — JANUARY 1973-DECEMBER 1982 / YEARS — JULY / MONTH — ALL / HOURS

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	BLOWING SAND AND DUST	NO WEATHER
N	[illegible]	5.4						7.8	[illegible]	7.2	[illegible]			[illegible]
NNE	[illegible]	[illegible]						7.3	9.6	9.8	36.6			[illegible]
NE	[illegible]	5.2						8.1	[illegible]	6.5	37.1			[illegible]
ENE	[illegible]	[illegible]						6.9	[illegible]	6.9	36.1			[illegible]
E	[illegible]	3.4						6.8	5.7		33.0			[illegible]
ESE	[illegible]	6.1						9.8	1.2	1.2	25.6			[illegible]
SE	[illegible]	[illegible]	1.0					[illegible]	[illegible]	1.0	15.0			[illegible]
SSE	[illegible]	9.1						10.4	1.8		18.2			[illegible]
S	[illegible]	3.9						[illegible]	1.2		19.4			[illegible]
SSW	[illegible]	[illegible]						4.1	2.5		17.8			[illegible]
SW	[illegible]	2.7					.4	6.7	2.2		20.4			71.6
WSW	[illegible]	[illegible]						[illegible]		[illegible]	17.6			[illegible]
W	[illegible]	[illegible]						4.5	5.8	.8	24.8			[illegible]
WNW	[illegible]	7.9						[illegible]	7.9	1.6	34.1			[illegible]
NW	[illegible]	[illegible]						[illegible]	7.9	.9	[illegible]			[illegible]
NNW	[illegible]	[illegible]						2.5	[illegible]	.4	[illegible]			61.2
VARIABLE														
CALM	[illegible]	[illegible]						[illegible]	[illegible]	[illegible]	[illegible]			[illegible]
TOTAL	[illegible]4	117	1				1	148	114	53	636			[illegible]
% TOTAL	[illegible].2	4.7	.0				.0	6.0	4.6	2.1	25.6			[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

STATION: [illegible] PENSACOLA, FLORIDA (STATION NAME) | YEARS: JANUARY 1973-DECEMBER 1982 | MONTH: AUGUST | HOUR: 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	BLOWING DUST AND SAND	NO WEATHER
N	2.1	2.1						5.7	11.9	3.6	37.1			40.2
NNE	1.7	1.7						7.6	12.2	10.2	35.6			52.5
NE	2.1	4.9					.7	4.9	5.6	9.1	38.5			50.7
ENE	2.5	6.6						5.2	8.6		27.9			59.9
E	1.0	4.2						7.7	1.0	1.5	25.3			63.4
ESE	3.2	3.0						3.8	.8		19.7			72.5
SE	.7	4.1						6.2			15.2			79.3
SSE	.1	1.4						2.1	.7		15.5			80.3
S	1.2	3.2						5.3	1.2		14.6			78.9
SSW	1.3	3.9						5.2	.6		12.3			82.5
SW	1.4	1.4						5.8			17.4			76.1
WSW	.1	2.2						4.1	2.1		21.6			71.1
W	2.3	6.2						5.5	1.4		15.2			73.8
WNW	1.3	9.2						5.3	5.3		25.0			64.5
NW	2.4	5.9						5.9	7.4	4.4	22.1			66.2
NNW	.7	2.8						7.4	1.2	4.6	20.6			65.6
VARIABLE														
CALM	[illegible]	1.9						1.9	2.0	2.6	21.2			72.4
TOTAL	45	99					1	131	101	63	569			1687
% TOTAL	1.8	4.0					.0	5.3	4.1	2.5	22.9			68.0

TOTAL NUMBER OF OBSERVATIONS 2,480

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

[illegible] (STATION) [illegible] PENSACOLA, FLORIDA (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEAR) SEPTEMBER (MONTH) ALL (HOUR)

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	BLOWING SAND AND DUST	NO WEATHER
N	2.[illegible]	.6						2.1	12.2	5.[illegible]	33.[illegible]			56.6
NNE	[illegible].7	2.2						1.7	12.8	5.6	40.6			48.[illegible]
NE	[illegible].1	.7	1.4					2.2	15.9	7.2	[illegible].3			[illegible].3
ENE	[illegible].5	1.1						.6	6.1	2.8	30.[illegible]			[illegible].1
E	[illegible].3	5.5						6.7	5.9	.8	24.8			60.[illegible]
ESE	1.[illegible]	6.6						2.8	1.9	.9	14.2			75.5
SE	7.2	2.9						7.2	1.4		18.0			69.9
SSE	1.7	9.6						5.1	1.7		13.6			75.1
S	[illegible].1	2.1						3.1	1.0	1.0	19.9			74.[illegible]
SSW		[illegible].1						3.1	1.0		12.2			80.6
SW	.1	2.1						5.3	1.1		16.3			76.9
WSW	1.[illegible]	4.5						3.[illegible]			21.2			71.2
W		[illegible].0						2.[illegible]	[illegible].1		23.2			74.7
WNW		1.6						1.6	[illegible].3	1.6	31.3			65.6
NW	1.[illegible]							1.5	[illegible].0	3.0	23.9			70.1
NNW	.[illegible]							2.7	14.2	2.7	3[illegible].1			63.7
VARIABLE														
CALM	[illegible].7	1.[illegible]						[illegible].9	11.2	5.6	29.0			51.[illegible]
TOTAL	77	[illegible]9	2					77	156	61	611			15[illegible]3
% TOTAL	3.[illegible]	2.9	.1					3.2	6.9	2.5	25.5			65.1

TOTAL NUMBER OF OBSERVATIONS 2,4[illegible]0

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PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

STATION: [illegible] | STATION NAME: [illegible], FLORIDA | YEARS: JANUARY 1973-DECEMBER 1982 | MONTH: OCTOBER | HOUR: 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	BLOWING SAND AND DUST	NO WEATHER
N	[illegible]	1.2	.2					.4	[illegible].1	5.6	17.1			[illegible]
NNE	[illegible]	1.[illegible]	.5					1.0	7.3	5.9	15.1			[illegible]
NE	[illegible]								11.[illegible]	7.7	19.9			66.7
ENE	[illegible]	.[illegible]							[illegible].9	2.2	1[illegible].5			[illegible]
E	4.[illegible]	.7						.7	[illegible].5	1.5	16.4			77.6
ESE	2.[illegible]	1.5							2.9	1.5	15.4			79.4
SE	[illegible].[illegible]	1.9							[illegible].6	.6	16.1			77.6
SSE	1.[illegible]	.9						.9			9.8			87.7
S	[illegible].[illegible]	1.5						.8	2.3		14.4			76.[illegible]
SSW	1.[illegible]	7.[illegible]						1.8	1.8	1.8	9.1			[illegible]
SW	1.[illegible]	1.9							[illegible].3		8.8			84.2
WSW	.[illegible]							[illegible].2			17.4			[illegible]
W	[illegible].3	1.2							[illegible].[illegible]		17.4			76.7
WNW	[illegible].5	2.3	[illegible].3						13.[illegible]		13.6			75.[illegible]
NW	1.[illegible]								[illegible].0	3.0	11.9			77.6
NNW	1.[illegible]	1.0						.5	[illegible].1	3.3	16.7			76.1
VARIABLE														
CALM	[illegible]								[illegible].4	[illegible].4	[illegible].[illegible]			[illegible]
TOTAL	[illegible]7	[illegible]9	3					11	16[illegible]	74	387			1879
% TOTAL	[illegible].1	1.2	.1					.4	6.[illegible]	3.0	15.6			[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS 2,4[illegible]

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

STATION [illegible], FLORIDA (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) NOVEMBER (MONTH) ALL (HOURS)

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	BLOWING SAND AND DUST	NO WEATHER
N	[illegible]	.3	1.6					.3	13.0	2.6	12.2			72.[illegible]
NNE	[illegible]		1.5						12.2	2.0	12.2			76.5
NE	4.[illegible]		.7						11.1	7.8	15.0			67.3
ENE	[illegible].2	.6	1.2						12.9	1.2	14.5			71.4
E	[illegible]	.7	1.4					.7	17.9	2.5	16.8			68.[illegible]
ESE	[illegible]	1.0	.5						11.5	1.[illegible]	25.6			60.[illegible]
SE	[illegible].2	1.7						.8	13.3	.8	21.7			64.2
SSE	[illegible]	.8	.8						[illegible].2	.6	20.5			[illegible].6
S	[illegible]	3.4	.6					1.1	[illegible].3	.6	18.3			74.6
SSW	5.[illegible]	[illegible].1						3.4	15.3	1.7	6.8			72.9
SW	[illegible].7	5.5						2.2	17.4	4.3	15.2			60.[illegible]
WSW	[illegible]	2.6	2.6					2.6	23.7		2.6			73.7
W	[illegible]	4.3						2.9	27.2	1.4	11.6			62.[illegible]
WNW	[illegible]								11.3	1.[illegible]	5.7			79.[illegible]
NW	[illegible]	3.6	.9					1.8	11.7	.9	4.5			78.4
NNW	[illegible].4	.6							[illegible].3	1.1	5.5			83.4
VARIABLE														
CALM			1.9						31.2	3.[illegible]	7.7			71.2
TOTAL	11[illegible]	[illegible]0	22					14	346	50	343			169[illegible]
% TOTAL	[illegible]	1.3	.9					.6	14.4	2.1	14.2			70.[illegible]

TOTAL NUMBER OF OBSERVATIONS 2,4[illegible]

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

[illegible] PENSACOLA, FLORIDA JANUARY 1973-DECEMBER 1982 DECEMBER 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	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND DUST	NO WEATHER
N	[illegible]	.2	.7					.2	[illegible]	.2	[illegible]			[illegible]
NNE	[illegible]	.5	.5						[illegible]	1.6	15.[illegible]			[illegible]
NE	[illegible]		.7						11.5	.7	9.4			[illegible]
ENE	[illegible]		1.3						[illegible]	4.0	11.3			[illegible]
E	[illegible]	.8	1.9					.4	[illegible]	1.1	15.6			[illegible]
ESE	[illegible]								[illegible]		34.4			[illegible]
SE	[illegible]	.9						.9	[illegible]		27.8			[illegible]
SSE	[illegible]	3.5						1.2	[illegible]	2.4	29.4			[illegible]
S	[illegible]	3.4						2.8	[illegible]	4.1	15.2			[illegible]
SSW	[illegible]	2.3	1.1						[illegible]	1.1	18.7			[illegible]
SW	[illegible]	1.4						1.4	[illegible]	1.4	13.[illegible]			[illegible]
WSW	[illegible]	1.7							[illegible]	1.7	8.6			[illegible]
W	[illegible]	4.4						1.1	[illegible]	2.2	5.5			[illegible]
WNW	[illegible]	1.3						1.3	[illegible]	1.3	6.7			[illegible]
NW	[illegible]	3.3	.8						[illegible]	.8	5.7			[illegible]
NNW	[illegible]	.4	.4						[illegible]		4.[illegible]			[illegible]
VARIABLE														
CALM	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]			[illegible]
TOTAL	142	[illegible]	15					11	37[illegible]	32	326			1791
% TOTAL	5.7	1.1	.6					.4	15.0	1.3	13.2			[illegible]

TOTAL NUMBER OF OBSERVATIONS 2,47[illegible]

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4

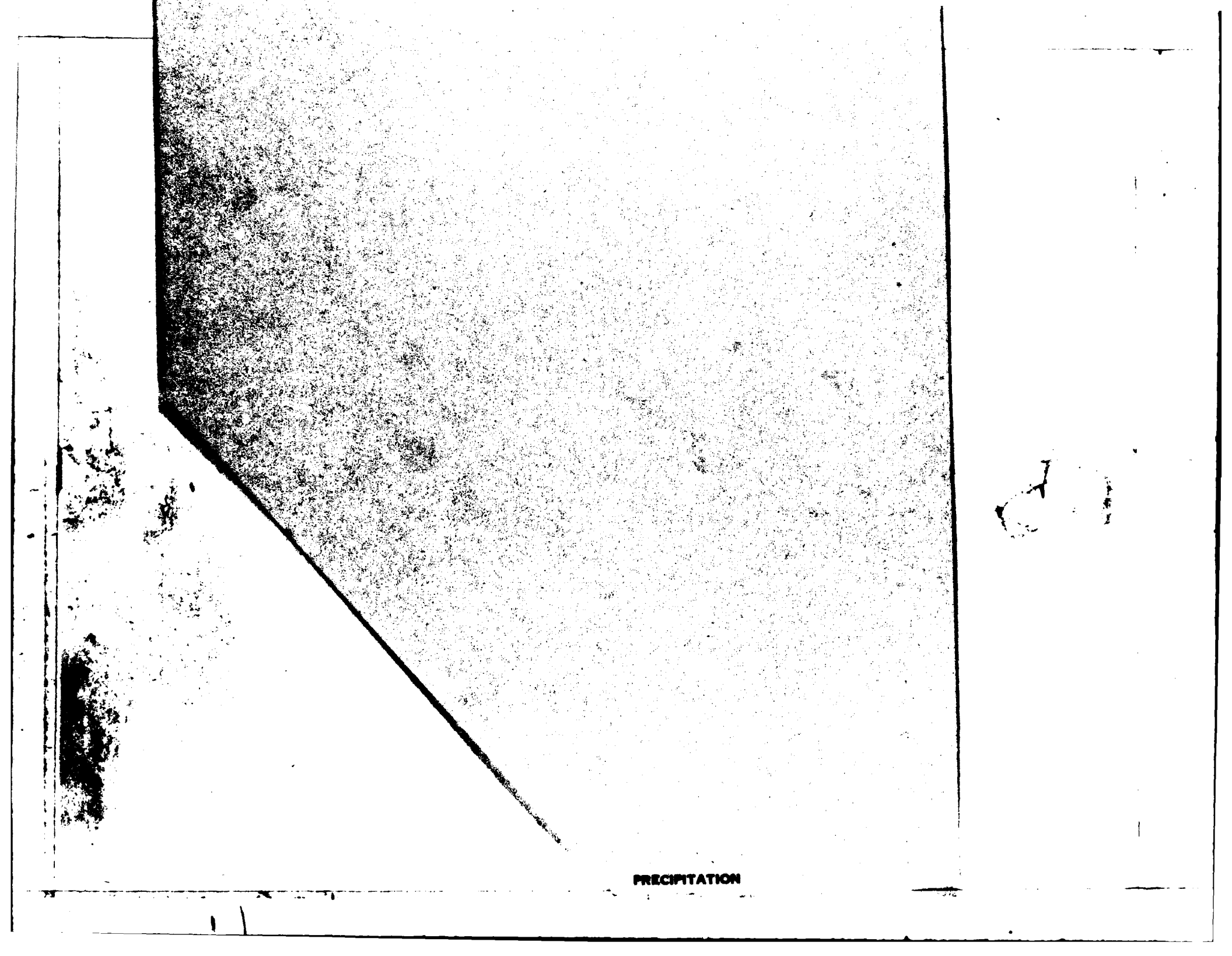
PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

STATION	STATION NAME	YEAR	MONTH	HOUR
[illegible]	[illegible], FLORIDA	JANUARY 1973-DECEMBER 1982	ALL	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	BLOWING SAND AND DUST	N WEATHER
N	.1	1.2	.5	.0	.1	.1		1.5	11.5	3.1	17.7			75.4
NNE	4.4	1.8	.7		.1			1.6	12.2	4.3	21.7			64.6
NE	.6	1.9	.8		.1		.1	2.0	11.8	5.5	21.7			57.1
ENE	.5	2.7	.9		.1			2.3	12.9	2.7	19.8			54.5
E	6.	3.7	1.3					3.2	14.6	1.5	19.3			42.7
ESE	1.2	2.5	1.3					2.0	10.0	.7	25.4			58.4
SE	4.7	2.8	.2					2.5	12.9	1.2	24.1			52.1
SSE	.	3.1	.1					2.3	15.9	1.0	24.4			44.4
S	1.3	2.3	.2					2.1	15.1	1.3	22.1			66.3
SSW	1.2	3.7	.1					2.7	9.4	.9	16.3			63.7
SW	1.7	2.5	.5				.1	2.9	7.3	1.1	20.4			69.5
WSW	1.	3.	.5				.1	3.2	.7	.5	18.1		.1	73.5
W	.	1.0	.1					2.4	.6	1.4	17.4			75.0
WNW	1.	2.3	.2		.1	.1		2.4	5.3	1.5	17.5			71.9
NW	.	1.1	.3					2.1	9.1	2.8	15.0			73.5
NNW	1.	1.6	.4					1.5	7.2	1.6	14.4			76.3
VARIABLE														
CALM	1.4	1.9	.4					1.9	1.5	1.6	22.3			51.4
TOTAL	1 [illegible]	7 5	149	1	7	4	3	644	7251	642	5856		1	1057
% TOTAL	1.4	2.4	.5	.0	.0	.0	.0	2.2	11.1	2.2	20.1		.0	67.

TOTAL NUMBER OF OBSERVATIONS 2[illegible],25[illegible]

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PRECIPITATION

CO. Federal Building
neville, N. C.

ART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

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

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

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.

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 PRECIPITATION
(FROM DAILY OBSERVATIONS)

[illegible] PENSACOLA, FLORIDA 55-6[illegible]
STATION STATION NAME YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00					
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4			MEAN	GREATEST	LEAST
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	[illegible]	11.1	1.[illegible]	[illegible].6	[illegible].9	6.7	[illegible].6	4.3	3.[illegible]	.5				33.[illegible]	2[illegible]7	4.33	12.[illegible]4	.6[illegible]
FEB	[illegible]	10.2	2.[illegible]	3.7	4.2	7.5	4.1	[illegible].9	4.[illegible]	.3	.1			32.9	763	4.42	[illegible].1	1.[illegible]
MAR	[illegible].5	10.[illegible]	3.2	3.6	[illegible].9	3.3	[illegible].[illegible]	5.5	4.1	.5		.1		31.7	537	[illegible].[illegible]	15.[illegible]2	.2[illegible]
APR	[illegible].[illegible]	[illegible].[illegible]	1.[illegible]	4.[illegible]	1.1	2.5	4.[illegible]	3.0	4.[illegible]	.7				21.2	[illegible]13	3.8[illegible]	[illegible].[illegible]	.1[illegible]
MAY	[illegible].[illegible]	7.[illegible]	1.[illegible]	4.3	[illegible].[illegible]	4.7	[illegible].7	3.3	[illegible].[illegible]	.7				[illegible]2.[illegible]	[illegible]37	3.67	[illegible].1[illegible]	[illegible]6 AC
JUN	[illegible].[illegible]	11.[illegible]	[illegible].[illegible]	[illegible].3	4.[illegible]	5.8	[illegible].[illegible]	3.5	[illegible].[illegible]	1.2	.1			33.1	340	4.67	[illegible].4[illegible]	.7[illegible]
JUL	[illegible].[illegible]	11.[illegible]	2.4	6.8	[illegible].0	7.6	6.[illegible]	6.[illegible]	[illegible].[illegible]	1.5				41.2	[illegible]68	6.63	13.71	2.[illegible]
AUG	[illegible].[illegible]	1 .1	[illegible].[illegible]	7.3	3.6	[illegible].6	7.3	[illegible].5	3.1	.8				45.1	868	[illegible].87	12.[illegible]1	2.[illegible]
SEP	[illegible].[illegible]	[illegible]	[illegible].[illegible]	4.6	[illegible].[illegible]	5.4	[illegible].[illegible]	[illegible].6	4.[illegible]	1.5	.4	.1		31.[illegible]	[illegible]40	6.72	[illegible].11	1.[illegible]
OCT	[illegible].[illegible]	[illegible].[illegible]	1.[illegible]	[illegible].3	2.4	1.8	2.3	[illegible].[illegible]	2.[illegible]	.6	.[illegible]			19.[illegible]	568	3.98	[illegible].[illegible]	[illegible]
NOV	[illegible].1	[illegible]	1.1	4.[illegible]	[illegible].[illegible]	[illegible].6	4.[illegible]	3.7	[illegible].[illegible]	.4				23.[illegible]	[illegible]4[illegible]	[illegible].2[illegible]	[illegible].47	.[illegible]
DEC	[illegible].[illegible]	1 .[illegible]	[illegible].[illegible]	[illegible].[illegible]	4.[illegible]	5.1	[illegible].5	4.5	[illegible].[illegible]	.5				[illegible]9.[illegible]	[illegible]68	[illegible].[illegible]7	[illegible].47	.[illegible]
ANNUAL	[illegible].7	[illegible]	[illegible].[illegible]	4.3	[illegible].4	5.2	4.[illegible]	4.6	[illegible].[illegible]	.4	.1	.[illegible]		29.7	10076	56.44		

NAVWEASERVCOM

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(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	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

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOW DEPTH
(FROM DAILY OBSERVATIONS)

[illegible] | [illegible]PENSACOLA, FLORIDA | [illegible]55-8[illegible]
STATION | STATION NAME | YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	[illegible]9	.1													837			
FEB	[illegible]	.1	.7											.3	763			
MAR	[illegible]														837			
APR	[illegible]														810			
MAY	[illegible]														837			
JUN	[illegible]														840			
JUL	[illegible]														868			
AUG	[illegible]														868			
SEP	[illegible]														840			
OCT	[illegible]														868			
NOV	[illegible]														840			
DEC	[illegible]														868			
ANNUAL	[illegible]													[illegible]	10076			

NAVWEASERVCOM

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

[illegible]	PENSACOLA, FLORIDA	55-57
STATION	STATION NAME	YEARS

24 HOUR AMOUNTS IN INCHES

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]55						1.66	1.63	3.20	.62	2.10	.44	.51	
56	1.69	1.33	2.72	1.34	.77	3.99	1.63	1.24	7.58	2.14	.45	1.79	7.58
57	.21	.73	1.07	2.56	1.55	2.30	1.34	2.11	2.51	1.68	2.10	.51	2.56
[illegible]	1.41	1.54	1.99	2.39	.83	1.40	3.45	2.19	2.70	.45	1.47	.46	3.45
[illegible]	.11	.84	1.73	1.91	2.07	3.21	1.33	1.32	.16	4.66	.79	.68	4.66
[illegible]	1.35	2.16	1.25	2.80	2.56	.28	2.53	1.44	4.52	1.46	.68	.43	4.52
[illegible]1	.43	1.15	1.69	1.42	1.01	5.07	1.27	1.90	.97	.42	1.61	2.45	5.07
[illegible]2	1.69	.36	.97	.83	.01	.90	1.35	1.62	1.27	1.18	1.32	.92	1.82
[illegible]3	1.21	1.88	.53	.54	.64	3.40	4.98	1.10	3.56	TRACE	1.66	1.51	4.98
[illegible]4	3.46	1.70	1.29	4.09	.22	.72	.99	1.91	1.36	7.92	.96	2.99	7.92
[illegible]5	1.63	2.50	.94	1.28	TRACE	3.99	1.59	1.29	2.64	1.11	.59	1.21	3.99
66	1.17	2.12	.54	1.82	1.24	.75	1.25	4.23	1.30	1.21	.50	2.36	4.23
67	1.82	2.16	.24	1.41	1.51	1.17	.79	4.51	13.46	5.51	.51	2.30	13.46
[illegible]	.26	.64	1.33	.47	1.46	1.59	1.60	1.94	1.64	.52	.93	1.34	1.94
[illegible]	1.21	1.17	1.41	1.14	3.13	2.80	4.01	3.05	1.33	1.17	.34	1.14	4.01
[illegible]	2.49	2.44	1.49	1.91	2.31	3.43	1.84	1.25	1.34	5.42	.50	.86	5.42
71	.52	1.70	.64	.28	.94	1.56	2.69	1.63	1.96	.01	2.53	1.34	2.69
72	1.09	1.02	1.41	.52	2.79	2.33	2.35	1.27	.71	2.69	1.31	3.15	3.15
73	1.39	2.40	1.49	2.72	1.10	1.55	2.87	1.42	3.44	1.30	.52	2.79	3.44
74	.93	.64	1.19	.94	.83	1.14	1.30	2.70	2.79	.80	.79	.86	2.79
75	1.17	1.33	3.27	1.46	1.06	1.80	3.29	1.47	3.51	2.85	2.56	1.11	3.51
76	3.93	.36	2.09	1.07	4.49	1.71	1.63	1.68	2.84	3.51	2.69	1.31	4.49
77	.39	.41	.88	2.67	1.21	.51	1.50	2.70	.98	1.21	1.76	1.39	2.70
78	4.57	1.23	2.29	3.08	4.47	4.39	1.60	3.43	1.16	TRACE	2.02	3.40	4.57
79	1.79	2.16	14.11	2.11	2.49	.42	2.27	1.53	3.68	.27	1.62	.53	14.10
[illegible]	2.41	.75	3.17	2.24	1.63	1.67	1.28	1.70	1.88	1.76	1.58	.22	7.12
81	.55	7.18	2.19	.17	2.54	1.41	3.00	.69	1.69	4.35	.28	3.37	7.56
82	.96	4.15	1.16	1.05	.31	4.14	2.65	1.04	.63	1.91	1.37	2.19	4.15
MEAN	1.63	1.78	2.04	1.64	1.61	2.09	2.07	2.00	2.79	2.07	1.22	1.55	4.04
S.D.	1.063	1.436	2.550	.965	1.184	1.354	.977	.972	2.664	1.946	.714	.956	3.019
TOTAL OBS.	837	713	837	813	837	840	868	868	840	868	840	868	10076

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION	STATION NAME	YEARS
[illegible] 5	PENSACOLA, FLORIDA	55-62

24 HOUR 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
55					3.57 29								PRCIP DAYS
MEAN													
S. D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SNOWFALL
(FROM DAILY OBSERVATIONS)

[illegible] STATION | PENSACOLA, FLORIDA STATION NAME | 55-80 YEARS

24 HOUR AMOUNTS IN INCHES

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]5						.0	.0	.0	.0	.0	.0	.0	
56	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2
59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
64	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
67	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
68	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
69	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	TRACE	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
79	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
80	.0	TRACE	TRACE	TRACE	.0	.0	TRACE	.0	.0	.0	.0	.0	TRACE
81	.0	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
82	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
MEAN	.00	.04	TRACE	TRACE	.01	.00	TRACE	.00	.00	.00	.00	TRACE	.09
S.D.	.01	.265	.100	.000	.000	.000	.000	.000	.000	.000	.000	.000	.294
TOTAL OBS.	837	763	837	810	837	840	868	868	840	868	840	868	10076

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SNOWFALL
(FROM DAILY OBSERVATIONS)

13 S — STATION
PENSACOLA, FLORIDA — STATION NAME
55-6? — 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
55					79								SNOFALL DAYS
MEAN													
S.D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

[illegible] PENSACOLA, FLORIDA 55-[illegible]
STATION STATION NAME YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
55						0	0	0	0	0	0		
56		0				0	0	0	0	0	0		
57						0	0	0	0	0	0		0
58		1				0	0	0	0	0	0		1
59						0	0	0	0	0	0		
60						0	0	0	0	0	0		
61						0	0	0	0	0	0		
62						0	0	0	0	0	0		
63						0	0	0	0	0	0		
64						0	0	0	0	0	0		
65						0	0	0	0	0	0		
66						0	0	0	0	0	0		
67						0	0	0	0	0	0		
68						0	0	0	0	0	0		
69						0	0	0	0	0	0		0
70						0	0	0	0	0	0		
71						0	0	0	0	0	0		
72		TRACE				0	0	0	0	0	0		TRACE
73						0	0	0	0	0	0		
74						0	0	0	0	0	0		
75						0	0	0	0	0	0		
76						0	0	0	0	0	0		
77						0	0	0	0	0	0		
78	TRACE					0	0	0	0	0	0		TRACE
79						0	0	0	0	0	0		
80	0					0	0	0	0	0	0		
81						0	0	0	0	0	0		
82	0	0	0	0		0	0	0	0	0	0		0
MEAN	TRACE	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S.D.	.000	.112	.000	.000	.001	.000	.000	.000	.000	.000	.000	.000	.162
TOTAL OBS.	937	763	837	810	837	840	868	868	840	868	840	868	10075

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

72 S	PENSACOLA, FLORIDA	55-82
STATION	STATION NAME	YEARS

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

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
75					29								SNO DPTH DAYS
MEAN													
S.D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

STATION: PENSACOLA, FLORIDA (STATION NAME) — YEARS: 1956-1982

JANUARY

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.70	43	1979			
2	0.71	18	1977	T	T	1979
3	0.45	11	1982			
4	0.77	20	1972			
5	1.60	41	1962			
6	1.71	43	1964			
7	1.78	45	1979			
8	3.46	88	1964			
9	0.82	21	1962			
10	0.36	9	1975	T	T	1962
11	2.48	63	1970	T	T	1973
12	0.96	24	1982	T	T	1982*
13	0.75	19	1967	T	T	1964
14	2.38	60	1977	T	T	1982
15	0.73	19	1959			
16	0.82	21	1964			
17	1.26	32	1963			
18	1.04	26	1969	0.1	3	1977
19	1.20	30	1963	T	T	1977*
20	1.41	36	1958			
21	1.38	35	1973	T	T	1979
22	1.69	43	1956			
23	1.60	41	1965			
24	4.57	116	1979	T	T	1963
25	3.96	101	1978			
26	3.93	100	1976			
27	0.87	22	1974	T	T	1978
28	0.28	7	1961	T	T	1979
29	2.93	74	1974			
30	2.11	54	1959	T	T	1975*
31	0.82	21	1964	0.1	3	1977
Monthly	4.57	116	1979	0.1	3	1977

FEBRUARY

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	2.44	62	1970			
2	4.15	105	1982			
3	1.02	26	1972			
4	2.16	55	1960			
5	0.95	24	1971			
6	2.66	68	1967			
7	1.70	43	1971			
8	1.87	47	1969	T	T	1978
9	2.40	61	1973	1.0	25	1973
10	7.58	193	1981	T	T	1973
11	1.80	46	1963			
12	1.71	43	1966	1.2	30	1958
13	0.49	12	1965	T	T	1980
14	1.45	37	1969	T	T	1969
15	1.03	26	1956			
16	1.35	34	1982			
17	0.73	19	1964			
18	1.45	37	1963			
19	0.35	9	1974			
20	0.87	22	1979			
21	1.24	31	1960			
22	1.15	29	1961			
23	1.22	31	1979	T	T	1968
24	1.62	41	1979	T	T	1968
25	0.78	20	1964			
26	1.37	35	1982			
27	1.70	43	1964			
28	2.12	54	1966			
29	T	T	1980*			
30						
31						
Monthly	7.58	193	1981	1.2	30	1958

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

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

STATION	STATION NAME	YEARS
	PENSACOLA, FLORIDA	1956-1982

MARCH
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.25	32	1980			
2	1.41	36	1972	T	T	1987
3	14.10	358	1979			
4	1.41	36	1970			
5	1.87	47	1958			
6	1.99	51	1958			
7	2.79	58	1978			
8	2.02	51	1976			
9	1.60	41	1980			
10	1.33	34	1968			
11	2.72	69	1956			
12	0.36	9	1977			
13	0.65	17	1971			
14	1.78	45	1959			
15	1.10	28	1960			
16	0.95	24	1969			
17	3.41	87	1969			
18	3.27	83	1975			
19	1.12	28	1964			
20	1.06	27	1973			
21	1.07	27	1957			
22	2.15	55	1981			
23	0.65	17	1957	T	T	1969
24	0.89	23	1973			
25	0.89	23	1964			
26	2.09	53	1976			
27	0.55	14	1976*			
28	1.24	33	1980			
29	3.12	79	1980			
30	1.44	38	1970			
31	0.97	25	1962			
Monthly	14.10	358	1979	T	T	1980*

APRIL
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	2.56	65	1957			
2	2.24	57	1980			
3	2.80	71	1960			
4	1.59	40	1980	T	T	1980
5	0.86	22	1969			
6	1.62	46	1964			
7	1.36	35	1973			
8	1.05	27	1982			
9	2.39	61	1958			
10	1.91	49	1959			
11	1.91	49	1970			
12	3.08	78	1978			
13	1.54	39	1964			
14	1.48	38	1958			
15	0.67	17	1958			
16	0.17	4	1972			
17	0.48	12	1969			
18	1.82	46	1966			
19	1.23	31	1966			
20	1.50	38	1959			
21	0.42	11	1975			
22	2.67	68	1977			
23	0.51	13	1979			
24	2.11	54	1979			
25	1.28	33	1965			
26	4.09	104	1964			
27	1.13	29	1965			
28	0.80	20	1962			
29	0.47	12	1968			
30	0.92	23	1957	T	T	1981
31						
Monthly	4.09	104	1964	T	T	1981*

* 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

PENSACOLA, FLORIDA — STATION NAME
1955-1982 — YEARS

MAY — MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.87	22	1981			
2	0.47	12	1967			
3	4.47	114	1978			
4	0.57	14	1967			
5	0.61	15	1960			
6	0.77	20	1955			
7	2.79	71	1972			
8	1.13	30	1969			
9	1.05	27	1961			
10	0.44	11	1958			
11	0.58	22	1974			
12	0.61	15	1959			
13	2.03	52	1970			
14	2.31	59	1976			
15	0.62	31	1975			
16	3.57	91	1955			
17	2.13	54	1978			
18	1.58	40	1969			
19	2.49	63	1981			
20	0.51	13	1955			
21	0.31	8	1966			
22	1.51	38	1967			
23	2.46	62	1979			
24	0.14	4	1973			
25	0.94	24	1971			
26	2.54	65	1981			
27	4.49	114	1976			
28	1.21	31	1977			
29	2.25	57	1970			
30	2.32	59	1970			
31	1.27	32	1970			
Monthly	4.49	114	1976			

JUNE — MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.41	36	1956			
2	1.61	41	1970			
3	3.43	87	1970			
4	0.11	3	1965			
5	0.82	21	1959			
6	0.62	16	1978			
7	1.44	37	1965			
8	4.39	112	1975			
9	0.49	12	1959			
10	3.99	101	1965			
11	3.01	76	1959			
12	0.90	23	1962			
13	3.99	101	1956			
14	1.36	35	1971			
15	1.27	32	1958			
16	1.08	27	1956			
17	1.56	40	1971			
18	1.67	42	1980			
19	3.40	86	1963			
20	5.07	129	1961			
21	2.80	71	1969			
22	0.58	15	1967			
23	1.00	25	1975			
24	2.67	68	1961			
25	1.27	32	1970			
26	1.40	36	1958			
27	4.14	105	1982			
28	0.85	22	1976			
29	0.75	19	1966			
30	0.18	5	1964			
31						
Monthly	5.07	129	1961			

* 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: | STATION NAME: PENSACOLA, FLORIDA | YEARS: 1955-1982

JULY

MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.66	17	1967			
2	1.50	38	1977			
3	3.00	76	1981			
4	2.53	64	1960			
5	0.84	21	1962			
6	0.72	18	1976			
7	1.63	41	1976			
8	3.45	88	1958			
9	1.95	50	1981			
10	1.06	27	1959			
11	1.95	50	1979			
12	1.40	36	1979			
13	1.63	41	1955			
14	1.25	32	1966			
15	0.95	24	1978			
16	1.84	47	1970			
17	2.74	70	1969			
18	1.62	41	1956			
19	1.28	33	1980			
20	1.35	34	1971			
21	1.31	33	1975			
22	1.35	34	1963			
23	2.03	52	1979			
24	4.49	114	1963			
25	1.23	31	1958			
26	4.84	123	1963	T	T	1981
27	1.58	40	1965			
28	1.39	35	1978			
29	2.54	65	1975			
30	3.25	83	1975			
31	3.19	81	1975			
Monthly	4.84	123	1963	T	T	1981

AUGUST

MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	2.24	57	1955			
2	1.62	41	1973			
3	1.60	41	1977			
4	4.23	107	1966			
5	1.09	28	1975			
6	1.34	34	1961			
7	2.70	69	1974			
8	1.76	45	1978			
9	1.91	49	1964			
10	1.61	41	1978			
11	3.63	92	1978			
12	1.48	37	1960			
13	0.49	12	1964			
14	0.98	25	1965			
15	1.70	43	1980			
16	4.51	115	1967			
17	3.05	77	1969			
18	0.86	22	1964			
19	1.94	49	1968			
20	2.70	69	1977			
21	1.82	46	1962			
22	1.27	32	1972			
23	1.31	33	1960			
24	0.90	23	1977			
25	1.53	39	1979			
26	3.20	81	1955			
27	1.25	32	1970			
28	1.88	48	1976			
29	1.21	31	1977			
30	2.11	54	1957			
31	1.64	42	1961			
Monthly	4.51	115	1967			

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

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

STATION: [illegible] | STATION NAME: PENSACOLA, FLORIDA | YEARS: 1955-1982

SEPTEMBER

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	[illegible]	[illegible]	1973			
2	3.55	90	1963			
3	1.60	41	1981			
4	1.65	42	1971			
5	1.99	51	1979			
6	13.48	342	1967			
7	[illegible]	71	1974			
8	[illegible]	65	1976			
9	[illegible]	115	1960			
10	1.04	26	1957			
11	[illegible]	20	1971			
12	[illegible]	151	1959			
13	[illegible]	156	1959			
14	1.39	35	1959			
15	1.68	43	1960			
16	1.84	47	1968			
17	[illegible]	75	1975			
18	1.04	26	1968			
19	1.65	42	1980			
20	[illegible]	3	1982			
21	1.01	26	1958			
22	[illegible]	89	1975			
23	[illegible]	89	1956			
24	[illegible]	193	1956			
25	[illegible]	7	1972			
26	1.21	31	1970			
27	[illegible]	64	1957			
28	[illegible]	13	1963			
29	[illegible]	67	1965			
30	1.36	35	1956			
31						
Monthly	13.48	342	1967			

OCTOBER

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.18	30	1962			
2	1.30	33	1973*			
3	7.92	201	1964			
4	0.57	14	1964			
5	1.87	47	1975			
6	1.46	37	1960			
7	5.42	138	1970			
8	0.93	24	1970			
9	1.00	25	1977			
10	4.66	118	1959			
11	1.21	31	1977			
12	0.25	6	1970			
13	2.10	53	1955			
14	2.05	52	1959			
15	1.01	26	1957			
16	1.85	47	1975			
17	0.28	7	1967			
18	0.69	18	1970			
19	0.89	23	1970			
20	2.14	54	1956			
21	0.43	11	1956			
22	0.04	1	1972*			
23	0.90	23	1957			
24	0.99	25	1977			
25	4.35	110	1981			
26	0.93	24	1972			
27	2.69	68	1972			
28	1.76	45	1980			
29	1.93	49	1959			
30	5.51	140	1967			
31	0.62	16	1967			
Monthly	7.92	201	1964			

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

DIRNAVOCEANMET–SMOS

4

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

STATION: [illegible] | STATION NAME: PENSACOLA, FLORIDA | YEARS: 1955-1982

MONTH: NOVEMBER

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.62	41	1979			
2	1.37	35	1982			
3	1.27	32	1982			
4	1.40	36	1958			
5	0.67	17	1977			
6	0.49	12	1975			
7	0.61	15	1978			
8	1.32	34	1962			
9	1.76	45	1977			
10	0.31	8	1979			
11	0.57	14	1968			
12	2.56	65	1975			
13	1.31	33	1972			
14	1.61	41	1961			
15	0.85	22	1981			
16	0.55	14	1977			
17	0.60	15	1976			
18	0.93	24	1968			
19	1.11	28	1972			
20	1.16	30	1962			
21	1.09	28	1962			
22	2.00	51	1957			
23	1.15	29	1979			
24	0.98	25	1979			
25	1.28	33	1979			
26	2.22	56	1976			
27	2.69	68	1976			
28	2.53	64	1971			
29	0.46	12	1978			
30	1.03	26	1977			
31						
Monthly	2.69	68	1976			

MONTH: DECEMBER

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.30	33	1971			
2	1.34	34	1971			
3	1.34	34	1968			
4	1.82	46	1982			
5	0.84	21	1972			
6	1.14	29	1960			
7	0.36	9	1976*			
8	0.33	8	1967			
9	2.36	60	1966			
10	2.30	58	1967			
11	2.15	55	1982			
12	1.54	39	1961			
13	0.63	16	1979			
14	1.21	31	1965			
15	1.81	46	1961			
16	0.86	22	1970			
17	1.07	27	1966			
18	0.79	20	1965			
19	0.73	19	1965			
20	0.92	23	1971	T	T	1963
21	3.15	80	1972			
22	0.39	10	1968			
23	1.79	45	1956			
24	3.40	86	1978			
25	2.99	76	1964			
26	0.66	17	1973			
27	1.13	29	1967			
28	1.08	27	1966			
29	3.37	86	1981			
30	2.78	71	1973			
31	2.45	62	1961	T	T	1981*
Monthly	3.40	86	1978	T	T	1981*

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

NOCD, Federal Building
Asheville, N. C.

PART C SURFACE WINDS

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

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through 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."

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

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

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

      (1) Annual - all hours combined

      (2) By month - all hours combined

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

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

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

STATION	STATION NAME	YEARS
[illegible]	PENSACOLA, FLORIDA	55-[?]

DAILY PEAK GUSTS IN KNOTS

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
5[?]					SS[?] 4[?]	SW 46	SSW 59	SSE 49	ESE 2[?]	[?] 42	N [?]	NNW [?]	
[illegible]	42	N 36	NN[?] 3[?]	N 37	SSW 4[?]	SE 45	WNW 50	NW 29	[?] 74	[?] 34	NW 36	WSW 34	N 74
57	[illegible]	S 39	E 3[?]	[?] 56	WSW 37	S 42	SSE 29	N 26	SSW [?]8	WSW 36	WSW 40	N 3[?]	SE 5[?]
[illegible]	SW 4[?]	WNW 39	SSW 53	N [?]9	NNW 3[?]	WNW 34	NNW 42	NNW 40	ENE 4[?]	E 23	SSW 37	N 3[?]	SS[?] [?]
[illegible]	NNW 4[?]	WNW 36	ESE 3[?]	NE [?]	S 34	WSW 39	SSW 29	SSE [?]2	ENE 47	SSW 45	NNW 37	N[?] 3[?]	ENE 47
[illegible]	[?] 47	S 40	SSW 39	NNW 49	[?] 4[?]	NW 36	NW 33	WNW 34	SE 49	WNW 41	NNW 39	SSE 4[?]	SSE 4[?]
[?]1	NNW 3[?]	N 40	S[?] 45	ESE 48	WNW 4[?]	SW 57	SSW 36	N 47	SSE 33	S 30	NW [?]3	SSW 3[?]	SW 57
[illegible]	[?] 43	WSW 47	SSW 51	N 38	SW 2[?]	SSE 35	N 42	WNW 45	W 36	SSW 30	S[?] 38	[?] 3[?]	SSW [?]1
[illegible]	[?] 4[?]	N 55	N 32	S 31	WSW 3[?]	WNW 44	W 59	NNE [?]0	ENE 26	N 25	N 37	N 31	W 5[?]
[illegible]	[?] [?]2	W 35	WSW 41	W 41	SSE 37	ENE 27	S 33	SW 26	ESE 40	S 51	WSW 36	SW 47	[?] [?]1
[?]5	S[?] [illegible]	SSW [?]1	NNW 49	SS[?] 39	W 2[?]	S 35	NW 29	[?] 28	E 49	E 27	WSW [?]	N 2[?]	SS[?] [?]
[?]6	[?]S 43	WSW 4[?]	SSW 32	SSE 5[?]	ESE 33	NE 47	ESE 38	W 40	E 26	[?] 29	NW 25	SE 37	SSE [?]
[?]7	[?] 31	N 35	NN[?] 37	N 31	[?] 37	WNW 33	SW 39	S 43	N 41	E 38	SW [?]8	ESE 4[?]	S 4[?]
[illegible]	S[?] 34	SSW 34	W 38	[?] 33	[?] 2[?]	S 34	W 36	ENE 38	SSW 27	WSW 28		W 47	
[illegible]	[?] 37	ESE 46	W 45	S[?] 58	WSW 4[?]	[?] 48	S 43	SE 62	NE 35	NNE 32	N[?] 36	S 48	[illegible]
[illegible]	NN[?] 3[?]	[?] 62	[?] 43	N 44	SSW 3[?]	S 41	S 36	WNW [?]0	ESE 31	[?] 43	W 38	SW 3[?]	[illegible]
71	[?] 3[?]	27 45	17 48	3[?] 33	15 5[?]	35 37	31 51	17 34	20 43	[?] 2[?]	11 38	09 3[?]	15 [?]
[illegible]	36 3[?]	32 3[?]	35 42	14 31	14 4[?]	31 69	1[?] 49	32 39	27 41	16 4[?]	2[?] 45	27 44	31 [?]
[illegible]	17 [?]1	1[?] 3[?]	2[?] 4[?]	2[?] 53	34 7[?]	[?]4 38	26 37	[?]3 37	16 44	2[?] 42	37 42	22 4[?]	34 7[?]
[illegible]	1[?] 34	21 5[?]	[?] 41	24 33	17 4[?]	27 31	27 51	3[?] 42	17 5[?]	[?]9 28	33 42	32 4[?]	21 [?]
[illegible]	[?] 5[?]	17 34	3[?] 45	3[?] 35	28 41	27 46	[?] 38	26 38	34 50	23 42	36 36	26 2[?]	24 5[?]
76	1[?] 43	21 36	31 41	21 31	23 33	3[?] 27	[?] 3[?]	36 32	13 26	16 35	36 33	36 37	1[?] [?]3
[?]7	[?] 43	21 56	2[?] 37	3[?] 35	17 27	25 25	[?]4 47	11 38	[?]9 40	[?]2 34	18 46	02 3[?]	21 5[?]
7[?]	5[?] 4[?]	2[?] 37	24 32	33 29	06 3[?]	23 38	21 36	05 35	08 25	34 27	22 29	28 31	[?] 4[?]
7[?]	22 4[?]	28 [?]	11 58	1[?] 34	28 4[?]	0[?] 26	17 49	35 38	12 63	29 39	21 39	31 4[?]	1[?] [?]3
[illegible]	3[?] 4[?]	34 [?]	34 4[?]	1[?] 49	24 3[?]	25 50	07 35	04 32	12 39	34 33	01 52	01 37	[?]1 [?]
[?]1	2[?] 35	25 4[?]	27 47	3[?] 2[?]	1[?] 3[?]	08 57	0[?] 39	24 27	24 36	23 37	32 3[?]	3[?] 37	[?] 57
[illegible]	11 41	35 39	32 4[?]	[?]7 43	1[?] 34	25 47	0[?] 48	[?]9 45	34 31	27 34	34 37	35 4[?]	[illegible]
MEAN	[?]1.[?]	41.5	41.6	39.7	3[?].[?]	40.5	4[?].6	37.3	4[?].4	34.9	36.9	3[?].1	5[?].[?]
S.D.	7.31[?]	7.807	6.29[?]	[?].117	10.13[?]	10.279	[?].495	7.935	13.60[?]	6.868	5.[?]53	5.917	9.[?]81
TOTAL OBS.	[illegible]	763	[?]37	80[?]	[?]65	[?]39	[?]67	[?]67	[?]4[?]	865	[?]9	[?]65	1[illegible]

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

STATION	STATION NAME	YEARS
[illegible]	PENSACOLA, FLORIDA	55-[illegible]

DAILY PEAK GUSTS IN KNOTS
(BASED ON LESS THAN 90% OBSERVATIONS FOR MONTH)

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]											SEP 27 28		NINE DAYS
MEAN													
S. D.													
TOTAL OBS.													

SMOS

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

00
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	3.5	6.1	5.5	.6	.3						16.7	9.7
NNE	.2	2.0	2.3	1.6	.3							7.4	8.4
NE		1.2	3.2	1.2								5.6	8.1
ENE		1.3	2.6	.3								4.2	7.5
E	.2	1.6	3.5	.6		.3						6.2	8.3
ESE		1.4	1.3	1.0	.3							4.0	8.2
SE	.3	1.0	1.3	.6								3.2	7.5
SSE	.3	.6	2.6	3.2								6.8	10.3
S		1.3	3.2	2.6								7.1	9.3
SSW		1.0	.6	.6	.3							2.4	10.5
SW	.2	.2	.3	.3								1.2	8.3
WSW	.2		1.	.6								1.8	9.5
W	1.4	1.6	1.9	1.3		.3						6.1	8.5
WNW	1.2	1.3	.3	1.0								3.8	7.3
NW	.3	2.3	1.6	1.3	.3							5.8	8.8
NNW		1.3	1.3	3.9	1.6	.3						9.4	12.1
VARBL													
CALM												4.2	
	3.5	26.8	33.2	25.5	3.5	1.3						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 11

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

3 [illegible] (STATION) PENSACOLA, FLORIDA (STATION NAME) 73-92 (YEARS) JA[illegible] (MONTH)

ALL WEATHE[illegible] (CLASS) 0[illegible] (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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]	4.2	[illegible]	[illegible]	2.3							1[illegible].[illegible]	1[illegible].2
NNE	1.[illegible]	1.[illegible]	3.[illegible]	1.3	.6							[illegible].1	[illegible].9
NE	.[illegible]	3.2	3.[illegible]	1.[illegible]								[illegible].4	7.7
ENE	.[illegible]	2.3	2.6	1.6								6.[illegible]	8.3
E	.[illegible]	4.2	4.[illegible]	.6								1[illegible].[illegible]	[illegible].4
ESE	.[illegible]	.[illegible]		.[illegible]	.3							1.6	[illegible].4
SE	.[illegible]	1.[illegible]	.[illegible]	1.6								3.5	[illegible].7
SSE	.[illegible]	.6	1.[illegible]	1.6								3.[illegible]	9.8
S	.3	1.[illegible]	1.[illegible]	2.[illegible]								6.1	9.8
SSW	.[illegible]	1.[illegible]	.[illegible]	.3								[illegible].3	6.4
SW	.[illegible]	.6	.6	.3								1.[illegible]	[illegible].[illegible]
WSW		.[illegible]	.[illegible]	.3	.3							1.[illegible]	11.5
W		1.[illegible]	1.6	.6		.[illegible]						[illegible].5	[illegible].[illegible]
WNW	.[illegible]	1.3	.[illegible]	.6	.[illegible]							[illegible].[illegible]	[illegible].6
NW		[illegible].3	1.[illegible]	.6	1.3	.6						5.[illegible]	11.8
NNW	.[illegible]	[illegible].6	[illegible].[illegible]	2.3	1.9	.[illegible]						11.[illegible]	11.1
VARBL													
CALM												[illegible].9	
	[illegible].5	29.0	30.[illegible]	22.3	[illegible].1	1.						1[illegible].[illegible]	[illegible].1

TOTAL NUMBER OF OBSERVATIONS [illegible]1[illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	PENSACOLA, FLORIDA	73-82	JAN

CLASS: ALL WEATHER

HOURS (L.S.T.): 04

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.6	6.5	6.5	1.6	.6						18.7	10.9
NNE	1.3	4.2	2.3	.6	.3							8.7	7.6
NE	.3	2.3	4.2	1.9								8.7	9.4
ENE	1.6	1.6	4.2	1.0								8.4	7.2
E	.3	2.6	4.2	2.6	.3							10.0	9.7
ESE		.3	1.9	1.3								3.5	10.5
SE		1.0	1.0	.6								2.6	9.8
SSE	.3		1.3	.3	.3							1.9	9.7
S	1.0	1.3	1.3	2.3	.3							5.5	9.2
SSW	.6	1.9	1.3									3.5	5.8
SW		.3	1.0			.3						1.6	10.2
WSW	.3		.6									1.3	5.3
W	.3	.6	1.	.6	.3							2.8	9.4
WNW	.3	.6	1.3	.3	.6	.3						3.2	11.8
NW	1.0	1.3	1.3	1.0	1.3							5.9	9.4
NNW	.3	2.6	1.6	2.6	1.3	.6						9.	11.4
VARBL													
CALM												4.3	
	7.7	22.5	34.5	21.6	5.1	2.3						100.3	.9

TOTAL NUMBER OF OBSERVATIONS: 11

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible]	PENSACOLA, FLORIDA	73-[illegible]	JA
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

[illegible]
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.[illegible]	[illegible].2	6.[illegible]	[illegible].1	2.3	.[illegible]						[illegible].[illegible]	11.[illegible]
NNE		1.[illegible]	2.[illegible]	2.9	.3							[illegible].1	[illegible].7
NE	.[illegible]	1.[illegible]	1.6	2.6								5.[illegible]	[illegible].3
ENE		1.[illegible]	4.[illegible]	4.2								[illegible].[illegible]	10.2
E	.[illegible]	1.6	6.1	3.5								11.[illegible]	[illegible].1
ESE		1.[illegible]	2.[illegible]	.6								[illegible].[illegible]	[illegible].4
SE	.[illegible]	.[illegible]		.6								1.[illegible]	6.[illegible]
SSE	.[illegible]	1.[illegible]	1.[illegible]	1.3	.6							[illegible].[illegible]	[illegible].9
S	.[illegible]	1.3	1.3	2.6								[illegible].[illegible]	[illegible].4
SSW			1.[illegible]	.3								1.[illegible]	[illegible].[illegible]
SW	.[illegible]		.[illegible]	1.0								1.[illegible]	[illegible].7
WSW		.[illegible]	.3	.3								1.[illegible]	[illegible].3
W	.[illegible]	.6	.6	1.6								[illegible].[illegible]	[illegible].[illegible]
WNW			.[illegible]	.6	.3	.[illegible]						1.[illegible]	15.3
NW		1.[illegible]	.3	2.3	.6	1.0						[illegible].[illegible]	13.8
NNW	1.[illegible]	.[illegible]	.6	1.6	2.6							6.[illegible]	12.6
VARBL													
CALM												[illegible].[illegible]	
	[illegible].[illegible]	17.4	31.[illegible]	34.2	[illegible].8	1.[illegible]						100.[illegible]	[illegible].9

TOTAL NUMBER OF OBSERVATIONS [illegible]1[illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

3[illegible]5 (STATION) | PENSACOLA, FLORIDA (STATION NAME) | 73-[illegible]2 (YEARS) | JA[illegible] (MONTH)

ALL WEATHE[illegible] (CLASS)

1[illegible] (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.[illegible]	5.2	6.[illegible]	1.9							16.[illegible]	1[illegible].[illegible]
NNE		.[illegible]	2.[illegible]	1.9								4.5	1[illegible].9
NE	.[illegible]	.[illegible]	1.6	1.3								3.5	[illegible].4
ENE		.[illegible]	2.9	1.6								[illegible].[illegible]	[illegible].1
E	.3	1.[illegible]	4.[illegible]	2.9								1[illegible].[illegible]	[illegible].1
ESE	.[illegible]	1.0	4.5	[illegible].2	.6							[illegible].[illegible]	1[illegible].1
SE	.[illegible]	2.3	2.[illegible]	1.9								7.7	[illegible].3
SSE	.[illegible]	2.[illegible]	.6	1.9	.3							6.[illegible]	[illegible].5
S	.[illegible]	2.6	[illegible].9	1.6	.6							9.[illegible]	[illegible].9
SSW		1.0	1.0	.6		.[illegible]	.3					[illegible].[illegible]	11.[illegible]
SW			.[illegible]	1.0		.[illegible]						1.[illegible]	14.[illegible]
WSW				1.[illegible]		.[illegible]						1.[illegible]	15.5
W		.[illegible]	.[illegible]	1.[illegible]		.[illegible]						2.3	11.4
WNW	.[illegible]		1.[illegible]	1.0	.3							[illegible].2	1[illegible].[illegible]
NW		.[illegible]		2.3	1.[illegible]	.6						4.[illegible]	15.3
NNW		1.[illegible]	1.[illegible]	5.5	[illegible].3	.[illegible]						10.[illegible]	14.[illegible]
VARBL													
CALM												.[illegible]	
	[illegible].[illegible]	16.[illegible]	33.[illegible]	35.5	7.4	2.[illegible]	.3					1[illegible].[illegible]	1[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]1[illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	PENSACOLA, FLORIDA	73-[illegible]2	JA[illegible]

CLASS: ALL WEATHER

CONDITION:

HOURS (L.S.T.): 1[illegible]

SPEED (KNTS) DIR.	1 - 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]	3.[illegible]	4.5	5.[illegible]	1.9	.[illegible]						15.[illegible]	11.[illegible]
NNE			1.[illegible]	1.6								2.[illegible]	1[illegible].7
NE		1.[illegible]	1.[illegible]	1.3								3.[illegible]	[illegible].4
ENE			1.[illegible]	.[illegible]								1.[illegible]	10.[illegible]
E	1.[illegible]	1.[illegible]	[illegible].[illegible]	1.9								7.4	7.[illegible]
ESE	.[illegible]	1.[illegible]	[illegible].1	1.9	.3							10.[illegible]	[illegible].1
SE	1.[illegible]	1.[illegible]	2.[illegible]	1.6	.6							7.1	9.3
SSE		[illegible].[illegible]	2.[illegible]	1.6								5.[illegible]	8.9
S	1.[illegible]	[illegible].[illegible]	[illegible].[illegible]	1.6	.6	.[illegible]						12.6	8.4
SSW		1.[illegible]	2.[illegible]	1.6								[illegible].[illegible]	3.[illegible]
SW		.[illegible]	2.6	2.3	.[illegible]							[illegible].[illegible]	1[illegible].8
WSW			.[illegible]	.6		.[illegible]						1.[illegible]	15.[illegible]
W		.[illegible]		1.[illegible]	.6	.[illegible]						2.[illegible]	15.1
WNW			.[illegible]	1.3	.3							1.[illegible]	13.[illegible]
NW	.[illegible]	.[illegible]	1.3	3.5	.6	.[illegible]						6.[illegible]	12.7
NNW	.[illegible]	.5	2.[illegible]	3.2	1.[illegible]	.[illegible]						[illegible].[illegible]	12.[illegible]
VARBL													
CALM												1.[illegible]	
	4.5	16.1	36.[illegible]	31.6	6.8	2.[illegible]						100.[illegible]	10.2

TOTAL NUMBER OF OBSERVATIONS [illegible]1.

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible]	PENSACOLA, FLORIDA	73-[illegible]	JAN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

10
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	4.[illegible]	4.5	4.2	1.2	.2						15.5	[illegible].7
NNE	.3	1.3	1.6	1.6								4.[illegible]	[illegible].7
NE		1.[illegible]		1.6								2.[illegible]	[illegible].3
ENE	.3	1.3	1.[illegible]	.6								3.[illegible]	[illegible].4
E	1.[illegible]	3.5	2.9	1.[illegible]								8.7	7.1
ESE	1.0	2.3	1.[illegible]	2.3	.3							7.1	[illegible].4
SE	.[illegible]	3.5	2.[illegible]	.6	.3							7.7	7.3
SSE		.6	1.9	1.[illegible]	.3							3.[illegible]	[illegible].7
S	1.[illegible]	1.3	1.[illegible]	1.6								5.5	7.[illegible]
SSW		1.[illegible]	1.[illegible]	.3								2.[illegible]	7.4
SW	.[illegible]	2.3	1.[illegible]	1.0								5.[illegible]	7.[illegible]
WSW		.[illegible]	1.9	.6								3.[illegible]	[illegible].4
W	.[illegible]	2.6	3.[illegible]	1.3	.3	.[illegible]						[illegible].4	[illegible].4
WNW	.[illegible]	.[illegible]	1.0									1.[illegible]	[illegible].[illegible]
NW	.[illegible]	1.0	1.[illegible]	.6	.6							3.[illegible]	[illegible].8
NNW	.[illegible]	[illegible].3	3.[illegible]	2.3	1.6							10.[illegible]	1[illegible].1
VARBL													
CALM												4.5	
	[illegible].1	3[illegible].6	31.6	20.6	4.8	.[illegible]						1 0.[illegible]	[illegible].1

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] PENSACOLA, FLORIDA [illegible] [illegible]
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER | [illegible]
CLASS | HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	•	4.2	5.5	3.2	1.1							15.2	8.8
NNE	•	2.6	1.4	2.9								7.4	6.5
NE	•	1.6	1.6	1.0								4.5	7.7
ENE	•	1.6	2.3	.6								4.4	7.4
E	•	1.9	2.4	1.2	.2							5.8	8.2
ESE	•	1.9	1.9	1.6	.3	.1						5.9	10.0
SE	•	2.3	2.2	1.3	.6							7.1	8.4
SSE	•	1.3	2.2	1.6	.3							5.4	9.4
S	•	1.2	1.9	1.3	.3	.2						5.1	10.1
SSW		1.2	.6	.3								2.1	7.1
SW		•	.4	1.0								2.2	9.7
WSW	•	.3	.6	1.2	.3							2.4	11.4
W	•	1.4	.7	1.3		.2						3.6	9.5
WNW	1.2	1.3	1.6		.2							4.3	6.5
NW	1.1	1.3	1.6	1.3	.3	.1						5.7	8.8
NNW	•	2.6	3.2	1.6	1.9	.2						10.2	11.3
VARBL													
CALM												4.2	
	7.7	29.4	30.6	21.1	5.3	1.3						100.1	.6

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible] ACOLA, FLORIDA	73-[illegible]	JAN

CLASS: ALL WEATHER

CONDITION:

HOURS (L S T): ALL

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.[illegible]	[illegible].[illegible]	[illegible].[illegible]	5.[illegible]	1.6	.[illegible]						[illegible].[illegible]	10.[illegible]
NNE	.4	1.[illegible]	2.[illegible]	1.[illegible]	.2							[illegible].[illegible]	9.[illegible]
NE	.[illegible]	1.7	2.[illegible]	1.[illegible]								[illegible].[illegible]	[illegible].[illegible]
ENE	.[illegible]	1.2	2.[illegible]	1.3								[illegible].[illegible]	[illegible].4
E	.	[illegible].4	4.[illegible]	1.3	.1	.						[illegible].[illegible]	[illegible].3
ESE	.[illegible]	1.2	2.[illegible]	1.5	.[illegible]	.						[illegible].[illegible]	[illegible].4
SE	.[illegible]	1.[illegible]	1.[illegible]	1.1	.2							[illegible].1	[illegible].2
SSE	.[illegible]	1.[illegible]	1.[illegible]	1.6	.[illegible]							[illegible].[illegible]	[illegible].[illegible]
S	.[illegible]	1.[illegible]	2.4	[illegible].1	.2	.1						[illegible].1	[illegible].
SSW	.1	1.1	1.1	.[illegible]	.[illegible]	.[illegible]	.[illegible]					[illegible].[illegible]	[illegible].3
SW	.[illegible]	.[illegible]	1.[illegible]	.[illegible]	.[illegible]	.1						[illegible].[illegible]	[illegible].[illegible]
WSW	.1	.2	.[illegible]	.6	.1	.[illegible]						1.[illegible]	1[illegible].[illegible]
W	.[illegible]	1.1	1.1	1.1	.[illegible]	.[illegible]						[illegible].1	[illegible].4
WNW	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.3	.1						[illegible].1	[illegible].4
NW	.[illegible]	1.4	.[illegible]	1.6	.[illegible]	.[illegible]						[illegible].4	11.2
NNW	.4	1.[illegible]	[illegible].2	[illegible].[illegible]	1.[illegible]	.4						[illegible].[illegible]	11.[illegible]
VARBL													
CALM												[illegible].1	
	.1	23.[illegible]	32.[illegible]	26.5	.[illegible]	1.[illegible]	.					100.[illegible]	[illegible].3

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME: PENSACOLA, FLORIDA | YEARS | MONTH

CLASS: ALL WEATHER | HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	2.2	5.1	4.3	1.1							14.1	7.6
NNE		1.3	2.1	1.4	.4							7.2	7.9
NE		.1	1.1	.7								3.1	7.1
ENE		1.4	2.5	1.4								5.3	7.3
E	.4	1.3	1.4	2.5								5.6	4.1
ESE		.7	1.1	2.1								3.9	10.9
SE		.4	.7	.7	.4							2.1	11.3
SSE	.3	.4	.7	1.8	.4							3.6	9.5
S		1.4	2.5	1.4	.4	.4						6.4	10.7
SSW		.3	2.1	1.4								4.2	8.3
SW	.4	.7	2.8									3.9	6.4
WSW			2.1	2.5								4.6	10.8
W		1.4	3.9	.7	.4	.4						6.4	12.6
WNW	1.4	2.1	1.1	1.4								6.0	6.7
NW	.4	2.5	1.4	.7								5.0	6.3
NNW	1.1	3.2	1.4	3.2	1.8							10.7	10.4
VARBL													
CALM												4.3	
	4.6	26.2	33.9	26.2	4.6	.7						100.2	8.1

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

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	1.4	.1	.	4.6	1.1							12.1	.7
NNE	1.1	2.	3.	1.								7.	7.
NE	.4	2.	.	.4	.4							4.7	7.
ENE	.4	1.1	1.	1.								3.	.
E	.4	1.4	1.1	1.4								4.	.
ESE		.	.	2.	.4							4.	12.
SE	.4		1.	.4								2.1	.7
SSE	.	.7	1.1	.4	.4							2.	9.1
S	.	1.1	1.	1.4								3.	8.
SSW		.	.	.7	.4	.						2.	11.
SW		1.1	1.	.4								2.	7.
WSW	.	1.	1.	1.1	.4							5.	9.1
W		.7	2.	1.4	1.1							5.	11.
WNW	.4	1.1	1.	.4		.						3.	8.
NW	.	1.	2.	.4	.7							6.	8.1
NNW	.7	2.1	2.	3.0	.7							10.	1.
VARBL													
CALM												4.	
	7.1	27.3	31.	23.0	5.3	.7						10.	.

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	1.	[illegible]	[illegible]	[illegible]	.4							[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	1.4	.4							[illegible]	[illegible]
NE	.[illegible]	1.[illegible]	[illegible]	1.1	.4							[illegible]	[illegible]
ENE	.[illegible]	1.[illegible]	[illegible]	1.[illegible]								[illegible]	[illegible]
E	.[illegible]	[illegible]	1.[illegible]	[illegible]								[illegible]	[illegible]
ESE		.[illegible]		1.4	.4							[illegible]	12.
SE	.[illegible]	1.1	.[illegible]	.7	.4							[illegible]	[illegible]
SSE		.[illegible]		1.4		.[illegible]						[illegible]	13.
S	.[illegible]	.[illegible]	[illegible]	1.1								[illegible]	[illegible]
SSW		1.[illegible]	1.1	.4								[illegible]	[illegible]
SW		.[illegible]										.[illegible]	[illegible]
WSW	.[illegible]	.[illegible]	1.1	.7	.[illegible]							[illegible]	[illegible]
W	.[illegible]	[illegible]	[illegible]	1.1								[illegible]	[illegible]
WNW		.[illegible]	1.1		.[illegible]	.[illegible]						[illegible]	11.
NW	[illegible]	.[illegible]	1.[illegible]	[illegible]	.4							[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	.7							[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.						[illegible]	[illegible]

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 _____

ALL _____ 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)

[illegible] / STATION — [illegible] PENSACOLA, FLORIDA / STATION NAME — [illegible] / YEARS — [illegible] / MONTH

ALL WEATHE / CLASS

1[illegible] / HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 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].1	4.3	1.3	.4						[illegible].9	12.[illegible]
NNE		[illegible].[illegible]	1.4	1.[illegible]		.[illegible]						5.7	9.7
NE	.[illegible]	1.1	.[illegible]	1.4								3.5	[illegible].6
ENE	.[illegible]	.4	2.[illegible]	.7								3.[illegible]	4.5
E	.[illegible]	.7	2.[illegible]	3.[illegible]	.7							8.[illegible]	11.7
ESE	.[illegible]		5.[illegible]	2.8								[illegible].9	9.[illegible]
SE		1.[illegible]	2.	1.4								5.[illegible]	[illegible].[illegible]
SSE		[illegible].1	3.[illegible]	[illegible].1								[illegible].[illegible]	[illegible].[illegible]
S	.[illegible]	[illegible].[illegible]	[illegible].[illegible]	2.[illegible]	.4							12.1	[illegible].9
SSW	.[illegible]		1.[illegible]	2.5								4.[illegible]	13.3
SW			1.1	3.[illegible]	.7	.[illegible]						5.[illegible]	14.[illegible]
WSW		1.1		1.4	.4	.[illegible]						[illegible].7	12.4
W		1.1	.[illegible]	1.1		1.1						[illegible].[illegible]	13.6
WNW		.[illegible]	.7	.7	1.1							[illegible].2	12.[illegible]
NW		.[illegible]	1.[illegible]	1.4	1.1	.4						[illegible].[illegible]	13.7
NNW		1.1	2.[illegible]	4.3	.7							[illegible].[illegible]	11.[illegible]
VARBL													
CALM												.4	
	[illegible].1	14.[illegible]	35.[illegible]	39.8	[illegible].7	2.[illegible]						1[illegible].[illegible]	1[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible] PENSACOLA, FLORIDA	[illegible]	FEB

CLASS: ALL WEATHER

CONDITION:

HOURS (L.S.T.): 1?

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.1	[illegible]	[illegible]	.4							[illegible]	[illegible]
NNE		[illegible]	1.4	.7								[illegible]	[illegible]
NE		.4	[illegible]	.4								[illegible]	[illegible]
ENE				.4								.4	[illegible]
E	.4	2.1	[illegible]	.7	.7							[illegible]	[illegible]
ESE	.4	1.1	[illegible]	[illegible]								[illegible]	[illegible]
SE		.7	[illegible]	1.4								[illegible]	[illegible]
SSE	.4	.7	[illegible]	1.4	.4							[illegible]	[illegible]
S		1.1	[illegible]	[illegible]	.7							[illegible]	[illegible]
SSW	.4	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW		.4	[illegible]	[illegible]	.7							[illegible]	[illegible]
WSW			.4	[illegible]	[illegible]	.4						[illegible]	[illegible]
W		.4	.7	.7	.7	.4						[illegible]	[illegible]
WNW			.4	.7	[illegible]							[illegible]	[illegible]
NW			[illegible]	[illegible]	.4	.4						[illegible]	[illegible]
NNW		.4	[illegible]	[illegible]	2.1							[illegible]	[illegible]
VARBL													
CALM												.4	
	[illegible]	11.3	[illegible]	[illegible]	.9	1.1						[illegible]	11.1

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	PENSACOLA, FLORIDA	73-82	FEB

CLASS: ALL WEATHER

HOURS (L.S.T.): 18

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	2.0	5.3	2.9	.7							11.3	9.5
NNE		.7	2.1	.4								3.5	8.3
NE			1.3									1.4	9.8
ENE		.6	.4	1.4								2.1	10.7
E	.7	.7	1.8	.7	.4							4.3	9.3
ESE	.7	1.8	3.5	1.4								7.4	7.7
SE	1.1	1.4	2.1	1.1								5.4	6.7
SSE		.4	2.5	1.4		.4						4.6	10.7
S	.7	2.1	3.1	1.4		.4						8.5	9.7
SSW	.4	1.4	3.3	.7								5.4	7.6
SW	.7	1.4	4.3	1.1								7.4	7.7
WSW	.4	4.3	5.1	1.4								12.1	7.7
W		2.1	1.1	1.1	.4							5.1	8.1
WNW	.4		.7	.7	.4							1.1	11.7
NW		1.1	1.1		.4							2.5	8.9
NNW		2.5	6.	2.3								11.3	9.9
VARBL													
CALM												2.1	
	4.0	27.4	47.3	18.4	1.1	.7						100.1	8.3

TOTAL NUMBER OF OBSERVATIONS: 282

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	•	4.2	1.9	4.3	1.1	.4						14.2	9.8
NNE		2.1	2.1	1.8	.4							6.7	9.1
NE	1.1	1.4	.7	.7								4.3	6.5
ENE	.4	.4	1.1	1.4								3.2	7.7
E		1.4	1.8	1.4	.4							5.0	9.5
ESE		.4	.4	1.1								1.9	9.4
SE		.7	2.1	1.4	.4							5.0	10.4
SSE		1.4	1.1	1.8	.4							4.6	9.8
S		2.1	2.1	1.4	.7	.7						7.0	10.9
SSW	.4	1.1	3.0	.7								6.0	8.4
SW		1.8	1.8	.7	.4							4.3	8.6
WSW	.7	1.8	2.1	2.5	.4							7.4	8.8
W	1.1	3.2	2.1	1.1	.4							8.0	6.9
WNW	.7	1.8	1.1	.4								3.9	6.3
NW	.4	2.1	1.1	1.4	.4							5.3	8.7
NNW	.7	2.1	2.5	1.1	1.1							7.4	8.8
VARBL													
CALM												4.5	
	5.7	29.1	30.2	23.0	5.7	1.1						100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 282

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	PENSACOLA, FLORIDA	73-[illegible]	FEB

CLASS: ALL WEATHER

CONDITION:

HOURS (L.S.T.): ALL

SPEED (KNTS) DIR.	1 - 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]	3.6	4.7	4.4	1.1	.1						14.4	9.8
NNE	.[illegible]	2.0	2.[illegible]	1.6	.[illegible]	.[illegible]						6.[illegible]	8.9
NE	.[illegible]	1.3	1.[illegible]	.8	.1							4.3	[illegible].1
ENE	.2	.[illegible]	1.[illegible]	1.5								4.5	9.0
E	.[illegible]	1.[illegible]	2.[illegible]	2.[illegible]	.3							7.[illegible]	9.4
ESE	.[illegible]	.[illegible]	2.1	2.1	.1							5.[illegible]	9.9
SE	.[illegible]	.[illegible]	1.[illegible]	1.1	.1							4.3	8.9
SSE	.2	.[illegible]	1.[illegible]	1.4	.2	.1						4.6	[illegible].6
S	.[illegible]	1.[illegible]	[illegible].4	1.7	.3	.[illegible]						7.4	9.6
SSW	.[illegible]	.[illegible]	2.1	1.6	.0	.[illegible]						4.9	[illegible].2
SW	.[illegible]	.[illegible]	1.[illegible]	1.[illegible]	.2	.[illegible]						4.[illegible]	1[illegible].0
WSW	.[illegible]	1.2	1.[illegible]	1.6	.4	.1						5.4	1[illegible].0
W	.[illegible]	1.6	1.[illegible]	1.2	.4	.[illegible]						[illegible].6	[illegible].[illegible]
WNW	.4	1.0	.[illegible]	.[illegible]	.[illegible]	.[illegible]						3.[illegible]	[illegible].6
NW	.3	1.1	1.4	1.4	.5	.1						4.[illegible]	1[illegible].3
NNW	.[illegible]	1.[illegible]	2.[illegible]	[illegible].2	[illegible].1							[illegible].[illegible]	1[illegible].4
VARBL													
CALM												2.[illegible]	
	[illegible].1	22.[illegible]	34.[illegible]	2[illegible].3	[illegible].7	1.1						1[illegible].	[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]25[illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible]ACCOLA, FLORIDA	73-[illegible]2	[illegible]

ALL WEATHER
CLASS

[illegible]
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 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.[illegible]	2.9	.6							13.2	[illegible].6
NNE		1.[illegible]	1.[illegible]	1.3								4.[illegible]	7.6
NE	.[illegible]	1.3	1.6	.[illegible]								3.[illegible]	7.3
ENE		1.6	.[illegible]	.6								2.6	7.1
E		1.[illegible]	1.[illegible]	.6								3.2	[illegible].9
ESE	.[illegible]	2.6	1.8	1.6	.[illegible]							6.5	8.7
SE	.[illegible]	1.5	[illegible].[illegible]	1.9	.[illegible]	.[illegible]						8.1	9.2
SSE	.[illegible]	2.[illegible]	2.[illegible]	1.3								7.1	7.8
S	.[illegible]	3.[illegible]	4.5	2.[illegible]	1.[illegible]	.[illegible]						12.9	9.9
SSW		1.[illegible]	1.[illegible]	1.3	.[illegible]	.[illegible]						4.5	10.7
SW	.[illegible]	1.[illegible]	1.[illegible]	.6				.[illegible]				[illegible].9	9.8
WSW	.[illegible]	.[illegible]	1.[illegible]	.6								3.5	[illegible].2
W	1.[illegible]	1.[illegible]	1.[illegible]	1.6		.[illegible]						6.1	9.2
WNW	.[illegible]	1.3	1.[illegible]	.6								3.[illegible]	7.1
NW	.[illegible]	2.6	.[illegible]	1.[illegible]	.[illegible]	.[illegible]						[illegible].[illegible]	8.2
NNW	1.3	2.[illegible]	1.6	2.3								8.[illegible]	8.[illegible]
VARBL													
CALM												[illegible].[illegible]	
	[illegible].1	31.[illegible]	30.[illegible]	21.[illegible]	[illegible].2	2.[illegible]		.[illegible]				1[illegible].[illegible]	[illegible].3

TOTAL NUMBER OF OBSERVATIONS [illegible]1

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	PENSACOLA, FLORIDA	73-[illegible]	[illegible]

CLASS: ALL WEATHER

HOURS (L.S.T.): [illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 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	2.[illegible]	3.5	.6							17.1	7.5
NNE	.[illegible]	[illegible].2	1.3	1.0								[illegible].[illegible]	6.9
NE	.[illegible]	1.6	[illegible].6									4.[illegible]	6.3
ENE	.[illegible]	1.[illegible]	1.6									2.[illegible]	6.[illegible]
E	.[illegible]	2.6	[illegible].9	1.3	.3							[illegible].4	[illegible].[illegible]
ESE	.[illegible]	1.[illegible]	1.[illegible]	2.6								5.[illegible]	9.6
SE	.[illegible]	1.[illegible]	2.[illegible]	1.0								5.[illegible]	7.4
SSE		1.[illegible]	2.6	1.6	.3							5.[illegible]	9.6
S	.[illegible]	2.[illegible]	[illegible].2	1.6	1.3	.[illegible]						10.[illegible]	[illegible].[illegible]
SSW		.[illegible]	1.6	.[illegible]	.3	.[illegible]						2.[illegible]	11.4
SW		.[illegible]	1.[illegible]	2.6								4.[illegible]	1[illegible].[illegible]
WSW	.[illegible]	1.[illegible]	.[illegible]	1.[illegible]								2.[illegible]	[illegible].6
W	1.[illegible]	1.6	3.[illegible]	.[illegible]								[illegible].5	6.7
WNW		.[illegible]	1.[illegible]	1.6								3.2	10.5
NW		[illegible].[illegible]	1.[illegible]	.5	.6	.[illegible]						3.[illegible]	12.3
NNW	.[illegible]	1.[illegible]	1.[illegible]	.[illegible]	.6	.[illegible]						5.2	9.4
VARBL													
CALM												4.[illegible]	
	[illegible].1	30.0	32.3	1[illegible].4	[illegible].2	1.[illegible]						1[illegible].[illegible]	[illegible].1

TOTAL NUMBER OF OBSERVATIONS [illegible]1[illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] PENSACOLA, FLORIDA [illegible] [illegible]
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	1.[illegible]	4.2	3.[illegible]	3.[illegible]		.[illegible]						12.[illegible]	[illegible].3
NNE	1.[illegible]	1.6	2.[illegible]	1.[illegible]								6.1	7.3
NE		3.[illegible]	1.[illegible]	1.9	.3							7.[illegible]	[illegible].7
ENE	1.[illegible]	1.[illegible]	1.3	.6								4.[illegible]	6.5
E	1.[illegible]	2.3	3.[illegible]	2.3	.3							[illegible].4	[illegible].4
ESE	.	2.3	2.[illegible]	2.9	.6							8.7	9.4
SE	.[illegible]	1.6	1.9	2.3	.3							6.[illegible]	[illegible].[illegible]
SSE	.[illegible]	1.[illegible]	1.6	1.6	.3							5.[illegible]	[illegible].9
S	.[illegible]	1.6	2.9	1.9	.3							7.1	9.6
SSW	.[illegible]	.[illegible]	.3	1.[illegible]								1.[illegible]	[illegible].5
SW		.[illegible]	1.[illegible]	.3								2.3	[illegible].3
WSW	.[illegible]	.6	1.[illegible]	.3	.3							2.[illegible]	8.3
W	.[illegible]	1.[illegible]	1.[illegible]	1.6	.3							4.[illegible]	9.9
WNW	.[illegible]	.6	1.[illegible]	1.3								4.[illegible]	[illegible].8
NW	.[illegible]	1.6	2.6	1.[illegible]	.6	.[illegible]						5.5	9.4
NNW	.[illegible]	1.[illegible]	.6	1.3								3.2	[illegible].7
VARBL													
CALM												5.[illegible]	
	[illegible].[illegible]	26.[illegible]	30.[illegible]	24.8	[illegible].5	.6						1[illegible].[illegible]	[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]1.

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] PENSACOLA, FLORIDA [illegible] [illegible]
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	1.[illegible]	1.[illegible]	[illegible]	[illegible]	.6	.						[illegible]	13.6
NNE	.	1.[illegible]	1.[illegible]	2.3	.[illegible]							[illegible]	[illegible]
NE	.	.6	2.3	1.[illegible]	.3							[illegible]	[illegible]
ENE	.	1.6	2.[illegible]	2.6								[illegible]	[illegible]
E	1.[illegible]	2.[illegible]	4.5	2.6	.6							11.[illegible]	[illegible].1
ESE	.[illegible]	1.	3.[illegible]	3.5	.3	.						[illegible]	13.[illegible]
SE		[illegible]	2.[illegible]	[illegible].2								[illegible]	[illegible]
SSE		1.[illegible]	1.[illegible]	2.9								6.[illegible]	[illegible]
S		3.[illegible]	2.[illegible]	1.6	.6	.						[illegible]	[illegible]
SSW		.6	1.[illegible]	.[illegible]	.3	.						[illegible]	11.1
SW			1.[illegible]	1.3								[illegible].3	11.6
WSW		.[illegible]	.[illegible]	.3								1.[illegible]	[illegible]
W		.[illegible]	.[illegible]	1.[illegible]	.3							2.[illegible]	12.[illegible]
WNW		.[illegible]	1.	.6	.6	.						[illegible]	13.4
NW		.		2.3	1.3							[illegible]	14.5
NNW		.	2.3	2.6	1.[illegible]	.[illegible]						6.[illegible]	12.3
VARBL													
CALM												[illegible]	
	[illegible]	[illegible].0	31.3	[illegible].2	6.5	2.[illegible]						1[illegible].[illegible]	1[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] 5 — STATION
PENSACOLA, FLORIDA — STATION NAME
[illegible] — YEARS
MAY — MONTH
ALL WEATHER — CLASS
1 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 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]	[illegible]	.6							[illegible]	10.6
NNE		.[illegible]	1.[illegible]	1.[illegible]								3.[illegible]	11.0
NE			1.[illegible]	.6	.[illegible]							2.[illegible]	11.3
ENE		.6	3.[illegible]	.6								4.5	[illegible].1
E		1.0	1.[illegible]	1.9								4.[illegible]	10.5
ESE	.[illegible]	1.0	4.[illegible]	5.8	1.0							12.9	11.4
SE	.[illegible]	1.[illegible]	7.1	2.9		.[illegible]						12.6	[illegible].7
SSE	.[illegible]	1.3	[illegible].1	2.3								11.9	[illegible].3
S		1.[illegible]	7.1	2.6	1.0							12.3	[illegible].3
SSW		.[illegible]	[illegible].[illegible]	[illegible].9	.3	.[illegible]						6.1	11.9
SW	.[illegible]		1.[illegible]	[illegible].9	1.3	.[illegible]	.3					7.1	14.2
WSW				.[illegible]	.3	.3						1.[illegible]	16.8
W			.[illegible]	.[illegible]								.[illegible]	12.[illegible]
WNW		.[illegible]		1.0	.6							1.[illegible]	14.7
NW			1.[illegible]	1.9	.[illegible]	.[illegible]						[illegible].[illegible]	1[illegible].9
NNW			1.[illegible]	1.9	1.0	.[illegible]						4.5	14.4
VARBL													
CALM												1.[illegible]	
	1.[illegible]	[illegible].4	45.5	33.[illegible]	6.8	1.[illegible]	.3					[illegible]0.[illegible]	11.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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
[illegible]	[illegible] PENSACOLA, FLORIDA	[illegible]	[illegible]

CLASS: ALL WEATHER

HOURS (L S T): 1

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		[illegible]	[illegible]	2.6	.3							7.4	[illegible]
NNE		1.[illegible]	1.[illegible]									[illegible]	[illegible]
NE	.[illegible]		1.[illegible]	.[illegible]								1.	.[illegible]
ENE	.[illegible]	.[illegible]		.[illegible]	.4							1.	11.[illegible]
E	.[illegible]	.[illegible]	1.[illegible]	1.[illegible]	.3							[illegible]	13.[illegible]
ESE	.[illegible]	2.[illegible]	2.[illegible]	3.[illegible]	.6							[illegible]	[illegible]
SE	1.[illegible]	3.[illegible]	4.[illegible]	2.6	.6		.[illegible]					12.[illegible]	[illegible]
SSE	.[illegible]	3.[illegible]	3.[illegible]	2.[illegible]								10.[illegible]	[illegible]
S	1.[illegible]	3.[illegible]	4.[illegible]	2.6	.3	.[illegible]						11.[illegible]	[illegible]
SSW		1.	1.[illegible]	1.[illegible]	.3							[illegible]	[illegible]
SW		2.[illegible]	4.[illegible]	1.3	.[illegible]							[illegible]	[illegible]
WSW	.[illegible]	3.[illegible]	4.[illegible]	3.[illegible]	.6							11.[illegible]	.1
W		.[illegible]	2.[illegible]	2.3		.[illegible]						[illegible]	11.[illegible]
WNW		.[illegible]	.[illegible]	.3								1.[illegible]	13.[illegible]
NW		.[illegible]	.[illegible]	1.[illegible]	.3							[illegible]	11.[illegible]
NNW		.[illegible]	1.[illegible]	1.3		.[illegible]						[illegible]	11.[illegible]
VARBL													
CALM												1.[illegible]	
	.[illegible]	24.[illegible]	37.[illegible]	25.1	[illegible].[illegible]	1.[illegible]	.[illegible]					1[illegible].[illegible]	.1

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WIND

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

STATION | STATION NAME | YEARS | MONTH

CLASS

CONDITION

HOURS (L S

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	ME WI SPE
N	1.0			1.4	1.							13.	
NNE	.	1.	1.	.	.								
NE		.	1.										
ENE	.		.	.								1.	
E	.	1.	2.	.									
ESE	.	1.	1.	2.								7.	
SE		1.		2.0	.							10.6	
SSE	.	2.	2.0	2.6	.	.							
S	.	1.	4.									1.	
SSW	.	1.	1.	1.	.6								
SW	.	1.	1.	1.									
WSW	.	1.6	1.	1.3	.								
W	2.	2.5	1.	1.	.							.	
WNW	1.	1.	.										
NW	.	2.	.	1.3	1.							.	
NNW		1.	1.	1.	.	.						2.	11
VARBL													
CALM												2.	
	1 .	27.4	32.	22.3	4.5	.						1 .0	

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	1.1	5.7	6.	1.3								13.3	7.3
NNE	1.	1.7	1.	1.								4.7	6.6
NE	1.7	1.7	1.3									4.7	4.6
ENE	.7	1.	.7									2.	5.
E	.7	1.	2.	.3								4.	6.5
ESE	.	.7	1.7	.3	.7							3.7	7.6
SE		1.	4.3	1.7								7.1	9.0
SSE	.7	1.	2.3	1.		.7						5.7	9.7
S	1.	3.7	5.7	5.7	1.							16.7	9.6
SSW	.7	2.3	3.	.3								6.1	8.7
SW		.7		.7								1.3	.5
WSW	.	1.	2.7	1.	.3							5.7	8.4
W	.7	1.	2.	1.								5.7	7.5
WNW	.7	1.	.7	.3								4.7	5.9
NW	.7	1.	.3	.7								4.3	6.3
NNW	1.	2.7	2.7	1.7								7.3	7.1
VARBL													
CALM												6.7	
	11.7	29.7	34.7	17.3	1.7	.7						100.	7.1

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

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

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	1.3	5.1	4.1	1.3	.3	.3						12.4	7.4
NNE	3.1	4.3	3.1	.3								10.7	5.4
NE		4.1	2.1	.7								6.7	7.1
ENE	1.1	2.1	2.1	1.3								6.5	7.3
E	.7	1.7	2.	1.3								5.7	7.6
ESE			1.	3.3	.3							7.7	11.7
SE		2.1	2.7	2.3	.3							8.1	9.2
SSE	.7	1.	.7	2.	.7	.7						5.1	11.1
S	1.	1.7	3.1	1.7	.7							8.2	8.7
SSW	.7		1.	1.7		.7						3.1	10.6
SW		.3	.3	.3								1.2	9.7
WSW		.3	.7	.7								1.7	9.4
W	.7		.7	.3	.3							1.7	10.2
WNW	.4	1.7	1.1	1.3								4.	7.8
NW	.7	2.7	.7	.7								4.5	7.2
NNW	.7	2.3	2.1	.3	.7							5.1	7.8
VARBL													
CALM												7.1	
	8.3	29.0	30.7	19.3	5.3	1.						100.	7.9

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
[illegible]	PENSACOLA, FLORIDA	70-82	APR

CLASS: ALL WEATHER

CONDITION:

HOURS (L.S.T.): 09

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.7	2.7	2.7	.7							5.7	10.4
NNE	.7	.3	2.3	2.3								5.3	7.7
NE	.7	1.3	2.7	1.7								5.3	8.6
ENE		.7	3.7	3.3								7.7	10.5
E	.3	3.7	5.7	4.3	.3							13.7	9.1
ESE		1.3	4.7	3.7	.3							11.0	10.5
SE		1.3	2.7	4.7	1.0							9.7	12.0
SSE	.3	1.3	3.3	3.0								8.0	9.6
S	.3	2.3	5.3	1.7	.3							9.7	9.3
SSW		.3	2.3	.7	.7		.3					4.3	12.6
SW	.7		.3	1.0								1.7	9.2
WSW				1.3	.3							1.7	14.0
W		.3	.7	1.3								2.3	10.2
WNW		.7	.3	.7		1.3						2.7	14.3
NW	.3		1.7	1.3	.7							3.7	11.0
NNW	.3	2.3	1.7	1.7	1.0							6.7	13.1
VARBL													
CALM												7.7	
	2.3	15.3	39.7	33.3	5.0	1.3	.3					100.3	11.1

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	PENSACOLA, FLORIDA	[illegible]	APR

CLASS: ALL WEATHER

HOURS (L.S.T.): 1[illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N			1.[illegible]	3.3	1.[illegible]							[illegible].[illegible]	12.6
NNE		.[illegible]	1.[illegible]	.7								[illegible].[illegible]	[illegible].7
NE		.[illegible]	.[illegible]	.7								1.[illegible]	[illegible].5
ENE		1.[illegible]	.5									1.[illegible]	[illegible].5
E		1.[illegible]	.7	1.[illegible]								2.[illegible]	[illegible].6
ESE	.[illegible]	.[illegible]	5.[illegible]	[illegible].[illegible]	.[illegible]							1[illegible].[illegible]	10.9
SE		.[illegible]	[illegible].[illegible]	6.3	1.3							1[illegible].[illegible]	11.[illegible]
SSE	.[illegible]	1.[illegible]	[illegible].3	4.[illegible]	.3	.[illegible]						12.3	10.4
S		.[illegible]	11.[illegible]	5.3	.[illegible]							18.[illegible]	10.1
SSW			[illegible].[illegible]	[illegible].[illegible]			.[illegible]					[illegible].[illegible]	12.3
SW			.[illegible]	2.3	1.3							4.[illegible]	14.2
WSW		.[illegible]		1.[illegible]	.[illegible]	.[illegible]						2.3	15.6
W			.[illegible]	.[illegible]	.3							1.[illegible]	13.3
WNW		.[illegible]	.[illegible]	.[illegible]		.[illegible]						1.[illegible]	12.4
NW			.[illegible]	1.3	1.3							[illegible].[illegible]	15.4
NNW		.[illegible]	2.[illegible]	2.3								5.[illegible]	10.6
VARBL													
CALM												1.[illegible]	
	.[illegible]	[illegible].7	40.[illegible]	42.7	7.3	1.[illegible]	.3					[illegible]0.[illegible]	11.2

TOTAL NUMBER OF OBSERVATIONS [illegible]

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]	PENSACOLA, FLORIDA	73-[illegible]	APR

CLASS: ALL WEATHER

CONDITION:

HOURS (L.S.T.): 1[illegible]

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.[illegible]	2.[illegible]	2.[illegible]	.3							5.[illegible]	10.[illegible]
NNE			.[illegible]	.[illegible]								1.[illegible]	1[illegible].[illegible]
NE				1.[illegible]								1.[illegible]	11.[illegible]
ENE	.[illegible]		.[illegible]									1.[illegible]	[illegible].[illegible]
E	.[illegible]	.3	.[illegible]	.[illegible]								1.[illegible]	7.6
ESE	.[illegible]	.[illegible]	2.[illegible]	2.[illegible]	.3							6.[illegible]	10.[illegible]
SE		.[illegible]	[illegible].[illegible]	4.[illegible]	1.[illegible]							9.[illegible]	12.4
SSE	.[illegible]	.3	[illegible].[illegible]	3.[illegible]								12.[illegible]	[illegible].9
S	.[illegible]	[illegible].[illegible]	12.[illegible]	5.[illegible]	1.[illegible]		.3					22.[illegible]	[illegible].[illegible]
SSW		1.[illegible]	2.[illegible]	[illegible].[illegible]	.[illegible]	.[illegible]						11.[illegible]	12.1
SW		.[illegible]	2.[illegible]	[illegible].[illegible]	.[illegible]							12.[illegible]	12.[illegible]
WSW			.[illegible]	2.[illegible]	2.[illegible]	.[illegible]						[illegible].[illegible]	15.9
W			.[illegible]		1.[illegible]							1.[illegible]	16.[illegible]
WNW				1.[illegible]		.[illegible]						[illegible].[illegible]	16.[illegible]
NW			.[illegible]	1.[illegible]	.[illegible]							[illegible].[illegible]	14.[illegible]
NNW	.[illegible]		1.[illegible]	1.[illegible]	.[illegible]							4.[illegible]	11.[illegible]
VARBL													
CALM												.[illegible]	
	[illegible].3	[illegible].3	37.[illegible]	43.3	[illegible].3	1.[illegible]	.3					1[illegible].[illegible]	11.5

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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

CLASS: ALL WEATHER

CONDITION:

HOURS (L.S.T.): 1?

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.7	4.7	2.7								8.1	9.7
NNE		.7	.7	.3								1.7	8.0
NE				.7								.3	15.0
ENE		.7										.3	4.0
E	.7	.3	1.3	1.[illegible]								3.3	[illegible].8
ESE		1.7	1.7	2.7								5.7	10.2
SE	.[illegible]	1.[illegible]	2.7	2.3	1.7							7.3	10.8
SSE	1.3	3.[illegible]	4.7	3.7								12.7	8.5
S	.7	4.3	7.7	.3	.3							13.3	7.4
SSW	1.7	1.[illegible]	4.3	.3	.3							7.7	7.5
SW		3.7	6.[illegible]	1.3		.7						11.7	[illegible].5
WSW	1.[illegible]	3.[illegible]	5.7	3.3	.3							13.7	[illegible].7
W	.7	1.3	3.7	2.3								7.7	9.0
WNW		.7	.3	.7								1.3	9.3
NW			.7	1.[illegible]								1.7	11.8
NNW			[illegible].[illegible]	.7	.3							3.7	10.9
VARBL													
CALM												2.[illegible]	
	6.[illegible]	21.0	49.3	23.0	2.3	.3						100.[illegible]	[illegible].7

TOTAL NUMBER OF OBSERVATIONS: 3[illegible]0

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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

ALL WEATHER
CLASS

[illegible]
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 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]	[illegible]	1.[illegible]								[illegible]	[illegible]
NNE	.[illegible]	1.[illegible]	1.[illegible]	.[illegible]								[illegible]	[illegible]
NE		.[illegible]	.[illegible]									[illegible]	[illegible]
ENE			.[illegible]									.[illegible]	[illegible]
E	.[illegible]		1.[illegible]	.[illegible]								[illegible]	[illegible]
ESE	1.[illegible]	1.[illegible]	1.[illegible]	1.[illegible]	.[illegible]							[illegible]	[illegible]
SE	.[illegible]	1.[illegible]	[illegible]	[illegible]	.[illegible]							[illegible]	[illegible]
SSE		1.[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
S	1.[illegible]	[illegible]	[illegible]	[illegible]	.[illegible]							[illegible]	[illegible]
SSW	.[illegible]	1.[illegible]	[illegible]	.[illegible]								[illegible]	[illegible]
SW	.[illegible]	.[illegible]	1.[illegible]	.[illegible]	.[illegible]							[illegible]	[illegible]
WSW		1.[illegible]	[illegible]	1.[illegible]		.[illegible]						[illegible]	[illegible]
W	1.[illegible]	[illegible]	[illegible]	1.[illegible]								[illegible]	[illegible]
WNW	.[illegible]	[illegible]	1.[illegible]	.[illegible]								[illegible]	[illegible]
NW	1.[illegible]	.[illegible]	1.[illegible]	.[illegible]	.[illegible]							[illegible]	[illegible]
NNW	.[illegible]	1.[illegible]	1.[illegible]	1.[illegible]								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	10.0	25.[illegible]	37.[illegible]	18.[illegible]	1.[illegible]	.[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible] PENSACOLA, FLORIDA	[illegible]	APR

CLASS: ALL WEATHER

HOURS (L S T): ALL

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]					[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]						[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	7.1	20.4	37.0	26.8	4.2	[illegible]	.1					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS [illegible]

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)

3 5 — STATION
PE ACOLA, FLORIDA — STATION NAME
7 - — YEARS
MAY — MONTH
ALL WEATHE — 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	3.4	1.	2.1									10.5	5.1
NNE	1.	3.2	1.3	.3								6.	.6
NE	1.2	1.4	.8	.6								4.2	5.2
ENE		1.	.5									1.	3.3
E	.4	1.2	.8	.6								3.1	4.5
ESE	.2	1.4	1.2	.3								4.	7.2
SE	.	2.3	1.6	1.6	.3							6.1	8.5
SSE		1.2	1.3	.5								3.1	7.6
S	.1	1.2	2.3	2.2	.4							7.2	12.5
SSW	.	.5	2.2	.3								4.5	.1
SW		1.1	2.3	1.3	.3							5.	7.6
WSW		.2	1.	1.								4.2	7.1
W	1.	4.3	1.	.3								7.4	5.1
WNW	1.1	.	.2	.5								2.	1.1
NW	1.	1.2	.5	1.								4.	4.
NNW	.6	2.2	1.1									3.9	4.1
VARBL													
CALM												10.1	
	17.1	37.2	24.	11.1	1.2							1 .	.

TOTAL NUMBER OF OBSERVATIONS 1

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

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4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WIND

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S

CONDITION

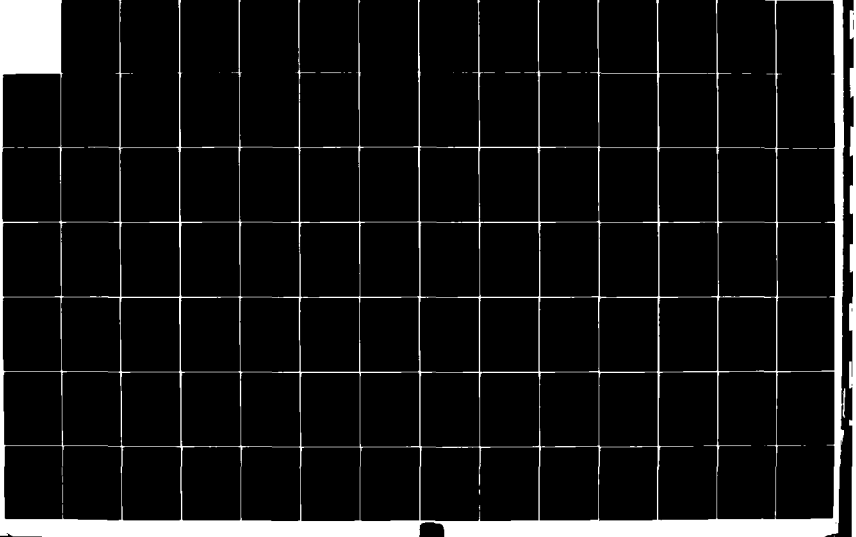
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW				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

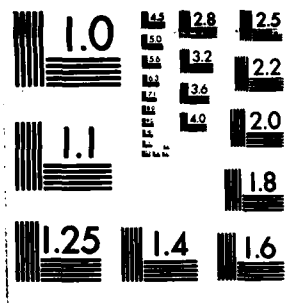
TOTAL NUMBER OF OBSERVATIONS

SMOS

AD-A150 406 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) 1/1
PENSACOLA FLORIDA(U) NAVAL OCEANOGRAPHY COMMAND
DETACHMENT ASHEVILLE NC FEB 84

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
[illegible]3	PENSACOLA, FLORIDA	73-82	MAY

CLASS: ALL WEATHER

CONDITION:

HOURS (L.S.T.): 12

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.6	1.9	.3								2.9	9.1
NNE			1.0	.3								1.3	10.0
NE	.3		.3	.3	.3							1.3	10.5
ENE		.6	.3									1.0	6.7
E	1.0	.6	2.3	.3								4.2	6.8
ESE		1.3	3.5	2.3								7.1	8.6
SE	.3	1.0	8.7	3.9	.3							14.2	9.8
SSE		1.9	7.4	3.5	.3							13.2	9.6
S	.3	1.9	15.2	8.4	.6							26.5	9.9
SSW			4.5	4.2	.6	.3						9.7	12.0
SW		.3	1.0	4.2	2.6	.3						8.4	14.5
WSW	.3		.3	1.6								2.3	11.4
W			1.3	1.0	.3							2.6	12.3
WNW				.6								.6	14.5
NW			.5	1.3								1.9	11.7
NNW		.6	1.0	.3	.3							2.3	10.1
VARBL													
CALM												.4	
	2.3	9.0	49.4	32.6	5.5	.6						100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

3[illegible]5 (STATION) | PE[illegible]ACOLA, FLORIDA (STATION NAME) | 73-[illegible] (YEARS) | MAY (MONTH)

ALL WEATHER (CLASS) | 1[illegible] (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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]	.3	1.9	1.3								3.[illegible]	[illegible].7
NNE		.[illegible]	.3	.6	.3							1.[illegible]	11.8
NE		.3	.3									.6	7.0
ENE		.3		.[illegible]								.6	9.0
E			.[illegible]									.[illegible]	1[illegible].0
ESE			2.3	.6	.3							3.[illegible]	11.5
SE		.6	2.9	3.2								6.[illegible]	10.5
SSE	.[illegible]	1.3	5.[illegible]	3.2	.3							11.[illegible]	9.6
S		3.9	18.1	5.2		.[illegible]						27.7	9.4
SSW		.0	3.[illegible]	9.0								12.9	12.0
SW			2.3	7.7	2.3							12.3	13.[illegible]
WSW			1.3	5.8	3.5							10.[illegible]	14.5
W	.[illegible]	.3	1.0	.6	.3							2.[illegible]	1[illegible].3
WNW			.[illegible]	.3								1.[illegible]	10.7
NW		1.0	.6	.3	.3							2.3	9.3
NNW			1.[illegible]	.[illegible]								1.9	9.7
VARBL													
CALM												.[illegible]	
	1.0	9.0	42.6	38.7	7.4	.6						1[illegible].[illegible]	11.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]10

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

3[illegible]5 (STATION) PENSACOLA, FLORIDA (STATION NAME) 73-82 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 18 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.6	1.6	1.9		.2						4.6	10.3
NNE			1.0	.3								1.3	8.8
NE		.3	.6	.3								1.2	8.5
ENE					.2							.2	18.0
E		.3	.2	.6								1.3	9.8
ESE		.3	.6	1.3								2.3	10.1
SE	.2	.6	4.2	1.3								6.5	8.7
SSE	1.0	4.5	1.6	2.6	.3							10.0	8.2
S	.3	4.2	8.1	1.3	.6							15.2	8.2
SSW	1.0	2.6	5.5	1.6	.3	.2						11.3	6.7
SW		3.2	5.8	5.2								14.2	9.3
WSW	.2	4.5	6.1	5.2	.3							16.5	8.8
W	.4	2.6	3.5	1.6								8.4	8.1
WNW			.4	.3								1.0	9.0
NW	.6	.3	.6	.3								1.9	6.7
NNW		.2	.6	1.3								2.3	9.6
VARBL													
CALM												1.5	
	4.5	25.2	41.0	25.2	1.9	.4						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 510

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

3155	PENSACOLA, FLORIDA	73-82	MAY
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

21
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.8	2.9	.6								7.1	6.9
NNE	1.0	1.6	1.0									3.6	5.3
NE	.3	.6	.6									1.6	5.6
ENE			.3									.3	7.0
E	.3	.3	.3									1.0	4.7
ESE	1.0	.6	1.3	1.0								3.9	7.3
SE	.6	2.6	1.6	2.3								7.1	8.1
SSE	1.3	3.5	1.9	2.6	.3							9.7	8.4
S	.3	4.8	4.5	2.9								12.6	8.3
SSW		2.6	2.9	1.0		.3						6.8	8.8
SW		2.9	2.6	1.3	.3							7.1	8.3
WSW	1.9	1.6	4.2	.6	.3							8.7	7.2
W	3.5	6.5	2.3	.3								12.4	5.2
WNW	1.0	1.6	.3	.3	.3							4.2	6.2
NW	.6	2.3	.3									3.2	4.9
NNW	1.3	1.9	1.9									4.8	6.3
VARBL													
CALM												5.6	
	14.5	36.1	29.0	12.9	1.3	.3						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

13-15	PENSACOLA, FLORIDA	73-82	MAY
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER — CLASS

ALL — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	3.3	2.5	.7	.1	.0						8.0	6.5
NNE	.9	1.7	.9	.3	.0							3.9	6.0
NE	.6	1.6	.8	.6	.1							3.7	6.5
ENE	.2	.9	.6	.2	.1							2.1	7.1
E	.6	1.0	1.5	.4	.0							3.5	7.2
ESE	.4	.9	1.4	1.5	.1							4.6	9.0
SE	.4	1.6	3.6	2.2	.2	.0						8.1	9.1
SSE	.4	2.2	3.6	2.1	.2							8.5	8.8
S	.4	3.1	7.5	3.6	.4	.1						15.0	9.2
SSW	.4	1.1	3.1	2.6	.1	.1						7.4	9.9
SW	.1	1.5	2.3	2.9	.9	.0						7.7	10.8
WSW	.4	1.3	2.1	2.2	.5							6.5	9.8
W	1.1	2.4	1.7	.7	.1							6.0	6.8
WNW	.4	.6	.5	.4	.0							2.1	7.5
NW	.3	1.2	.5	.5	.0							3.1	6.2
NNW	.2	1.7	1.5	.5	.1							4.7	6.7
VARBL													
CALM												5.1	
	9.3	26.1	34.6	21.5	3.0	.3						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 2460

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

3855	PENSACOLA, FLORIDA	73-82	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER — CLASS

00 — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	3.7	.3	1.0								7.0	5.3
NNE	2.0	1.3	.7									4.0	4.1
NE	1.0	1.3	1.0	.7								4.0	5.8
ENE	.7	1.3	.3	.3								2.3	5.7
E		.7	1.0	1.0								2.7	9.4
ESE		.7	.3	.3								1.0	10.7
SE	.7	1.0	.3	.7								2.7	6.5
SSE	1.0	1.7	1.3	.7								4.7	6.9
S	.3	2.3	4.3	1.7								8.7	8.3
SSW	.3	2.7	2.0	1.0								6.0	7.6
SW		2.0	3.3	1.7								7.0	9.2
WSW	1.0	2.3	4.3	1.3								9.0	7.1
W	2.7	5.7	2.0									10.3	4.9
WNW	2.3	4.0										6.3	3.8
NW	1.7	1.3	.3									3.3	4.0
NNW	1.0	4.7	1.7									7.3	5.4
VARBL													
CALM												13.7	
	16.3	36.3	23.3	10.3								100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 300

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

3-85 (STATION) PENSACOLA, FLORIDA (STATION NAME) 73-82 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 02 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.3	6.3	2.0	.7								13.3	4.6
NNE	2.7	3.3	1.7									7.7	4.7
NE	1.0	1.0	.7									2.7	4.5
ENE	1.0	1.0	.3									2.3	4.0
E		.7	2.3	1.0								4.0	9.2
ESE			1.7	.3								2.0	9.5
SE	.3	.7										1.0	4.3
SSE		1.0	1.0	.7								2.7	7.8
S	.3	3.0	4.7	2.0								10.0	8.1
SSW		.7	2.3	1.3								4.3	9.3
SW	.7	2.3	1.3	1.0								5.3	7.4
WSW	1.0	3.7	3.7	.7								9.0	6.9
W	1.7	4.3	3.0	.7								9.7	6.0
WNW	2.0	1.3	1.0									4.3	4.3
NW	1.7	3.0										4.7	3.6
NNW	2.3	3.7	1.3									7.3	4.6
VARBL													
CALM												9.7	
	19.0	36.0	27.0	8.3								100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 300

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

13-75	PENSACOLA, FLORIDA	73-82	JUN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER — CLASS

06 — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	5.3	7.7	2.7	.7								16.3	5.0
NNE	4.3	5.3	2.0	.7								12.3	4.9
NE	.7	3.3	2.3	.3								6.7	5.0
ENE	1.0	1.0	.7	.7								3.3	5.4
E	.7	1.3	2.7	.7								5.0	7.6
ESE		.7		.7								1.3	5.5
SE		1.0	.7	.7								2.3	7.6
SSE		1.7	.3									2.0	6.2
S	1.7	1.7	2.0	1.3	.3							6.7	7.5
SSW		1.3	2.7	1.0								5.0	8.5
SW		1.0		.3								1.3	7.3
WSW	.3	2.3	2.0	1.3								6.0	3.1
W	1.7	2.0	2.3	.3								6.3	6.3
WNW	1.7	3.7	2.0									7.7	4.9
NW	1.0	1.7	.7									3.3	4.9
NNW	2.3	2.0	.7	.3								5.3	4.5
VARBL													
CALM												9.7	
	20.0	37.7	23.3	9.0	.3							100.3	5.5

TOTAL NUMBER OF OBSERVATIONS 300

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

3[illegible]5 (STATION) | PENSACOLA, FLORIDA (STATION NAME) | 73-82 (YEARS) | JUN (MONTH)

ALL WEATHER (CLASS) | 09 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	3.0	3.3	1.0								8.7	6.8
NNE	1.3	2.3	1.0	1.0								5.7	6.4
NE	1.3	2.0	1.0	.7								5.0	5.7
ENE	.3	1.0	2.0	.7								4.0	6.1
E	.7	1.7	6.0	.7	.3							9.3	8.1
ESE	.3	1.3	2.3	.7								4.7	8.0
SE	1.0	1.3	2.0	.7								5.0	6.6
SSE	.7	2.0	3.3	1.3								7.3	7.5
S		3.3	6.0	1.0								10.3	7.8
SSW		1.7	4.3	1.7								7.7	8.8
SW		.7	3.3	2.7								6.7	10.0
WSW	.3	.3	.3	2.0	.7							3.7	12.4
W	.7	2.3	2.7	1.7	.3							7.7	8.5
WNW	.3	1.0	1.0	1.0								3.3	8.5
NW	.7	.7	3.3	.7								5.0	8.2
NNW	.7	2.3	2.3	.3								5.7	6.4
VARBL													
CALM												1.0	
	9.0	26.7	44.3	17.7	1.3							100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 300

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

3[illegible]5 (STATION) | PENSACOLA, FLORIDA (STATION NAME) | 72-82 (YEARS) | JU[illegible] (MONTH)

ALL WEATHER (CLASS) | 1[illegible] (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.7	.7	1.7								2.7	10.3
NNE		.3	.3	.7								1.3	[illegible].3
NE		.3										.3	5.[illegible]
ENE		.7	.3	.3								1.3	7.8
E	.7			.3								1.[illegible]	[illegible].[illegible]
ESE		.3	1.7	2.7								4.7	11.0
SE		1.0	5.7	2.3								8.7	9.4
SSE		.7	7.7	1.7								10.[illegible]	[illegible].[illegible]
S	.3	4.3	20.3	6.3								31.3	[illegible].[illegible]
SSW	.3	1.0	5.3	6.7	1.0	.3						14.7	11.3
SW			1.3	9.7	2.7							13.7	14.5
WSW			.7	1.7		.3						2.7	13.7
W		1.0	.7	.7								2.3	[illegible].6
WNW			1.0									1.[illegible]	[illegible].3
NW		.3		.3								.7	8.5
NNW		1.3	1.7	.3								3.3	[illegible].4
VARBL													
CALM												.3	
	1.3	11.7	47.3	35.0	3.7	.7						100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 300

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

3 . 5	PENSACOLA, FLORIDA	73-92	JU
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	•	•	•	1.0								2.0	8.4
NNE	•	•	•	•								1.0	7.0
NE			•	•								•	10.0
ENE		•		•								•	10.0
E													
ESE		•		1.0								1.0	11.0
SE	•	•	1.0	•								3.0	7.0
SSE		1.0	7.0	•								9.0	8.4
S	•	1.0	14.0	4.0								21.0	9.5
SSW			5.0	10.0	•							15.0	11.8
SW		•	2.0	20.0	2.0							25.0	13.2
WSW		1.0	•	6.0	3.0							11.0	14.1
W			1.0	1.0								2.0	10.0
WNW		•	•	•								1.0	9.0
NW		•	1.0									1.0	8.0
NNW				•	•							•	15.5
VARBL													
CALM												1.0	
	1.0	3.0	35.0	47.0	6.0							100.0	11.0

TOTAL NUMBER OF OBSERVATIONS 300

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	PENSACOLA, FLORIDA	[illegible]	J[illegible]

CLASS: ALL WEATHER

CONDITION:

HOURS (L.S.T.): 1[illegible]

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.[illegible]	2.[illegible]	1.[illegible]	.3							4.[illegible]	[illegible].[illegible]
NNE		.[illegible]	.[illegible]									1.[illegible]	7.[illegible]
NE													
ENE			1.[illegible]	.3								1.[illegible]	10.3
E		.[illegible]	1.[illegible]	.3		.[illegible]						[illegible].[illegible]	12.3
ESE	1.[illegible]	1.[illegible]	.3	.3								[illegible].[illegible]	[illegible].[illegible]
SE			1.[illegible]	.3								1.[illegible]	[illegible].[illegible]
SSE	1.[illegible]	1.3	2.[illegible]	.3								[illegible].[illegible]	6.[illegible]
S	.[illegible]	[illegible].[illegible]	[illegible].[illegible]	1.7								13.[illegible]	[illegible].[illegible]
SSW	.[illegible]	1.[illegible]	4.[illegible]	2.[illegible]								[illegible].[illegible]	[illegible].[illegible]
SW	.[illegible]	4.[illegible]	[illegible].[illegible]	4.3								1[illegible].3	[illegible].[illegible]
WSW	1.3	[illegible].3	11.[illegible]	7.3								[illegible].[illegible]	[illegible].9
W	.[illegible]	[illegible].3	5.[illegible]	1.[illegible]								[illegible].[illegible]	[illegible].[illegible]
WNW		.[illegible]	.[illegible]									1.[illegible]	[illegible].3
NW	.[illegible]	1.[illegible]	.[illegible]	.3								[illegible].[illegible]	5.[illegible]
NNW	.[illegible]	1.[illegible]	1.[illegible]	.3								3.[illegible]	6.[illegible]
VARBL													
CALM												.[illegible]	
	[illegible].[illegible]	25.3	47.[illegible]	19.7	.3	.[illegible]						1[illegible].[illegible]	[illegible].3

TOTAL NUMBER OF OBSERVATIONS [illegible]0

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	PENSACOLA, FLORIDA	[illegible]	JU[illegible]

CLASS: ALL WEATHE[illegible]

HOURS (L S T): 21

CONDITION:

SPEED (KNTS) DIR.	1 - 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]	[illegible]	.[illegible]								6.[illegible]	5.3
NNE	.[illegible]	1.[illegible]	1.[illegible]									3.[illegible]	5.[illegible]
NE	.[illegible]		.[illegible]									.[illegible]	[illegible].5
ENE		.[illegible]	.[illegible]	.3								1.[illegible]	[illegible].3
E	.[illegible]	.[illegible]	1.[illegible]	.[illegible]								2.3	7.4
ESE		.[illegible]	.[illegible]	1.[illegible]	.3							2.3	10.7
SE	.[illegible]	.[illegible]	.3	.[illegible]								2.3	6.[illegible]
SSE	.[illegible]	[illegible].[illegible]	[illegible].[illegible]	1.[illegible]								6.[illegible]	6.8
S	1.[illegible]	3.[illegible]	4.7	1.3								10.[illegible]	7.1
SSW	1.[illegible]	3.[illegible]	[illegible].[illegible]	.3								[illegible].[illegible]	[illegible].5
SW	.[illegible]	1.7	[illegible].3	.3								6.[illegible]	7.4
WSW	1.[illegible]	[illegible].[illegible]	[illegible].[illegible]	.[illegible]								10.3	[illegible].[illegible]
W	[illegible].[illegible]	11.[illegible]	4.[illegible]									18.[illegible]	[illegible].[illegible]
WNW	1.[illegible]	[illegible].[illegible]	.[illegible]									5.[illegible]	4.6
NW	1.[illegible]	2.3	.[illegible]									[illegible].[illegible]	4.3
NNW	.[illegible]	2.[illegible]	.[illegible]	.3								[illegible].[illegible]	[illegible].[illegible]
VARBL													
CALM												[illegible].[illegible]	
	1[illegible].8	43.0	29.3	6.7	.3							1[illegible].[illegible]	[illegible].4

TOTAL NUMBER OF OBSERVATIONS [illegible]C

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	PENSACOLA, FLORIDA	73-82	JUL

CLASS: ALL WEATHER

HOURS (L.S.T.): ALL

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.[illegible]	3.2	1.7	.9	.[illegible]							7.7	6.1
NNE	1.4	1.9	1.[illegible]	.3								4.7	5.[illegible]
NE	.[illegible]	1.0	.7	.2								2.5	5.8
ENE	.[illegible]	.7	.6	.4								2.0	7.1
E	.2	.7	1.7	.5	.[illegible]	.[illegible]						3.[illegible]	[illegible].5
ESE	.[illegible]	.[illegible]	.[illegible]	.9	.[illegible]							2.5	[illegible].1
SE	.4	.[illegible]	1.5	.7								3.3	7.8
SSE	.4	1.6	3.2	.8								6.0	7.7
S	.5	3.[illegible]	[illegible].[illegible]	2.5	.[illegible]							14.0	[illegible].4
SSW	.[illegible]	1.5	3.6	3.0	.2	.[illegible]						8.5	9.7
SW	.[illegible]	1.5	2.[illegible]	5.0	.6							10.2	11.0
WSW	.[illegible]	2.5	3.5	2.7	.5	.[illegible]						9.[illegible]	9.2
W	1.2	3.[illegible]	2.7	.7	.[illegible]							[illegible].2	[illegible].4
WNW	.[illegible]	1.9	.[illegible]	.2								3.[illegible]	5.4
NW	.[illegible]	1.4	.[illegible]	.2								3.1	5.5
NNW	.[illegible]	2.3	1.2	.2	.[illegible]							4.7	5.[illegible]
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	5.5	
	10.[illegible]	29.0	34.[illegible]	19.2	1.5	.1						[illegible]00.[illegible]	7.4

TOTAL NUMBER OF OBSERVATIONS [illegible]2400

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] 5 — STATION
PENSACOLA, FLORIDA — STATION NAME
73-[illegible] — YEARS
JUL — MONTH
ALL WEATHER — CLASS
20 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 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]	1.6	.[illegible]	.3								4.[illegible]	4.[illegible]
NNE	3.[illegible]	1.6	1.[illegible]									6.1	3.9
NE	1.[illegible]	2.3										3.[illegible]	3.5
ENE	.6	1.9	.6	.3								3.[illegible]	5.9
E	.6	1.3	1.6									3.[illegible]	6.3
ESE	.[illegible]	1.[illegible]	.6	.6								3.2	6.9
SE	1.[illegible]	1.6	.6	.6								3.9	5.7
SSE	.[illegible]	.3		.6								1.[illegible]	[illegible].8
S	.[illegible]	1.6	2.3	1.[illegible]		.[illegible]						5.[illegible]	6.8
SSW	1.[illegible]	2.[illegible]	2.6	1.9								7.[illegible]	7.6
SW	.[illegible]	2.3	2.3	1.[illegible]								6.1	7.3
WSW	1.[illegible]	3.[illegible]	1.[illegible]	.3								6.[illegible]	6.[illegible]
W	[illegible].3	7.4	3.[illegible]	.3								13.[illegible]	5.[illegible]
WNW	1.6	3.5	1.[illegible]	.3								6.[illegible]	4.9
NW	1.[illegible]	1.6	.[illegible]									3.2	4.6
NNW	1.[illegible]	2.9										4.5	3.7
VARBL													
CALM												15.[illegible]	
	20.[illegible]	37.1	19.0	7.4		.[illegible]						1[illegible].0	4.9

TOTAL NUMBER OF OBSERVATIONS [illegible]1[illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

3[illegible]5 (STATION) | PENSACOLA, FLORIDA (STATION NAME) | 73-82 (YEARS) | JUL (MONTH)

ALL WEATHER (CLASS) | 03 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	[illegible].5	1.7									8.7	4.5
NNE	1.4	2.9	.6									5.5	4.4
NE	1.9	2.3										4.2	3.8
ENE	1.7	1.6	1.0									3.9	4.5
E	.7	1.6	1.9									3.9	6.1
ESE	.3	.3	.3									1.0	5.0
SE		.7	1.3	.3	.3							2.3	10.0
SSE	.3	1.6	.6	.6								3.2	7.1
S	.4	.6	1.9	1.6	.3	.7						5.3	10.1
SSW	.7	.6	.6	.6								2.3	7.1
SW		1.3	1.3	.6								3.2	7.7
WSW		2.0	1.3	1.0								4.4	7.5
W	2.2	5.2	3.2	.6								11.3	5.7
WNW	2.3	4.8	1.0	.3								8.4	4.8
NW	1.3	3.5	1.0									5.8	4.9
NNW	.6	4.5	.6									5.5	4.7
VARBL													
CALM												19.0	
	16.5	39.7	18.1	5.9	.6	.7						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

3.05 (STATION) | PENSACOLA, FLORIDA (STATION NAME) | 73-92 (YEARS) | JUL (MONTH)

ALL WEATHE[illegible] (CLASS) | 05 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	7.1	5.2	1.4									13.7	3.6
NNE	3.2	2.6	.3									6.1	3.6
NE	1.4	3.2	.6									5.2	4.5
ENE	.6	2.3	1.6	.3								5.2	5.4
E	1.6	1.9	2.3									5.8	5.4
ESE	.3	.3	.6	.3								1.6	7.4
SE	.3	.3	1.3									1.9	7.3
SSE		.3	.6		.3							1.3	10.0
S	.3	1.0	1.6	.6								3.5	7.3
SSW	.3	.3		.3		.3						1.3	13.8
SW			1.0	1.9								2.9	11.2
WSW	.3	1.3	1.0									3.2	5.4
W	3.2	4.2	1.0	.3								8.7	4.6
WNW	1.3	1.9	1.3	.6								5.2	6.2
NW	2.6	4.2	1.9									8.7	5.1
NNW	3.5	4.2	1.4	.3								9.7	5.2
VARBL													
CALM												15.1	
	24.5	33.9	18.7	4.8	.3	.3						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 718

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

3[illegible]5	PENSACOLA, FLORIDA	73-82	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER — CLASS

00 — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 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.[illegible]	4.5	1.[illegible]								10.3	7.2
NNE	1.[illegible]	1.6	.[illegible]	.3								3.2	5.3
NE	1.[illegible]	.3	1.[illegible]	.3								2.6	5.A
ENE	.6	1.0	1.[illegible]	.6								3.[illegible]	6.7
E	1.3	2.[illegible]	3.2	1.[illegible]								8.4	7.[illegible]
ESE	.6	1.9	3.[illegible]	1.3								7.7	7.8
SE	.6	2.9	2.3									5.8	6.2
SSE	1.[illegible]	3.2	1.3	.6								6.1	6.6
S		1.9	2.3	.6	.6							5.[illegible]	7.2
SSW	1.[illegible]	1.[illegible]	1.[illegible]	1.[illegible]	.3	.[illegible]						5.5	[illegible].[illegible]
SW	.6		3.[illegible]	1.3	.3							5.[illegible]	9.3
WSW	1.[illegible]	1.[illegible]	.6	.6								3.2	5.6
W	.[illegible]	1.[illegible]	2.6	1.3								5.[illegible]	8.3
WNW		1.3	2.[illegible]	1.[illegible]								5.2	8.6
NW	1.[illegible]	.6	5.8	1.3								8.7	8.3
NNW	.[illegible]	3.[illegible]	3.9	1.3								9.[illegible]	7.[illegible]
VARBL													
CALM												3.2	
	11.[illegible]	29.[illegible]	41.6	13.5	1.3	.[illegible]						1[illegible].[illegible]	7.3

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

3-5 (STATION) | PENSACOLA, FLORIDA (STATION NAME) | 73-82 (YEARS) | JUL (MONTH)

ALL WEATHER (CLASS) | 12 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.4	1.3	.3								1.9	8.0
NNE		.3										.3	5.0
NE		.3		.3								.6	10.0
ENE			.3	.3	.3							1.0	13.3
E		.3	.6	1.0								1.9	10.0
ESE	.3	1.6	3.2	1.6								6.9	8.7
SE		1.6	5.2	2.3								9.0	9.0
SSE		3.5	4.2	.3								8.1	7.4
S		2.9	17.1	5.2		.3						25.5	9.2
SSW	.3	.3	7.7	6.8	.3	.3						15.8	10.5
SW		.3	2.6	8.1	1.0	.3						12.3	12.6
WSW	.3	.3	.6	1.9	.3							3.5	11.7
W	.3	.6	1.9	.6								3.5	9.4
WNW			1.0	1.0	.3							2.3	11.4
NW			.6	1.0								1.6	10.0
NNW	.3	1.9	1.0	.6								3.9	6.9
VARBL													
CALM												1.9	
	1.6	14.8	47.1	31.3	2.3	1.3						100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

7 5	PENSACOLA, FLORIDA	73-82	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

15
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.7	.4	.3								2.3	5.3
NNE		1.0										1.0	4.7
NE					.3							.3	17.0
ENE	.3			.7								.6	8.5
E		1.0		.3								1.3	5.3
ESE	.3	.3		.6								1.3	9.6
SE		1.3	1.3	1.9								4.5	9.1
SSE	.7	1.6	3.9	1.3								7.1	8.4
S	.7	3.2	13.2	4.3								21.6	9.2
SSW		.7	5.2	8.1	.3	.7						14.2	11.5
SW	.3	.6	6.8	14.2	1.0							23.0	12.2
WSW	.7	.3	3.5	7.7	1.6							13.8	12.6
W		.7	1.0	1.3		.7						3.7	11.7
WNW			1.3	.6	.3							1.9	12.3
NW		1.0	.3	.6								1.9	9.3
NNW		.7	.7	.3								1.7	8.7
VARBL													
CALM												.7	
	2.3	12.3	37.7	41.9	3.5	.4						100.0	10.6

TOTAL NUMBER OF OBSERVATIONS 311

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

3 [illegible] (STATION) PENSACOLA, FLORIDA (STATION NAME) 73-82 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 18 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	2.3	2.6	.6								6.1	7.3
NNE	.3	1.3	.3	.3								1.9	6.2
NE				.3								.3	13.0
ENE	.6	.3										1.0	3.0
E	.3	.3	.3	.3								1.3	5.3
ESE	.6	.3	.6	.3								1.9	6.7
SE		1.0	2.3	.3								3.5	7.9
SSE	.6	2.9	1.0									4.5	5.6
S	.3	3.9	3.5	.6								8.4	6.9
SSW		3.2	6.1	1.6	.3							11.3	9.2
SW		2.3	7.1	2.6	.3							12.3	9.0
WSW		5.3	12.3	6.5	.3							24.9	9.3
W	1.3	2.6	5.6	2.3	.3							11.6	8.6
WNW		1.9	1.3	.3								2.9	7.6
NW	1.0	1.3	1.6									3.9	5.3
NNW		.6	1.0									1.6	7.6
VARBL													
CALM												2.6	
	5.5	29.0	45.5	16.1	1.3							100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 312

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

3455 (STATION) PENSACOLA, FLORIDA (STATION NAME) 73-82 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 21 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	3.2	.6									5.2	4.6
NNE	1.0	1.0		.3								2.3	4.6
NE	.3	1.6	.3		.3							2.5	6.4
ENE	1.3	2.6	.3									4.2	4.3
E		1.3	.3	.6								2.3	7.7
ESE	.6	1.3	.3	.6								2.9	6.6
SE		1.0	.3									1.3	6.0
SSE	.3	2.3	1.		.3							3.9	6.6
S	.3	2.9	4.5	.3								8.1	7.2
SSW	.3	1.0	2.3	.3	.6							5.5	8.3
SW	.3	3.2	1.3	.6	.6							6.1	7.9
WSW	1.0	5.1	3.2	.6								11.0	6.1
W	3.9	9.4	6.1	1.3								19.7	6.2
WNW	1.3	4.5	1.3	.3								8.4	4.7
NW	1.3	1.0	.3	.3								2.9	5.1
NNW	1.3	1.3	.6									3.2	4.6
VARBL													
CALM												10.3	
	14.3	44.5	22.9	5.5	1.9							100.2	5.5

TOTAL NUMBER OF OBSERVATIONS 710

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible]	PENSACOLA, FLORIDA	73-[illegible]	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.[illegible]	3.[illegible]	1.6	.3								6.[illegible]	5.3
NNE	1.4	1.5	.3	.1								3.[illegible]	4.4
NE	.[illegible]	1.2	.2	.1	.1							2.[illegible]	5.1
ENE	.[illegible]	1.2	.[illegible]	.2	.0							2.[illegible]	5.9
E	.[illegible]	1.[illegible]	1.3	.4								3.[illegible]	6.8
ESE	.[illegible]	.[illegible]	1.2	.7								3.[illegible]	7.6
SE	.[illegible]	1.2	1.[illegible]	.6	.0							4.[illegible]	7.9
SSE	.4	2.[illegible]	1.6	.4	.1							4.4	7.3
S	.[illegible]	2.3	5.[illegible]	1.9	.1	.1						10.4	[illegible].8
SSW	.[illegible]	1.2	3.3	2.6	.2	.[illegible]						7.[illegible]	9.6
SW	.[illegible]	1.2	3.2	3.[illegible]	.5	.[illegible]						9.1	10.5
WSW	.[illegible]	2.7	3.1	2.3	.3							8.9	[illegible].5
W	1.[illegible]	3.[illegible]	[illegible].1	1.0	.0	.[illegible]						9.[illegible]	6.7
WNW	.[illegible]	2.2	1.[illegible]	.6	.1							5.1	6.4
NW	1.[illegible]	1.[illegible]	1.5	.4								4.[illegible]	6.2
NNW	1.0	2.4	1.1	.3								4.[illegible]	5.6
VARBL													
CALM												[illegible].[illegible]	
	12.3	30.0	31.[illegible]	15.8	1.5	.4						1[illegible].[illegible]	6.9

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)

[illegible] (STATION) | PENSACOLA, FLORIDA (STATION NAME) | 73-82 (YEARS) | AUG (MONTH)

ALL WEATHER (CLASS) | 06 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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]	2.[illegible]	.[illegible]									[illegible]	3.[illegible]
NNE	[illegible]	1.3	.6									5.[illegible]	[illegible].4
NE	1.[illegible]	3.5	1.[illegible]									6.5	4.8
ENE	.[illegible]	2.6	.6	1.6								5.2	7.3
E	1.[illegible]	3.[illegible]	2.[illegible]	1.[illegible]								8.1	6.[illegible]
ESE	.[illegible]	1.[illegible]	1.[illegible]									2.6	6.6
SE	1.[illegible]	[illegible].2	1.[illegible]	.6								5.[illegible]	5.6
SSE	.[illegible]	1.[illegible]	1.[illegible]	.6								3.5	7.0
S	.[illegible]	2.[illegible]	1.[illegible]	1.3	.3							6.5	7.4
SSW	.[illegible]	1.[illegible]	1.6									3.[illegible]	5.4
SW		.[illegible]	1.[illegible]	.6								2.3	[illegible].9
WSW	.[illegible]	1.[illegible]	.5									1.[illegible]	5.8
W	[illegible].9	[illegible].2	1.[illegible]									[illegible].1	4.5
WNW	1.[illegible]	1.6	.[illegible]									[illegible].2	[illegible].8
NW	1.[illegible]	2.[illegible]	.6									4.5	4.5
NNW	1.[illegible]	1.[illegible]	.3									[illegible].2	4.3
VARBL													
CALM												[illegible].3	
	21.[illegible]	33.9	15.[illegible]	5.9	.3							[illegible]0.[illegible]	4.2

TOTAL NUMBER OF OBSERVATIONS [illegible]16

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	PENSACOLA, FLORIDA	[illegible]	[illegible]

CLASS: ALL WEATHER

HOURS (L S T.): [illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	7.4	.7									13.2	7.7
NNE	.3	3.2										3.5	3.9
NE	1.3	6.5	1.9									10.7	5.1
ENE	.4	3.9	2.6	.3								7.2	6.5
E	.9	2.3	2.3	1.1								6.4	6.4
ESE		.7	1.1	1.0								2.3	5.7
SE	1.5	1.6	1.3	.3								4.2	6.2
SSE	.7	.3		.3								1.3	7.0
S		1.2	1.6	.6		.7						3.9	5.3
SSW		1.2	.3									1.3	5.3
SW		.7	1.2	.3								1.5	6.8
WSW	.1	1.3	1.1	.3								3.2	6.1
W	.1	4.8	.6									6.1	4.9
WNW	1.1	1.8										3.1	3.3
NW	1.2	1.1	.6									3.2	4.3
NNW	3.2	2.9	.3									6.4	7.4
VARBL													
CALM												17.4	
	22.4	40.0	15.2	4.2		.7						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS: 21[illegible]

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	.1	7.1	1.									1 .	6.1
NNE	.1	.	1.2									13.	4.
NE	1.	1 .	2.									14.	5.1
ENE	1.	4.	3.5									.7	.
E	.	3.	3.	1.6								.	7.
ESE		.6	.									1.3	.
SE		1.2	1.	.3								2.	8.
SSE		.	1.									1.3	7.2
S		.	.6	.3								1.	6.2
SSW	.		.	.3								1.	7.3
SW		.	.									.	.5
WSW		.										.3	.
W	.	2.	.2									.	5.
WNW	1.	1.										2.	3.1
NW	1.	1.	.3	.6								4.	4.9
NNW	1.	3.2	1.									5.	4.9
VARBL													
CALM												14.	
	21.6	41.3	1 .4	.2								1 0.	4.5

TOTAL NUMBER OF OBSERVATIONS 1

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]	PT. ACOLA, FLORIDA	[illegible]	AUG

CLASS: ALL WEATHE

HOURS (L S T.): 09

CONDITION:

SPEED (KNTS) DIR.	1 - 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].5	1.[illegible]									[illegible].[illegible]	[illegible].[illegible]
NNE	.[illegible]	1.9	1.[illegible]									3.[illegible]	[illegible].[illegible]
NE	1.[illegible]	2.[illegible]	1.6									5.[illegible]	5.3
ENE	1.0	[illegible].2	4.[illegible]	.6								9.7	7.1
E	1.[illegible]	5.5	9.7	[illegible].9								[illegible].[illegible]	[illegible].[illegible]
ESE	1.[illegible]	2.[illegible]	4.5	.6								8.7	6.7
SE		1.[illegible]	1.[illegible]	.3								2.6	7.9
SSE	.[illegible]	[illegible].9	1.[illegible]	.3								[illegible].[illegible]	6.1
S	.[illegible]	2.9	1.[illegible]	.3								4.[illegible]	6.1
SSW		1.[illegible]	1.[illegible]									2.[illegible]	6.[illegible]
SW	.[illegible]		.[illegible]									.[illegible]	6.5
WSW		1.[illegible]	.[illegible]	.3								1.[illegible]	[illegible].[illegible]
W	1.[illegible]	1.[illegible]	.[illegible]	.6		.[illegible]						4.[illegible]	6.6
WNW	.[illegible]	1.[illegible]	1.[illegible]									2.[illegible]	[illegible].[illegible]
NW	1.[illegible]	1.[illegible]	1.[illegible]	.3								[illegible].[illegible]	6.3
NNW	1.[illegible]	2.[illegible]	2.[illegible]	.3								7.1	[illegible].[illegible]
VARBL													
CALM												6.[illegible]	
	1[illegible].2	3[illegible].1	35.[illegible]	7.7		.[illegible]						1[illegible].[illegible]	[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible]5 | PENSACOLA, FLORIDA | 73-[illegible] | A[illegible]
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER | 1[illegible]
CLASS | HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.[illegible]	.[illegible]									1.[illegible]	[illegible].[illegible]
NNE	.[illegible]	.[illegible]	.[illegible]									1.[illegible]	4.[illegible]
NE	.[illegible]		1.[illegible]									1.[illegible]	7.6
ENE	.[illegible]	.6		.[illegible]								1.[illegible]	7.[illegible]
E	.[illegible]	.[illegible]	2.3	1.[illegible]	.[illegible]							[illegible].[illegible]	[illegible].9
ESE		1.[illegible]	[illegible].[illegible]	6.8								14.[illegible]	10.[illegible]
SE	.[illegible]	1.3	[illegible].4	1.9								11.[illegible]	[illegible].[illegible]
SSE	.[illegible]	[illegible].9	7.4	1.[illegible]								13.2	7.6
S	1.[illegible]	3.[illegible]	15.[illegible]	1.9	.[illegible]							[illegible]2.[illegible]	8.4
SSW	.[illegible]	1.[illegible]	6.[illegible]	[illegible].3								11.[illegible]	[illegible].[illegible]
SW		.[illegible]	1.[illegible]	3.2								[illegible].[illegible]	11.4
WSW		.[illegible]	1.[illegible]	.3								1.[illegible]	[illegible].[illegible]
W		.[illegible]	1.[illegible]	.6								2.3	[illegible].6
WNW	.[illegible]	1.[illegible]		.[illegible]								1.[illegible]	[illegible].2
NW	.[illegible]	.[illegible]										1.[illegible]	3.3
NNW	.[illegible]	1.3	.[illegible]									1.[illegible]	[illegible].3
VARBL													
CALM												1.[illegible]	
	[illegible].[illegible]	1[illegible].7	52.[illegible]	21.0	.6							1[illegible].[illegible]	[illegible].5

TOTAL NUMBER OF OBSERVATIONS [illegible]10

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible] 5	PE[illegible]ACOLA, FLORIDA	73-[illegible]	A[illegible]

CLASS: ALL WEATHE[illegible]

HOURS (L.S.T.): 1[illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.[illegible]		.[illegible]									.[illegible]	[illegible].[illegible]
NNE		.[illegible]	.[illegible]	.[illegible]								1.[illegible]	[illegible].[illegible]
NE	.[illegible]	.[illegible]	.[illegible]	.[illegible]		.[illegible]						1.[illegible]	10.6
ENE													
E		.[illegible]	1.[illegible]	.[illegible]								1.[illegible]	[illegible].[illegible]
ESE		1.[illegible]	1.[illegible]	3.5								[illegible].[illegible]	10.9
SE		1.[illegible]	5.5	1.6								[illegible].[illegible]	[illegible].6
SSE		[illegible].[illegible]	[illegible].[illegible]	.6								11.[illegible]	[illegible].0
S	.[illegible]	[illegible].6	14.[illegible]	4.2								21.[illegible]	[illegible].8
SSW	.[illegible]	1.[illegible]	[illegible].[illegible]	5.8	.3							16.1	[illegible].8
SW		1.[illegible]	5.[illegible]	8.1	.6							15.[illegible]	11.3
WSW	.[illegible]	.6	[illegible].[illegible]	1.6	.[illegible]							6.1	[illegible].9
W			1.[illegible]	1.[illegible]								[illegible].[illegible]	10.1
WNW	.6	.[illegible]	1.3	.[illegible]								[illegible].[illegible]	6.9
NW		.[illegible]	.[illegible]									.[illegible]	6.[illegible]
NNW		1.[illegible]	.6	.6								[illegible].[illegible]	[illegible].9
VARBL													
CALM												1.[illegible]	
	[illegible].[illegible]	14.[illegible]	51.[illegible]	28.4	1.[illegible]	.[illegible]						1[illegible].[illegible]	[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] (STATION) | PENSACOLA, FLORIDA (STATION NAME) | [illegible] (YEARS) | [illegible] (MONTH)

ALL WEATHER (CLASS) | [illegible] (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	2.6	1.6									5.7	5.0
NNE	.4	.7	.7									1.8	4.4
NE		1.7		.7								1.3	6.5
ENE		.7	1.7	.6								1.9	6.5
E	.6	.3	1.2	.3								2.2	7.3
ESE	1.2	2.3	1.2	.6								5.2	6.9
SE	.9	2.4	2.3	.6								6.1	6.9
SSE	1.7	2.9	1.8									5.4	5.9
S	.9	7.1	3.2									11.2	5.9
SSW		3.5	2.2									3.7	4.6
SW	.7	4.5	7.1	1.3								13.2	7.8
WSW	.6	5.2	5.2	1.2								11.2	7.4
W	2.3	6.1	4.8			.1						13.3	6.2
WNW	1.4	.3	.6									2.3	4.3
NW		.6		.7								1.3	7.3
NNW	1.7	1.3	1.6									3.6	5.7
VARBL													
CALM												3.9	
	11.6	42.9	36.1	5.2		.1						100.1	6.3

TOTAL NUMBER OF OBSERVATIONS 310

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

3 [illegible] 5 — STATION
PENSACOLA, FLORIDA — STATION NAME
[illegible]-72 — YEARS
AUG — MONTH
ALL WEATHER — CLASS
21 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.9	[illegible]	.7	.2								8.1	4.0
NNE	3.5	.3	.2			.1						4.2	4.5
NE	2.3	1.9	1.0									5.2	4.6
ENE	.4	1.9	1.3	1.1								4.7	6.9
E	.7	1.6	1.6	2.3								5.2	3.9
ESE	.3	2.3		.3								2.9	5.1
SE	1.0	2.3	1.3	.3								4.2	5.5
SSE	.6	1.6	1.6	.3								4.2	6.4
S	.3	3.9	3.5	.3								8.1	6.7
SSW	1.0	1.3	2.3									5.2	6.0
SW	.1	1.9	1.9	.6								5.3	7.3
WSW	1.0	2.3	1.0									4.5	5.1
W	2.6	3.9	.6	.3								7.4	4.4
WNW	3.2	3.2	.6									8.1	3.8
NW	1.5	1.3	.3									3.2	3.5
NNW	2.3	1.6	.3									4.2	3.6
VARBL													
CALM												15.5	
	29.5	35.5	18.4	5.6		.1						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 716

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	PENSACOLA, FLORIDA	73-82	AUG

CLASS: ALL WEATHER

CONDITION:

HOURS (L.S.T.): ALL

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNE	2.2	1.8	.7	[illegible]		[illegible]						[illegible]	[illegible]
NE	1.2	[illegible]	1.2	.1		[illegible]						[illegible]	[illegible]
ENE	[illegible]	2.1	1.7	.6								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	1.5	[illegible]							[illegible]	[illegible]
ESE	[illegible]	1.5	1.9	1.6								[illegible]	[illegible]
SE	[illegible]	1.[illegible]	2.7	.8								[illegible]	[illegible]
SSE	.4	2.[illegible]	2.9	.4								[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	1.1	.1	[illegible]						[illegible]	[illegible]
SSW	.4	1.[illegible]	2.[illegible]	1.[illegible]	[illegible]							[illegible]	[illegible]
SW	[illegible]	1.2	2.4	1.8	.1							[illegible]	[illegible]
WSW	[illegible]	1.5	1.5	.4	[illegible]							[illegible]	[illegible]
W	1.3	2.[illegible]	1.3	.3		.1						[illegible]	[illegible]
WNW	1.2	1.2	.5	.1								3.1	4.3
NW	1.[illegible]	1.1	.[illegible]	.2								2.[illegible]	[illegible]
NNW	1.[illegible]	1.[illegible]	.[illegible]	.1								4.4	5.[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	30.5	10.2	.3	[illegible]						[illegible]	6.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	PENSACOLA, FLORIDA	73-[illegible]	SEP

CLASS: ALL WEATHER

CONDITION:

HOURS (L S T): 00

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	[illegible]	[illegible]	1.7								[illegible]	[illegible]
NNE	.7	[illegible]	2.[illegible]	.7	.3							5.7	7.4
NE	[illegible]	3.7	1.[illegible]	1.[illegible]								6.7	5.[illegible]
ENE	1.[illegible]	.7	[illegible]	1.7								7.[illegible]	[illegible]
E	.7	1.7	2.7	2.7	.3							7.7	9.3
ESE			1.7	1.[illegible]								2.3	10.6
SE	.7	2.7	1.[illegible]	.7								[illegible]	5.5
SSE		1.7	1.7	2.3								5.7	9.2
S	.7	[illegible]	1.[illegible]	.3	.3				.3			[illegible]	9.2
SSW	.7	.7	1.[illegible]	1.3								[illegible]	[illegible]
SW			1.[illegible]	.3								1.[illegible]	10.[illegible]
WSW		[illegible]	1.[illegible]									2.3	6.6
W		[illegible]	.[illegible]	.3								2.7	6.[illegible]
WNW	1.7	1.[illegible]		.3								[illegible]	4.7
NW	1.7	2.3										4.[illegible]	[illegible]
NNW	2.3	[illegible]	.7									[illegible]	4.6
VARBL													
CALM												10.7	
	16.3	35.7	21.7	14.3	1.0				.3			1[illegible].[illegible]	6.2

TOTAL NUMBER OF OBSERVATIONS [illegible]0

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible]. ACOLA, FLORIDA	73-[illegible]	SEP

CLASS: ALL WEATHER

HOURS (L.S.T.): [illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 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]	10.7	4.[illegible]	.7			.3					23.7	5.1
NNE	[illegible].0	5.7	4.[illegible]	1.[illegible]								12.7	6.3
NE	[illegible].7	2.7	.7									6.[illegible]	4.3
ENE	.[illegible]	1.3	4.[illegible]	2.[illegible]								7.7	9.4
E	.7	1.7	5.[illegible]	4.7								12.0	[illegible].5
ESE		.7	.[illegible]									1.0	5.7
SE	.7	.3	.[illegible]	.3								2.0	7.0
SSE	.[illegible]	1.3	1.[illegible]	1.7	.3							4.7	9.1
S	.[illegible]	1.7	1.3	.3	.[illegible]							4.0	7.7
SSW		1.[illegible]	1.[illegible]	.3				.[illegible]				2.7	11.9
SW	.[illegible]	.7										1.[illegible]	4.3
WSW	.[illegible]		.[illegible]	.7								1.[illegible]	[illegible].[illegible]
W	.7	1.3	1.7									[illegible].[illegible]	6.1
WNW	1.[illegible]	1.3										[illegible].7	[illegible].[illegible]
NW	1.[illegible]	1.7	.3									[illegible].[illegible]	4.1
NNW	[illegible].0	2.7	1.[illegible]									5.7	4.4
VARBL													
CALM												6.[illegible]	
	21.0	34.7	25.3	11.7	.7		.3	.3				[illegible]00.[illegible]	6.2

TOTAL NUMBER OF OBSERVATIONS [illegible]76

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] PENSACOLA, FLORIDA [illegible] SEP

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	.7	3.7	5.7	1.[illegible]								23.[illegible]	5.2
NNE	2.7	3.[illegible]	3.3	1.3								15.[illegible]	[illegible]
NE	2.[illegible]	[illegible].7	3.[illegible]	.7								12.3	5.9
ENE	1.[illegible]	4.7	3.[illegible]	2.[illegible]	.3	.7						11.3	[illegible].3
E	.7	2.3	4.7	3.7								11.[illegible]	[illegible].3
ESE	.3		1.[illegible]									1.7	7.[illegible]
SE		.[illegible]	1.[illegible]	1.3								2.7	10.0
SSE	.7	.3	1.[illegible]	.3	.3							2.3	10.1
S		1.7	.[illegible]	.3		.7						2.3	[illegible].7
SSW		.[illegible]	.[illegible]	.3								1.7	9.6
SW						.[illegible]						.[illegible]	[illegible].[illegible]
WSW			.[illegible]									.7	9.[illegible]
W		1.[illegible]	.[illegible]									1.7	[illegible].[illegible]
WNW	.7	1.[illegible]										1.7	3.[illegible]
NW	[illegible].[illegible]	.7										[illegible].7	[illegible].[illegible]
NNW	1.3	2.3	.7					.[illegible]				4.7	7.1
VARBL													
CALM												4.[illegible]	
	17.7	39.3	25.[illegible]	11.[illegible]	.7	1.[illegible]		.3				[illegible]0.[illegible]	6.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	PENSACOLA, FLORIDA	[illegible]	SEP

CLASS: ALL WEATHER

HOURS (L S T): [illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	2.3	[illegible]	2.7								2.7	7.7
NNE		4.3	3.7	1.7								9.7	7.7
NE	.7	2.0	2.3	.7	.7							6.	8.3
ENE	1.7	4.0	5.7	2.3	.7							14.7	9.2
E	1.7	6.0	12.3	4.7	.3							25.0	8.3
ESE	.7	1.7	2.7	1.7								6.7	8.1
SE	.7	.3	1.	1.3	.3							3.7	10.0
SSE		1.0	1.0	1.7								3.7	10.2
S		.7	1.0									1.7	8.1
SSW			1.7	1.0		.7						2.7	11.5
SW			.7	1.3		.7						2.0	14.3
WSW	.7	.3										1.0	5.5
W			.7	.3								1.0	11.5
WNW		1.0	1.3	.3								2.7	7.1
NW		1.3	.7	.7		.7						2.3	10.1
NNW	.7	2.7	2.0	.3								5.3	6.5
VARBL													
CALM												2.7	
	7.3	26.7	40.3	20.0	2.0	1.3						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS [illegible]

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] | [illegible], ACOLA, FLORIDA | [illegible] | [illegible]
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	•	1.3	1.[illegible]	4.[illegible]								[illegible].[illegible]	10.[illegible]
NNE	.7	1.0	.[illegible]	1.0								[illegible].[illegible]	7.7
NE	.[illegible]		.[illegible]	.3								1.[illegible]	[illegible].[illegible]
ENE	.[illegible]	.[illegible]	2.[illegible]	1.0		.[illegible]						4.3	1[illegible].1
E		.0	4.[illegible]	3.7								[illegible].[illegible]	[illegible].4
ESE		1.[illegible]	4.[illegible]	4.7	.[illegible]							[illegible].[illegible]	1[illegible].5
SE	.[illegible]	1.[illegible]	10.[illegible]	4.0								16.[illegible]	9.1
SSE		[illegible].[illegible]	6.[illegible]	1.0	.[illegible]							12.[illegible]	[illegible].[illegible]
S	.[illegible]	4.5	[illegible].	1.0	.[illegible]							15.[illegible]	7.8
SSW	.[illegible]	.[illegible]	[illegible].	.[illegible]		.[illegible]						[illegible].[illegible]	9.6
SW		.[illegible]	[illegible].	1.3	.[illegible]							4.[illegible]	11.1
WSW			.[illegible]	1.[illegible]	.[illegible]							[illegible].[illegible]	13.6
W	.[illegible]		1.[illegible]	.[illegible]								[illegible].[illegible]	[illegible].1
WNW	.[illegible]	.[illegible]		.[illegible]								1.[illegible]	6.[illegible]
NW		.[illegible]	.[illegible]									1.[illegible]	[illegible].[illegible]
NNW	.[illegible]	.[illegible]	1.[illegible]	.7								[illegible].[illegible]	9.4
VARBL													
CALM												.[illegible]	
	4.[illegible]	1[illegible].7	48.3	25.7	[illegible].3	.[illegible]						1[illegible].[illegible]	[illegible].2

TOTAL NUMBER OF OBSERVATIONS [illegible]0

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	PENSACOLA, FLORIDA	73-[illegible]	[illegible]

CLASS: ALL WEATHER

HOURS (L.S.T.): [illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.7	3.7	4.3	.3							5.7	11.6
NNE		.7	1.7	1.7								2.7	10.1
NE		.7	.7	.7		.7						1.7	12.2
ENE	.7		.7	1.7	.7							3.1	10.8
E	.7	.7	1.7	1.3			.3					4.1	11.1
ESE			2.7	2.7	.3	.7						5.3	12.2
SE	.7	2.7	2.7	1.7								8.1	8.2
SSE		3.7	7.7	1.7		.7						13.3	8.7
S	.7	5.7	13.7	1.7								21.3	7.7
SSW		1.7	5.7	1.7								8.7	9.1
SW	.7	.3	3.7	4.3		.7						12.7	10.3
WSW			1.7	1.7	.7							4.1	12.5
W			.7	.7	.3							1.7	12.7
WNW			.7									.7	7.3
NW			1.	1.3								2.3	11.1
NNW		.7										.7	5.3
VARBL													
CALM												.7	
	.3	14.3	52.3	25.0	1.3	1.3	.3					100.7	9.6

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

3 5 — STATION
PENSACOLA, FLORIDA — STATION NAME
[illegible] — YEARS
SEP — MONTH
ALL WEATHER — CLASS
1[illegible] — HOURS (L S T
CONDITION

SPEED (KNTS) DIR.	1 - 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.[illegible]	1.[illegible]								[illegible]	5.[illegible]
NNE	1.[illegible]	[illegible]	1.[illegible]	.[illegible]								[illegible]	7.1
NE	.[illegible]	.[illegible]	1.[illegible]	1.[illegible]								[illegible]	7.6
ENE	1.[illegible]	.[illegible]	2.[illegible]	[illegible]								5.[illegible]	[illegible]
E	.[illegible]	1.[illegible]	1.[illegible]	.[illegible]				.[illegible]				4.[illegible]	[illegible]
ESE		1.[illegible]	[illegible]	1.[illegible]								[illegible]	[illegible]
SE		1.[illegible]	1.[illegible]	1.[illegible]	.[illegible]							[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]	.[illegible]							10.[illegible]	[illegible]
S	1.[illegible]	[illegible]	1.[illegible]	.[illegible]								[illegible]	5.4
SSW	.[illegible]	[illegible]	1.[illegible]	.[illegible]								[illegible]	[illegible]
SW	1.[illegible]	[illegible]	[illegible]	.[illegible]	.[illegible]							[illegible]	[illegible]
WSW	.[illegible]	[illegible]	1.[illegible]	1.[illegible]								[illegible]	[illegible]
W	1.[illegible]	[illegible]	[illegible]	.[illegible]								15.[illegible]	[illegible]
WNW		1.[illegible]	.[illegible]	.[illegible]								[illegible]	[illegible]
NW		1.[illegible]										1.[illegible]	[illegible]
NNW	1.[illegible]	[illegible]	.[illegible]	.[illegible]								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	13.0	43.[illegible]	26.[illegible]	14.[illegible]	1.0			.[illegible]				1[illegible].[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
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
[illegible]	PENSACOLA, FLORIDA	73-[illegible]	OCT

CLASS: ALL WEATHER

CONDITION:

HOURS (L.S.T.): [illegible]

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	8.4	[illegible]	[illegible]							[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ENE		[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE		[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]	.6							[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
S			[illegible]	[illegible]								[illegible]	[illegible]
SSW		[illegible]	[illegible]	.6		[illegible]						[illegible]	[illegible]
SW		[illegible]										[illegible]	[illegible]
WSW		[illegible]		1.3								[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	.6								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	11.3	[illegible]	28.4	16.1	1.3	[illegible]						[illegible]	7.1

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

3 .5 (STATION) | PE ACOLA, FLORIDA (STATION NAME) | 73-[illegible] (YEARS) | OCT (MONTH)

ALL WEATHE (CLASS)

07 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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]	13.[illegible]	7.1	[illegible]	.6							[illegible]	[illegible]
NNE	.[illegible]	[illegible].4	[illegible].[illegible]	.6								12.3	6.3
NE		5.[illegible]	4.[illegible]	.[illegible]								10.[illegible]	6.[illegible]
ENE	.[illegible]	1.6	4.[illegible]	1.9								[illegible].[illegible]	[illegible].[illegible]
E		1.9	3.[illegible]	3.9								9.4	9.3
ESE		1.[illegible]	.[illegible]	1.6								2.[illegible]	9.9
SE	1.0	1.0	.[illegible]	1.3	.3							4.[illegible]	8.5
SSE		.[illegible]	.6	.3								1.6	8.0
S	.[illegible]	.6	1.[illegible]	1.[illegible]								3.5	8.7
SSW			.[illegible]	.[illegible]								1.[illegible]	[illegible].0
SW		.[illegible]	.6									1.[illegible]	[illegible].3
WSW		.[illegible]		1.0								1.[illegible]	11.[illegible]
W		.6	1.0									1.[illegible]	6.[illegible]
WNW		.[illegible]	.[illegible]									.[illegible]	[illegible].0
NW	.[illegible]	.6	.[illegible]									1.[illegible]	4.[illegible]
NNW	1.0	[illegible].5	1.9	1.6								[illegible].[illegible]	6.[illegible]
VARBL													
CALM												1.[illegible]	
	[illegible].0	41.6	31.[illegible]	17.7	1.0							[illegible].[illegible]	7.4

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible]	PENSACOLA, FLORIDA	[illegible]	OCT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

OBS
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.[illegible]	12.[illegible]	7.1	3.9	.6							[illegible].[illegible]	7.1
NNE	.[illegible]	[illegible].1	3.[illegible]	1.[illegible]								13.[illegible]	6.4
NE	.3	4.[illegible]	6.[illegible]	.6								12.3	7.2
ENE		[illegible].[illegible]	5.[illegible]	2.3								11.3	[illegible].5
E		[illegible].3	4.9	5.5								12.3	10.9
ESE		.[illegible]	.[illegible]	.3								1.3	9.[illegible]
SE	.[illegible]	.6	.3	.6	.3							2.3	10.1
SSE	.[illegible]		.[illegible]	1.[illegible]								2.3	[illegible].3
S		1.[illegible]	.[illegible]		.3	.[illegible]						2.6	[illegible].6
SSW		.[illegible]		.6								1.[illegible]	12.[illegible]
SW			.[illegible]									.[illegible]	[illegible].[illegible]
WSW													
W	.[illegible]	.3	.[illegible]	.3								1.[illegible]	[illegible].[illegible]
WNW	.[illegible]	.3	.[illegible]	.3								1.[illegible]	8.2
NW		1.[illegible]										1.[illegible]	5.[illegible]
NNW	.[illegible]	4.2	1.[illegible]	1.[illegible]	.3							[illegible].[illegible]	[illegible].3
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	1.[illegible]	
	[illegible].1	40.[illegible]	33.[illegible]	17.1	1.6	.[illegible]						[illegible].[illegible]	7.7

TOTAL NUMBER OF OBSERVATIONS [illegible]310

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible] 5	PENSACOLA, FLORIDA	73-[illegible]	OCT

CLASS: ALL WEATHER

HOURS (L.S.T.): 09

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	4.5	[illegible]	4.5	1.6							[illegible]	[illegible]
NNE	.4	2.9	1.7	1.9		.7						7.7	[illegible]
NE	1.0	3.2	2.9	1.9								9.0	7.8
ENE	1.7	4.4	8.1	4.5								18.4	[illegible].4
E	.7	1.6	12.3	9.0								23.2	9.9
ESE		.4	1.9	1.6								4.7	10.0
SE		1.0	.7	.6	1.0							2.9	11.2
SSE		.7	1.6	1.0								2.9	9.7
S	.7	1.7	.3		.3							1.9	7.5
SSW				1.7		.7						1.3	16.6
SW			.4									.6	9.0
WSW			.4	.3								.4	11.5
W			.4	.4	.3							1.0	13.0
WNW		.6	.7	.3								1.3	7.3
NW		.3	.6	.6	.3							1.4	11.3
NNW	.7	2.6	1.3	1.6	.3							6.1	8.3
VARBL													
CALM												1.7	
	4.5	23.5	36.2	29.7	3.9	.6						170.7	9.3

TOTAL NUMBER OF OBSERVATIONS: 311

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	PENSACOLA, FLORIDA	73-[illegible]	OCT

CLASS: ALL WEATHER

CONDITION:

HOURS (L.S.T.): 1[illegible]

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.[illegible]	3.[illegible]	4.5	.6							10.[illegible]	10.4
NNE	.[illegible]		2.[illegible]	2.3								[illegible].[illegible]	10.1
NE	.[illegible]	.[illegible]	.6	.6								1.[illegible]	8.8
ENE		.[illegible]	1.[illegible]	1.6								4.[illegible]	9.4
E	.[illegible]	2.3	7.[illegible]	4.2	.3							14.[illegible]	9.3
ESE		1.[illegible]	[illegible].1	5.5	.3							14.[illegible]	10.1
SE		1.3	6.[illegible]	4.5								12.6	9.9
SSE	.[illegible]	2.3	4.[illegible]	1.[illegible]								7.7	7.7
S		[illegible].3	4.[illegible]	1.3								7.7	8.3
SSW	.[illegible]		.6	.3	.3							1.5	10.[illegible]
SW		.[illegible]	.3	1.9								2.[illegible]	11.0
WSW			.[illegible]	.6		.[illegible]						1.[illegible]	15.0
W	.[illegible]	.[illegible]		.3	.6							1.9	10.3
WNW	.[illegible]		.6	1.0								1.9	10.[illegible]
NW		.[illegible]	3.[illegible]	.3								4.[illegible]	[illegible].[illegible]
NNW		.[illegible]	2.[illegible]	3.2	.3							6.5	10.7
VARBL													
CALM												.[illegible]	
	[illegible].6	13.[illegible]	47.4	33.2	2.6	.[illegible]						100.[illegible]	9.7

TOTAL NUMBER OF OBSERVATIONS: [illegible]10

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible] 5	PENSACOLA, FLORIDA	73-[illegible]	OCT

CLASS: ALL WEATHER

CONDITION:

HOURS (L.S.T.): 15

SPEED (KNTS) DIR.	1 - 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]	3.[illegible]	7.1	1.6							13.[illegible]	11.[illegible]
NNE		.[illegible]	1.[illegible]	.6								2.3	[illegible].6
NE		.[illegible]	.6	1.3								2.3	10.6
ENE		.3	1.6	.[illegible]								2.[illegible]	[illegible].[illegible]
E		1.[illegible]	3.2	1.6								5.[illegible]	9.4
ESE	.[illegible]	1.3	4.[illegible]	3.[illegible]								10.[illegible]	[illegible].4
SE	.3	[illegible].[illegible]	5.2	2.6								11.[illegible]	8.2
SSE	.[illegible]	2.[illegible]	[illegible].9	1.3								6.4	7.8
S	1.[illegible]	[illegible].2	7.4	.3								13.[illegible]	6.[illegible]
SSW		.[illegible]	4.[illegible]	.3								5.[illegible]	8.1
SW		.[illegible]	2.6	4.5								7.4	11.1
WSW		.3	.3	1.9								2.6	11.[illegible]
W				1.[illegible]	.3							1.9	15.[illegible]
WNW			.[illegible]	.3								1.[illegible]	10.3
NW		.[illegible]	1.[illegible]	1.3								2.6	10.9
NNW		1.[illegible]	4.2	2.6	.3							[illegible].1	10.2
VARBL													
CALM												.[illegible]	
	[illegible].6	1[illegible].7	44.[illegible]	31.3	[illegible].3							1[illegible].[illegible]	[illegible].4

TOTAL NUMBER OF OBSERVATIONS [illegible]15

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] | PFN, PENSACOLA, FLORIDA | [illegible] | OCT
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER | 19
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	1.0	3.8	5.8	3.5	.3							14.5	8.6
NNE		1.0	3.5	.3								4.8	7.8
NE	.3	1.0	1.6	.3								3.2	7.4
ENE	1.3	1.3	.6	.6								3.8	6.2
E	1.3	1.8	1.3	.6								5.0	6.3
ESE	1.0	1.8	2.6	.3								6.8	6.2
SE	2.3	2.3	2.6	1.0								8.1	6.6
SSE	1.8	1.3	1.6	1.0								5.7	6.5
S	.6	3.5	1.6			.3						6.1	6.2
SSW	1.0	1.6	.6	.3								3.5	5.5
SW	.3	2.3	.6	.6								4.2	5.5
WSW	1.3	2.3	1.3	.6								5.2	5.9
W	1.5	6.1	4.8	.6								13.2	6.3
WNW	.3	.3	.3	.3								1.3	7.0
NW		.3	.6	.3								1.3	6.8
NNW	.3	4.2	2.3									6.8	6.0
VARBL													
CALM												7.4	
	14.5	34.8	31.9	10.6	.3	.3						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

3 - 5 (STATION) | PE . ACOLA, FLORIDA (STATION NAME) | 7?-?? (YEARS) | OCT (MONTH)

ALL WEATHER (CLASS) | 21 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	7.1	[illegible].1	2.3	1.[illegible]							23.6	7.5
NNE	1.[illegible]	2.3	2.[illegible]	1.0								6.7	5.5
NE	.[illegible]	1.9	1.[illegible]									3.[illegible]	6.1
ENE		2.[illegible]	1.[illegible]	.3								4.[illegible]	6.7
E	.[illegible]	2.9	3.[illegible]	2.3								[illegible].[illegible]	5.4
ESE		.[illegible]	.[illegible]	.6								1.[illegible]	10.[illegible]
SE	.[illegible]	2.3	1.3	1.9	.3							6.1	8.9
SSE		.[illegible]	1.[illegible]	1.6								4.[illegible]	[illegible].9
S	.[illegible]	1.[illegible]	1.3	.3								3.9	6.4
SSW	.[illegible]	.3	.[illegible]	.3								1.[illegible]	7.6
SW		.[illegible]	.[illegible]	.3								1.3	[illegible].8
WSW		1.[illegible]	1.[illegible]									1.[illegible]	7.7
W	1.[illegible]	1.6	.6	.[illegible]								3.[illegible]	[illegible].[illegible]
WNW	1.[illegible]	2.3	.6									4.5	4.7
NW	1.3	2.[illegible]	1.[illegible]	.6								5.[illegible]	5.9
NNW	2.[illegible]	[illegible].5	2.[illegible]	.3	.3							11.[illegible]	[illegible].[illegible]
VARBL													
CALM												[illegible].[illegible]	
	13.[illegible]	35.5	29.0	12.3	1.6							1[illegible]0.[illegible]	[illegible].5

TOTAL NUMBER OF OBSERVATIONS [illegible]13

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible] PENSACOLA, FLORIDA	73-[illegible]	OCT

CLASS: ALL WEATHER

HOURS (L S T): ALL

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.[illegible]	[illegible]	5.9	4.[illegible]	.8							19.[illegible]	6.1
NNE	.7	[illegible]	2.[illegible]	1.[illegible]		.[illegible]						[illegible].3	7.[illegible]
NE	.4	2.6	2.6	.6								6.[illegible]	[illegible].1
ENE	.[illegible]	2.1	3.4	1.5								7.[illegible]	5.1
E	.5	2.0	4.5	3.8	.0							11.1	[illegible].2
ESE	.[illegible]	.[illegible]	2.[illegible]	1.[illegible]	.1							5.5	5.4
SE	.[illegible]	1.6	2.[illegible]	1.7	.3							6.5	[illegible].9
SSE	.[illegible]	1.2	2.[illegible]	1.[illegible]								[illegible].[illegible]	[illegible].[illegible]
S	.4	1.[illegible]	2.[illegible]	.6	.1	.1						5.[illegible]	7.6
SSW	.[illegible]	.4	1.[illegible]	.5	.[illegible]	.1						2.[illegible]	[illegible].[illegible]
SW	.1	.[illegible]	.[illegible]	.9								2.[illegible]	[illegible].1
WSW	.1	.[illegible]	.4	.[illegible]		.[illegible]						1.[illegible]	[illegible].[illegible]
W	.[illegible]	1.2	1.[illegible]	.5	.2							[illegible].[illegible]	7.5
WNW	.[illegible]	.6	.5	.3								1.[illegible]	7.[illegible]
NW	.3	.[illegible]	.[illegible]	.5	.[illegible]							2.7	7.7
NNW	.[illegible]	[illegible].7	2.2	1.6	.2							[illegible].4	7.6
VARBL													
CALM												2.[illegible]	
	[illegible].8	30.[illegible]	[illegible]5.4	21.[illegible]	1.[illegible]	.[illegible]						100.[illegible]	7.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]480

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	PENSACOLA, FLORIDA	[illegible]	N.

CLASS: ALL WEATHER

CONDITION:

HOURS (L S T): [illegible]

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	9.7	6.3	4.3	.3	.3						21.7	7.7
NNE	1.3	4.3	4.3	1.0	.3							10.3	7.2
NE	.3	2.3	3.3									6.0	6.2
ENE	.7	3.0	2.3	.7								6.3	7.1
E	.7	4.0	5.3	.7								10.3	7.5
ESE	.7	1.7	1.7	1.3								5.0	7.6
SE	.7	1.7	2.3	.7								5.3	7.5
SSE		.7	2.3	.7								3.7	8.8
S		.3	2.0	2.3	.3							5.0	10.5
SSW	.3	.7	1.0	.3								2.3	8.8
SW	.3	.3	1.0	.7								2.3	8.6
WSW		.3	.7	.3								1.3	7.3
W	.3	.3	1.0	.7	.3							2.7	9.7
WNW	1.0	1.3			.7							2.3	5.3
NW	1.0	2.7	1.0	.3	.3							5.3	6.9
NNW		2.3	2.0	1.0		.3						6.7	8.5
VARBL													
CALM												2.0	
	7.3	35.3	37.3	14.7	3.0	.3						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 300

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible]SACOLA, FLORIDA	[illegible]	[illegible]

CLASS: ALL WEATHER

HOURS (LST): [illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE		[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ESE			[illegible]	[illegible]		[illegible]						[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSE		[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
S		[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SW			[illegible]	[illegible]								[illegible]	[illegible]
WSW	[illegible]		[illegible]									[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
WNW		[illegible]	[illegible]		[illegible]							[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	11.0	34.0	31.0	23.7	[illegible]	[illegible]						[illegible]	7.7

TOTAL NUMBER OF OBSERVATIONS [illegible]

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NAVAL WEATHER SERVICE
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ASHEVILLE, NC

SURFACE WINDS

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

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

CLASS: ALL WEATHER

CONDITION:

HOURS (L S T): 24

SPEED (KNTS) DIR.	1 - 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]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]								11.[illegible]	7.6
NE	1.[illegible]	[illegible]	[illegible]	1.[illegible]								[illegible]	[illegible]
ENE	1.[illegible]	4.[illegible]	4.[illegible]	2.3								11.[illegible]	[illegible]
E	[illegible]	[illegible]	5.[illegible]	1.[illegible]								11.[illegible]	[illegible]
ESE		[illegible]	1.[illegible]	[illegible]								[illegible]	13.1
SE		[illegible]	1.[illegible]	[illegible]	[illegible]							[illegible]	10.[illegible]
SSE		[illegible]	1.[illegible]	[illegible]								2.[illegible]	[illegible]
S		[illegible]	[illegible]	2.3	[illegible]							5.[illegible]	11.4
SSW		[illegible]	[illegible]									1.[illegible]	[illegible]
SW				[illegible]								[illegible]	12.[illegible]
WSW			[illegible]	[illegible]								[illegible]	11.[illegible]
W	[illegible]	[illegible]	1.[illegible]	[illegible]								[illegible]	[illegible]
WNW		[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NW		[illegible]	1.[illegible]	1.[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	1.[illegible]		[illegible]						[illegible]	[illegible]
VARBL													
CALM												1.[illegible]	
	[illegible]	34.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible].1

TOTAL NUMBER OF OBSERVATIONS [illegible]

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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
[illegible]	[illegible]	[illegible]	NOV

CLASS: [illegible]

HOURS (L.S.T.): 1[illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		[illegible]	[illegible]	4.[illegible]	1.3							[illegible]	11.1
NNE	.[illegible]	.7	[illegible]	1.3	.7							5.[illegible]	9.4
NE		.[illegible]	.7	1.[illegible]								[illegible]	[illegible].9
ENE		1.[illegible]	[illegible]	1.3	.3							[illegible]	[illegible].5
E	1.[illegible]	[illegible]	[illegible]	[illegible]								16.[illegible]	[illegible].7
ESE		[illegible]	[illegible]	[illegible]								1[illegible]	[illegible].5
SE	.[illegible]	1.[illegible]	[illegible]	2.3								[illegible]	[illegible].3
SSE	.[illegible]	[illegible]	4.	.[illegible]								[illegible]	[illegible].4
S	.[illegible]	.7	1.[illegible]	[illegible]								[illegible]	10.9
SSW	.[illegible]		[illegible]	1.[illegible]		.[illegible]						2.[illegible]	11.1
SW			[illegible]	1.[illegible]								2.[illegible]	11.[illegible]
WSW													
W				.[illegible]	.7							1.[illegible]	1[illegible].[illegible]
WNW			.[illegible]	1.3	.3							2.[illegible]	12.[illegible]
NW	.[illegible]		.[illegible]	1.3	.7	.7						3.[illegible]	1[illegible].2
NNW		[illegible]	2.[illegible]	[illegible].7	.7	.7						[illegible]	11.[illegible]
VARBL													
CALM												.[illegible]	
	[illegible].3	[illegible].[illegible]	3[illegible].	32.3	[illegible].7	1.[illegible]						1[illegible].[illegible]	9.7

TOTAL NUMBER OF OBSERVATIONS [illegible]E

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible] PENSACOLA, FLORIDA	73-[illegible]	NOV

CLASS: ALL WEATHER

CONDITION:

HOURS (L.S.T.): 1[illegible]

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		[illegible]	[illegible]	5.7	.7	.7						11.7	11.5
NNE		1.0	2.3	2.0	.3							5.7	9.7
NE			1.[illegible]									1.0	[illegible]
ENE		1.7	.[illegible]	.3								2.3	7.0
E		1.[illegible]	3.3	2.3	.[illegible]							7.7	9.3
ESE		[illegible].3	[illegible].[illegible]	2.7								14.3	[illegible].7
SE	.[illegible]	1.[illegible]	3.[illegible]	1.3								[illegible].7	3.3
SSE	.[illegible]	2.7	[illegible].7	.7								9.3	7.4
S	[illegible].[illegible]	[illegible].[illegible]	4.7	3.3		.[illegible]						14.3	8.3
SSW	.[illegible]	1.3	3.[illegible]	.3								5.[illegible]	8.3
SW		1.[illegible]	[illegible].[illegible]	.[illegible]								3.[illegible]	8.5
WSW			1.[illegible]	.3	.3							[illegible].3	11.3
W		1.[illegible]	.[illegible]	.[illegible]	.3							3.[illegible]	[illegible].6
WNW			.[illegible]	1.3								1.[illegible]	12.[illegible]
NW	.[illegible]	.3	.[illegible]	2.[illegible]	.3							3.[illegible]	11.0
NNW	.3	1.[illegible]	3.7	1.3	1.[illegible]							[illegible].[illegible]	10.[illegible]
VARBL													
CALM												.[illegible]	
	[illegible].0	2[illegible].3	44.3	25.0	[illegible].3	.[illegible]						1[illegible]0.[illegible]	[illegible].1

TOTAL NUMBER OF OBSERVATIONS: 3[illegible]0

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	PENSACOLA, FLORIDA	[illegible]	NOV

CLASS: ALL WEATHER

CONDITION:

HOURS (L.S.T.): 1[illegible]

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	5.[illegible]	4.3	[illegible]	.7							13.[illegible]	[illegible].4
NNE	.7	2.7	2.3	1.3	.3							7.[illegible]	7.8
NE		1.[illegible]	.3	.3								2.[illegible]	5.5
ENE		[illegible].3	1.[illegible]	.3								4.[illegible]	5.5
E	.7	1.[illegible]	2.[illegible]	1.[illegible]								[illegible].[illegible]	7.7
ESE	.[illegible]	[illegible].3	[illegible].[illegible]	1.3								10.[illegible]	7.8
SE	1.0	2.[illegible]	2.[illegible]	.7								6.[illegible]	6.8
SSE	.7	2.[illegible]	2.3	.7								5.3	7.5
S	.7	2.3	3.[illegible]	1.[illegible]	.7							7.[illegible]	[illegible].3
SSW	.[illegible]	1.3	.3	1.[illegible]								[illegible].[illegible]	7.[illegible]
SW	.[illegible]	.7	1.[illegible]	.7								3.[illegible]	[illegible].1
WSW	1.[illegible]	.7	1.7									3.[illegible]	[illegible].[illegible]
W	1.[illegible]	2.3	2.[illegible]	.3								6.[illegible]	6.3
WNW	[illegible].[illegible]	1.0	.7									3.7	4.7
NW	.7	[illegible].[illegible]	.7	.3	.3							5.[illegible]	6.8
NNW	.7	4.7	1.[illegible]	1.7	.3							[illegible].7	7.[illegible]
VARBL													
CALM												6.7	
	10.0	[illegible].7	31.0	13.7	[illegible].0							1[illegible].[illegible]	6.9

TOTAL NUMBER OF OBSERVATIONS [illegible]00

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	PENSACOLA, FLORIDA	73-[illegible]	NOV

CLASS: ALL WEATHER

HOURS (L.S.T.): 21

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	7.7	7.3	3.7	.7							21.7	7.7
NNE	1.[illegible]	3.[illegible]	1.7	.3								5.[illegible]	5.7
NE	1.[illegible]	3.3	1.3	.7								6.7	5.6
ENE		2.7	3.3									6.[illegible]	7.1
E	1.[illegible]	4.3	2.7	1.[illegible]								9.[illegible]	6.9
ESE	.3	1.7	2.[illegible]	.7								4.7	7.5
SE	.3	1.3	.3	2.3								4.7	9.3
SSE		.7	2.[illegible]	2.7								5.3	10.3
S		2.[illegible]	2.3	2.3	.3							6.7	9.4
SSW		.7	.7	1.[illegible]	.3							2.7	10.6
SW	.7			.7								1.3	3.5
WSW		1.[illegible]	1.3									2.3	5.4
W	.7	1.[illegible]	2.[illegible]									3.7	6.2
WNW	.3	1.7	1.[illegible]	.3								3.3	6.4
NW	.7	3.7	.7	1.3								6.[illegible]	6.3
NNW	1.[illegible]	3.7	1.[illegible]	1.0								6.7	7.1
VARBL													
CALM												3.[illegible]	
	9.7	36.3	29.7	17.3	1.3							1[illegible]0.[illegible]	7.2

TOTAL NUMBER OF OBSERVATIONS: [illegible]

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

3 [illegible] 5 — [illegible] APOLA, FLORIDA — [illegible] — [illegible]

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — ALL

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	.3	4.8	4.3	.7	.1						16.1	9.6
NNE	.7	3.	2.7	1.5	.2							8.2	7.6
NE	.5	2.6	2.3	.9	.3							6.4	7.1
ENE	.3	2.3	2.5	1.2	.1							6.5	7.7
E	.9	3.5	5.2	2.0	.0							11.7	7.9
ESE	.2	1.7	3.9	2.1	.2	.0						8.1	8.9
SE	.1	1.3	2.0	1.2	.0							5.2	8.4
SSE	.2	1.3	2.5	1.0								5.1	8.3
S	.1	1.5	2.9	2.7	.3	.1						7.3	9.6
SSW	.1	.7	.9	.5	.1	.0						2.5	8.6
SW	.1	.2	.3	.7								1.9	9.4
WSW	.1	.3	.4	.1	.0							1.2	7.3
W	.4	.2	1.1	.3	.2							2.2	7.6
WNW	.3	.6	.5	.6	.2							2.2	8.6
NW	.5	1.3	.8	1.0	.4	.1						4.1	8.4
NNW	.5	2.7	2.1	1.9	.3	.1						7.6	8.9
VARBL													
CALM												2.2	
	7.1	30.3	35.6	21.7	2.7	.4						100.1	8.2

TOTAL NUMBER OF OBSERVATIONS 2470

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] (STATION) | PENSACOLA, FLORIDA (STATION NAME) | [illegible] (YEARS) | DEC (MONTH)

ALL WEATHE[illegible] (CLASS) | [illegible] (HOURS (L.S.T.)

(CONDITION)

SPEED (KNTS) DIR.	1 - 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]	1[illegible].3	7.1	4.2	.6							22.[illegible]	7.6
NNE	.[illegible]	[illegible].2	2.8	.6								7.1	6.7
NE	1.[illegible]	1.6	1.[illegible]	.3								4.2	5.6
ENE	.[illegible]	1.[illegible]	2.6	1.3								5.[illegible]	8.[illegible]
E		[illegible].9	2.[illegible]	2.[illegible]	.3							9.[illegible]	[illegible].[illegible]
ESE		1.[illegible]	2.[illegible]	1.6	.3							5.[illegible]	9.4
SE	.[illegible]	1.3	1.[illegible]	.6		.[illegible]						4.[illegible]	9.6
SSE	.[illegible]	.6	1.[illegible]	2.3								5.2	[illegible].7
S		.[illegible]	1.[illegible]	2.6	.3		.3					4.[illegible]	13.8
SSW	.[illegible]	.6	1.[illegible]	.6	.3							2.9	[illegible].4
SW	.[illegible]	.6	1.3	1.[illegible]								3.2	[illegible].7
WSW		.3	.[illegible]	.3								1.[illegible]	[illegible].3
W		1.[illegible]	1.[illegible]	1.[illegible]	.3	.[illegible]						4.[illegible]	10.7
WNW	.[illegible]	.6	1.[illegible]	.6								2.9	7.[illegible]
NW		1.6	1.6	1.[illegible]	.3							4.[illegible]	[illegible].[illegible]
NNW	1.[illegible]	[illegible].2	[illegible].[illegible]	1.[illegible]	1.[illegible]	1.[illegible]						11.[illegible]	10.[illegible]
VARBL													
CALM												1.[illegible]	
	[illegible].[illegible]	32.[illegible]	32.[illegible]	21.3	[illegible].[illegible]	2.[illegible]	.3					1[illegible]0.[illegible]	[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]1[illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] 5 (STATION) PENSACOLA, FLORIDA (STATION NAME) 73-[illegible] (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

[illegible] (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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]	6.[illegible]	6.[illegible]	4.2	.6	.[illegible]						19.4	[illegible].0
NNE	.[illegible]	5.5	3.9	1.0								11.[illegible]	[illegible].9
NE	.[illegible]	3.2	2.6	1.0								7.1	7.1
ENE		2.[illegible]	3.9	1.0								7.4	[illegible].2
E	.6	[illegible].2	2.6	2.6	.3							8.4	[illegible].3
ESE	1.0	1.0	1.6	.3	.3							4.[illegible]	[illegible].0
SE	.[illegible]		1.[illegible]	1.9	.3							3.6	11.6
SSE		.[illegible]	1.0	1.0	.3							2.6	11.9
S	.[illegible]	.6	2.3	2.6		.[illegible]						6.1	1[illegible].5
SSW	.[illegible]	.3	1.6	.6	.6							3.6	1[illegible].7
SW			.[illegible]	.6	.6							1.[illegible]	12.5
WSW		.[illegible]	.3	1.0								1.[illegible]	[illegible].[illegible]
W		1.0	.3	.3	.3							1.[illegible]	[illegible].7
WNW		1.[illegible]	1.0	.3	.3							2.6	[illegible].3
NW	.3	1.0	.6	1.6	.3							3.[illegible]	9.8
NNW	1.3	2.9	2.9	3.2	.6	.[illegible]						11.[illegible]	1[illegible].1
VARBL													
CALM												1.[illegible]	
	[illegible].[illegible]	29.8	33.0	23.3	4.9	1.[illegible]						1[illegible].[illegible]	[illegible].9

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] PENSACOLA, FLORIDA [illegible] DEC

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	1.[illegible]	[illegible].1	[illegible].[illegible]	3.2	1.[illegible]	.[illegible]						18.[illegible]	[illegible].[illegible]
NNE	.[illegible]	3.6	3.9	1.9	.3							10.1	[illegible].[illegible]
NE	.[illegible]	3.9	4.9	1.[illegible]								10.4	7.1
ENE	.3	2.3	4.5	1.6								8.[illegible]	[illegible].0
E	1.[illegible]	2.[illegible]	4.5	2.6	.[illegible]							11.[illegible]	[illegible].7
ESE	.[illegible]	.3	1.[illegible]	.3		.[illegible]						2.[illegible]	10.1
SE	.[illegible]	1.[illegible]	1.[illegible]	1.3	1.[illegible]							4.9	10.[illegible]
SSE		.[illegible]		.6	.3							1.[illegible]	12.0
S		.[illegible]	1.[illegible]	2.3	.6	.[illegible]						5.[illegible]	12.3
SSW		.[illegible]	1.[illegible]	.6								2.3	[illegible].9
SW		.[illegible]	1.[illegible]	.6	.3							2.3	10.[illegible]
WSW	.[illegible]	.5	1.[illegible]		.3							1.[illegible]	[illegible].5
W		.[illegible]	.[illegible]	.6								1.[illegible]	8.6
WNW	.[illegible]	1.[illegible]	.6	.6	.3							2.[illegible]	8.4
NW	.6	.3	2.3	2.3	.3		.3					6.[illegible]	11.3
NNW	.[illegible]	2.6	2.6	2.6	.6	.6						9.4	10.[illegible]
VARBL													
CALM												.3	
	[illegible].[illegible]	27.3	36.[illegible]	22.4	[illegible].5	1.[illegible]	.3					100.[illegible]	[illegible].1

TOTAL NUMBER OF OBSERVATIONS [illegible]8

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible] 5	PENSACOLA, FLORIDA	73-[illegible]	DEC

CLASS: ALL WEATHER

HOURS (L.S.T.): 09

CONDITION:

SPEED (KNTS) DIR.	1 - 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]3	3.2	5.2	5.5	1.6	1.[illegible]						18.[illegible]	10.4
NNE		1.9	2.[illegible]	3.9	1.[illegible]							9.4	10.5
NE		2.[illegible]	3.2	1.0								6.[illegible]	7.6
ENE	.[illegible]	2.3	5.[illegible]	2.9								11.3	8.9
E	.3	2.9	7.4	2.9	.6							14.2	9.3
ESE	.3	.6	1.6	1.3	.3							4.[illegible]	9.4
SE	.[illegible]		.[illegible]	1.6		.[illegible]						2.9	11.6
SSE		.6	1.[illegible]	1.3	.3							3.2	10.9
S		.3	.6	1.0	.3	.[illegible]						2.9	11.2
SSW			1.[illegible]	1.6	.3							2.9	11.[illegible]
SW		.[illegible]	1.[illegible]	.6		.[illegible]						2.6	11.5
WSW			1.[illegible]	.6	.3							1.9	11.3
W		.[illegible]	.[illegible]	.3		.[illegible]						1.[illegible]	13.3
WNW	.[illegible]		.6		1.0							1.9	11.6
NW		.6	1.9	2.3	.6							5.5	10.9
NNW		1.[illegible]	2.6	1.9	1.9							7.8	11.8
VARBL													
CALM												2.3	
	3.9	17.[illegible]	36.6	28.8	[illegible].4	2.[illegible]						100.0	10.0

TOTAL NUMBER OF OBSERVATIONS [illegible]09

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

3[illegible]5 — STATION
PENSACOLA, FLORIDA — STATION NAME
73-7[illegible] — YEARS
DEC — MONTH
ALL WEATHER — CLASS
12 — HOURS (L S T)
CONDITION

SPEED (KNTS) DIR.	1 - 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]	2.[illegible]	4.[illegible]	4.5	1.3	.[illegible]						1[illegible].[illegible]	10.[illegible]
NNE	.6	2.3	1.6	2.9								7.4	8.7
NE		1.[illegible]	1.[illegible]	1.6								4.[illegible]	9.9
ENE	.[illegible]	1.[illegible]	1.5	.6								3.[illegible]	7.5
E	1.[illegible]	1.6	6.1	3.2	.6							12.[illegible]	[illegible].4
ESE		[illegible].[illegible]	3.6	4.2	.3							11.[illegible]	9.7
SE		1.[illegible]	1.[illegible]	2.6								4.[illegible]	9.6
SSE	.[illegible]	.6	1.[illegible]	1.9	.3							[illegible].[illegible]	10.[illegible]
S	.6	1.5	2.3	1.9								6.[illegible]	8.6
SSW		.[illegible]	1.3	1.6	1.[illegible]							4.5	12.3
SW	.[illegible]		.5	1.[illegible]								1.[illegible]	10.5
WSW			1.[illegible]	1.9								[illegible].2	11.2
W			.8	1.6	.3	.[illegible]						[illegible].[illegible]	13.7
WNW	.[illegible]	.3	1.[illegible]	1.3	1.[illegible]							3.[illegible]	12.3
NW		1.[illegible]	.[illegible]	1.9	1.[illegible]							4.5	12.2
NNW		.5	2.[illegible]	5.5	.6	.[illegible]						9.4	12.6
VARBL													
CALM												.[illegible]	
	4.5	17.[illegible]	31.7	38.5	6.5	1.[illegible]						1[illegible].[illegible]	10.3

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible] 5	PENSACOLA, FLORIDA	73-[illegible]	DEC

CLASS: ALL WEATHER

CONDITION:

HOURS (L S T): 1[illegible]

SPEED (KNTS) DIR.	1 - 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]	1.6	4.[illegible]	6.1	1.6	.[illegible]						15.2	12.1
NNE	.[illegible]	.6	1.6	1.[illegible]								3.6	[illegible].3
NE	.[illegible]	1.[illegible]	[illegible].[illegible]	.6								4.[illegible]	7.5
ENE	.[illegible]	1.[illegible]	.6									1.[illegible]	5.7
E		1.[illegible]	4.[illegible]	3.2								[illegible].1	[illegible].3
ESE	.3	1.6	4.5	3.2	.6							10.4	[illegible].6
SE	.[illegible]	2.6	1.[illegible]	2.6	.3	.[illegible]						7.[illegible]	[illegible].5
SSE		1.[illegible]	1.[illegible]	.6								[illegible].[illegible]	[illegible].[illegible]
S		[illegible].[illegible]	2.[illegible]	2.9								[illegible].1	[illegible].3
SSW		[illegible].3	1.6	1.9		.[illegible]						6.5	10.4
SW		.[illegible]	1.[illegible]	3.6								[illegible].[illegible]	11.0
WSW	.[illegible]		1.[illegible]	1.6								[illegible].[illegible]	10.4
W			1.[illegible]	1.9		.[illegible]						[illegible].[illegible]	12.4
WNW			.[illegible]	1.6								[illegible].3	12.6
NW		.3	.[illegible]	1.3	1.[illegible]							[illegible].[illegible]	13.3
NNW		1.[illegible]	[illegible].[illegible]	[illegible].9	.6							10.[illegible]	12.[illegible]
VARBL													
CALM												.[illegible]	
	[illegible].6	19.4	35.[illegible]	36.2	[illegible].2	1.[illegible]						[illegible]0.[illegible]	[illegible]2.1

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	PENSACOLA, FLORIDA	[illegible]	DEC

CLASS: ALL WEATHER

HOURS (L.S.T.): 1-

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	4.9	3.9	3.2	1.[illegible]	.[illegible]						14.[illegible]	[illegible].1
NNE	.[illegible]	[illegible].6	2.3	1.3								7.8	6.[illegible]
NE		1.5	.3	1.[illegible]								2.[illegible]	7.[illegible]
ENE	.[illegible]	1.6	.[illegible]	1.6								4.[illegible]	[illegible].[illegible]
E	1.[illegible]	[illegible].2	4.5	1.6								10.[illegible]	[illegible].[illegible]
ESE		1.[illegible]	[illegible].9	1.3	.3							7.1	9.[illegible]
SE		.[illegible]	1.[illegible]	1.9								4.5	10.7
SSE	.3	.3	.[illegible]	1.6								2.9	10.4
S	1.[illegible]	1.[illegible]	1.9	2.6								7.5	[illegible].[illegible]
SSW		1.[illegible]	.[illegible]	1.[illegible]	.3							3.6	[illegible].7
SW		1.[illegible]	.[illegible]	.6	.3							2.[illegible]	8.[illegible]
WSW	.6	1.[illegible]	1.[illegible]	.6								3.[illegible]	[illegible].3
W	1.[illegible]	1.3	4.5	1.[illegible]	.3							[illegible].1	[illegible].2
WNW		1.3	1.[illegible]									2.[illegible]	[illegible].4
NW	.3	1.[illegible]	2.6	.3	.3							[illegible].5	7.5
NNW	.3	2.[illegible]	3.6	1.9	.6							9.4	[illegible].[illegible]
VARBL													
CALM												2.[illegible]	
	[illegible].1	[illegible].[illegible]	33.1	22.1	[illegible].2	.[illegible]						1[illegible].[illegible]	[illegible].1

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible] ACOLA, FLORIDA	[illegible]	DEC

CLASS: ALL WEATHER

HOURS (L.S.T.): 21

CONDITION:

SPEED (KNTS) DIR.	1 - 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]	4.5	5.[illegible]	4.[illegible]	.3	.[illegible]						[illegible]	[illegible].7
NNE	1.[illegible]	1.[illegible]	1.[illegible]	.3								[illegible]	[illegible].6
NE	.[illegible]	1.3	3.6									[illegible]	[illegible].[illegible]
ENE	.[illegible]	2.[illegible]	2.[illegible]	1.[illegible]								[illegible]	[illegible].[illegible]
E	.[illegible]	3.[illegible]	2.6	1.6	.3							[illegible]	[illegible].[illegible]
ESE	.[illegible]		[illegible].[illegible]	[illegible].[illegible]								[illegible]	[illegible].[illegible]
SE		.[illegible]	1.[illegible]	2.[illegible]	1.[illegible]							[illegible]	[illegible].[illegible]
SSE	.[illegible]	.[illegible]	1.[illegible]	1.6	.6							[illegible]	[illegible].[illegible]
S	.[illegible]	1.[illegible]	1.[illegible]	[illegible].3	.3							[illegible]	[illegible].[illegible]
SSW	.[illegible]	.6	1.[illegible]	1.3								[illegible]	[illegible].[illegible]
SW	.[illegible]	.[illegible]	.[illegible]	1.[illegible]	.[illegible]							[illegible]	[illegible].[illegible]
WSW	.[illegible]	.[illegible]	.[illegible]	.[illegible]								1.[illegible]	[illegible].3
W	1.[illegible]	1.[illegible]	1.[illegible]	.6	1.[illegible]							[illegible]	[illegible].[illegible]
WNW	1.[illegible]	[illegible].3	1.[illegible]	.6								[illegible]	[illegible].1
NW	1.[illegible]	[illegible].3	1.[illegible]	1.[illegible]		.[illegible]						[illegible]	[illegible].[illegible]
NNW	1.9	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	.6	.[illegible]						11.[illegible]	[illegible].[illegible]
VARBL													
CALM												1.[illegible]	
	11.[illegible]	[illegible].9	31.2	24.4	[illegible].5	1.[illegible]						[illegible]	[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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	1.2	.1	.4	4.	1.	.						1	.
NNE	.	2.	2.	1.	.2							7.	.
NE	.	2.	2.	.8								.	7.4
ENE	.4	1.	2.	1.								.	.1
E	.	2.	4.	2.	.3							1	.7
ESE	.	1.2	2.	1.	.3	.						.	2.
SE	.	.	1.	1.	.	.						4.	1
SSE	.	.	1.1	1.4	.2							.	1.
S	.	1.	1.	2.	.2	.	.					5.	1.1
SSW	.1	.	1.1	1.	.3	.						3.	1
SW	.	.	.	1.1	.2	.						2.	1
WSW	.	.3	.	.	.1							.	.
W	.	.	1.	.	.3	.						7.	1
WNW	.	.	.	.	.							3.	.
NW	.	1.1	1.	1.	.	.	.					4.	1
NNW	.	2.	3.1	2.	.	.						1	1
VARBL													
CALM												1.	
	.	25.1	33.7	27.1	.1	1.	.1					1	.

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
[illegible]	[illegible] PENSACOLA, FLORIDA	[illegible]	ALL

CLASS: ALL WEATHER

CONDITION:

HOURS (L.S.T.): ALL

SPEED (KNTS) DIR.	1 - 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]	4.1	3.[illegible]	2.6	.5	.1	.[illegible]					12.5	[illegible].1
NNE	.[illegible]	2.2	1.[illegible]	.9	.1	.	.[illegible]					5.[illegible]	7.1
NE	.[illegible]	1.[illegible]	1.[illegible]	.7	.[illegible]	.[illegible]						4.[illegible]	7.[illegible]
ENE	.[illegible]	1.4	1.[illegible]	.9	.[illegible]	.[illegible]						4.[illegible]	7.[illegible]
E	.[illegible]	1.[illegible]	3.1	1.7	.1	.[illegible]	.[illegible]	.[illegible]				7.4	[illegible].
ESE	.[illegible]	1.1	2.[illegible]	1.[illegible]	.[illegible]	.						5.[illegible]	9.[illegible]
SE	.4	1.4	2.4	1.6	.2	.	.[illegible]					[illegible].[illegible]	[illegible].[illegible]
SSE	.[illegible]	1.[illegible]	2.[illegible]	1.4	.1	.[illegible]				.[illegible]		6.[illegible]	[illegible].[illegible]
S	.[illegible]	2.[illegible]	4.[illegible]	3.[illegible]	.3	.1	.[illegible]		.[illegible]			9.[illegible]	[illegible].9
SSW	.[illegible]	1.[illegible]	2.1	1.5	.1	.[illegible]	.[illegible]	.[illegible]				[illegible].1	[illegible].
SW	.[illegible]	.[illegible]	1.[illegible]	2.[illegible]	.3	.	.[illegible]	.[illegible]				[illegible].1	10.[illegible]
WSW	.	1.1	1.[illegible]	1.2	.2	.	.[illegible]					4.[illegible]	[illegible].[illegible]
W	.[illegible]	1.[illegible]	1.[illegible]	.8	.1	.1						[illegible].[illegible]	7.5
WNW	.[illegible]	1.1	.[illegible]	.[illegible]	.1	.						3.[illegible]	7.4
NW	.[illegible]	1.[illegible]	.[illegible]	.[illegible]	.3	.[illegible]	.[illegible]					3.[illegible]	[illegible].5
NNW	.7	2.1	1.[illegible]	1.4	.4	.1		.[illegible]				6.[illegible]	[illegible].[illegible]
VARBL													
CALM												[illegible].[illegible]	
	.[illegible]	[illegible].[illegible]	33.[illegible]	21.[illegible]	.2	.[illegible]	.	.[illegible]	.[illegible]	.[illegible]		[illegible].[illegible]	.1

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible]ACOLA, FLORIDA	73-[illegible]	ALL

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

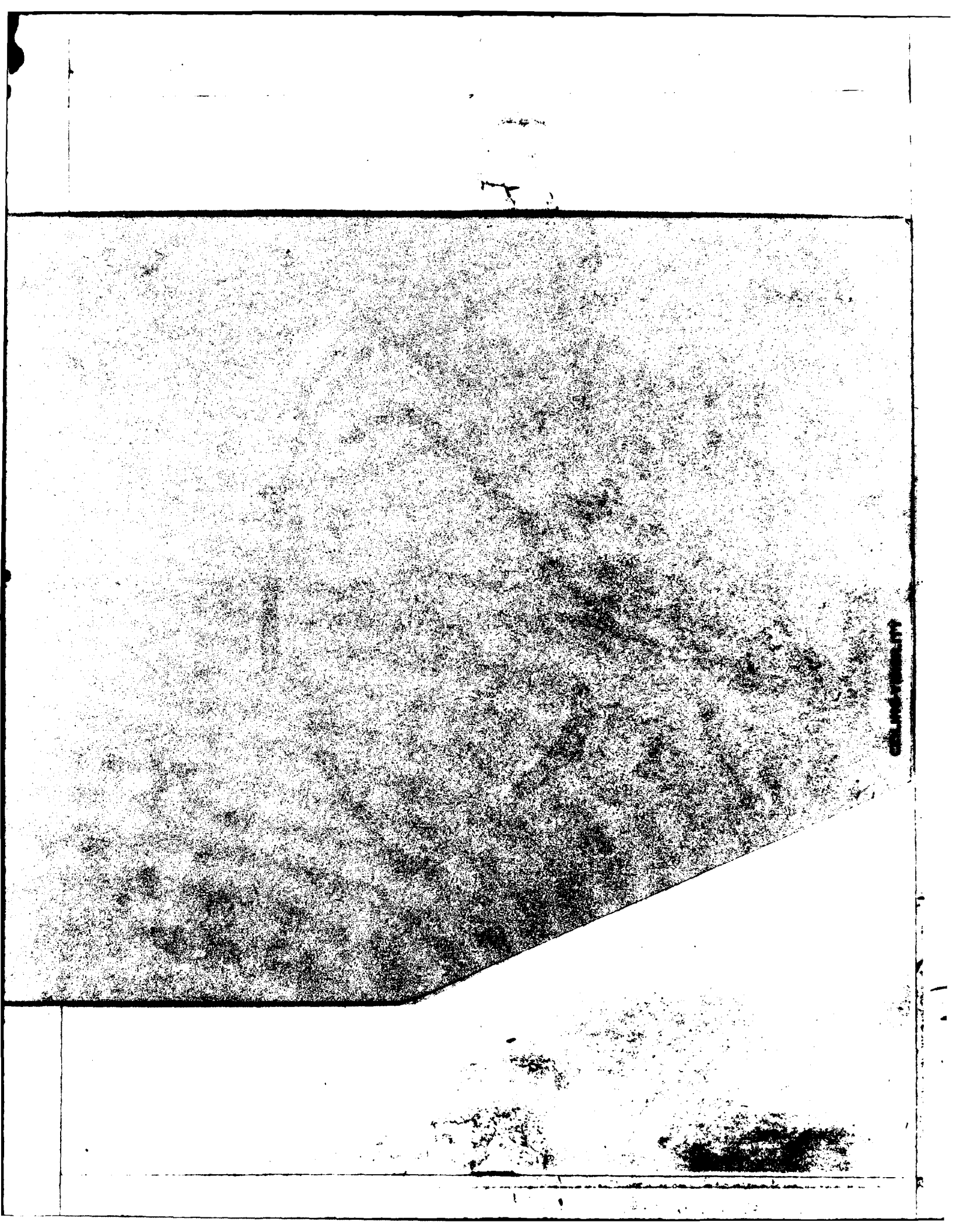
CIG 1000 TO 1400 FT W/VSBY 1/2 MI OR MORE,
(CONDITION)

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	3.[illegible]	2.9	3.6	1.[illegible]	.[illegible]	.[illegible]					11.[illegible]	9.[illegible]
NNE	.[illegible]	1.[illegible]	1.[illegible]	1.5	.7	.[illegible]	.1					5.[illegible]	8.7
NE	.[illegible]	1.[illegible]	1.[illegible]	1.	.1	.[illegible]						4.[illegible]	[illegible].2
ENE	.[illegible]	1.[illegible]	2.[illegible]	1.[illegible]	.1							[illegible].[illegible]	[illegible].8
E	.7	2.3	4.6	7.2	.4	.1	.[illegible]					11.[illegible]	[illegible].4
ESE	.[illegible]	1.2	3.[illegible]	3.7	.5	.						9.[illegible]	10.3
SE	.[illegible]	1.2	2.[illegible]	2.5	.4	.1						6.[illegible]	10.3
SSE	.[illegible]	1.[illegible]	2.[illegible]	2.4	.4	.[illegible]						7.[illegible]	10.1
S	.[illegible]	1.[illegible]	3.5	2.9	.6	.[illegible]	.[illegible]		.[illegible]			9.[illegible]	10.[illegible]
SSW	.[illegible]	.[illegible]	.[illegible]	1.2	.5	.[illegible]	.1	.[illegible]				[illegible].[illegible]	12.[illegible]
SW	.1	.[illegible]	1.1	1.6	.3	.1						3.[illegible]	11.2
WSW	.1	.7	1.1	1.1	.2	.[illegible]						3.[illegible]	[illegible].9
W	.[illegible]	.[illegible]	1.[illegible]	.9	.2	.1						[illegible].[illegible]	[illegible].7
WNW	.[illegible]	.[illegible]	.[illegible]	.3	.1	.[illegible]						1.[illegible]	[illegible].[illegible]
NW	.[illegible]	.7	.7	.9	.[illegible]	.1	.[illegible]					[illegible].4	10.3
NNW	.4	1.4	1.[illegible]	1.[illegible]	.7	.[illegible]		.[illegible]				[illegible].7	11.1
VARBL													
CALM												[illegible].[illegible]	
	[illegible].9	[illegible].[illegible]	31.1	[illegible].0	[illegible].3	1.[illegible]	.[illegible]	.1	.[illegible]			1[illegible].[illegible]	[illegible].6

TOTAL NUMBER OF OBSERVATIONS [illegible]51[illegible]

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

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																
AVI 18000																
AVI 16000																
AVI 14000																
AVI 12000																
AVI 10000																
AVI 9000																
AVI 8000																
AVI 7000																
AVI 6000																
AVI 5000																
AVI 4500																
AVI 4000																
AVI 3500																
AVI 3000																
AVI 2500																
AVI 2000																
AVI 1800																
AVI 1500																
AVI 1200																
AVI 1000																
AVI 900																
AVI 800																
AVI 700																
AVI 600																
AVI 500																
AVI 400																
AVI 300																
AVI 200																
AVI 100																
AVI 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																
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≥ 500																
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≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET 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	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
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≥ 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																
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≥ 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)

1
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																
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≥ 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																
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≥ 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																
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≥ 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	≥ 1⅛	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
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TOTAL NUMBER OF OBSERVATIONS _____

DIPNAVOCEANMET 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 _____

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																
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≥ 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																
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≥ 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 _____

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

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) 1

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																
IVV 18000																
IVV 16000																
IVV 14000																
IVV 12000																
IVV 10000																
IVV 9000																
IVV 8000																
IVV 7000																
IVV 6000																
IVV 5000																
IVV 4500																
IVV 4000																
IVV 3500																
IVV 3000																
IVV 2500																
IVV 2000																
IVV 1800																
IVV 1500																
IVV 1200																
IVV 1000																
IVV 900																
IVV 800																
IVV 700																
IVV 600																
IVV 500																
IVV 400																
IVV 300																
IVV 200																
IVV 100																
IVV 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

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																
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≥ 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																
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≥ 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																
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≥ 600																
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≥ 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 thru 16000																
14000 thru 12000																
10000 thru 9000																
8000 thru 7000																
6000 thru 5000																
4500 thru 4000																
3500 thru 3000																
2500 thru 2000																
1800 thru 1500																
1200 thru 1000																
900 thru 800																
700 thru 600																
500 thru 400																
300 thru 200																
100 thru 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET 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	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
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≥ 1800																
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≥ 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)

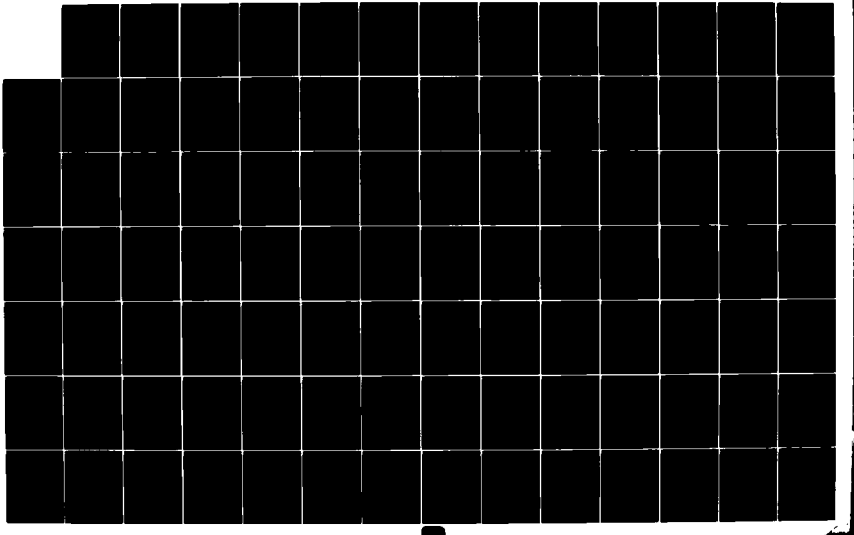
CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000																
≥ 18000 ≥ 16000																
≥ 14000 ≥ 12000																
≥ 10000 ≥ 9000																
≥ 8000 ≥ 7000																
≥ 6000 ≥ 5000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

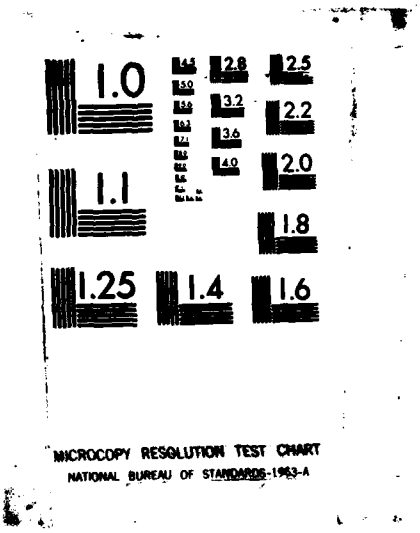
TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

AD-A160 446 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) 3/4
PENSACOLA FLORIDA(U) NAVAL OCEANOGRAPHY COMMAND
DETACHMENT ASHEVILLE NC FEB 84

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			40.0	42.3	43.	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 20000		41.3	42.2	45.5	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 18000		41.3	43.2	45.5	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 16000		41.3	43.2	45.5	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 14000		42.3	44.2	46.5	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 12000		44.2	46.5	49.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 10000		45.	48.4	50.7	52.6	52.9	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 9000		46.	49.7	51.9	53.9	54.2	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 8000		49.0	52.8	54.8	56.8	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 7000		49.7	53.2	55.3	57.7	58.4	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 6000		49.7	53.6	56.1	58.1	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 5000			53.9	56.8	58.7	59.4	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 4500		51.3	55.2	58.1	60.	60.7	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 4000		51.	56.1	59.0	61.	61.6	61.9	61.9	61.	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 3500		52.9	57.1	60.3	62.3	62.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 3000		53.	58.4	61.6	63.6	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 2500		55.2	60.0	63.2	65.2	65.8	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 2000		56.	62.3	65.8	67.7	68.4	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 1800		56.	62.3	65.8	67.7	68.4	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 1500		59.	66.1	72.0	71.9	73.2	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 1200		59.7	66.9	70.7	73.2	74.5	75.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 1000			67.7	72.6	75.2	76.5	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 900			69.	74.2	76.8	78.1	78.7	79.0	79.	79.0	79.0	79.0	79.0	79.0	79.0	79.
≥ 800		1.	69.7	74.8	77.7	79.	79.7	80.3	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 700		1.	7 .7	76.1	79.	80.3	81.	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 600		2.3	71.3	77.4	81.	82.3	83.	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 500		2.6	71.9	78.7	82.	83.6	84.5	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 400		2.6	71.9	80.0	84.2	86.5	87.7	88.4	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 300		3.3	72.6	80.7	85.8	88.4	89.7	91.3	91.6	92.3	92.3	92.3	93.6	93.6	93.9	93.9
≥ 200		3.3	72.6	80.7	86.1	89.0	90.3	92.6	92.9	94.2	94.2	94.5	96.5	96.5	97.1	97.1
≥ 100		3.3	72.6	80.7	86.1	89.0	90.3	92.6	92.9	94.5	94.5	94.8	97.1	97.4	98.1	98.7
≥ 0		3.3	72.6	80.7	86.1	89.0	90.3	92.6	92.9	94.5	94.5	94.8	97.1	97.4	98.7	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) 12

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																
< 20000 ≥ 18000																
< 18000 ≥ 16000																
< 16000 ≥ 14000																
< 14000 ≥ 12000																
< 12000 ≥ 10000																
< 10000 ≥ 9000																
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< 900 ≥ 800																
< 800 ≥ 700																
< 700 ≥ 600																
< 600 ≥ 500																
< 500 ≥ 400																
< 400 ≥ 300																
< 300 ≥ 200																
< 200 ≥ 100																
< 100 ≥ 0																

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS 72-92 MONTH MAR

HOURS (LST) 15

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	5.0	49.1	49.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 20000	5.5	56.5	57.4	57.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 18000	5.5	56.5	57.4	57.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 16000	5.5	56.5	57.4	57.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 14000	5.5	56.8	57.7	58.1	58.8	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 12000	5.5	57.4	58.4	58.7	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 10000	5.5	59.7	61.0	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 9000	5.5	60.3	61.6	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 8000	5.5	62.3	63.6	64.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 7000	5.5	62.5	63.9	65.2	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 6000	5.5	63.2	64.5	66.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 5000	5.6	64.6	66.1	67.7	68.7	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 4500	5.6	65.2	66.5	68.1	69.0	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 4000	5.6	66.2	67.1	71.3	71.3	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 3500	5.6	67.1	67.7	71.0	71.9	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 3000	5.6	69.7	71.6	73.9	74.8	75.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 2500	5.6	70.3	71.9	74.2	75.2	75.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 2000	5.6	71.0	73.6	75.8	77.1	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 1800	5.6	71.3	74.2	76.5	77.7	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 1500	5.6	74.5	77.1	81.6	82.9	83.2	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 1200	5.6	75.2	80.3	82.9	84.2	84.5	84.8	84.8	84.8	84.5	84.8	84.8	84.8	84.8	84.8	84.8
≥ 1000	5.6	75.5	80.7	83.6	85.5	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 900	5.6	75.6	81.3	84.2	86.1	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	87.1	87.1	87.1
≥ 800	5.6	76.1	81.6	84.5	86.8	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.7	87.7	87.7
≥ 700	5.6	76.1	81.9	85.2	88.1	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	89.0	89.0	89.0
≥ 600	5.6	76.3	82.2	86.1	89.4	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.3	90.3	90.3
≥ 500	5.6	76.8	82.9	86.5	89.7	90.3	90.7	91.0	91.0	91.3	91.3	91.3	91.6	91.6	91.6	91.6
≥ 400	5.6	77.1	83.2	86.1	91.9	92.6	92.9	93.2	93.2	93.6	93.6	93.6	93.9	93.9	93.9	93.9
≥ 300	5.6	77.1	83.2	86.4	92.9	93.6	94.2	94.5	94.5	96.1	96.1	96.1	96.5	96.5	96.5	96.5
≥ 200	5.6	77.1	83.9	86.7	93.6	94.2	94.8	95.2	95.2	97.4	97.4	97.4	98.4	98.4	98.4	98.4
≥ 100	5.6	77.1	83.9	86.7	93.6	94.2	94.8	95.2	95.2	97.4	97.4	97.4	99.0	99.0	99.0	99.7
≥ 0	5.6	77.1	83.9	86.7	93.6	94.2	94.8	95.2	95.2	97.4	97.4	97.4	99.0	99.4	99.7	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 (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING			47.7	49.0			50.0									
≥ 20000		52.3	55.2	57.1			58.4									
≥ 18000		52.3	55.2	57.1			58.4									
≥ 16000		52.3	55.2	57.1			58.4									
≥ 14000		52.3	55.5	57.4			58.7									
≥ 12000		53.2	56.5	58.4			60.0									
≥ 10000		54.5	57.7	59.7			61.3									
≥ 9000		54.5	57.7	59.7			61.3									
≥ 8000		57.4	60.7	62.9			64.5									
≥ 7000		58.7	62.0	64.8			66.8									
≥ 6000		59.1	62.9	65.2			67.4									
≥ 5000		60.0	64.2	66.8			69.4									
≥ 4500		60.1	64.5	67.4			70.7									
≥ 4000		60.7	65.5	68.4			71.6									
≥ 3500		61.3	66.1	69.0			72.3									
≥ 3000		62.6	66.1	71.6			74.8									
≥ 2500		63.9	68.7	73.9			77.4									
≥ 2000		63.9	70.3	75.2			78.7									
≥ 1800		63.9	70.7	75.5			79.0									
≥ 1500		64.2	72.3	77.4			81.3									
≥ 1200		64.5	72.6	78.1			82.6									
≥ 1000		64.8	72.9	78.7			83.2									
≥ 900		64.9	72.9	79.0			83.6									
≥ 800		66.1	74.2	80.3			84.8									
≥ 700		66.5	74.5	81.0			85.8									
≥ 600		66.5	74.5	81.0			86.5									
≥ 500		66.5	75.2	81.9			88.4									
≥ 400		67.4	76.1	82.9			90.3									
≥ 300		67.7	76.5	83.6			92.3									
≥ 200		67.7	76.5	83.6			93.2									
≥ 100		67.7	76.5	83.6			93.9									
0		67.7	76.5	83.6			93.9									

TOTAL NUMBER OF OBSERVATIONS 31[illegible]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[redacted] STATION | [redacted] PENSACOLA, FLORIDA STATION NAME | 73-82 YEARS | MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

21 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	[illegible]	47.4	52.3	51.9	52.9	53.9	54.2	54.8	54.8	55.2	55.5	55.5	55.5	55.8	55.9	55.9
≥ 20000	[illegible]	51.0	53.0	55.8	56.8	57.7	58.1	58.7	58.7	59.0	59.4	59.4	59.4	59.7	59.7	59.7
≥ 18000	[illegible]	51.3	54.2	56.1	57.1	58.1	58.4	59.0	59.0	59.4	59.7	59.7	59.7	60.0	60.0	60.0
≥ 16000	[illegible]	51.3	54.2	56.1	57.1	58.1	58.4	59.0	59.0	59.4	59.7	59.7	59.7	60.0	60.0	60.0
≥ 14000	[illegible]	51.6	54.5	56.5	57.4	58.4	58.7	59.4	59.4	59.7	60.0	60.0	60.0	60.3	60.3	60.3
≥ 12000	[illegible]	52.3	55.2	57.1	58.1	59.1	59.4	60.0	60.0	60.3	60.7	60.7	60.7	61.0	61.0	61.0
≥ 10000	[illegible]	54.2	57.1	59.4	60.3	61.3	61.6	62.3	62.3	62.6	62.9	62.9	62.9	63.2	63.2	63.2
≥ 9000	[illegible]	54.5	57.4	59.7	60.7	61.6	61.9	62.6	62.6	62.9	63.2	63.2	63.2	63.6	63.6	63.6
≥ 8000	[illegible]	56.5	59.4	61.9	62.9	63.9	64.5	65.2	65.2	65.5	65.8	65.8	65.8	66.1	66.1	66.1
≥ 7000	[illegible]	58.1	61.0	63.6	64.5	65.5	66.1	66.8	66.8	67.1	67.4	67.4	67.4	67.7	67.7	67.7
≥ 6000	[illegible]	58.4	61.3	63.9	64.8	65.8	66.5	67.1	67.1	67.4	67.7	67.7	67.7	68.1	68.1	68.1
≥ 5000	[illegible]	59.7	62.6	65.2	66.1	67.1	67.7	68.4	68.4	68.7	69.0	69.0	69.0	69.4	69.4	69.4
≥ 4500	[illegible]	60.7	63.6	66.1	67.1	68.4	69.0	69.7	69.7	70.0	70.3	70.3	70.3	70.7	70.7	70.7
≥ 4000	[illegible]	61.3	64.5	67.1	68.1	69.4	70.0	70.7	70.7	71.0	71.3	71.3	71.3	71.6	71.6	71.6
≥ 3500	[illegible]	61.6	64.8	67.4	68.4	69.7	70.7	71.3	71.3	71.6	71.9	71.9	71.9	72.3	72.3	72.3
≥ 3000	[illegible]	62.9	66.1	68.7	69.7	71.0	71.9	72.6	72.6	72.9	73.2	73.2	73.2	73.6	73.6	73.6
≥ 2500	[illegible]	62.9	66.5	69.0	70.0	71.3	72.3	72.9	72.9	73.2	73.6	73.6	73.6	73.9	73.9	73.9
≥ 2000	[illegible]	64.2	68.1	70.7	71.6	72.9	73.9	74.5	74.5	74.8	75.2	75.2	75.2	75.5	75.5	75.5
≥ 1800	[illegible]	64.2	68.4	71.0	71.9	73.2	74.2	74.8	74.8	75.2	75.5	75.5	75.5	75.8	75.8	75.8
≥ 1500	[illegible]	67.7	72.3	75.2	76.1	77.4	78.7	79.4	79.4	79.7	80.0	80.0	80.0	80.3	80.3	80.3
≥ 1200	[illegible]	68.1	72.6	75.5	76.5	78.1	79.4	80.0	80.0	80.3	80.7	80.7	80.7	81.0	81.0	81.0
≥ 1000	[illegible]	69.7	74.2	77.4	78.4	80.0	81.3	81.9	81.9	82.3	82.6	82.6	82.6	82.9	82.9	82.9
≥ 900	[illegible]	70.7	75.2	78.4	79.4	81.0	82.3	82.9	82.9	83.2	83.6	83.6	83.6	83.9	83.9	83.9
≥ 800	[illegible]	70.7	75.2	78.4	79.4	81.3	82.6	83.2	83.2	83.6	83.9	83.9	83.9	84.2	84.2	84.2
≥ 700	[illegible]	70.7	75.2	78.4	79.7	81.6	82.9	83.6	83.6	83.9	84.2	84.2	84.2	84.5	84.5	84.5
≥ 600	[illegible]	71.3	75.8	79.4	80.7	82.6	84.2	84.8	84.8	85.2	85.5	85.5	85.5	85.6	85.8	85.8
≥ 500	[illegible]	71.9	76.5	80.0	81.3	83.2	85.2	85.8	85.8	86.1	86.5	86.5	86.5	86.8	86.8	86.8
≥ 400	[illegible]	72.6	77.1	80.7	82.3	84.2	87.1	88.7	88.7	89.4	90.0	90.0	90.0	90.3	90.3	90.3
≥ 300	[illegible]	72.6	77.4	81.0	83.2	85.5	88.4	90.3	90.3	91.0	91.6	91.6	91.9	92.3	92.3	92.3
≥ 200	[illegible]	72.6	77.7	81.3	83.6	85.8	89.4	91.6	91.6	92.6	93.2	93.2	94.2	94.5	94.5	94.5
≥ 100	[illegible]	72.6	77.7	81.3	83.6	86.1	89.7	92.6	92.6	94.2	95.2	95.2	96.8	97.4	97.7	98.1
0	[illegible]	72.6	77.7	81.3	83.6	86.1	89.7	92.6	92.6	94.2	95.5	95.5	97.1	98.1	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET 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)

ALL

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING			44.0		45.9	46.2	46.7	46.9		47.3	47.5	47.5	47.8	47.9		
≥ 20000			49.1		51.3	51.7	52.3			52.9						
≥ 18000			49.1		51.4	51.7	52.3			52.9						
≥ 16000			49.1		51.4	51.7	52.3			52.9						
≥ 14000			49.5		51.8		52.7			53.3						
≥ 12000																
≥ 10000			52.7		55.1	55.4	56.2			56.7						
≥ 9000			53.1		55.4	55.9	56.6			57.1						
≥ 8000			55.4		58.0	58.5	59.2			59.8						
≥ 7000			56.4		59.1	59.6	60.4			61.0						
≥ 6000			56.9		59.7	60.2	61.0			61.6						
≥ 5000			58.1		61.1	61.5	62.4			63.0						
≥ 4500			59.1		62.2	62.7	63.6			64.2						
≥ 4000			61.2		63.5	64.0	64.9			65.5						
≥ 3500			63.1		64.2	64.8	65.7			66.3						
≥ 3000			64.8		66.0	66.5	67.5			68.1						
≥ 2500			66.2		67.3	67.9	69.0			69.6						
≥ 2000			68.7		70.0	70.7	71.8			72.4						
≥ 1800			69.0		70.3	71.1	72.1			72.8						
≥ 1500			71.9		73.4	74.2	75.3			76.0						
≥ 1200			72.7		74.4	75.4	76.5			77.1						
≥ 1000			73.8		75.6	76.6	77.7			78.4						
≥ 900			74.8		76.6	77.6	78.7			79.4						
≥ 800			75.5		77.5	78.5	79.6			80.2						
≥ 700			76.3		78.5	79.5	80.7			81.5						
≥ 600			77.2		79.5		81.9			82.8						
≥ 500			78.1		80.7	81.9	83.5			84.5						
≥ 400			79.0		82.2	83.6	85.4			86.9						
≥ 300			79.8		83.8	85.3	87.5			89.7						
≥ 200			80.0		84.2	85.9	88.6			91.6						
≥ 100			81.1		84.3	86.1	88.8			92.6						
≥ 0			81.1		84.3	86.1	88.8			92.6						

TOTAL NUMBER OF OBSERVATIONS 2490

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] ACOLA, FLORIDA [illegible] APR
STATION STATION NAME YEARS MONTH

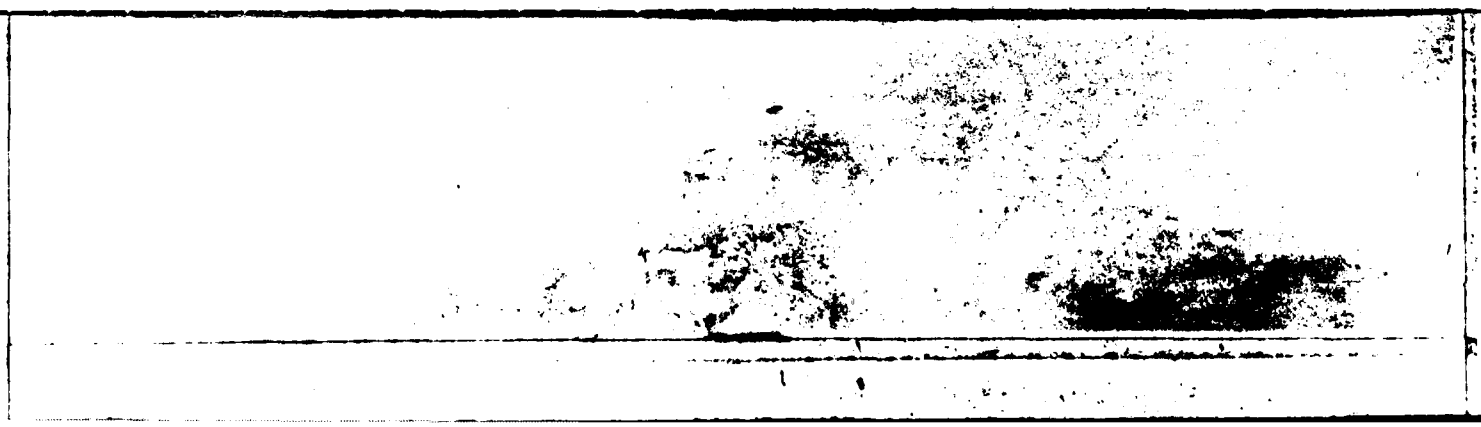
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

00
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	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 20000	[illegible]	[illegible]	[illegible]	69.7	[illegible]	[illegible]	69.3	[illegible]	69.7	69.7	69.7	69.7	[illegible]	69.7	69.7	[illegible]
≥ 18000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	69.3	[illegible]	69.7	69.7	[illegible]	69.7	[illegible]	69.7	69.7	[illegible]
≥ 16000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	69.3	[illegible]	69.7	69.7	69.7	69.7	[illegible]	69.7	69.7	[illegible]
≥ 14000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 12000	[illegible]	62.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 10000	[illegible]	[illegible]	[illegible]	70.3	71.7	72.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 9000	[illegible]	[illegible]	[illegible]	70.7	72.0	72.3	73.3	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 8000	[illegible]	[illegible]	71.7	74.0	75.3	75.7	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 7000	[illegible]	[illegible]	72.0	74.3	75.7	76.0	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 6000	[illegible]	[illegible]	72.0	74.3	75.7	76.0	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 5000	[illegible]	[illegible]	72.7	75.0	76.3	76.7	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 4500	[illegible]	[illegible]	73.7	76.0	77.3	77.7	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 4000	[illegible]	70.7	74.3	76.7	79.0	78.3	79.3	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 3500	[illegible]	71.3	75.0	77.3	79.7	79.0	80.3	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 3000	[illegible]	73.7	77.3	79.7	81.3	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 2500	[illegible]	74.7	79.3	80.7	82.0	82.3	83.7	84.0	84.0	84.3	84.0	84.0	84.0	84.0	84.0	[illegible]
≥ 2000	[illegible]	75.3	79.0	81.7	83.0	83.3	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	[illegible]
≥ 1800	[illegible]	75.3	79.7	81.7	83.0	83.3	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	[illegible]
≥ 1500	[illegible]	76.7	80.3	83.0	84.3	84.7	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	[illegible]
≥ 1200	[illegible]	77.0	80.7	83.7	85.0	85.3	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	[illegible]
≥ 1000	[illegible]	77.7	81.3	84.7	86.0	86.7	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	[illegible]
≥ 900	[illegible]	78.0	82.0	85.3	86.7	87.3	89.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	[illegible]
≥ 800	[illegible]	78.7	83.0	86.3	88.0	88.7	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	[illegible]
≥ 700	[illegible]	79.3	84.0	87.7	89.7	90.3	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	[illegible]
≥ 600	[illegible]	79.3	84.0	88.0	90.0	90.7	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	[illegible]
≥ 500	[illegible]	[illegible]	[illegible]	88.7	91.0	91.7	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	[illegible]
≥ 400	[illegible]	[illegible]	84.7	89.0	91.7	92.3	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	[illegible]
≥ 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	96.3	[illegible]	96.7	97.0	97.0	97.0	97.0	97.0	97.0	[illegible]
≥ 200	[illegible]	[illegible]	85.3	[illegible]	93.7	[illegible]	97.3	97.7	97.7	98.0	98.3	98.3	98.3	98.3	98.3	[illegible]
≥ 100	[illegible]	[illegible]	[illegible]	[illegible]	93.7	[illegible]	97.3	[illegible]	97.7	98.0	98.7	98.7	98.7	98.7	98.7	[illegible]
0	[illegible]	80.3	85.3	[illegible]	93.7	[illegible]	97.3	[illegible]	97.7	98.0	98.7	98.7	98.7	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS _____

DIPNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH AP

HOURS (L S T) 07

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	4.7	49.7	52.3	54.0	56.0	56.3	57.3	57.7	57.7	59.0	59.3	59.3	60.7	61.7	61.7	62.0
≥ 20000	4.7	51.7	56.0	58.0	60.0	60.3	61.3	61.7	61.7	63.0	63.3	63.3	64.7	64.7	65.3	66.0
≥ 18000	4.7	51.7	56.0	58.0	60.0	60.3	61.3	61.7	61.7	63.0	63.3	63.3	64.7	64.7	65.3	66.0
≥ 16000	4.7	51.7	56.0	58.0	60.0	60.3	61.3	61.7	61.7	63.0	63.3	63.3	64.7	64.7	65.3	66.0
≥ 14000	4.7	52.0	56.3	58.3	60.3	60.7	61.7	62.0	62.0	63.7	64.0	64.3	65.7	65.7	66.0	66.7
≥ 12000	4.7	53.3	57.7	59.7	61.7	62.0	63.0	63.3	63.7	65.0	65.3	65.3	66.7	66.7	67.3	68.0
≥ 10000	4.7	54.7	59.0	61.0	63.0	63.3	64.3	64.7	64.7	66.3	66.7	66.7	68.0	68.0	68.7	69.3
≥ 9000	4.7	54.7	59.0	61.0	63.0	63.3	64.3	64.7	64.7	66.3	66.7	66.7	68.0	68.0	68.7	69.3
≥ 8000	5.0	56.7	61.3	63.3	65.7	66.3	67.3	67.7	67.7	69.3	69.7	69.7	71.0	71.0	71.7	72.3
≥ 7000	5.0	57.3	62.0	64.0	66.3	67.0	68.0	68.3	68.7	70.3	70.3	70.3	71.7	71.7	72.3	73.0
≥ 6000	5.0	57.7	62.3	64.3	66.7	67.3	68.3	68.7	68.7	70.3	70.7	70.7	72.0	72.0	72.7	73.3
≥ 5000	5.0	58.7	63.7	65.7	68.0	68.7	69.7	70.0	70.0	71.7	72.0	72.0	73.3	73.3	74.0	74.7
≥ 4500	5.0	60.0	65.0	67.3	69.7	70.3	71.3	71.7	71.7	73.3	73.7	73.7	75.0	75.0	75.7	76.3
≥ 4000	5.0	60.3	65.3	67.7	70.0	70.7	71.7	72.0	72.0	73.7	74.0	74.0	75.3	75.3	76.0	76.7
≥ 3500	5.0	61.3	66.3	68.7	71.0	71.7	72.7	73.0	73.0	74.7	75.0	75.0	76.3	76.3	77.0	77.7
≥ 3000	5.0	62.3	67.3	69.7	72.0	72.7	73.7	74.0	74.0	75.7	76.0	76.3	77.3	77.3	78.0	78.7
≥ 2500	5.0	63.0	68.3	70.7	73.0	73.7	74.7	75.0	75.0	76.7	77.0	77.3	78.3	78.3	79.0	79.7
≥ 2000	5.0	63.7	69.0	71.3	73.7	74.3	75.3	75.7	75.7	77.3	77.7	77.7	79.0	79.0	79.7	80.3
≥ 1800	5.0	63.7	69.0	71.3	73.7	74.3	75.3	75.7	75.7	77.3	77.7	77.7	79.0	79.0	79.7	80.3
≥ 1500	5.0	64.3	71.0	74.0	76.3	77.0	78.0	78.3	78.3	80.0	80.3	80.3	81.7	81.7	82.3	83.0
≥ 1200	5.0	67.0	73.7	76.7	79.0	79.7	80.7	81.0	81.0	82.7	83.0	83.3	84.7	84.3	85.0	85.7
≥ 1000	5.0	68.3	75.7	78.7	81.0	81.7	82.7	83.0	83.0	84.7	85.0	85.0	86.3	86.3	87.0	87.7
≥ 900	5.0	68.7	76.0	79.0	81.7	82.3	83.3	83.7	83.7	85.3	85.7	85.7	87.0	87.0	87.7	88.3
≥ 800	5.0	69.0	76.7	79.3	82.0	82.7	83.7	84.0	84.0	85.7	86.0	86.0	87.3	87.3	88.0	88.7
≥ 700	5.0	69.0	76.7	79.7	83.0	83.7	84.7	85.0	85.0	86.7	87.0	87.0	88.7	88.3	89.0	89.7
≥ 600	5.0	69.0	77.0	80.7	84.0	84.7	86.0	86.3	86.3	88.0	88.3	88.3	89.7	89.7	90.3	91.0
≥ 500	5.0	70.0	78.0	81.7	85.0	85.7	87.3	87.7	87.7	89.3	89.7	89.7	91.0	91.0	91.7	92.3
≥ 400	5.0	70.7	78.7	82.3	86.0	86.7	88.3	88.7	88.7	90.3	90.7	90.7	92.0	92.0	92.7	93.3
≥ 300	5.0	71.0	79.0	82.7	86.7	87.7	89.3	89.7	89.7	91.7	92.0	92.0	93.3	93.3	94.0	94.7
≥ 200	5.0	71.0	79.0	82.7	87.3	88.0	89.7	90.0	90.0	92.3	92.3	92.3	93.7	93.7	94.3	95.0
≥ 100	5.0	71.0	79.0	82.7	87.3	88.0	89.7	90.0	90.0	93.7	94.0	94.0	95.3	95.3	96.0	96.7
≥ 0	5.0	71.0	79.0	82.7	87.3	88.0	89.7	90.0	90.0	93.7	94.0	94.0	95.3	95.3	96.0	96.7

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																
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≥ 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	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
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≥ 400																
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≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET 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	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
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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																
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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																
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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																
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≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible], FLORIDA	[illegible]	APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T) ALL

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	7.[illegible]	[illegible]	57.5	57.5	59.5	59.7	59.3	59.5	59.5	59.8	59.8	59.6	[illegible]	60.1	60.2	[illegible]
≥ 20000	7.[illegible]	57.8	61.0	63.0	64.3	64.6	65.3	65.4	65.4	65.8	65.8	65.8	66.2	66.1	66.3	66.3
≥ 18000	[illegible]	57.8	61.[illegible]	63.0	64.3	64.6	65.3	65.4	65.4	65.8	65.8	65.8	66.2	66.1	66.3	66.3
≥ 16000	[illegible]	57.8	61.0	63.1	64.4	64.7	65.3	65.5	65.5	65.8	65.9	65.9	66.1	66.2	66.3	66.6
≥ 14000	[illegible]	58.3	61.5	63.5	64.9	65.1	65.8	65.9	65.9	66.3	66.3	66.3	66.5	66.6	66.8	67.0
≥ 12000	[illegible]	59.6	62.[illegible]	64.1	66.5	66.6	67.4	67.6	67.6	68.0	68.0	68.0	68.3	68.3	68.5	68.8
≥ 10000	[illegible]	61.4	64.9	67.1	68.5	68.6	69.5	69.6	69.6	70.0	70.1	70.1	70.3	70.4	70.5	70.8
≥ 9000	[illegible]	61.5	65.0	67.2	68.5	68.9	69.5	69.7	69.7	70.1	70.2	70.2	70.4	70.5	70.7	70.9
≥ 8000	[illegible]	63.[illegible]	67.1	69.4	70.9	71.3	71.9	72.1	72.1	72.5	72.6	72.6	72.8	72.9	73.0	73.3
≥ 7000	[illegible]	64.0	67.7	70.0	71.5	72.0	72.6	72.8	72.9	73.2	73.3	73.3	73.5	73.6	73.8	74.0
≥ 6000	[illegible]	64.[illegible]	67.8	70.1	71.5	72.0	72.7	72.9	72.9	73.3	73.4	73.4	73.6	73.7	73.8	74.1
≥ 5000	[illegible]	65.[illegible]	68.9	71.3	72.8	73.3	73.9	74.1	74.1	74.5	74.6	74.6	74.8	74.9	75.1	75.3
≥ 4500	[illegible]	66.[illegible]	70.1	72.5	74.[illegible]	74.5	75.2	75.4	75.4	75.8	75.9	75.9	76.1	76.2	76.3	76.6
≥ 4000	[illegible]	66.7	70.9	73.6	75.2	75.7	76.4	76.6	76.6	77.0	77.1	77.1	77.3	77.4	77.5	77.8
≥ 3500	[illegible]	67.4	71.8	74.5	76.[illegible]	76.5	77.3	77.5	77.5	77.9	78.0	78.0	78.2	78.3	78.5	78.7
≥ 3000	[illegible]	68.7	73.1	76.[illegible]	77.6	78.3	79.[illegible]	79.3	79.3	79.7	79.8	79.8	80.0	80.1	80.2	80.5
≥ 2500	[illegible]	69.[illegible]	74.2	77.3	79.[illegible]	79.7	80.5	80.7	80.7	81.1	81.2	81.2	81.4	81.5	81.7	81.9
≥ 2000	7.[illegible]	70.4	75.1	78.5	80.2	80.8	81.8	82.0	82.0	82.4	82.5	82.5	82.7	82.8	83.0	83.2
≥ 1800	7.[illegible]	70.4	75.3	78.6	80.4	81.1	82.0	82.3	82.3	82.8	82.8	82.8	83.0	83.1	83.3	83.5
≥ 1500	7.[illegible]	71.[illegible]	77.2	81.0	82.9	83.5	84.6	84.9	84.9	85.3	85.4	85.4	85.6	85.7	85.8	86.1
≥ 1200	7.[illegible]	72.7	78.7	82.6	84.8	85.4	86.5	86.8	86.8	87.2	87.3	87.3	87.5	87.6	87.8	88.0
≥ 1000	7.[illegible]	73.4	79.3	83.9	86.3	87.0	88.1	88.4	88.4	88.8	88.9	88.9	89.2	89.3	89.4	89.7
≥ 900	[illegible]	73.9	81.0	84.7	87.2	88.1	89.1	89.4	89.4	89.8	89.9	89.9	90.1	90.2	90.4	90.6
≥ 800	[illegible]	74.2	81.5	85.3	87.9	88.8	89.9	90.2	90.3	90.6	90.7	90.7	91.0	91.0	91.2	91.5
≥ 700	[illegible]	74.[illegible]	81.8	85.9	88.7	89.5	90.7	91.0	91.0	91.4	91.5	91.5	91.8	91.9	92.1	92.3
≥ 600	[illegible]	74.3	81.9	86.6	89.[illegible]	90.4	91.5	92.0	92.0	92.4	92.5	92.5	92.8	92.8	93.0	93.2
≥ 500	[illegible]	75.2	82.0	87.3	90.5	91.5	92.8	93.2	93.2	93.6	93.7	93.7	94.0	94.1	94.3	94.5
≥ 400	[illegible]	75.4	82.3	88.0	91.5	92.5	94.0	94.6	94.6	95.1	95.2	95.2	95.5	95.5	95.8	96.0
≥ 300	[illegible]	75.6	82.6	88.5	92.2	93.5	95.1	95.7	95.8	96.4	96.5	96.5	96.8	96.9	97.0	97.2
≥ 200	[illegible]	75.6	82.7	88.6	92.4	93.7	95.6	96.2	96.3	97.0	97.3	97.3	97.7	97.8	98.0	98.2
≥ 100	[illegible]	75.6	82.7	88.6	92.5	93.8	95.7	96.4	96.5	97.4	97.8	97.8	98.3	98.4	98.6	99.3
0	[illegible]	75.6	82.7	88.6	92.5	93.8	95.7	96.4	96.5	97.4	97.8	97.8	98.5	98.5	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIPNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME PENSACOLA, FLORIDA YEARS 72-76 MONTH MAY

HOURS (L S T) 00

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	4.5	61.	66.1	67.7	69.4	69.7	69.3	69.0	69.0	69.7	69.7	69.7	70.0	70.	70.	70.
≥ 20000	4.5	67.4	72.5	74.2	74.8	75.2	75.8	75.9	75.9	76.5	76.5	76.5	76.8	76.9	76.9	76.9
≥ 18000	4.5	67.4	72.6	74.2	74.8	75.2	75.8	75.9	75.9	76.5	76.5	76.5	76.8	76.9	76.9	76.9
≥ 16000	4.5	67.4	72.6	74.2	74.8	75.2	75.8	75.9	75.9	76.5	76.5	76.5	76.8	76.9	76.9	76.9
≥ 14000	4.5	67.7	72.9	74.5	75.2	75.5	76.1	76.1	76.1	76.8	76.8	76.8	77.1	77.1	77.1	77.1
≥ 12000	4.5	67.7	72.9	74.5	75.2	75.5	76.1	76.1	76.1	76.8	76.8	76.8	77.1	77.1	77.1	77.1
≥ 10000	4.5	69.7	74.8	76.5	77.1	77.4	78.1	78.1	78.1	78.7	78.7	78.7	79.0	79.0	79.0	79.0
≥ 9000	4.	69.7	74.8	76.5	77.1	77.4	78.1	78.1	78.1	78.7	78.7	78.7	79.0	79.0	79.0	79.0
≥ 8000	4.	72.9	78.4	80.0	80.7	81.0	81.6	81.6	81.6	82.3	82.3	82.3	82.6	82.6	82.6	82.6
≥ 7000	4.	73.2	78.7	80.3	81.0	81.3	81.9	81.9	81.9	82.6	82.6	82.6	82.9	82.9	82.9	82.9
≥ 6000	4.	73.9	79.4	81.0	81.6	81.9	82.6	82.6	82.6	83.2	83.2	83.2	83.6	83.6	83.6	83.6
≥ 5000	4.	74.2	79.7	81.3	81.9	82.3	82.9	82.9	82.9	83.6	83.6	83.6	83.9	83.9	83.9	83.9
≥ 4500	4.	74.8	80.0	81.6	82.6	82.9	83.6	83.6	83.6	84.2	84.2	84.2	84.5	84.5	84.5	84.5
≥ 4000	4.	74.8	80.3	81.9	82.9	83.2	83.9	83.9	83.9	84.5	84.5	84.5	84.8	84.8	84.8	84.8
≥ 3500	4.	75.2	80.7	82.3	83.2	83.6	84.2	84.2	84.2	84.8	84.8	84.8	85.2	85.2	85.2	85.2
≥ 3000	4.	76.1	81.9	83.6	84.5	84.8	85.5	85.5	85.5	86.1	86.1	86.1	86.5	86.5	86.5	86.5
≥ 2500	4.	76.9	82.3	83.	84.8	85.2	85.8	85.8	85.8	86.5	86.5	86.5	86.8	86.8	86.8	86.8
≥ 2000	4.	76.9	84.5	86.1	87.1	87.4	88.1	88.1	88.1	88.7	88.7	88.7	89.0	89.0	89.0	89.0
≥ 1800	4.	78.7	84.8	86.5	87.4	87.7	88.4	88.4	88.4	89.0	89.0	89.0	89.4	89.4	89.4	89.4
≥ 1500	4.	80.7	86.8	88.4	89.4	89.7	90.3	90.3	90.3	91.0	91.0	91.0	91.3	91.3	91.3	91.3
≥ 1200	4.	81.	87.1	88.7	89.7	90.0	90.7	90.7	90.7	91.3	91.3	91.3	91.6	91.6	91.6	91.6
≥ 1000	4.	81.6	88.1	89.7	90.7	91.0	91.6	91.6	91.6	92.3	92.3	92.3	92.6	92.6	92.6	92.6
≥ 900	4.	81.9	88.4	90.0	91.0	91.3	91.9	91.9	91.9	92.6	92.6	92.6	92.9	92.9	92.9	92.9
≥ 800	4.	82.6	89.7	91.3	92.3	92.6	93.2	93.2	93.2	93.9	93.9	93.9	94.2	94.2	94.2	94.2
≥ 700	4.	82.6	89.7	91.3	92.3	92.6	93.6	93.6	93.6	94.2	94.2	94.2	94.5	94.5	94.5	94.5
≥ 600	4.	82.9	91.3	92.9	93.9	94.2	95.2	95.2	95.2	95.8	95.8	95.8	96.1	96.1	96.1	96.1
≥ 500	4.	84.2	91.9	93.6	94.5	95.2	96.1	96.1	96.1	96.8	96.8	96.8	97.1	97.1	97.1	97.1
≥ 400	4.	84.5	92.3	94.2	95.2	95.8	96.8	96.8	96.8	97.4	97.4	97.4	97.7	97.7	97.7	97.7
≥ 300	4.	85.2	92.9	94.8	95.8	96.5	97.4	97.4	97.4	98.4	98.4	98.4	98.7	98.7	98.7	98.7
≥ 200	4.	85.2	92.9	95.2	96.5	97.1	98.1	98.1	98.1	99.	99.	99.1	99.4	99.4	99.4	99.4
≥ 100	4.	85.2	92.9	95.2	96.5	97.1	98.1	98.1	98.1	99.	99.4	99.4	99.7	99.7	100.0	100.0
0	4.	85.2	92.9	95.2	96.5	97.1	98.1	98.1	98.1	99.	99.4	99.4	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 31[illegible]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH MAY

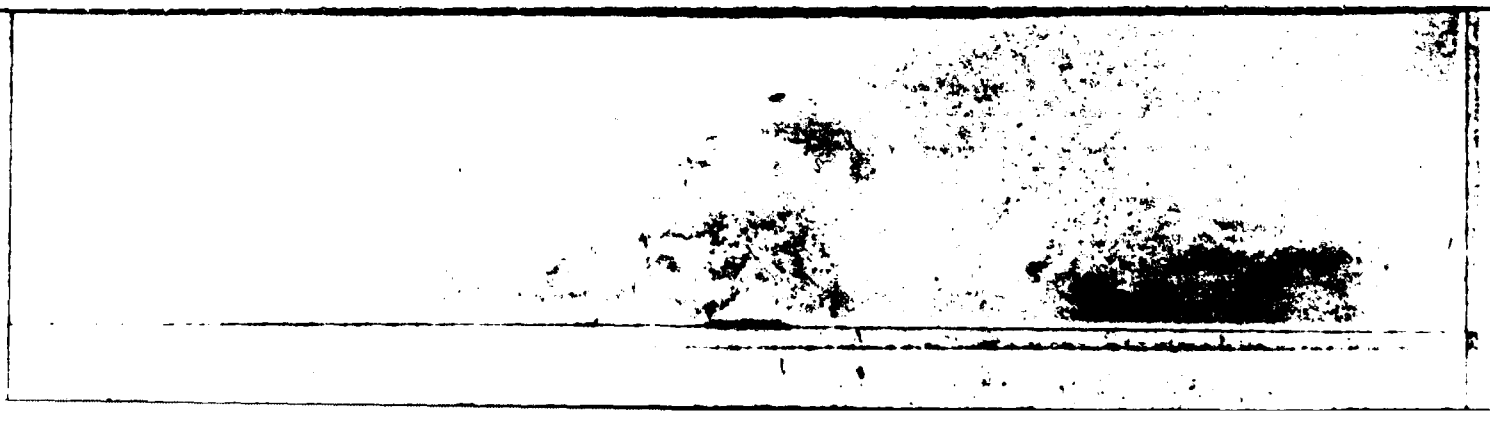
HOURS (LST) 06

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	3.2	47.7	54.2	57.7	59.7	59.0	61.0	61.9	61.9	62.9	62.9	62.9	63.2	63.2	63.2	63.2
≥ 20000	3.2	52.9	60.7	64.8	66.1	66.5	68.7	69.7	69.7	70.7	70.7	70.7	71.0	71.0	71.0	71.0
≥ 18000	3.2	52.9	60.7	64.8	66.1	66.5	68.7	69.7	69.7	70.7	70.7	70.7	71.0	71.0	71.0	71.0
≥ 16000	3.2	52.9	60.7	64.8	66.1	66.5	68.7	69.7	69.7	70.7	70.7	70.7	71.0	71.0	71.0	71.0
≥ 14000	3.2	53.2	61.0	65.2	66.5	66.8	69.0	70.0	70.0	71.0	71.0	71.0	71.3	71.3	71.3	71.3
≥ 12000	3.2	53.2	61.6	65.8	67.1	67.4	69.7	70.7	70.7	71.6	71.6	71.6	71.9	71.9	71.9	71.9
≥ 10000	3.2	56.1	63.9	68.1	69.4	69.7	71.9	72.9	72.9	73.9	73.9	73.9	74.2	74.2	74.2	74.2
≥ 9000	3.2	56.1	63.9	68.1	69.4	69.7	71.9	72.9	72.9	73.9	73.9	73.9	74.2	74.2	74.2	74.2
≥ 8000	3.6	59.4	67.4	71.6	72.9	73.2	75.5	76.5	76.5	77.4	77.4	77.4	77.7	77.7	77.7	77.7
≥ 7000	3.6	59.7	67.7	71.9	73.2	73.6	75.8	76.8	76.8	77.7	77.7	77.7	78.1	78.1	78.1	78.1
≥ 6000	3.6	59.7	67.7	71.9	73.2	73.6	75.8	76.8	76.8	77.7	77.7	77.7	78.1	78.1	78.1	78.1
≥ 5000	3.6	61.0	69.0	73.2	74.5	74.8	77.1	78.1	78.1	79.0	79.0	79.0	79.4	79.4	79.4	79.4
≥ 4500	3.6	61.0	69.0	73.2	74.5	74.8	77.1	78.1	78.1	79.0	79.0	79.0	79.4	79.4	79.4	79.4
≥ 4000	3.6	61.6	69.7	73.9	75.2	75.5	77.7	78.7	78.7	79.7	79.7	79.7	80.0	80.0	80.0	80.0
≥ 3500	3.6	61.9	70.0	74.2	75.5	75.8	78.1	79.0	79.0	80.0	80.0	80.0	80.3	80.3	80.3	80.3
≥ 3000	3.6	61.9	70.0	74.2	75.5	75.8	78.1	79.0	79.0	80.0	80.0	80.0	80.3	80.3	80.3	80.3
≥ 2500	3.6	62.3	70.3	74.5	75.8	76.1	78.4	79.4	79.4	80.3	80.3	80.3	80.7	80.7	80.7	80.7
≥ 2000	3.6	63.6	71.9	76.1	77.4	77.7	80.0	81.0	81.0	81.9	81.9	81.9	82.3	82.3	82.3	82.3
≥ 1800	3.6	63.9	72.3	76.5	77.7	78.1	80.3	81.3	81.3	82.3	82.3	82.3	82.6	82.6	82.6	82.6
≥ 1500	3.6	65.5	73.9	78.1	79.4	79.7	81.9	82.9	82.9	83.9	83.9	83.9	84.2	84.2	84.2	84.2
≥ 1200	3.6	66.5	74.8	79.0	80.7	81.0	83.2	84.2	84.2	85.2	85.2	85.2	85.5	85.5	85.5	85.5
≥ 1000	3.6	68.1	76.5	81.0	82.6	82.9	85.2	86.1	86.1	87.1	87.1	87.1	87.4	87.4	87.4	87.4
≥ 900	3.6	69.7	77.1	81.6	83.2	83.6	85.8	86.8	86.8	87.7	87.7	87.7	88.1	88.1	88.1	88.1
≥ 800	3.6	69.7	78.1	82.6	84.2	84.5	86.8	87.7	87.7	88.7	88.7	88.7	89.0	89.0	89.0	89.3
≥ 700	3.6	70.7	79.0	83.9	85.8	86.1	88.4	89.4	89.4	90.3	90.3	90.3	90.7	90.7	90.7	91.0
≥ 600	3.6	71.3	80.0	84.8	87.1	87.4	89.7	90.7	90.7	91.6	91.6	91.6	91.9	91.9	91.9	91.9
≥ 500	3.6	72.3	81.0	86.1	88.7	89.0	91.3	92.3	92.3	93.2	93.2	93.2	93.6	93.6	93.6	93.6
≥ 400	3.6	72.9	81.6	86.8	89.7	90.3	92.9	93.9	93.9	95.8	95.8	95.8	96.1	96.1	96.1	96.1
≥ 300	3.6	73.6	82.6	87.7	90.7	91.3	94.2	95.2	95.2	97.4	97.4	97.4	97.7	97.7	97.7	97.7
≥ 200	3.6	73.6	82.6	87.7	90.7	91.3	94.2	95.2	95.2	97.4	97.4	97.4	97.7	97.7	97.7	97.7
≥ 100	3.6	73.6	82.6	87.7	91.0	91.6	94.5	95.5	95.5	97.7	98.1	98.1	98.4	98.4	98.4	98.7
≥ 0	3.6	73.6	82.6	87.7	91.0	91.6	94.5	95.5	95.5	97.7	98.1	98.1	98.4	98.4	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 310

DIPNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible] 5	[illegible] ACOLA, FLORIDA	73-[illegible]	MAY

HOURS (L S T): 06

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	1.3	26.1	34.8	42.9	50.0	52.3	53.6	55.9	55.9	57.7	58.1	58.1	58.1	58.1	58.1	58.4
≥ 20000	1.3	30.3	42.0	48.7	55.8	58.4	59.7	61.9	61.9	63.9	64.2	64.2	64.5	64.5	64.5	64.8
≥ 18000	1.3	30.3	42.0	48.7	55.8	58.4	59.7	61.9	62.3	64.2	64.5	64.5	64.8	64.9	64.8	65.2
≥ 16000	1.3	30.7	42.3	49.0	56.1	58.7	60.0	62.3	62.6	64.5	64.8	64.8	65.2	65.2	65.2	65.5
≥ 14000	1.3	31.0	43.7	49.4	56.8	59.4	61.0	63.2	63.6	65.5	65.8	65.8	66.1	66.1	66.1	66.5
≥ 12000	1.3	31.4	43.9	51.0	58.4	61.0	62.6	64.8	65.2	67.1	67.4	67.4	67.7	67.7	67.7	68.1
≥ 10000	1.3	33.3	43.9	52.9	60.3	63.2	64.8	67.1	67.4	69.4	69.7	69.7	70.3	70.3	70.3	70.7
≥ 9000	1.3	33.3	43.9	52.9	60.3	63.2	64.8	67.1	67.4	69.4	69.7	69.7	70.3	70.3	70.3	70.7
≥ 8000	1.3	36.5	47.4	56.5	64.2	67.1	68.7	71.0	71.3	73.2	73.6	73.6	74.2	74.2	74.2	74.5
≥ 7000	1.3	36.5	47.7	57.1	64.8	67.7	69.4	71.9	72.3	74.5	74.8	74.8	75.5	75.5	75.5	75.8
≥ 6000	1.3	37.4	47.4	57.7	65.5	68.4	70.0	72.6	72.9	75.2	75.5	75.5	76.1	76.1	76.1	76.5
≥ 5000	1.3	37.7	49.0	59.4	67.4	70.3	71.9	74.5	74.8	77.1	77.4	77.4	78.1	78.1	78.1	78.4
≥ 4500	1.3	38.1	49.4	59.7	67.7	70.7	72.3	75.2	75.5	77.7	78.1	78.1	78.7	78.7	78.7	79.1
≥ 4000	1.3	38.1	49.7	60.0	68.7	71.6	73.2	76.1	76.5	78.7	79.0	79.0	79.7	79.7	79.7	80.1
≥ 3500	1.3	39.4	51.0	60.3	69.0	71.9	73.6	76.5	76.8	79.0	79.4	79.4	80.0	80.0	80.0	80.3
≥ 3000	1.3	39.4	50.7	61.0	69.7	72.6	74.2	77.1	77.4	79.7	80.0	80.0	80.7	80.7	80.7	81.0
≥ 2500	1.3	41.0	52.6	63.2	71.9	74.8	76.5	79.4	79.7	82.3	82.9	82.9	83.6	83.6	83.6	83.9
≥ 2000	1.3	42.3	54.2	64.8	73.6	76.5	78.1	81.0	81.3	83.9	84.5	84.5	85.2	85.2	85.2	85.5
≥ 1800	1.3	42.6	54.5	65.2	74.2	77.1	78.7	81.6	81.9	84.5	85.2	85.2	85.8	85.8	85.8	86.1
≥ 1500	1.3	44.1	56.8	67.4	76.5	79.4	81.0	83.9	84.2	86.8	87.4	87.4	88.1	88.1	88.1	88.4
≥ 1200	1.3	45.2	57.1	67.7	76.8	80.0	81.6	84.5	84.8	87.4	88.1	88.1	88.7	88.7	88.7	89.0
≥ 1000	1.3	46.1	58.4	69.4	78.4	81.6	83.2	86.1	86.5	89.0	89.7	89.7	90.3	90.3	90.3	90.7
≥ 900	1.3	46.4	59.4	70.7	79.7	82.9	84.5	87.4	87.7	90.7	91.3	91.3	91.9	91.9	91.9	92.3
≥ 800	1.3	47.1	59.7	71.0	80.3	83.6	85.2	88.1	88.4	91.3	91.9	91.9	92.6	92.6	92.6	92.9
≥ 700	1.3	47.4	60.0	71.6	81.0	84.5	86.1	89.0	89.4	92.3	92.9	92.9	93.6	93.6	93.6	93.9
≥ 600	1.3	47.7	60.3	71.9	81.3	84.8	86.5	89.4	89.7	92.6	93.2	93.2	93.9	93.9	93.9	94.3
≥ 500	1.3	48.1	61.0	72.9	82.6	86.1	88.1	91.3	91.6	94.5	95.2	95.2	95.8	95.8	95.8	96.1
≥ 400	1.3	48.1	61.3	73.2	83.2	86.8	88.7	91.9	92.3	95.2	95.8	95.8	96.5	96.5	96.5	96.8
≥ 300	1.3	47.4	61.6	73.6	84.5	88.1	90.0	93.2	93.6	96.5	97.1	97.1	97.7	97.7	97.7	98.1
≥ 200	1.3	48.4	61.6	73.6	84.5	88.4	90.3	93.6	93.9	96.8	97.4	97.4	98.1	98.1	98.1	98.4
≥ 100	1.3	48.4	61.6	73.6	84.8	88.4	90.3	93.9	94.2	97.4	98.1	98.1	98.7	98.7	98.7	99.7
≥ 0	1.3	48.4	61.6	73.6	84.8	88.4	90.3	93.9	94.2	97.4	98.1	98.1	98.7	98.7	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] PENSACOLA, FLORIDA 73-[illegible] MAY

STATION STATION NAME YEARS MONTH

[illegible]

HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	55.[illegible]	[illegible]	61.[illegible]	1.3	61.3	1.[illegible]	61.[illegible]	61.[illegible]	61.[illegible]	61.3	61.[illegible]	61.3	61.3	61.3
≥ 20000	[illegible]	54.[illegible]	59.7	62.9	65.[illegible]	[illegible]	65.5	[illegible]	65.[illegible]	65.5	65.[illegible]	65.5	65.[illegible]	65.5	65.5	65.[illegible]
≥ 18000	[illegible]	54.[illegible]	59.7	62.9	65.[illegible]	[illegible]	65.[illegible]	.5	65.[illegible]	65.5	65.[illegible]	65.5	65.[illegible]	65.5	65.[illegible]	65.5
≥ 16000	[illegible]	54.[illegible]	59.7	62.9	65.[illegible]	[illegible]	65.5	65.5	65.[illegible]	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 14000	[illegible]	55.[illegible]	6[illegible]	63.2	65.5	65.8	66.8	65.8	65.[illegible]	65.8	65.[illegible]	65.8	65.8	6[illegible]	65.8	65.[illegible]
≥ 12000	[illegible]	56.5	61.[illegible]	64.5	66.[illegible]	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 10000	[illegible]	58.7	63.6	67.1	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 9000	[illegible]	59.0	63.9	67.5	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 8000	[illegible]	[illegible].0	66.5	70.0	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 7000	[illegible]	61.9	66.8	70.3	73.2	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 6000	[illegible]	61.9	67.4	71.0	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 5000	[illegible]	62.6	68.1	71.6	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 4500	[illegible]	62.9	68.7	72.3	75.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 4000	[illegible]	63.6	69.4	72.9	75.8	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 3500	[illegible]	63.9	69.7	73.2	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 3000	[illegible]	64.2	70.0	73.9	76.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 2500	[illegible]	65.8	72.3	76.1	79.[illegible]	80.0	80.0	80.[illegible]	80.[illegible]	80.[illegible]	80.[illegible]	80.[illegible]	80.[illegible]	80.[illegible]	80.[illegible]	80.[illegible]
≥ 2000	[illegible]	67.7	74.[illegible]	78.1	81.[illegible]	81.9	81.9	81.9	81.[illegible]	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 1800	[illegible]	69.[illegible]	75.5	79.4	82.3	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1500	[illegible]	71.3	78.4	82.6	85.5	86.5	86.5	86.8	86.[illegible]	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 1200	[illegible]	72.9	8[illegible].7	84.8	87.7	88.7	88.7	89.0	89.[illegible]	89.0	89.0	89.0	89.0	89.0	89.0	89.[illegible]
≥ 1000	[illegible]	73.[illegible]	82.6	86.8	9[illegible].0	91.[illegible]	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 900	[illegible]	74.5	83.6	87.7	91.3	92.3	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 800	[illegible]	74.[illegible]	83.9	88.4	91.9	92.9	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 700	[illegible]	75.5	85.2	89.7	93.6	94.5	95.5	95.8	95.[illegible]	95.8	95.8	95.8	95.8	95.8	95.[illegible]	95.[illegible]
≥ 600	[illegible]	76.1	85.8	90.3	94.5	95.8	96.8	97.1	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	[illegible]	76.1	86.5	91.0	95.5	96.8	97.7	98.1	98.1	98.4	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	[illegible]	76.1	86.5	91.0	95.5	97.1	98.7	99.0	99.0	99.4	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	[illegible]	76.1	86.5	91.[illegible]	95.5	97.1	98.7	99.0	99.[illegible]	99.4	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	[illegible]	76.1	86.5	91.[illegible]	95.5	97.1	98.7	99.0	99.[illegible]	99.4	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	[illegible]	76.1	86.5	91.[illegible]	95.5	97.1	98.7	99.[illegible]	99.[illegible]	99.4	99.7	99.7	99.7	100.0	100.0	100.0
0	[illegible]	76.1	86.[illegible]	91.[illegible]	95.5	97.1	98.7	9[illegible]	99.[illegible]	99.4	99.7	99.7	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

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) 12

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	55.2	56.1	57.4	57.7	58.1	58.1	[illegible].1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	[illegible].1
≥ 20000	[illegible]	65.2	67.4	69.[illegible]	69.4	70.[illegible]	70.[illegible]	70.[illegible]	70.[illegible]	70.[illegible]	70.[illegible]	70.[illegible]	70.[illegible]	70.[illegible]	70.[illegible]	70.[illegible]
≥ 18000	[illegible]	65.2	67.4	69.4	69.7	70.3	70.3	70.3	70.[illegible]	70.3	70.3	70.3	70.3	70.3	70.3	70.[illegible]
≥ 16000	[illegible]	65.2	67.4	69.4	69.7	70.3	70.3	70.3	70.[illegible]	70.3	70.[illegible]	70.3	70.3	70.3	70.3	70.3
≥ 14000	[illegible]	65.5	67.7	69.7	70.[illegible]	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 12000	[illegible]	69.1	70.3	72.6	72.9	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 10000	[illegible]	69.4	71.9	74.2	74.5	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	[illegible]
≥ 9000	[illegible]	69.4	71.9	74.2	74.5	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	[illegible]
≥ 8000	[illegible]	72.3	75.2	77.7	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	[illegible].7
≥ 7000	[illegible]	72.9	75.8	78.4	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 6000	[illegible]	73.2	76.1	78.7	79.[illegible]	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 5000	[illegible]	74.5	77.7	80.3	81.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 4500	[illegible]	74.5	77.7	80.3	81.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 4000	[illegible]	75.2	78.7	81.3	81.6	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 3500	[illegible]	75.4	79.0	81.6	81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 3000	[illegible]	77.7	81.3	83.9	84.2	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 2500	[illegible]	79.3	83.0	86.5	86.8	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 2000	[illegible]	[illegible].7	85.5	88.4	88.7	89.4	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1800	[illegible]	[illegible]	87.5	90.4	88.7	89.4	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1500	[illegible]	1.[illegible]	87.1	9[illegible].3	9[illegible].7	91.6	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1200	[illegible]	3.[illegible]	88.4	91.6	91.9	92.9	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1000	[illegible]	3.[illegible]	89.7	93.2	93.6	94.5	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 900	[illegible]	[illegible]	90.[illegible]	93.9	94.2	95.2	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 800	[illegible]	[illegible]	[illegible]	94.2	94.8	95.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 700	[illegible]	5.2	91.9	[illegible]	96.1	97.1	98.1	[illegible]	98.4	98.4	98.4	98.4	[illegible]	98.4	98.4	98.4
≥ 600	[illegible]	5.5	[illegible]	96.1	96.[illegible]	97.7	98.7	99.0	99.[illegible]	99.0	99.[illegible]	99.[illegible]	[illegible]	99.[illegible]	99.[illegible]	99.[illegible]
≥ 500	[illegible]	5.[illegible]	92.6	96.1	96.[illegible]	97.7	98.7	9.0	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 400	[illegible]	[illegible]	92.6	96.1	96.[illegible]	97.[illegible]	98.7	9.0	99.[illegible]	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	[illegible]	5.[illegible]	92.9	96.5	97.1	[illegible].4	99.4	[illegible].7	[illegible].7	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
≥ 200	[illegible]	5.5	92.9	96.5	97.1	[illegible].4	99.4	9.7	[illegible].7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	[illegible]	5.5	92.9	96.5	97.1	[illegible].4	99.4	[illegible].7	[illegible].7	[illegible]	100.0	100.0	100.0	100.0	100.0	[illegible]
0	[illegible]	5.5	92.9	96.5	97.1	[illegible].4	99.4	[illegible].7	[illegible].7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

15
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																
≥ 14000																
≥ 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 | [illegible] STATION NAME | [illegible] YEARS | MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T) 1 9

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	58.1	[illegible]	58.7	[illegible]	59.0	[illegible]	59.0	59.0	59.0	59.0	[illegible]	[illegible]	[illegible]	[illegible]
≥ 20000	[illegible]	64.2	[illegible]	69.4	70.0	70.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7	71.0	71.0	71.0
≥ 18000	[illegible]	64.2	[illegible]	69.4	70.1	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 16000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 14000	[illegible]	64.8	[illegible]	[illegible]	71.1	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.9	71.9	71.9
≥ 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 7000	[illegible]	74.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 6000	[illegible]	74.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 5000	[illegible]	76.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH MAY

HOURS (L S T) 21

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
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≥ 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 _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
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≥ 3000																
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≥ 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																
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≥ 1800																
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≥ 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	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
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≥ 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 _____

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																
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≥ 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																
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≥ 10000																
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≥ 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 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T) 12

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																
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≥ 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) 1

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		63.7	65.7	67.	67.7	68.0	68.0	[illegible]	68.7	69.	68.7	68.0	[illegible]	68.0	68.0	[illegible]
≥ 20000		79.0	82.0	83.7	84.3	84.7	84.7	[illegible]	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 18000		79.7	82.7	84.0	84.7	85.0	85.0	5.0	85.0	85.0	85.0	85.0	[illegible]	85.0	85.0	[illegible]
≥ 16000		79.3	82.3	84.0	84.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0	[illegible]	[illegible]	85.0	[illegible]
≥ 14000		[illegible]	83.3	84.0	85.7	86.0	86.0	86.0	86.0	86.0	86.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 12000		[illegible]	85.3	87.0	87.7	88.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 10000		94.7	88.	89.7	9 .3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 9000		4.7	88.	89.7	9 .3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 8000		6.3	9 .	91.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	[illegible]	[illegible]	92.7	[illegible]	[illegible]
≥ 7000		7.0	90.7	[illegible]	93.	93.	93.7	93.7	93.7	93.3	[illegible]	93.3	[illegible]	[illegible]	[illegible]	[illegible]
≥ 6000		7.0	90.7	92.3	93.0	93.3	93.3	93.3	93.7	93.7	93.3	93.7	93.7	93.7	93.3	93.3
≥ 5000		7.0	90.7	92.3	93.0	93.3	93.3	93.3	93.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 4500		[illegible]	91.0	92.7	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 4000		[illegible]	91.3	92.3	94.0	94.3	94.3	94.3	94.7	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 3500		8.	91.7	94.0	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	[illegible]
≥ 3000		8.3	92.7	94.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	[illegible]
≥ 2500		[illegible]	97.7	[illegible]	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.7	97.7	97.7	97.7
≥ 2000		98.3	98.7	98.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	98.0	98.0	98.0	[illegible]
≥ 1800		98.7	98.7	98.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.3	98.7	98.3	98.3	98.3
≥ 1500		98.7	98.3	97.7	98.7	99.	99.3	99.3	99.7	99.3	99.3	99.3	99.7	99.7	99.7	99.7
≥ 1200		98.7	98.3	97.7	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	[illegible]	100.0	100.0	[illegible]
≥ 1000		98.7	98.3	97.7	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	[illegible]	100.0	100.0	[illegible]
≥ 900		[illegible]	98.3	97.7	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	[illegible]	100.0	100.0	[illegible]
≥ 800		[illegible]	98.3	97.7	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	[illegible]
≥ 700		[illegible]	98.7	97.7	99.	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	[illegible]
≥ 600		[illegible]	98.3	97.7	99.	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	[illegible]
≥ 500		[illegible]	98.3	97.7	99.	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	[illegible]
≥ 400		0.7	98.3	97.7	99.	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	[illegible]
≥ 300		0.7	98.3	97.7	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	[illegible]
≥ 200		0.7	98.3	97.7	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	[illegible]
≥ 100		0.7	98.3	97.7	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	[illegible]
0		0.7	98.3	97.7	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T) 16

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															
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≥ 4500															
≥ 4000															
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≥ 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 J

HOURS (L S T) 21

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	4.7	67.7	71.0	71.7	71.7	71.7	71.3	71.3	71.7	71.3	71.7	71.3	71.7	71.3	71.7	71.7
≥ 20000	4.3	79.3	82.7	83.0	83.3	83.3	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 18000	4.7	79.3	82.7	83.0	83.3	83.3	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 16000	4.7	79.3	82.7	83.0	83.3	83.3	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 14000	4.7	79.7	82.7	83.0	83.3	83.3	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 12000	4.7	79.7	82.7	83.3	83.7	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 10000	4.7	84.3	86.7	87.7	88.3	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 9000	4.7	84.3	86.7	87.7	88.3	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 8000	4.7	87.3	90.0	91.0	91.7	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 7000	4.7	87.3	91.7	92.7	93.3	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 6000	4.7	89.3	91.7	92.7	93.3	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 5000	4.7	89.3	92.7	93.7	94.3	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 4500	4.7	89.7	92.7	93.7	94.3	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 4000	4.7	89.7	92.7	93.7	94.3	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 3500	4.7	90.3	92.7	93.7	94.3	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 3000	4.7	90.3	93.0	94.0	94.7	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 2500	4.7	90.7	93.3	94.3	95.0	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2000	4.7	90.3	93.0	94.0	94.7	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1800	4.7	92.7	95.3	96.3	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1500	4.7	93.7	96.3	97.3	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1200	4.7	93.7	96.3	97.3	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000	4.7	94.0	96.7	97.7	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	4.7	94.3	97.0	98.0	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800	4.7	94.7	97.3	98.3	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	4.7	94.7	97.3	98.3	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	4.7	94.7	97.7	98.3	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	4.7	94.7	97.7	98.3	99.0	99.0	99.3	99.3	99.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	4.7	94.7	97.7	98.3	99.0	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	4.7	94.7	97.7	98.3	99.0	99.0	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	4.7	94.7	97.7	98.3	99.0	99.0	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	4.7	94.7	97.7	98.3	99.0	99.0	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	4.7	94.7	97.7	98.3	99.0	99.0	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS _____

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																
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≥ 4500																
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≥ 3500																
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH JUL

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																
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH JUL

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																
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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																
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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	≥ 5/16	≥ ¼	≥ 0
NO CEILING															
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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	≥ ¼	≥ 0
NO CEILING																
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH J u l

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																
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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	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
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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																
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TOTAL NUMBER OF OBSERVATIONS _____

DIPNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH J

HOURS (L S T) ALL

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							62.4	2.5	67.7	66.6	67.7	67.7	67.7	67.7	67.7	
≥ 20000			6	7.2	74.4	74.4	75.3	75.4	75.4	75.6	75.7	75.7	75.7	75.7	75.7	
AVI 18000		3.2	6	7	74.5	74.7	75.4	75.5	75.7	75.7	75.7	75.7	75.8	75.8	75.8	
AVI 16000		3.7	6	72.4	74.6	75.2	75.5	75.6	75.8	75.7	75.8	75.8	75.8	75.8	75.8	
AVI 14000		3.5	6	72.7	74.9	75.3	75.6	75.9	76.0	76.1	76.1	76.1	76.2	76.2	76.2	
AVI 12000			7	73.4	77.7	78.1	78.7									
AVI 10000			77			3.2										
AVI 9000			77			3.4	3.4									
AVI 8000						87.7	87.8	87.8	87.9	87.9	88					
AVI 7000						88.4	88.5									
AVI 6000						88.1	88.8	89.0	89.3	89.3	89	89	89.1	89.1	89.1	
AVI 5000						89.6	89.1	89.2	89.3	89.4	89.4	89.4	89.5	89.5	89.6	
AVI 4500						89.2	89.8	89.9	89.9	90.1	90.1	90.2	90.2	90.2		
AVI 4000						89.6	90.2									
AVI 3500						90.1	90.7									
AVI 3000						91.5	91.9									
AVI 2500						92.7	93.5									
AVI 2000						94.3	94.9									
AVI 1800						94.6	95.2									
AVI 1500						96.5	97.1	97.3	97.3	97.5	97.6	97.6	97.7	97.7	97.7	
AVI 1200						97.1	97.8									
AVI 1000						97.4	98.2									
AVI 900						97.5	98.3									
AVI 800						97.6	98.4									
AVI 700						97.7	98.5									
AVI 600						97.7	98.5									
AVI 500						97.7	98.6									
AVI 400						97.7	98.7									
AVI 300						97.7	98.7									
AVI 200						97.8	98.7									
AVI 100						97.8	98.7									
AVI 0						97.8	98.7									

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																
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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																
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET 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	≥ ¼	≥ 0
NO CEILING																
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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																
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TOTAL NUMBER OF OBSERVATIONS 110

DIRNAVOCEANMET 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	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
AVI 18000																
AVI 16000																
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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
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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
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TOTAL NUMBER OF OBSERVATIONS _____

DIPNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH 1

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
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

ALL
HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
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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	≥ ¼	≥ 0
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET 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	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
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≥ 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																
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≥ 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																
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≥ 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) 12

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																
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0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET 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	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
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0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

18
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	1.7	69.7	53.7	55.7	56.7	56.7	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 20000	3.0	73.3	6[illegible].7	71.3	72.7	73.3	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 18000	.0	73.0	6[illegible].7	71.3	72.7	73.3	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 16000	.0	73.0	6[illegible].7	71.3	72.7	73.3	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 14000	.0	73.3	6[illegible].7	71.7	72.0	73.7	74.3	74.3	74.7	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 12000	.0	6[illegible].3	72.0	72.3	72.7	73.3	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 10000	.0	70.7	7[illegible].7	8[illegible].0	81.3	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 9000	.0	71.0	77.0	80.3	81.7	82.3	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 8000	.0	74.7	81.3	84.7	86.0	87.0	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 7000	.0	75.0	81.7	85.0	86.3	87.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 6000	.0	75.3	82.0	86.3	86.7	87.7	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 5000	.0	75.3	82.0	86.3	86.7	87.7	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 4500	.0	76.0	82.7	86.3	87.3	88.3	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 4000	.0	77.0	84.0	87.3	88.7	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 3500	.0	77.0	84.0	87.3	89.0	90.0	90.7	90.7	90.7	91.0	90.7	91.0	90.7	90.7	90.7	91.0
≥ 3000	.0	77.0	85.0	90.3	91.0	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 2500	.0	79.3	85.7	89.0	90.7	91.7	92.3	92.3	92.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 2000	.0	80.0	88.0	91.3	93.7	94.3	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1800	.0	81.3	88.7	91.7	93.7	94.7	95.3	95.3	95.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1500	.0	1.7	8[illegible].7	9[illegible].3	95.0	96.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1200	.0	2.0	9[illegible].7	94.0	96.3	97.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	.0	2.0	9[illegible].7	94.0	96.3	97.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	.0	2.0	9[illegible].7	94.3	96.7	97.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800	.0	2.0	9[illegible].7	94.3	96.7	97.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	.0	2.0	97.7	94.3	96.7	97.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	.0	1.0	91.0	94.7	97.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	.0	1.0	91.0	94.7	97.0	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	.0	1.0	91.0	94.7	97.0	98.0	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	.0	1.0	91.0	94.7	97.0	98.0	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	.0	1.0	91.0	94.7	97.0	98.0	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	.0	1.0	91.0	94.7	97.0	98.0	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
0	.0	1.0	91.0	94.7	97.0	98.0	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 1[illegible]

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																
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≥ 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

ALL
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																
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≥ 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

OCT

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																
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≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET 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	≥ ¼	≥ 0
NO CEILING	2	65.8	71.6	72.6	72.6	73.9	76.1	76.1	76.1	76.	76.	76.5	76.	76.	76.	77.1
≥ 20000	2	69.	74.4	75.8	76.1	77.4	79.7	79.7	79.7	80.	80.	80.0	80.	80.	80.	80.7
≥ 18000	2.0	69.	74.8	75.8	76.1	77.4	79.7	79.7	79.7	80.0	80.	80.0	80.	80.	80.	80.7
≥ 16000	2.	69.	74.8	75.8	76.1	77.4	79.7	79.7	79.7	80.	80.	80.0	80.	80.	80.	80.7
≥ 14000	2.8	69.	74.8	75.8	76.1	77.4	79.7	79.7	79.7	80.	80.	80.	80.	80.	80.	80.7
≥ 12000	2.8	69.7	75.5	76.5	76.8	78.1	80.3	80.7	80.7	81.	81.	81.	81.	81.	81.	81.5
≥ 10000	2.	71.6	77.4	78.4	78.7	80.0	82.3	82.6	82.6	82.9	82.9	82.9	82.9	83.	83.	83.7
≥ 9000	2.	71.6	77.4	78.4	78.7	80.0	82.3	82.6	82.6	82.9	82.9	82.9	82.9	83.	83.	83.7
≥ 8000	2.	73.8	79.4	80.3	80.7	82.0	84.2	84.5	84.8	84.8	84.8	84.8	84.8	85.	85.	85.7
≥ 7000	2.	74.5	80.7	81.3	81.6	82.9	85.2	85.5	85.8	85.8	85.8	85.8	85.8	86.1	86.1	86.8
≥ 6000	2.	74.	8 .7	81.6	81.9	83.2	85.5	85.8	86.1	86.1	86.1	86.1	86.1	86.5	86.5	86.8
≥ 5000	2.	75.	81.	81.9	82.	83.6	85.8	86.1	86.1	86.5	86.5	86.5	86.5	86.8	86.8	87.1
≥ 4500	2.	75.5	81.7	82.3	82.6	83.9	86.1	86.5	86.8	87.	87.	87.	87.	87.1	87.1	87.4
≥ 4000	2.	75.	81.6	82.6	82.	84.2	86.5	86.8	86.8	87.1	87.1	87.1	87.	87.4	87.4	87.7
≥ 3500	2.	76.1	81.9	82.9	83.2	84.5	86.8	87.1	87.1	87.4	87.4	87.4	87.	87.7	87.7	88.1
≥ 3000	2.	78.7	84.5	85.5	85.8	87.1	89.4	89.7	89.7	9 .	90.	9 .	90.	90.	90.	90.7
≥ 2500	2.	79.7	84.8	85.5	85.8	87.1	89.4	89.7	89.7	90.	90.	90.	90.	90.	90.	90.7
≥ 2000	2.	79.8	84.8	85.8	86.1	87.4	89.7	90.0	90.0	90.	90.	90.	90.	90.	90.	91.0
≥ 1800	2.	79.	84.8	85.8	86.1	87.4	89.7	90.0	90.0	90.3	90.	90.	90.	90.	90.	91.0
≥ 1500	2.6	1.6	87.4	88.4	88.	90.3	92.6	92.9	92.9	93.2	93.	93.	93.	93.6	93.6	93.9
≥ 1200	2.6	1.9	89.1	89.	89.7	91.9	93.2	93.6	93.6	93.9	93.	93.9	93.9	94.2	94.2	94.5
≥ 1000	2.5	2.9	89.	90.0	90.7	91.9	94.2	94.5	94.8	94.8	94.8	94.8	94.8	95.2	95.2	95.5
≥ 900	2.8	2.9	89.	9 .3	90.7	91.9	94.2	94.5	94.8	94.8	94.8	94.8	94.8	95.2	95.2	95.5
≥ 800	2.8	2.9	89.8	90.0	90.7	91.9	94.2	94.5	94.8	94.8	94.8	94.8	94.8	95.2	95.2	95.5
≥ 700	2.8	2.9	89.8	90.3	91.0	92.3	94.5	94.8	94.8	95.2	95.	95.2	95.2	95.5	95.5	95.9
≥ 600	3.	3.4	90.7	91.9	92.9	94.2	96.5	96.8	96.8	97.1	97.	97.1	97.1	97.4	97.4	97.7
≥ 500	3.	3.8	90.7	91.9	92.9	94.2	96.8	97.1	97.1	97.4	97.4	97.4	97.4	97.7	97.7	98.1
≥ 400	3.	4.2	91.7	92.9	94.2	95.5	98.1	98.4	98.4	98.7	98.7	98.7	98.7	99.	99.	99.4
≥ 300	3.	4.2	91.3	92.9	94.5	95.8	98.4	98.7	98.7	99.0	99.0	99.0	99.0	99.4	99.4	99.7
≥ 200	3.	4.2	91.3	92.9	94.5	95.8	98.8	99.1	99.1	99.4	99.4	99.4	99.4	99.7	99.7	100.
≥ 100	3.8	4.2	91.7	92.9	94.5	5.1	98.4	9.	99.1	99.4	99.4	99.4	99.4	99.7	99.7	100.
0	3.	4.2	91.7	92.9	94.5	5.1	98.4	9.	99.1	99.4	99.4	99.4	99.8	99.7	99.7	100.

TOTAL NUMBER OF OBSERVATIONS 1[illegible]

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																
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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																
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET 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	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
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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																
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) 1

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																
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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	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
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TOTAL NUMBER OF OBSERVATIONS _____

DIPNAVOCEANMET 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																
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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																
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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
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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																
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET 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	≥ ¼	≥ 0
NO CEILING																
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

NOV

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																
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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																
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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																
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH

ALL
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
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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	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
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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	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
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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																
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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	≥ ¼	≥ 0
NO CEILING																
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET 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	≥ ¼	≥ 0
NO CEILING ≥ 20000																
≥ 18000 ≥ 16000																
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) 1°

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																
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≥ 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 _____

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 _____

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) 21

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																
IV IV 18000																
IV IV 16000																
IV IV 14000																
IV IV 12000																
IV IV 10000																
IV IV 9000																
IV IV 8000																
IV IV 7000																
IV IV 6000																
IV IV 5000																
IV IV 4500																
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IV IV 3000																
IV IV 2500																
IV IV 2000																
IV IV 1800																
IV IV 1500																
IV IV 1200																
IV IV 1000																
IV IV 900																
IV IV 800																
IV IV 700																
IV IV 600																
IV IV 500																
IV IV 400																
IV IV 300																
IV IV 200																
IV IV 100																
IV IV 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T) ALL

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																
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≥ 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 ALL

HOURS (L S T) ALL

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																
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≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

SKY COVER

23455	PENSACOLA, FLORIDA	73-92	JAN
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		
JAN	00	32.6			13.9						11.6	41.9	5.7	310
	03	30.3			11.9						13.2	44.5	6.0	310
	06	27.4			11.3						12.3	49.0	6.3	310
	09	21.9			11.6						20.0	46.5	6.8	310
	12	22.3			17.4						17.7	42.6	6.4	310
	15	21.3			16.8						20.6	41.3	6.5	310
	18	20.6			21.0						17.4	41.0	6.3	310
	21	29.7			18.1						14.8	38.4	5.7	310
TOTALS		25.6			15.3						16.0	43.2	6.2	2480

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SKY COVER

03855	PENSACOLA, FLORIDA	73-82	FEB
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		
FEB	00	36.9			15.6						9.9	37.6	5.1	282
	03	35.5			11.0						13.8	39.7	5.5	282
	06	29.1			16.7						14.9	39.4	5.8	282
	09	29.8			16.0						17.4	36.9	5.7	282
	12	27.7			20.2						15.1	34.8	5.6	282
	15	31.5			19.1						18.8	31.6	5.4	282
	18	23.8			25.5						18.9	31.9	5.6	282
	21	36.7			16.7						11.7	33.8	4.9	282
TOTALS		31.5			17.6						15.4	35.5	5.5	2256

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SKY COVER

3755	PENSACOLA, FLORIDA	73-82	MAR
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		
MAR	00	29.4			14.2						14.2	42.3	5.9	310
	03	27.4			15.8						12.6	44.2	6.0	310
	06	16.1			19.0						16.8	48.1	6.9	310
	09	19.0			17.7						20.3	42.9	6.7	310
	12	18.4			19.7						21.0	41.0	6.6	310
	15	17.4			19.7						20.0	42.9	6.7	310
	18	18.1			19.4						21.6	41.0	6.6	310
	21	30.0			13.9						18.1	38.1	5.8	310
TOTALS		22.0			17.4						18.1	42.6	6.4	7460

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SKY COVER

03855	PENSACOLA, FLORIDA	73-82	APR
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		
APR	00	40.7			17.0						14.3	28.0	4.6	300
	03	37.3			19.0						13.0	30.7	4.9	300
	06	25.3			18.0						21.3	35.3	6.0	300
	09	25.7			19.7						21.3	30.3	5.5	300
	12	19.7			25.0						24.0	31.3	6.0	300
	15	24.0			23.7						22.7	29.7	5.7	300
	18	25.7			22.7						18.3	33.3	5.7	300
	21	36.3			23.3						16.3	24.0	4.6	300
TOTALS		29.7			21.1						18.9	30.3	5.4	2400

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SKY COVER

03855	PENSACOLA, FLORIDA	73-92	MAY
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		
MAY	00	38.7			22.9						16.9	21.6	4.4	310
	03	34.2			21.6						20.3	23.9	4.9	310
	06	20.0			27.7						29.0	23.2	5.8	310
	09	25.5			23.5						24.5	26.5	5.6	313
	12	15.5			31.3						28.7	24.5	6.0	313
	15	22.3			25.8						27.7	24.2	5.7	310
	18	22.6			25.8						23.5	28.1	5.7	310
	21	27.1			26.8						23.2	22.9	5.2	31
TOTALS		25.7			25.7						24.2	24.4	5.4	2480

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SKY COVER

13455	PENSACOLA, FLORIDA	73-9[illegible]	JUN
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		
JUN	00	34.7			36.0						16.7	12.7	5.8	300
	03	37.3			31.3						26.3	12.0	4.5	300
	06	29.0			28.3						34.3	12.3	5.2	300
	09	22.3			33.7						32.3	11.7	5.1	300
	12	16.0			37.7						33.0	13.3	5.4	300
	15	19.7			35.3						29.7	15.3	5.3	300
	18	26.0			24.3						33.0	16.7	5.4	300
	21	27.7			30.0						28.0	14.3	4.9	300
TOTALS		25.2			32.1						29.4	13.3	5.0	2400

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SKY COVER

3-55	PENSACOLA, FLORIDA	73-82	JUL
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		
JUL	00	23.2			33.2						26.8	16.8	5.1	310
	03	24.5			35.8						25.5	12.3	4.6	310
	06	27.9			29.7						32.3	15.2	5.3	311
	09	17.1			32.6						30.3	20.0	5.7	311
	12	15.2			29.0						38.4	16.5	6.0	310
	15	16.1			27.1						34.2	22.6	6.1	310
	18	14.5			17.1						34.2	33.5	7.3	311
	21	21.3			27.4						28.4	23.9	5.8	311
TOTALS		19.7			29.0						31.3	20.1	5.7	3101

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SKY COVER

STATION	STATION NAME	PERIOD	MONTH
[illegible]	PENSACOLA, FLORIDA	73-82	[illegible]

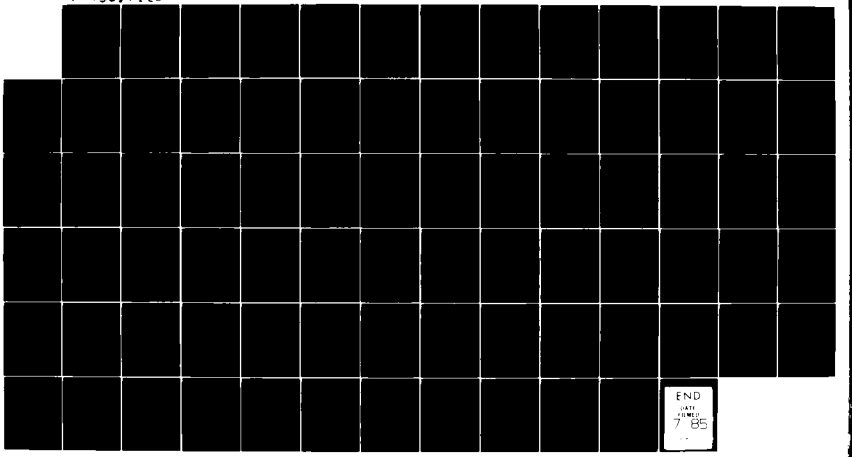
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

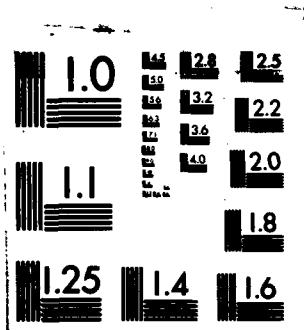
MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
[illegible]	[illegible]	2[illegible].5			34.5						24.[illegible]	14.2	4.7	[illegible]
	03	2[illegible].1			39.7						22.[illegible]	13.[illegible]	[illegible].3	[illegible]
	[illegible]	1[illegible].5			37.4						29.4	17.7	[illegible].[illegible]	[illegible]
	[illegible]	23.[illegible]			32.[illegible]						36.[illegible]	16.[illegible]	[illegible].7	[illegible]
	1[illegible]	11.6			[illegible].7						41.[illegible]	17.7	[illegible].4	[illegible]
	1[illegible]	1[illegible].2			27.4						[illegible].[illegible]	[illegible]1.6	[illegible].2	[illegible]
	1[illegible]	17.1			1[illegible].[illegible]						37.1	26.[illegible]	[illegible].6	[illegible]
	[illegible]1	21.5			33.5						[illegible].1	19.[illegible]	[illegible].[illegible]	[illegible]
TOTALS		1[illegible].7			[illegible].5						31.[illegible]	1[illegible].1	.6	[illegible]

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AD A150 446 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) 4/4
PENSACOLA FLORIDA(U) NAVAL OCEANOGRAPHY COMMAND
DETACHMENT ASHEVILLE NC FEB 84

UNCLASSIFIED F/G 4/2 NL




1.0
1.1
1.25
1.4
1.6
2.0
2.2
2.5
2.8
3.2
3.6
4.0
MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

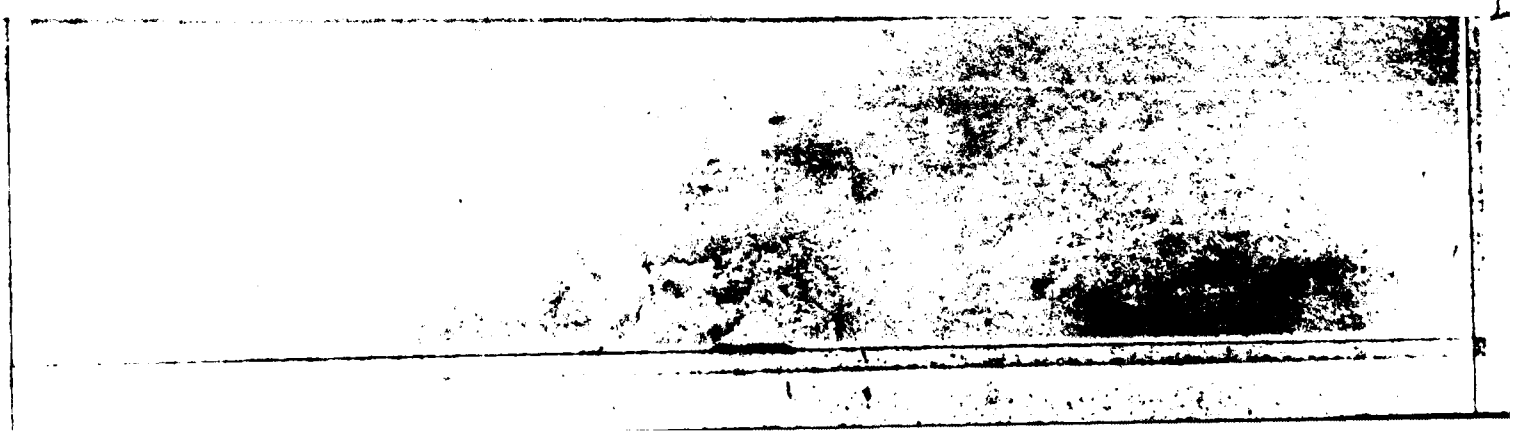
SKY COVER

03855	PENSACOLA, FLORIDA	73-82	SEP
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		
SEP	00	35.7			27.0						20.7	16.7	4.3	300
	03	38.0			25.0						18.0	19.0	4.3	300
	06	21.7			31.0						26.3	21.0	5.4	300
	09	29.7			23.0						25.3	22.0	5.2	300
	12	13.7			31.3						32.7	22.3	6.1	300
	15	17.3			28.7						32.3	21.7	5.9	300
	18	16.7			29.0						24.0	30.3	6.1	300
	21	31.0			21.3						26.0	21.7	5.1	300
TOTALS		25.5			27.0						25.7	21.8	5.3	2400

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SKY COVER

03855	PENSACOLA, FLORIDA	73-82	OCT
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		
OCT	00	53.5			20.3						10.6	15.5	3.1	310
	03	51.3			20.6						12.6	15.5	3.3	310
	06	32.6			30.3						18.7	18.4	4.4	310
	09	41.6			19.7						20.6	18.1	4.3	310
	12	32.3			29.4						18.4	20.0	4.5	310
	15	28.7			30.6						22.3	18.4	4.8	310
	18	34.5			27.4						23.2	14.8	4.4	310
	21	51.3			21.3						11.9	15.5	3.3	310
TOTALS		40.7			25.0						17.3	17.0	4.0	2480

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SKY COVER

03655	PENSACOLA, FLORIDA	73-82	NOV
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		
NOV	00	42.7			20.0						14.0	23.3	4.2	300
	03	40.7			17.7						14.7	27.0	4.6	300
	06	28.7			23.0						17.3	31.0	5.4	300
	09	31.0			17.3						22.3	29.3	5.5	300
	12	29.0			19.3						23.0	28.7	5.5	300
	15	26.0			22.7						24.3	27.0	5.6	300
	18	28.0			23.3						21.0	27.7	5.4	300
	21	39.3			19.7						16.3	24.7	4.5	300
TOTALS		33.2			20.4						19.1	27.3	5.1	2400

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SKY COVER

03855	PENSACOLA, FLORIDA	73-82	DEC
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
DEC	00	37.4			11.6						13.9	37.1	5.3	310
	03	37.5			13.3						14.6	34.6	5.2	309
	06	34.3			14.2						15.2	36.2	5.4	309
	09	30.7			17.5						14.2	37.5	5.6	309
	12	25.9			17.2						21.4	35.6	6.0	309
	15	26.2			20.1						20.4	33.3	5.8	309
	18	27.3			19.5						19.2	34.1	5.7	308
	21	37.3			14.3						14.3	34.1	5.1	308
TOTALS		32.1			16.0						16.7	35.3	5.5	2471

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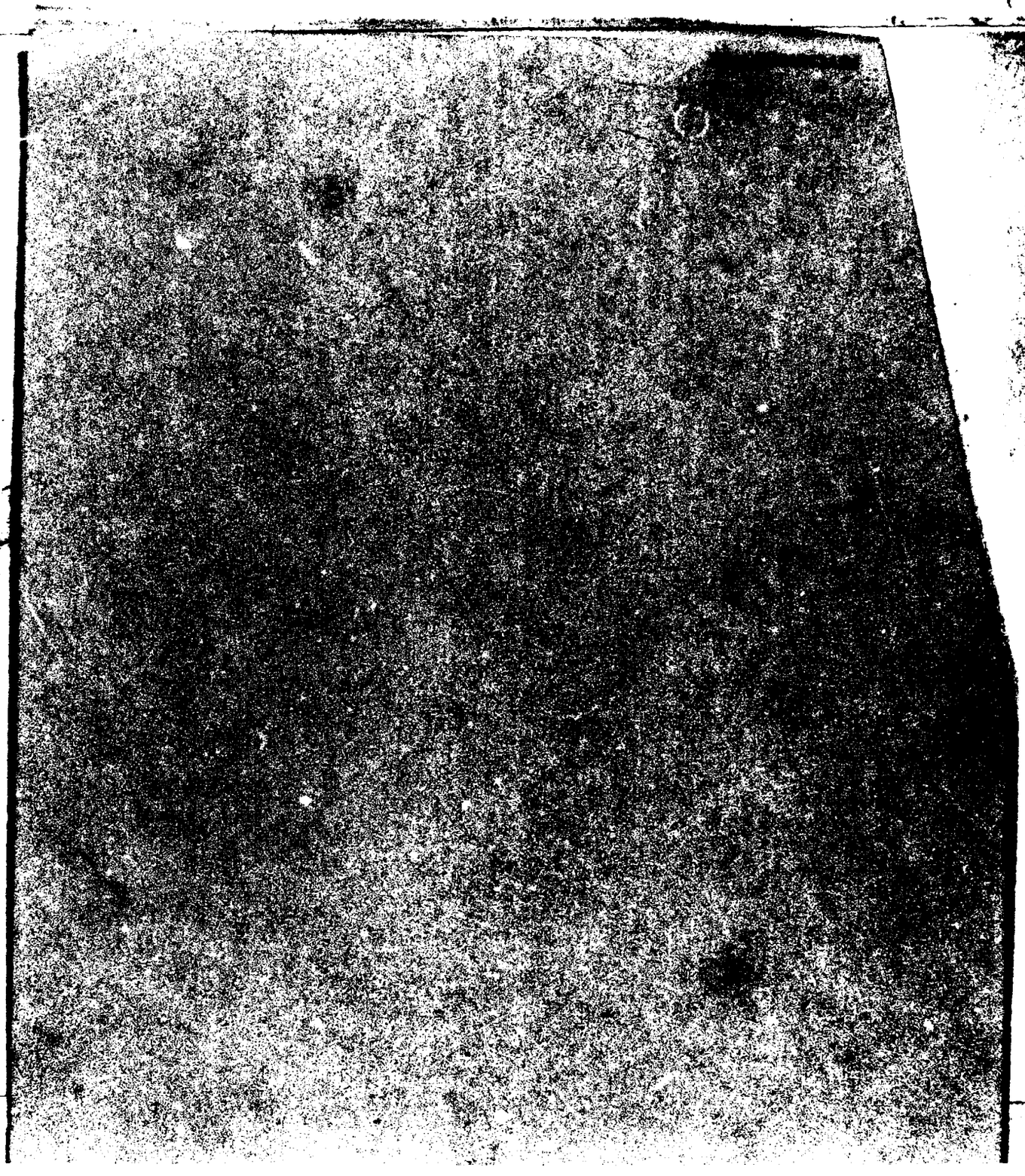
SKY COVER

03855	PENSACOLA, FLORIDA	73-82	ALL
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		
JAN	ALL	25.6			15.3						16.0	43.2	6.2	2480
FEB		31.5			17.6						15.4	35.5	5.5	2256
MAR		22.0			17.4						18.1	42.6	6.4	2480
APR		29.7			21.1						18.9	30.3	5.4	2400
MAY		25.7			25.7						24.2	24.4	5.4	2480
JUN		25.2			32.1						29.4	13.3	5.0	2400
JUL		19.7			28.9						31.3	20.1	5.7	2480
AUG		19.7			30.5						31.7	18.1	5.6	2480
SEP		25.5			27.0						25.7	21.8	5.3	2400
OCT		40.7			25.0						17.3	17.0	4.0	2480
NOV		33.2			20.4						19.1	27.3	5.1	2400
DEC		32.1			16.0						16.7	35.3	5.5	2471
TOTALS		27.6			23.1						22.0	27.4	5.4	29207

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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 total no. of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may require two pages in some cases.

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

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

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

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

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

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.

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

[illegible] | PENSACOLA, FLORIDA | 55-6[illegible]
STATION | STATION NAME | YEARS

MAXIMUM

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥ 100						.1	.9	.3					.1
≥ 95						2.6	5.6	4.4	1.0				1.2
≥ 90					4.4	29.2	43.8	45.9	22.6	.9			12.5
≥ 85				1.2	30.0	82.5	92.7	91.0	68.3	18.7	.4		32.6
≥ 80		.4	3.5	19.4	74.7	97.9	99.7	99.7	91.0	50.1	6.8	.5	46.0
≥ 75	3.3	4.5	16.7	58.8	95.4	99.6	100.0	100.0	97.6	75.1	29.4	7.8	58.3
≥ 70	14.7	22.8	43.5	88.4	99.3	100.0			99.4	91.5	57.7	25.6	70.7
≥ 65	35.6	43.0	70.8	97.7	99.9				99.9	98.2	74.5	48.6	81.0
≥ 60	54.7	65.5	88.5	99.8	100.0				100.0	99.5	88.5	69.6	89.1
≥ 55	72.3	82.4	96.7	100.0						100.0	95.6	84.2	94.4
≥ 50	83.5	92.9	98.7								98.6	92.5	97.2
≥ 45	92.6	97.4	99.6								99.8	98.2	99.0
≥ 40	97.5	99.5	100.0								100.0	99.5	99.7
≥ 35	99.3	100.0										99.9	99.9
≥ 30	100.0												100.0
≥ 25												100.0	100.0
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MEAN	59.5	62.3	67.8	75.3	82.1	87.6	89.1	89.0	85.9	78.7	69.5	63.2	75.8
S.D.	9.445	8.225	6.910	4.814	4.526	3.667	3.511	3.375	4.725	6.168	7.828	8.443	12.322
TOTAL OBS.	837	763	837	810	866	840	868	868	840	868	840	868	10105

NAVWEASERVCOM

DAILY TEMPERATURES

STATION: [illegible] | STATION NAME: PENSACOLA, FLORIDA | YEARS: 55-82

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥ 85								.2					.0
≥ 80						4.8	5.2	3.5	2.0	.1			1.3
≥ 75				.6	5.4	32.9	54.5	48.0	24.9	2.5	.1		14.3
≥ 70	.1	.1	.6	9.1	34.3	75.7	96.5	94.9	70.6	14.6	2.5	.7	33.9
≥ 65	2.4	3.0	6.8	31.1	67.4	94.9	99.8	99.3	87.3	31.3	11.2	6.0	45.6
≥ 60	9.3	11.3	24.0	51.9	86.5	99.0	100.0	99.9	95.7	54.5	21.7	13.4	56.7
≥ 55	16.8	20.3	38.4	70.2	94.0	99.9		100.0	98.2	72.0	34.3	21.3	64.3
≥ 50	28.0	31.2	56.6	87.8	98.8	100.0			99.2	84.9	52.5	34.2	73.2
≥ 45	40.2	46.0	71.3	96.0	99.9				100.0	95.2	70.0	47.7	82.9
≥ 40	54.4	63.7	87.7	99.4	100.0					98.6	82.9	64.6	87.8
≥ 35	68.8	79.4	95.5	100.0						99.9	92.7	78.9	93.1
≥ 30	85.1	92.0	98.9							100.0	98.3	91.9	97.2
≥ 25	94.6	99.0	99.8								99.9	98.6	99.3
≥ 20	98.2	99.9	100.0								100.0	99.7	99.8
≥ 15	99.0	100.0										99.8	99.8
≥ 10	99.8											99.9	100.0
≥ 5	100.0											100.0	100.0
MEAN	41.9	44.7	51.1	59.3	68.3	72.3	74.7	74.3	70.9	59.6	51.3	44.8	59.1
S. D.	11.488	11.823	9.696	8.011	6.220	4.600	2.894	3.102	5.663	8.758	10.499	11.567	14.556
TOTAL OBS.	837	753	837	810	566	840	868	868	840	868	840	868	10105

NAVWEASERVCOM

DAILY TEMPERATURES

STATION [illegible] | STATION NAME PENSACOLA, FLORIDA | YEARS 55-6[illegible]

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

"E A"

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥ [illegible]							1.0	.3					.1
≥ 95						8.5	15.4	15.2	4.4	.2			3.7
≥ [illegible]				.4	11.2	61.1	87.3	82.8	50.4	4.4	.1		21.3
≥ 75		.3	.8	9.9	55.2	95.1	99.3	99.5	84.0	24.0	2.1	.5	39.9
≥ 70	1.9	2.2	8.2	40.0	87.4	99.4	100.0	100.0	96.1	54.5	15.1	5.9	51.0
≥ 65	9.4	13.1	30.2	70.7	96.7	100.0			98.3	76.4	34.0	17.3	62.8
≥ 60	22.5	29.4	53.3	90.6	99.7				99.9	99.9	55.5	29.5	73.5
≥ 55	36.5	45.2	74.1	97.9	99.9				100.0	97.9	72.7	47.5	81.5
≥ 50	54.2	65.7	90.8	100.0	100.0					99.9	88.5	67.5	89.1
≥ 45	72.3	82.7	97.3							100.0	95.7	85.8	94.6
≥ 40	86.7	93.6	99.2								99.0	94.7	97.8
≥ 35	95.2	98.7	99.8								99.9	99.0	99.4
≥ 30	98.9	100.0	100.0								100.0	99.7	99.9
≥ 25	99.3											99.8	99.9
≥ 20	100.0											99.9	100.0
≥ 15												100.0	100.0
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MEAN	50.9	59.5	69.7	87.5	94.5	80.2	82.1	81.9	78.7	66.4	60.1	54.3	67.7
S.D.	10.075	8.978	7.716	5.755	4.591	3.405	2.875	2.669	4.529	6.825	8.586	9.407	13.111
TOTAL OBS.	837	763	837	810	866	840	868	868	840	868	840	868	10105

NAVWEASERVCOM

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
	PENSACOLA, FLORIDA	1956-1982	JANUARY

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	51.4	10.8	60.3	15.7	77	25.0	1975	42.5	5.8	26	-3.3	1954
2	49.2	9.6	58.0	14.4	74	23.3	1966	40.5	4.7	24	-4.4	1979*
3	52.3	11.3	61.9	16.6	75	23.9	1982	42.7	5.9	20	-6.7	1979
4	50.4	10.2	59.6	15.3	78	25.6	1972	41.2	5.1	27	-2.8	1979
5	49.3	9.6	57.9	14.4	72	22.2	1957	40.7	4.8	24	-4.4	1969
6	51.8	11.0	60.5	15.8	72	22.2	1982	43.1	6.2	26	-3.3	1963
7	51.4	10.8	60.8	16.0	76	24.4	1982	42.0	5.6	20	-6.7	1970
8	48.5	9.2	57.8	14.3	72	22.2	1965	39.4	4.1	20	-6.7	1970
9	49.3	9.6	58.3	14.6	75	23.9	1972	40.3	4.6	20	-6.7	1970
10	47.5	8.6	56.6	13.7	76	24.4	1972	38.4	3.6	12	-11.1	1962
11	48.1	8.9	56.1	13.4	78	25.5	1972	40.1	4.5	10	-12.2	1982
12	47.7	8.7	56.5	13.6	76	24.4	1972	39.0	3.9	13	-10.6	1962
13	49.3	9.6	57.3	14.1	75	23.9	1972	41.2	5.1	13	-10.6	1981
14	49.3	9.6	57.6	14.2	75	23.9	1971	41.0	5.0	21	-6.1	1964
15	49.4	9.7	59.7	15.4	78	25.6	1971	39.2	4.0	21	-6.1	1982
16	46.9	8.3	57.0	13.9	70	21.1	1974	36.9	2.7	21	-6.1	1972
17	47.0	8.3	56.3	13.5	69	20.6	1980*	37.7	3.2	19	-7.2	1977
18	50.0	10.0	60.1	15.6	73	22.8	1974	40.0	4.4	22	-5.6	1977
19	51.3	10.7	59.3	15.2	73	22.8	1982	43.2	6.2	13	-10.6	1977
20	51.1	10.6	59.4	15.2	76	24.4	1982	42.9	6.1	23	-5.0	1977
21	50.1	10.1	58.6	14.8	75	23.9	1982	41.6	5.3	24	-4.4	1977
22	52.0	11.1	60.4	15.8	73	22.9	1982	43.7	6.5	22	-5.6	1951
23	54.4	12.4	63.3	17.4	77	25.0	1971	45.6	7.6	19	-7.2	1963
24	52.6	11.1	60.8	16.0	75	23.9	1972	43.1	6.2	9	-12.8	1963
25	52.7	11.5	61.2	16.2	76	24.4	1974	44.1	6.7	18	-7.8	1953
26	54.6	12.6	62.8	17.1	76	24.4	1965	46.3	7.9	28	-2.2	1977
27	52.6	11.4	60.9	16.1	72	22.2	1975	44.2	6.8	26	-3.3	1966
28	52.9	11.6	62.3	16.9	76	24.4	1974	43.6	6.4	27	-2.8	1963
29	52.4	11.3	61.6	16.4	76	24.4	1974	43.3	6.3	21	-6.1	1956
30	52.7	11.5	61.5	16.4	76	24.4	1974	43.9	6.6	9	-12.8	1966
31	53.2	11.8	61.6	16.4	76	24.4	1975	44.8	7.1	19	-7.2	1966
Monthly	50.7	10.4	59.5	15.3	78	25.6	1972*	41.8	5.4	9	-12.8	1966*

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

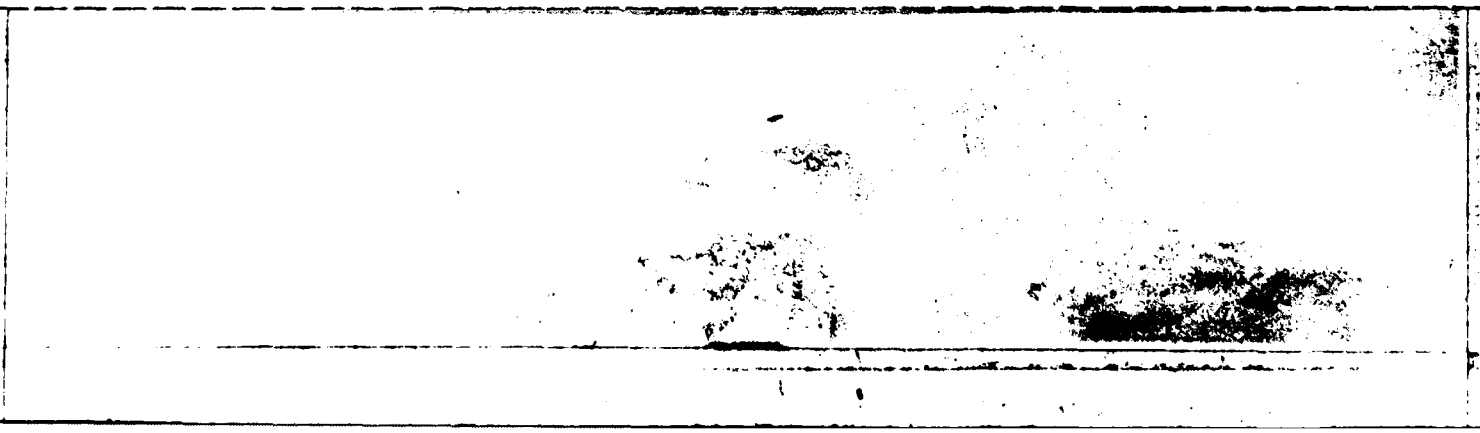
DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
	PENSACOLA, FLORIDA	1956-1982	FEBRUARY

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	54.9	12.7	62.8	17.1	77	25.0	1975	47.0	8.3	24	-4.4	1977
2	53.7	12.1	61.9	16.6	79	26.1	1975	45.5	7.5	25	-3.9	1980*
3	51.3	10.7	59.7	15.4	77	25.0	1974	42.8	6.0	25	-3.9	1981
4	51.0	10.6	60.3	15.7	73	22.8	1957	41.7	5.4	19	-7.2	1970
5	52.7	11.5	62.0	16.7	79	26.1	1975	43.5	6.4	28	-2.2	1966
6	53.0	11.7	62.1	16.7	73	22.8	1974	44.0	6.7	24	-4.4	1977
7	50.8	10.4	60.0	15.6	75	23.9	1974	41.6	5.3	27	-2.8	1978
8	49.5	9.7	59.7	15.4	73	22.8	1957	39.3	4.1	23	-5.0	1976
9	51.3	10.7	60.3	15.7	75	23.9	1957	42.4	5.8	25	-3.9	1971
10	50.8	10.4	60.0	15.6	74	23.3	1959*	41.7	5.4	22	-5.6	1979
11	51.8	11.0	62.4	16.9	76	24.4	1975	41.2	5.1	27	-2.8	1979*
12	50.9	10.5	60.4	15.8	78	25.6	1975	41.3	5.2	22	-5.6	1981
13	51.2	10.7	60.1	15.6	74	23.3	1959	42.3	5.7	21	-6.1	1958
14	52.7	11.5	62.7	17.1	73	22.8	1961	42.7	5.9	27	-2.8	1971*
15	55.7	13.2	63.9	17.7	73	22.8	1961	47.6	8.7	28	-2.2	1960
16	54.6	12.6	62.8	17.1	79	26.1	1975	46.5	8.1	28	-2.2	1977*
17	53.4	11.9	60.7	15.9	80	26.7	1975	46.0	7.8	27	-2.8	1958
18	55.4	13.0	63.4	17.4	79	26.1	1975	47.3	8.5	22	-5.6	1958
19	54.1	12.3	63.4	17.4	76	24.4	1981	44.7	7.1	28	-2.2	1960*
20	53.7	12.1	63.1	17.3	81	27.2	1981	44.2	6.8	30	-1.1	1958
21	56.1	13.4	65.4	18.6	75	23.9	1982	46.8	8.2	29	-1.7	1978
22	53.8	12.1	62.4	16.9	76	24.4	1975	45.1	7.3	26	-3.3	1978
23	55.0	12.8	63.6	17.6	78	25.6	1975	46.4	8.0	25	-3.9	1964
24	55.4	13.0	64.4	18.0	75	23.9	1982*	46.4	8.0	29	-1.7	1978
25	53.6	12.0	62.6	17.0	75	23.9	1982	44.6	7.0	30	-1.1	1974*
26	53.5	11.9	63.4	17.4	77	25.0	1981	43.6	6.4	25	-3.9	1974
27	55.1	12.8	64.8	18.2	81	27.2	1981	45.3	7.4	28	-2.2	1963
28	56.9	13.8	66.2	19.0	78	25.6	1961	47.4	8.6	36	2.2	1977
29	53.8	12.1	63.6	17.6	73	22.8	1972	44.0	6.7	33	.6	1964
30												
31												
Monthly	53.3	11.8	62.3	16.8	81	27.2	1981	44.2	6.8	19	-7.2	1970

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

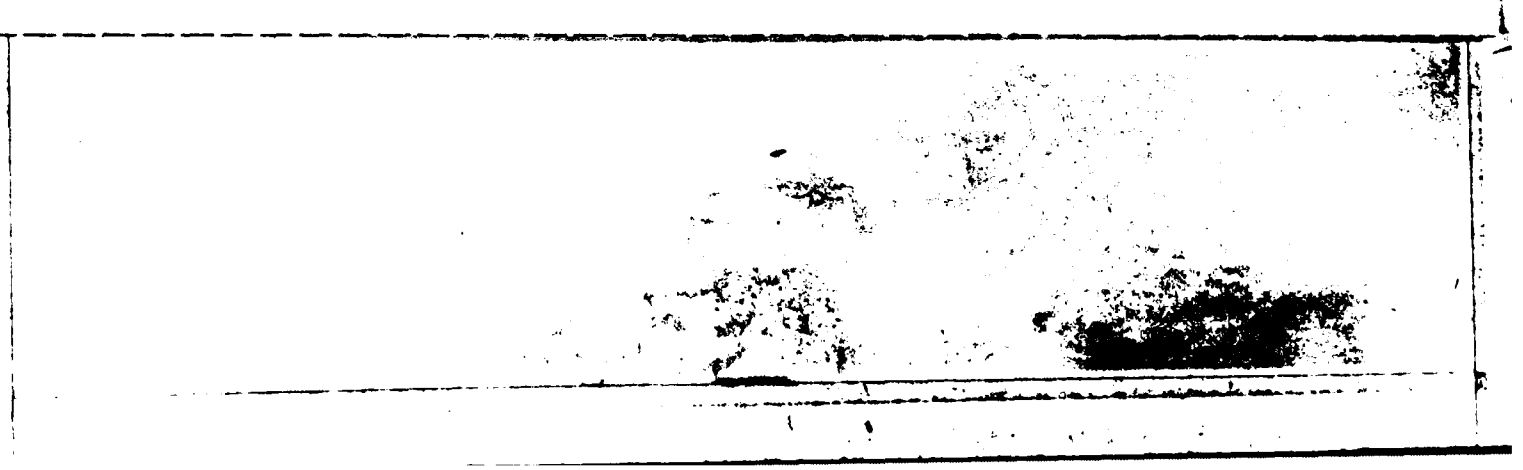
DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
	PENSACOLA, FLORIDA	1956-1982	MARCH

	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	55.3	12.9	64.1	17.8	74	23.3	1981*	46.5	8.1	29	-1.7	1980
2	56.9	13.8	65.3	18.5	78	25.6	1971	48.6	9.2	23	-5.0	1980
3	56.3	13.5	64.3	17.9	74	23.3	1974	48.4	9.1	21	-6.1	1980
4	56.8	13.8	64.4	18.0	76	24.4	1979	49.1	9.5	25	-3.9	1960
5	57.3	14.1	65.1	18.4	77	25.0	1981	49.6	9.8	27	-2.8	1978
6	55.6	13.1	64.6	18.1	76	24.4	1976	46.7	8.2	26	-3.3	1960
7	56.1	13.4	64.0	17.8	75	23.9	1975*	48.1	8.9	30	-1.1	1966*
8	55.0	12.8	63.9	17.7	78	25.6	1974	46.1	7.8	30	-1.1	1982
9	57.3	14.1	66.3	19.1	77	25.0	1973	48.3	9.1	33	.6	1982
10	58.8	14.9	67.3	19.6	82	27.8	1980	50.2	10.1	33	.6	1969
11	60.8	16.0	68.2	20.1	80	26.7	1975	53.4	11.9	33	.6	1969
12	61.8	16.6	69.1	20.6	80	26.7	1974	54.4	12.4	36	2.2	1960
13	59.9	15.5	67.9	19.9	80	26.7	1982*	51.8	11.0	33	.6	1960
14	60.0	15.6	68.3	20.2	82	27.8	1963	51.6	10.9	35	1.7	1970
15	61.3	16.3	70.5	21.4	81	27.2	1971	52.0	11.1	38	3.3	1958
16	60.1	15.6	69.0	20.6	81	27.2	1977	51.3	10.7	39	3.9	1970*
17	59.2	15.1	68.7	20.4	82	27.8	1982	49.7	9.8	31	-.6	1981*
18	60.4	15.8	69.2	20.7	83	28.3	1982	51.5	10.8	36	2.2	1978
19	61.0	16.1	69.3	20.7	80	26.7	1982*	52.8	11.6	40	4.4	1962*
20	60.7	15.9	69.0	20.6	81	27.2	1982	52.3	11.3	34	1.1	1956
21	60.2	15.7	69.0	20.6	81	27.2	1982	51.5	10.8	35	1.7	1965
22	58.9	14.9	68.1	20.1	81	27.2	1975*	49.6	9.8	34	1.1	1960
23	59.2	15.1	68.4	20.2	81	27.2	1972	50.0	10.0	34	1.1	1968
24	60.2	15.7	68.9	20.5	81	27.2	1975	51.6	10.9	30	-1.1	1968
25	60.0	15.6	68.5	20.3	80	26.7	1975	51.4	10.8	36	2.2	1981*
26	58.3	14.6	66.9	19.4	75	23.9	1963	49.6	9.8	32	.0	1979
27	59.7	15.4	68.0	20.0	79	26.1	1959	51.4	10.8	37	2.8	1969
28	62.5	16.9	69.9	21.1	81	27.2	1972	55.2	12.9	35	1.7	1978
29	64.7	18.2	71.6	22.0	83	28.7	1975	57.8	14.3	43	6.1	1978
30	64.6	18.1	72.7	22.6	81	27.2	1978*	56.4	13.6	43	6.1	1971
31	63.4	17.4	71.3	21.8	81	27.2	1978	55.6	13.1	39	3.9	1971
Monthly	59.4	15.2	67.8	19.9	83	28.3	1982	51.0	10.6	21	-6.1	1980

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

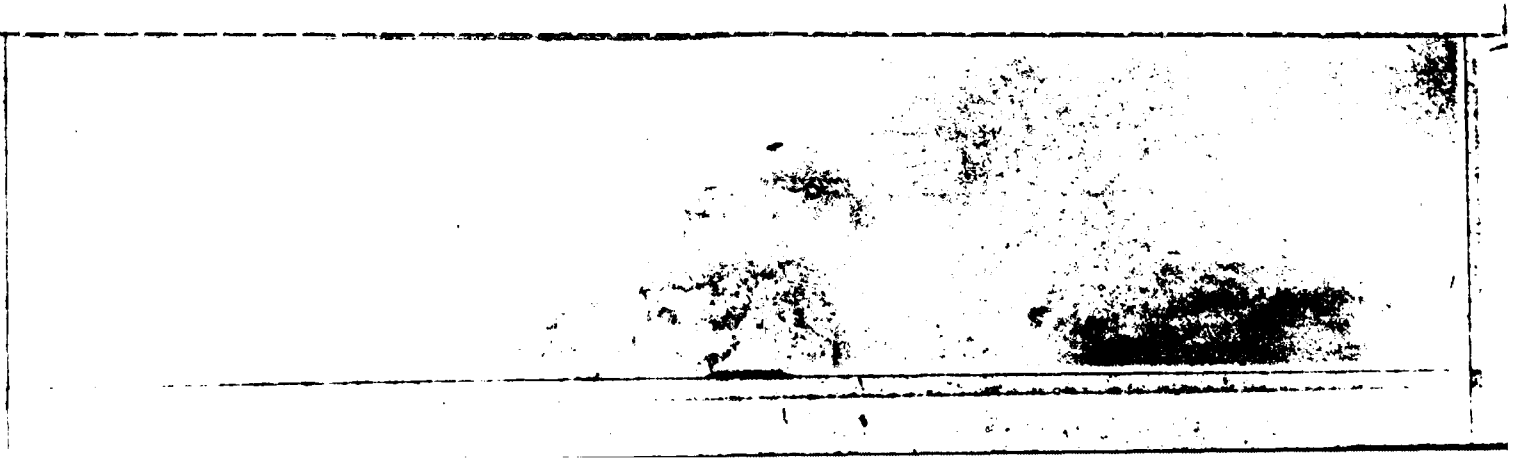
DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
	PENSACOLA, FLORIDA	1956-1982	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 DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP DATE
1	65.0	18.3	72.6	22.6	81	27.2	1974	57.4	14.1	41	5.0	1976
2	64.8	18.2	72.9	22.7	80	26.7	1977	56.6	13.7	40	4.4	1962
3	65.2	18.4	73.1	22.8	82	27.8	1982	57.3	14.1	40	4.4	1971*
4	65.5	18.6	73.6	23.1	84	28.9	1979*	57.4	14.1	39	3.9	1975
5	63.7	17.6	72.1	22.3	79	26.1	1982	55.3	12.9	44	6.7	1966
6	63.1	17.3	72.7	22.6	79	26.1	1972*	53.5	11.9	41	5.0	1971
7	63.7	17.6	72.8	22.7	81	27.2	1972*	54.6	12.6	37	2.8	1971
8	65.4	18.6	74.2	23.4	84	28.9	1978*	56.6	13.7	40	4.4	1971
9	65.5	18.6	74.3	23.5	81	27.2	1979	56.7	13.7	43	6.1	1957
10	63.7	17.6	71.8	22.1	81	27.2	1963	55.5	13.1	44	6.7	1974
11	64.6	18.1	72.9	22.7	80	26.7	1968*	56.3	13.5	38	3.3	1973
12	66.4	19.1	74.5	23.6	84	28.9	1963	58.4	14.7	44	6.7	1982
13	66.3	19.1	74.7	23.7	82	27.8	1976	57.9	14.4	46	7.8	1959
14	65.9	18.8	74.3	23.5	84	28.9	1979	57.6	14.2	42	5.6	1959
15	66.7	19.3	75.7	24.3	88	31.1	1981	57.6	14.2	49	9.4	1962*
16	65.6	18.7	74.2	23.4	83	28.3	1979	57.0	13.9	39	3.9	1962
17	66.7	19.3	74.9	23.8	80	26.7	1979*	58.5	14.7	39	3.9	1962
18	68.7	20.4	76.1	24.5	86	30.0	1967	61.4	16.3	49	9.4	1956
19	69.1	20.6	77.4	25.2	83	28.3	1979*	60.9	16.1	51	10.6	1961*
20	68.8	20.4	76.9	24.7	83	28.3	1981	61.3	16.3	44	6.7	1978
21	70.7	21.5	77.3	25.2	85	29.4	1980	64.1	17.8	45	7.2	1978
22	71.1	21.7	77.5	25.3	85	29.4	1958	64.7	18.2	52	11.1	1978
23	70.9	21.6	77.7	25.4	87	30.6	1980	64.2	17.9	49	9.4	1959
24	70.1	21.2	77.5	25.3	85	29.4	1972	62.7	17.1	50	10.0	1968*
25	69.6	20.9	77.3	25.2	82	27.8	1964*	61.9	16.6	46	7.8	1968
26	69.7	20.9	77.4	25.2	83	28.3	1975*	62.0	16.7	51	10.6	1978
27	69.8	21.0	77.7	25.4	83	28.3	1970*	61.9	16.6	49	9.4	1981*
28	70.1	21.2	77.9	25.5	83	28.3	1970	62.4	16.9	44	6.7	1978
29	70.6	21.4	78.2	25.7	86	30.0	1969	63.1	17.3	50	10.0	1979
30	71.2	21.8	78.5	25.6	85	29.4	1981*	63.8	17.7	51	10.6	1969*
31												
Monthly	67.3	19.6	75.3	24.1	88	31.1	1981	59.3	15.2	37	2.8	1971

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
	PENSACOLA, FLORIDA	1955-1982	MAY

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 DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP DATE
1	71.1	21.7	78.5	25.8	95	29.4	1981	63.8	17.7	52	11.1	1969*
2	71.1	21.7	78.3	25.7	88	31.1	1975	63.8	17.7	52	11.1	1981
3	70.5	21.4	78.4	25.8	83	28.3	1982*	62.6	17.0	48	8.9	1981
4	70.8	21.6	79.4	26.3	88	31.1	1975	62.2	16.8	47	8.3	1971
5	71.1	21.7	79.4	26.3	86	30.0	1959	62.7	17.1	53	11.7	1982*
6	72.0	22.2	79.4	26.3	88	31.1	1980	64.6	18.1	51	10.6	1968
7	73.0	22.8	80.5	26.9	91	32.8	1959	65.5	18.6	52	11.1	1958
8	73.1	22.8	80.5	26.9	89	31.7	1959	65.6	18.7	48	8.9	1960
9	73.2	22.9	80.8	27.1	89	31.7	1966	65.6	18.7	48	8.9	1960
10	72.4	22.4	80.3	26.8	89	31.7	1975	64.6	18.1	52	11.1	1969*
11	72.9	22.7	79.9	26.6	86	30.0	1963*	65.9	18.8	50	10.0	1960
12	73.4	23.0	80.9	27.2	92	33.3	1974*	65.9	18.8	48	8.9	1960
13	73.2	22.9	81.1	27.3	86	30.0	1974*	65.2	18.4	44	6.7	1960
14	73.3	22.9	81.2	27.3	87	30.6	1959	65.5	18.6	51	10.6	1960
15	73.4	23.0	81.4	27.4	89	31.1	1963	65.3	18.5	54	12.2	1964
16	73.5	23.1	81.8	27.7	92	33.3	1979	65.1	18.4	54	12.2	1973*
17	73.6	23.1	81.8	27.7	87	30.6	1982	65.4	18.6	54	12.2	1956
18	74.7	23.7	82.8	28.2	91	32.8	1975	66.5	19.2	51	10.6	1976
19	75.4	24.1	83.3	28.5	90	32.2	1975*	67.4	19.7	50	10.0	1976
20	75.4	24.1	83.9	28.8	90	32.2	1962	66.9	19.4	50	10.0	1976
21	76.4	24.7	84.7	29.3	92	33.3	1964	68.2	20.1	55	12.8	1981
22	76.1	24.5	83.6	28.7	93	33.9	1975	68.6	20.3	55	12.8	1981
23	76.2	24.6	84.0	28.9	93	33.9	1975	68.5	20.3	58	14.4	1981*
24	76.6	24.8	84.7	29.3	91	32.8	1969	68.5	20.3	55	12.8	1967
25	76.9	24.9	84.9	29.4	92	33.3	1978	68.8	20.4	49	9.4	1979
26	76.8	24.9	84.8	29.3	94	34.4	1975	68.8	20.4	45	7.2	1979
27	76.7	24.8	84.8	29.3	92	33.3	1969	68.6	20.3	50	10.0	1961
28	77.0	25.0	85.0	29.4	92	33.3	1975	69.1	20.6	53	11.7	1961
29	76.5	24.7	85.0	29.4	91	32.8	1975	67.9	19.9	58	14.4	1961
30	77.6	25.3	85.9	29.9	92	33.3	1963	69.4	20.8	56	13.3	1971
31	77.1	25.1	85.2	29.6	90	32.2	1969*	69.1	20.6	60	15.6	1971
Monthly	74.2	23.4	82.1	27.8	94	34.4	1975	66.3	19.1	44	6.7	1960

*ALSO ON EARLIER YEARS



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

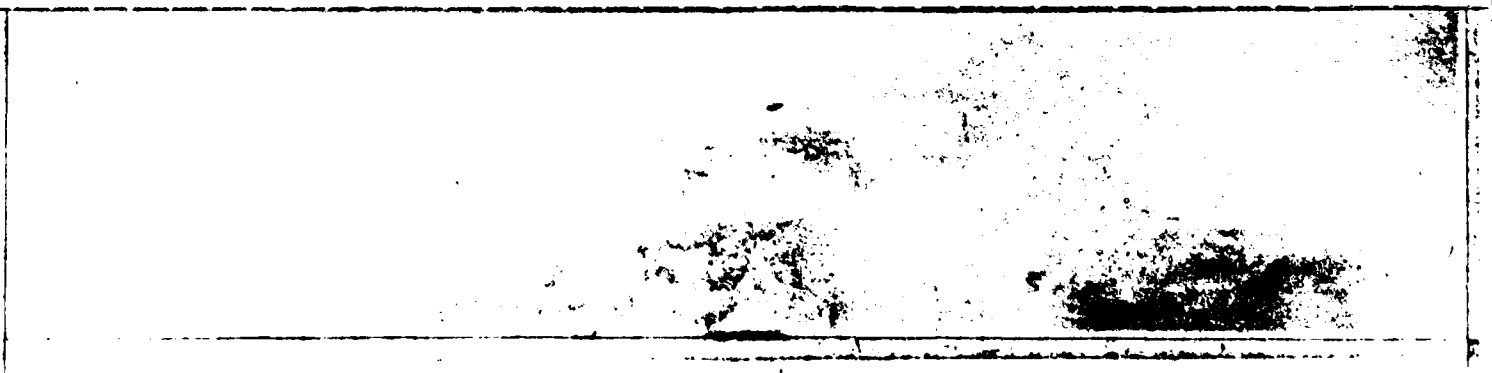
DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
	PENSACOLA, FLORIDA	1955-1982	JUNE

	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	77.6	25.3	85.4	29.7	91	32.2	1982	69.7	20.9	56	13.3	1972
2	76.7	24.8	84.9	29.4	90	32.2	1959	68.6	20.3	54	12.2	1972
3	77.0	25.0	85.5	29.7	92	33.3	1968	68.4	20.2	58	14.4	1956
4	78.1	25.6	86.8	30.4	93	33.9	1980*	69.5	20.8	60	15.6	1956
5	78.7	25.9	86.3	30.2	93	33.9	1980	71.2	21.8	63	17.2	1956
6	78.7	25.9	86.5	30.3	94	34.4	1975	70.9	21.6	62	16.7	1976
7	78.8	26.0	87.2	30.7	93	33.9	1972*	70.5	21.4	60	15.6	1982
8	78.8	26.0	86.5	30.3	94	34.4	1963	71.1	21.7	58	14.4	1976
9	80.1	26.7	87.4	30.8	98	36.7	1963	72.9	22.7	60	15.6	1976
10	79.7	26.5	87.1	30.6	96	35.6	1982	72.4	22.4	60	15.6	1976
11	80.1	26.7	87.5	30.8	94	34.4	1964	72.6	22.6	61	16.1	1980
12	80.1	26.7	88.3	31.3	95	35.0	1980	71.9	22.2	62	16.7	1979
13	80.0	26.7	87.8	31.0	92	33.3	1978*	72.2	22.3	58	14.4	1979
14	80.9	27.2	87.9	31.1	97	36.1	1970	73.8	23.2	66	18.9	1978
15	80.9	27.2	87.7	30.9	93	33.9	1977*	74.1	23.4	68	20.0	1976*
16	80.1	26.7	87.5	30.8	97	36.1	1981	72.7	22.6	65	18.3	1969
17	80.0	26.7	87.7	30.9	99	37.2	1981	72.2	22.3	62	16.7	1969
18	80.8	27.1	88.4	31.3	98	36.7	1981	73.1	22.8	66	18.9	1961
19	80.7	27.1	88.5	31.4	96	35.6	1979*	72.9	22.7	65	18.3	1972
20	81.0	27.2	89.0	31.7	96	35.6	1979	73.0	22.8	66	18.9	1979
21	80.7	27.1	88.2	31.2	95	35.0	1964	73.2	22.9	63	17.2	1976
22	80.8	27.1	88.4	31.3	94	34.4	1982	73.2	22.9	58	14.4	1976
23	81.4	27.4	88.2	31.2	99	37.2	1978	74.7	23.7	67	19.4	1972
24	80.8	27.1	87.7	30.9	96	35.6	1978	73.8	23.2	66	18.9	1962*
25	80.9	27.2	88.3	31.3	96	35.6	1978	73.5	23.1	61	16.1	1974
26	80.7	27.1	87.9	31.1	93	33.9	1971	73.6	23.1	68	20.0	1979*
27	80.9	27.2	88.6	31.4	94	34.4	1978	73.1	22.8	63	17.2	1974
28	81.2	27.3	89.1	31.7	98	36.7	1978	73.4	23.0	63	17.2	1974
29	81.1	27.3	89.1	31.7	101	38.3	1978	73.0	22.8	66	18.9	1961
30	81.7	27.6	89.1	31.7	98	36.7	1980	74.4	23.6	67	19.4	1981*
31												
Monthly	80.0	26.7	87.6	30.9	101	38.3	1978	72.3	22.4	54	12.2	1972

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
	PENSACOLA, FLORIDA	1955-1982	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	81.4	27.4	89.1	31.7	95	35.0	1979	73.8	23.2	67	19.4	1981*
2	82.3	27.9	90.0	32.2	96	35.6	1979*	74.5	23.6	68	20.0	1976
3	82.0	27.8	89.3	31.8	95	35.0	1979	74.7	23.7	68	20.0	1961
4	81.1	27.3	88.5	31.4	96	35.6	1982*	73.7	23.2	69	20.6	1960
5	81.7	27.6	89.4	31.9	98	36.7	1975	74.1	23.4	70	21.1	1968*
6	82.2	27.9	89.3	31.8	95	35.0	1980	75.1	23.9	69	20.6	1976
7	82.1	27.8	89.2	31.8	102	38.9	1980	74.9	23.8	67	19.4	1972
8	81.7	27.6	88.9	31.6	99	37.2	1966	74.6	23.7	68	20.0	1964
9	82.2	27.9	89.5	31.9	98	36.7	1973	74.9	23.8	70	21.1	1972
10	81.4	27.4	88.7	31.5	98	36.7	1957	74.0	23.3	70	21.1	1967*
11	81.1	27.3	88.5	31.4	99	37.2	1980	73.7	23.2	67	19.4	1964*
12	82.0	27.8	89.5	31.9	103	39.4	1980	74.5	23.6	70	21.1	1963
13	81.8	27.7	88.7	31.5	102	38.9	1980	74.8	23.8	68	20.0	1972
14	82.2	27.9	89.7	32.1	104	40.0	1980	74.7	23.7	66	18.9	1967
15	82.3	27.9	89.4	31.9	101	38.3	1981	75.2	24.0	61	16.1	1967
16	82.0	27.8	89.2	31.8	100	37.8	1981	74.8	23.8	62	16.7	1967
17	82.1	27.8	89.2	31.8	98	36.7	1981	75.0	23.9	69	20.6	1969
18	81.9	27.7	89.1	31.7	100	37.8	1981	74.8	23.8	69	20.6	1967
19	82.1	27.8	88.8	31.6	96	35.6	1981	75.3	24.1	71	21.7	1982*
20	81.8	27.7	88.7	31.5	95	35.0	1975	74.9	23.8	68	20.0	1967
21	81.4	27.4	88.2	31.2	94	34.4	1962	74.6	23.7	70	21.1	1976
22	81.8	27.7	89.1	31.7	99	37.2	1981	74.5	23.6	69	20.6	1956
23	81.5	27.5	88.5	31.4	96	35.6	1976	74.4	23.6	70	21.1	1976*
24	81.2	27.3	88.1	31.2	94	34.4	1981*	74.4	23.6	66	18.9	1963
25	82.2	27.9	89.2	31.8	94	34.4	1981	75.1	23.9	70	21.1	1980*
26	82.0	27.8	89.0	31.7	98	36.7	1960	75.0	23.9	69	20.6	1963
27	82.1	27.8	89.2	31.8	98	36.7	1970	75.0	23.9	71	21.7	1976*
28	82.5	28.1	89.7	32.1	96	35.6	1968	75.4	24.1	70	21.1	1969
29	82.8	28.2	90.1	32.3	96	35.6	1981	75.6	24.2	71	21.7	1974
30	81.6	27.6	89.1	31.7	96	35.6	1981	74.2	23.4	70	21.1	1976*
31	81.7	27.6	88.6	31.4	93	33.9	1981*	74.9	23.8	69	20.6	1971
Monthly	81.9	27.7	89.1	31.7	104	40.0	1980	74.7	23.7	61	16.1	1967

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

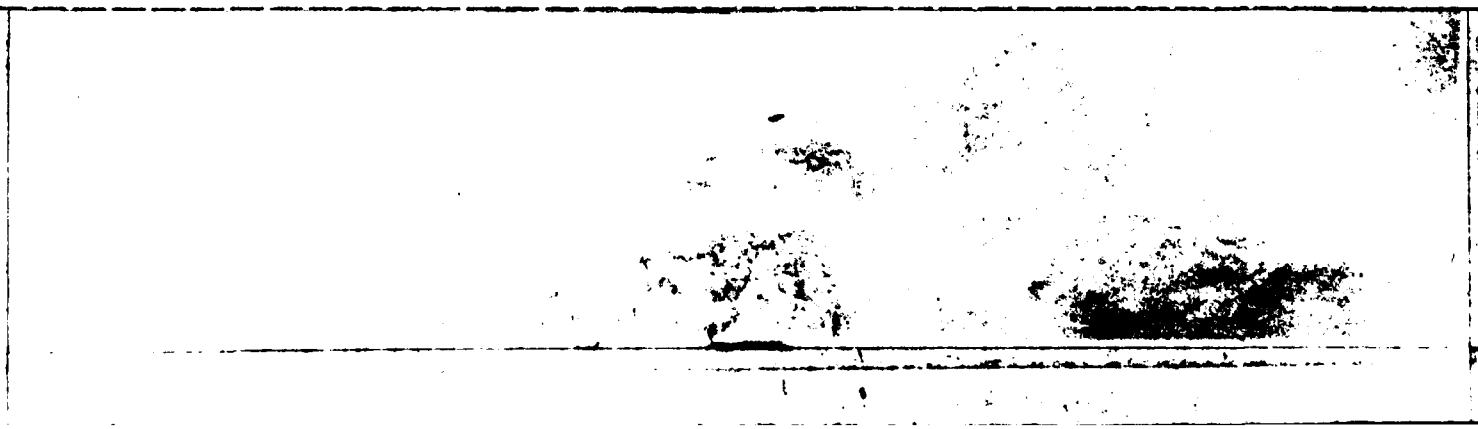
DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
	PENSACOLA, FLORIDA	1955-1982	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	82.0	27.8	89.2	31.8	94	34.4	1968*	74.8	23.8	70	21.1	1971
2	81.7	27.6	88.6	31.4	92	33.3	1979*	74.8	23.8	70	21.1	1976
3	82.0	27.8	89.5	31.9	95	35.0	1964	74.5	23.6	70	21.1	1976*
4	82.0	27.8	88.9	31.6	96	35.6	1972	75.0	23.9	69	20.6	1969
5	82.1	27.8	89.1	31.7	97	36.1	1972	75.1	23.9	70	21.1	1969
6	81.8	27.7	89.0	31.7	95	35.0	1972	74.6	23.7	70	21.1	1974*
7	82.7	28.2	89.9	32.2	100	37.8	1956	75.6	24.2	68	20.0	1974*
8	81.9	27.7	88.7	31.5	96	35.6	1972	75.2	24.0	70	21.1	1975
9	81.9	27.7	88.6	31.4	94	34.4	1981*	75.2	24.0	62	16.7	1976
10	82.0	27.8	89.1	31.7	95	35.0	1962	75.0	23.9	59	15.0	1976
11	81.5	27.5	89.0	31.7	95	35.0	1972*	74.0	23.3	61	16.1	1976
12	82.1	27.8	89.7	32.1	95	35.0	1972	74.4	23.6	62	16.7	1967
13	82.2	27.9	89.6	32.0	98	36.7	1972	74.9	23.8	68	20.0	1967
14	81.1	27.3	88.2	31.2	93	33.9	1981	73.9	23.3	68	20.0	1967
15	81.7	27.6	89.2	31.8	94	34.4	1979	74.1	23.4	68	20.0	1969
16	81.7	27.6	89.2	31.8	96	35.6	1976	74.2	23.4	65	18.3	1979
17	81.7	27.6	89.4	31.9	95	35.0	1981	74.0	23.3	70	21.1	1967
18	82.0	27.8	89.4	31.9	95	35.0	1980*	74.5	23.6	71	21.7	1973
19	81.6	27.6	89.6	32.0	97	36.1	1980*	73.6	23.1	65	18.3	1976
20	81.9	27.7	89.8	32.1	100	37.8	1972	74.0	23.3	68	20.0	1976
21	81.7	27.6	89.1	31.7	95	35.0	1978*	74.3	23.5	68	20.0	1981
22	81.1	27.3	88.6	31.4	100	37.8	1980	73.6	23.1	64	17.8	1973*
23	81.4	27.4	88.9	31.6	98	36.7	1980	74.0	23.3	67	19.4	1973
24	80.6	27.0	88.1	31.2	98	36.7	1968	73.2	22.9	67	19.4	1966
25	81.1	27.3	88.6	31.4	95	35.0	1982	73.6	23.1	67	19.4	1966
26	80.8	27.1	88.2	31.2	98	36.7	1982	73.4	23.0	67	19.4	1966
27	81.4	27.4	89.5	31.9	96	35.6	1982*	73.4	23.0	66	18.9	1958
28	81.7	27.6	89.1	31.7	95	35.0	1975	74.4	23.6	69	20.6	1968
29	81.8	27.7	89.3	31.8	95	35.0	1982*	74.2	23.4	66	20.0	1973
30	80.7	27.1	88.2	31.2	94	34.4	1976*	73.2	22.9	69	20.6	1968
31	81.1	27.3	88.5	31.4	92	33.3	1972*	73.6	23.1	68	20.0	1968
Monthly	81.6	27.6	89.0	31.7	100	37.8	1980*	74.3	23.5	59	15.0	1976

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
	PENSACOLA, FLORIDA	1955-1982	SEPTEMBER

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 DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP DATE
1	81.2	27.3	88.5	31.4	95	35.0	1975	73.8	23.2	66	18.9	1967
2	80.7	27.1	88.6	31.4	98	36.7	1975	72.8	22.7	64	17.8	1967
3	80.6	27.0	87.7	30.9	93	33.9	1975*	73.5	23.1	67	19.4	1974
4	80.6	27.0	87.1	30.6	93	33.9	1975*	74.0	23.3	63	17.2	1974
5	80.6	27.0	87.7	30.9	95	35.0	1970*	73.6	23.1	62	16.7	1974
6	80.3	26.8	86.5	30.3	94	34.4	1960	74.2	23.4	68	20.0	1967
7	80.8	27.1	87.8	31.0	94	34.4	1980	73.8	23.2	66	18.9	1974
8	80.7	27.1	88.2	31.2	95	35.0	1981	73.3	22.9	70	21.1	1965
9	79.8	26.6	86.7	30.4	97	36.1	1972	72.9	22.7	65	18.3	1957
10	79.3	26.3	86.5	30.3	95	35.0	1980	72.2	22.3	60	15.6	1976
11	78.9	26.1	86.2	30.1	93	33.9	1960	71.6	22.0	55	12.8	1976
12	79.0	26.1	86.0	30.0	94	34.4	1970	71.9	22.2	60	15.6	1969
13	78.7	25.9	86.2	30.1	91	32.9	1980*	71.3	21.8	63	17.2	1969*
14	78.1	25.6	86.1	30.1	93	33.9	1980	70.1	21.2	58	14.4	1964
15	78.4	25.8	86.1	30.1	94	34.4	1980	70.7	21.5	60	15.6	1976
16	78.1	25.6	85.1	29.5	93	33.9	1972	71.1	21.7	55	12.8	1961
17	78.2	25.7	85.1	29.5	93	33.9	1982	71.4	21.9	62	16.7	1967*
18	77.9	25.5	85.2	29.6	93	33.9	1960	70.6	21.4	54	12.2	1981
19	77.9	25.5	86.0	30.0	92	33.3	1972*	69.7	20.9	46	8.9	1981
20	78.7	25.9	86.6	30.3	92	33.3	1978*	70.7	21.5	47	8.3	1981
21	78.2	25.7	85.9	29.9	94	34.4	1960	70.5	21.4	52	11.1	1981
22	77.4	25.2	85.1	29.5	94	34.4	1978	69.6	20.9	52	11.1	1982
23	76.3	24.6	84.9	29.4	93	33.9	1978*	67.7	19.8	49	9.4	1982
24	76.5	24.7	84.6	29.2	94	34.4	1961	68.3	20.2	47	8.3	1982
25	76.5	24.7	84.8	29.3	92	33.3	1961	68.2	20.1	49	9.4	1975
26	76.6	24.8	84.2	29.0	92	33.3	1968*	69.0	20.6	50	10.0	1975
27	76.6	24.8	84.4	29.1	93	33.9	1958	68.9	20.5	49	9.4	1975
28	75.5	24.2	83.7	28.7	94	34.4	1961	67.3	19.6	52	11.1	1975
29	75.6	24.2	83.8	28.8	92	33.3	1981	67.4	19.7	46	7.8	1967
30	74.8	23.8	82.9	28.3	91	32.2	1959	66.6	19.2	51	10.6	1967
31												
Monthly	78.4	25.8	85.9	29.9	98	36.7	1975	70.9	21.6	46	7.8	1967

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
	PENSACOLA, FLORIDA	1965-1982	OCTOBER

	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	73.6	23.1	82.5	28.1	90	32.2	1971	64.8	18.2	46	8.9	1967
2	74.0	23.3	83.3	28.5	90	32.2	1971*	64.6	18.1	47	8.3	1967
3	72.9	22.7	82.1	27.8	90	32.2	1968	63.7	17.6	46	8.9	1974
4	72.7	22.6	82.2	27.9	90	32.2	1971	63.1	17.3	47	8.3	1980
5	72.5	22.5	81.1	27.3	91	32.8	1973	63.9	17.7	46	7.8	1979
6	72.4	22.4	81.2	27.3	88	31.1	1973	63.6	17.6	47	8.3	1979*
7	72.6	22.6	81.3	27.4	88	31.1	1981*	63.9	17.7	44	6.7	1964
8	72.3	22.4	81.2	27.3	89	31.7	1968	63.5	17.5	47	8.3	1964
9	72.7	22.6	82.3	27.9	87	30.6	1968*	63.1	17.3	46	8.9	1964
10	72.2	22.3	82.0	27.8	89	31.7	1982*	62.4	16.9	47	8.3	1977
11	71.6	22.0	81.0	27.2	90	32.2	1982*	62.2	16.8	44	6.7	1964
12	71.2	21.8	80.7	27.1	86	30.0	1982*	61.6	16.4	49	9.4	1977
13	71.4	21.9	80.9	27.2	89	31.7	1960	62.0	16.7	42	5.6	1980*
14	70.4	21.3	79.8	26.6	89	31.7	1972	61.1	16.2	39	3.9	1977
15	69.9	21.0	78.7	25.9	89	31.7	1972	60.9	16.1	39	3.9	1977
16	70.2	21.2	79.2	26.2	88	31.1	1960	61.1	16.2	41	5.0	1977
17	69.4	20.8	78.9	26.1	89	31.7	1972	59.9	15.5	39	3.9	1977
18	68.9	20.5	78.8	26.0	87	30.6	1972*	58.9	14.9	41	5.0	1977
19	67.2	19.6	77.4	25.2	86	30.0	1972	57.0	13.9	44	6.7	1967
20	64.7	18.2	75.1	23.9	84	28.9	1968*	54.2	12.3	36	2.2	1981
21	66.4	19.1	76.6	24.8	86	30.0	1963	56.1	13.4	41	5.0	1976
22	67.4	19.7	77.4	25.2	86	30.0	1963	57.4	14.1	41	5.0	1976
23	68.2	20.1	78.2	25.7	85	29.4	1973	58.1	14.5	46	7.8	1976
24	66.2	19.0	75.4	24.1	83	28.4	1978	57.1	13.9	39	3.9	1982
25	64.0	17.8	74.3	23.5	84	28.9	1958	53.7	12.1	34	1.1	1982
26	63.0	17.2	74.8	23.8	83	28.3	1973	51.2	10.7	37	2.8	1982
27	64.4	18.0	75.1	23.9	85	29.4	1978*	53.7	12.1	36	2.2	1982
28	64.7	18.2	74.8	23.8	88	31.1	1963	54.5	12.5	36	2.2	1957
29	64.9	18.3	73.9	23.3	85	29.4	1971	56.0	13.3	39	3.9	1968
30	66.2	19.0	74.3	23.5	82	27.8	1979*	58.2	14.6	41	5.0	1963
31	66.4	19.1	75.2	24.0	84	28.9	1961	57.7	14.3	40	4.4	1980
Monthly	69.2	20.7	78.7	25.9	91	32.8	1973	59.6	15.3	34	1.1	1982

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
	PENSACOLA, FLORIDA	1955-1982	NOVEMBER

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 DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP DATE
1	65.5	18.6	75.6	24.2	84	28.9	1972	55.4	13.0	40	4.4	1962
2	65.2	18.4	74.8	23.8	86	30.0	1972*	55.6	13.1	33	.6	1966
3	63.9	17.7	74.0	23.3	86	30.0	1973	53.7	12.1	28	-2.2	1966
4	61.6	16.4	70.7	21.5	83	28.3	1974	52.6	11.4	32	.0	1966
5	61.0	16.1	70.5	21.4	82	27.8	1959	51.5	10.8	32	.0	1976
6	60.5	15.8	70.0	21.1	78	25.6	1978*	51.0	10.6	30	-1.1	1982
7	60.7	15.9	71.6	22.0	82	27.8	1975*	49.7	9.8	29	-1.7	1959
8	60.0	15.6	69.9	21.1	81	27.2	1973	50.1	10.1	31	-.6	1976
9	60.6	15.9	69.9	21.1	82	27.8	1965	51.3	10.7	30	-1.1	1976
10	59.1	15.1	69.4	20.8	81	27.2	1975	48.7	9.3	36	2.2	1956
11	60.2	15.7	70.2	21.2	80	26.7	1975*	50.3	10.2	37	2.8	1971
12	61.4	16.3	71.4	21.9	81	27.2	1978*	51.4	10.8	33	.6	1968
13	60.5	15.8	69.7	20.9	79	26.1	1972	51.3	10.7	32	.0	1968
14	59.9	15.5	69.7	20.9	81	27.2	1973	50.2	10.1	30	-1.1	1963
15	59.4	15.2	68.4	20.2	80	26.7	1978*	50.5	10.3	30	-1.1	1969
16	61.2	16.2	70.9	21.6	81	27.2	1960	51.6	10.9	34	1.1	1975
17	61.5	16.4	70.2	21.2	81	27.2	1978	52.7	11.5	33	.6	1970
18	60.0	15.6	69.6	20.9	78	25.6	1958	50.3	10.2	31	-.6	1959
19	60.4	15.8	70.1	21.2	80	26.7	1981	50.7	10.4	36	2.2	1959
20	58.9	14.9	68.3	20.2	80	26.7	1973	49.5	9.7	33	.6	1968
21	58.4	14.7	68.5	20.3	79	25.6	1979	48.4	9.1	27	-2.8	1981
22	58.2	14.6	67.5	19.7	78	25.6	1960	48.9	9.4	28	-2.2	1981
23	58.9	14.9	68.1	20.1	78	25.6	1960*	49.6	9.8	29	-1.7	1976
24	58.5	14.7	68.0	20.0	82	27.8	1978*	49.0	9.4	24	-4.4	1970
25	57.0	13.9	67.2	19.6	80	26.7	1973	46.8	8.2	27	-2.8	1970
26	59.3	15.2	68.3	20.2	82	27.8	1973	50.4	10.2	33	.6	1977
27	60.5	15.8	70.4	21.3	81	27.2	1973	50.6	10.3	33	.6	1980
28	58.5	14.7	67.4	19.7	79	26.1	1960	49.6	9.8	32	.0	1980
29	53.5	11.9	62.5	16.9	74	23.3	1978*	44.5	6.9	28	-2.2	1955
30	52.2	11.2	62.4	16.9	79	26.1	1981	42.1	5.6	25	-3.9	1976
31												
Monthly	59.9	15.5	69.5	20.8	86	30.0	1973*	50.3	10.2	24	-4.4	1970

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

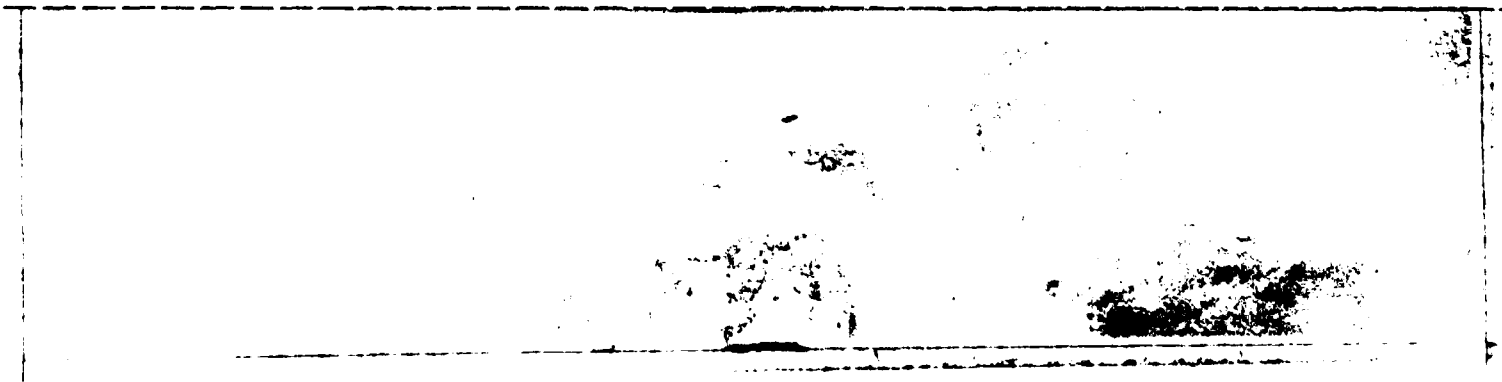
DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
	PENSACOLA, FLORIDA	1955-1982	DECEMBER

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 DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP DATE
1	52.5	11.4	62.7	17.1	79	26.1	1982	42.2	5.7	26	-3.3	1976
2	55.0	13.2	65.5	18.6	81	27.2	1982	46.1	7.8	30	-1.1	1960
3	57.2	14.0	66.9	19.4	80	26.7	1982*	47.5	8.6	30	-1.1	1976
4	56.2	13.4	66.3	19.1	78	25.6	1978	46.1	7.8	31	-.6	1979
5	55.8	13.2	66.0	18.9	77	25.0	1961*	45.6	7.6	32	.0	1974
6	56.4	13.6	65.8	18.8	78	25.6	1961	47.1	8.4	31	-.6	1962
7	55.2	12.9	64.7	18.2	77	25.0	1978	45.7	7.6	28	-2.2	1977
8	55.6	13.1	65.1	18.4	79	26.1	1978	46.1	7.8	30	-1.1	1968*
9	53.9	12.2	63.9	17.7	77	25.0	1972	44.0	6.7	29	-1.7	1968
10	52.6	11.4	61.9	16.6	80	26.7	1972	43.3	6.3	26	-3.3	1978
11	54.7	12.6	64.2	17.9	78	25.6	1961	45.2	7.3	26	-3.3	1962*
12	53.3	11.8	62.1	16.7	78	25.6	1972	44.4	6.9	11	-11.7	1962
13	53.9	12.2	62.8	17.1	78	25.6	1972	45.0	7.2	7	-13.9	1962
14	53.9	12.2	62.1	16.7	77	25.0	1972	45.7	7.6	26	-3.3	1962*
15	53.7	12.1	62.5	16.9	77	25.0	1971	44.9	7.2	24	-4.4	1963
16	53.3	11.8	62.0	16.7	77	25.0	1971	44.5	6.9	25	-3.9	1968*
17	51.8	11.0	62.0	16.7	77	25.0	1961	41.6	5.3	26	-3.3	1963
18	51.5	10.8	62.5	16.9	75	23.9	1956	40.5	4.7	24	-4.4	1979
19	54.8	12.7	64.7	18.2	75	23.9	1978	44.9	7.2	19	-7.2	1981
20	54.4	12.4	62.9	17.2	76	24.4	1978	46.0	7.8	22	-5.6	1981
21	52.4	11.3	61.5	16.4	76	24.4	1971	43.4	6.3	26	-3.3	1975*
22	52.4	11.3	61.8	16.6	79	26.1	1972	43.0	6.1	22	-5.6	1960
23	53.8	12.1	63.1	17.3	75	23.9	1970	44.6	7.0	24	-4.4	1960
24	53.7	12.1	62.3	16.8	75	23.9	1974	45.1	7.3	25	-3.9	1975*
25	52.8	11.6	60.9	16.1	74	23.3	1974	44.6	7.0	27	-2.8	1966
26	51.7	10.9	60.5	15.8	76	24.4	1982*	42.8	6.0	26	-3.3	1977
27	53.2	11.8	62.0	16.7	74	23.3	1982*	44.4	6.9	22	-5.6	1977
28	54.1	12.3	63.2	17.3	75	23.9	1971	45.0	7.2	30	-1.1	1977
29	54.4	12.4	62.4	16.9	77	25.0	1971	46.5	8.1	28	-2.2	1961
30	55.0	12.8	63.2	17.3	77	25.0	1971	46.7	8.2	31	-.6	1980*
31	54.7	12.6	62.1	16.7	77	25.0	1971	47.3	8.5	27	-2.8	1980
Monthly	54.0	12.2	63.2	17.3	81	27.2	1982	44.8	7.1	7	-13.9	1962

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

3935 (STATION) | PENSACOLA, FLORIDA (STATION NAME) | 55-87 (YEARS)

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
55						90	94	96	92	87	79	75	
56	70	72	77	78	89	91	93	100	89	88	79	75	100
57	75	75	79	79	86	90	98	92	89	82	82	69	98
58	66	70	71	85	90	92	95	95	93	86	82	77	95
59	71	74	79	82	91	94	91	95	91	88	82	71	95
60	72	70	76	82	88	92	98	94	94	89	81	75	98
61	64	78	78	81	90	90	94	94	95	86	83	78	95
62	74	75	74	80	91	88	94	95	90	87	75	71	95
63	70	72	82	84	92	96	93	95	93	89	78	70	98
64	70	66	77	86	92	95	92	95	94	82	80	76	95
65	76	73	80	81	90	92	95	92	91	81	82	75	95
66	74	68	77	81	89	94	99	94	89	89	80	73	99
67	73	74	77	86	90	94	90	95	93	86	78	76	94
68	73	73	76	80	90	94	96	98	94	90	80	71	98
69	75	76	76	84	91	97	95	92	93	88	81	73	97
70	70	72	74	85	91	97	98	94	95	89	76	79	98
71	76	74	81	83	87	94	95	94	89	90	86	77	95
72	74	76	81	85	88	93	94	100	97	89	86	80	100
73	72	72	79	82	87	92	98	92	89	91	86	73	98
74	76	77	81	81	92	94	95	90	89	86	83	75	95
75	76	80	81	85	94	94	98	95	98	87	82	76	98
76	72	77	78	83	84	93	96	96	91	85	75	69	96
77	72	73	81	84	90	93	93	90	92	88	77	76	93
78	70	67	81	84	92	101	93	95	94	89	83	80	101
79	72	76	78	84	92	96	97	94	92	89	79	75	97
80	72	72	82	87	90	98	104	100	95	90	80	76	104
81	73	81	80	88	89	99	101	95	95	89	81	76	101
82	76	76	83	82	90	96	96	98	93	90	82	81	98
MEAN	72.6	73.7	78.5	83.0	89.8	94.0	95.5	94.6	92.5	87.5	80.6	74.9	97.7
S.D.	3.261	3.606	2.860	2.473	2.149	3.012	3.024	2.778	2.531	2.531	2.959	3.231	2.536
TOTAL OBS.	837	763	837	810	837	840	868	868	840	868	840	868	10076

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

3-[illegible]5 (STATION) | PENSACOLA, FLORIDA (STATION NAME) | 55-67 (YEARS)

WHOLE DEGREES FAHRENHEIT
/BASED ON LESS THAN FULL MONTHS/

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
5					89 79								MAX TEMP DAYS
MEAN													
S. D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

[illegible] / STATION | PENSACOLA, FLORIDA / STATION NAME | 55-82 / YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]5						65	72	71	69	45	28	25	
56	30	37	34	46	54	58	69	64	60	53	31	36	[illegible]
57	25	42	37	43	53	70	72	70	60	36	34	21	21
58	24	21	38	45	52	65	71	66	61	48	32	27	21
[illegible]9	26	33	41	42	61	70	70	71	67	50	29	32	[illegible]
[illegible]0	24	27	25	44	44	63	69	70	65	46	37	22	22
[illegible]1	22	31	39	44	50	64	67	67	55	47	34	28	22
[illegible]2	11	32	28	39	56	65	68	67	60	44	34	7	7
63	9	28	39	50	56	66	66	70	55	41	30	24	[illegible]
64	21	25	39	45	54	62	67	71	56	41	34	29	21
65	21	28	35	51	52	67	71	70	58	40	34	29	21
66	9	27	30	44	54	59	71	67	62	49	28	27	9
67	29	27	39	53	54	67	61	62	46	43	31	28	[illegible]
68	26	29	30	46	51	65	70	66	66	39	32	25	25
69	24	34	33	49	52	61	69	68	58	52	30	33	24
70	20	19	34	47	51	64	70	70	56	55	24	29	19
71	25	25	32	37	47	65	69	70	62	46	36	41	25
72	21	29	39	45	56	54	67	72	56	49	39	28	21
73	26	27	40	38	54	68	72	64	59	43	41	25	25
74	46	25	43	44	58	61	69	68	58	48	38	30	25
75	27	31	37	39	64	67	71	70	49	44	29	21	21
76	21	23	31	41	50	56	68	69	55	41	25	26	21
77	13	24	31	45	57	64	73	71	70	39	33	22	13
78	22	26	27	44	57	66	72	70	66	42	47	26	22
79	20	22	32	43	45	58	71	65	62	45	26	24	20
80	29	25	21	46	54	61	70	69	65	38	32	27	21
81	15	22	31	42	48	67	67	72	47	36	27	19	15
82	18	31	30	42	51	60	71	71	47	34	30	27	18
MEAN	22.0	27.8	33.9	44.3	53.1	63.6	69.4	68.5	59.0	44.1	32.4	26.4	20.[illegible]
S.D.	7.889	6.071	5.352	3.841	4.444	3.910	2.465	3.175	6.429	5.326	4.938	5.989	5.9[illegible]
TOTAL OBS.	837	763	837	810	837	840	868	868	840	868	840	868	10[illegible]6

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

[illegible] STATION | PENSACOLA, FLORIDA STATION NAME | 55-82 YEARS

WHOLE DEGREES FAHRENHEIT
/BASED ON LESS THAN FULL MONTHS/

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]5					44 29								MIN TEMP DAYS
MEAN													
S. D.													
TOTAL OBS.													

SMOS

PSYCHROMETRIC SUMMARY

3[illegible]5 | PENSACOLA, FLORIDA | 73-82 | JAN

STATION | STATION NAME | YEARS | MONTH

PAGE 1

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
76/ 75				.2	.0													7	7		
74/ 73			.2	.2														10	10		
72/ 71		.2	.7	.2	.1	.0	.0			.1								32	32	5	
70/ 69	.1	.9	.7	.3	.1	.1	.1	.0										58	58	19	7
68/ 67	.2	1.8	1.3	.4	.4	.2	.1	.1	.0	.0								113	113	78	30
66/ 65	.7	1.9	1.4	.4	.3	.3	.3	.1	.0									132	132	80	93
64/ 63	1.1	3.5	1.4	.6	.6	.3	.2	.1			.0							192	192	120	99
62/ 61	.5	2.4	1.0	.9	.2	.2	.1	.0	.1	.0								139	139	137	103
60/ 59	.2	1.7	1.4	.6	.5	.2	.2	.1	.1									123	123	129	117
58/ 57	.1	1.9	1.3	.7	.7	.2	.2	.1	.0									130	130	99	90
56/ 55	.4	1.4	.9	.6	.4	.5	.3	.2	.1									114	114	129	102
54/ 53	.4	1.3	1.0	1.2	.3	.3	.2	.1										117	117	116	109
52/ 51	.4	.9	1.1	.7	.7	.4	.2	.2										115	115	103	101
50/ 49	.4	1.0	1.5	.8	.5	.4	.0	.2										120	120	98	79
48/ 47	.3	1.2	.8	.4	.7	.3	.2											100	100	128	75
46/ 45	.2	.7	1.4	1.0	.6	.3	.2											110	110	113	96
44/ 43	.2	.7	1.7	1.0	.9	.5	.2											128	128	104	99
42/ 41		.7	1.1	1.0	.8	.4	.1											102	102	90	86
40/ 39	.2	1.1	1.2	1.5	.7	.4	.0											125	125	125	89
38/ 37		1.0	1.2	.9	.5	.0												91	91	104	77
36/ 35		.9	1.4	1.1	.5	.0												98	98	128	89
34/ 33	.2	.9	1.6	1.0	.4	.0												98	98	128	89
32/ 31	.1	.9	1.5	.8	.0													82	82	102	86
30/ 29		.4	1.0	.6	.1													52	52	115	80
28/ 27	.0	.4	1.0	.2	.0													41	41	84	98
26/ 25		.2	.3	.1														16	16	57	89
24/ 23		.2	.3															12	12	37	94
22/ 21		.1	.3															10	10	22	82
20/ 19		.0	.1															4	4	13	54
18/ 17		.0	.0															2	2	5	44
16/ 15		.0	.0															2	2	3	71
14/ 13		.1	.1															4	4	3	48
12/ 11			.0															1	1	3	39
10/ 9																				1	30

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

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PSYCHROMETRIC SUMMARY

03255	PENSACOLA, FLORIDA	73-82	JAN
STATION	STATION NAME	YEARS	MONTH

PAGE 2
HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
[illegible] 7																				1	14
5/ 8																					2
4/ 3																					5
2/ 1																					3
2/- 1																					1
- 2/- 3																					5
-4 /- 5																					2
- 6/- 7																					1
TOTAL	5.6	2 .2	28.8	17.6	13.1	5.3	2.7	1.1	.4	.2	.0							2480	2480	2480	2480

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	13572[illegible]69	177231	71.5	19.121	248[illegible]							
Dry Bulb	6682[illegible]56	124898	50.4	12.588	248[illegible]		67.8	66.0	5.1			744.0
Wet Bulb	5700684	114448	46.1	13.002	248[illegible]		133.5	30.3				744.0
Dew Point	4761577	100585	40.6	16.586	2480	2.7	256.8	11.1				744.0

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PSYCHROMETRIC SUMMARY

03[illegible]5 PENSACOLA, FLORIDA 73-82 FEB

STATION STATION NAME YEARS MONTH

PAGE 1

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
[illegible] 79											.1							2	2		
78/ 77			.1	.0							.0							4	4		
76/ 75			.3	.1	.0	.0	.0	.0	.0									15	15		
74/ 73		.1	.1	.1	.1	.1	.2	.0	.0	.0	.1							23	23	4	
72/ 71		.3	.8	.1	.2	.3	.2	.1	.0		.0							44	44	12	7
70/ 69		1.6	1.1	.4	.5	.5	.1	.2		.0	.0							104	104	28	22
68/ 67	.1	1.4	.8	.6	.2	.3	.2	.1	.1	.0	.0							89	89	65	42
66/ 65	.1	2.1	1.3	1.0	.4	.4	.3	.0	.1									131	131	62	56
64/ 63	.1	2.3	1.0	.5	.7	.5	.2	.0	.0	.0								124	124	90	58
62/ 61		2.0	1.5	1.1	.8	.4	.2	.3	.2									146	146	123	69
60/ 59	.2	1.6	2.0	1.2	.4	.7	.5	.1	.0									151	151	109	98
58/ 57	.1	1.6	2.0	.8	.7	.4	.3	.2										138	138	126	94
56/ 55		1.7	1.6	1.3	.5	.7	.5	.3										155	155	143	97
54/ 53		1.1	1.3	1.0	.7	.4	.1	.0										104	104	150	108
52/ 51		1.4	1.3	.7	.8	.5	.4	.2										118	118	108	116
50/ 49		1.2	1.5	.9	.9	.5	.4	.0										125	125	126	123
48/ 47	.2	1.5	.8	1.[illegible]	.5	.3	.1											100	100	127	101
46/ 45	.2	1.5	1.2	1.0	.8	.5	.1											122	122	127	119
44/ 43	.3	.7	1.3	1.2	.4	.2	.0											94	94	133	102
42/ 41	.2	1.0	1.5	.9	.5	.3												101	101	98	101
40/ 39	.1	.8	1.2	1.0	.4	.3												85	85	126	80
38/ 37		1.4	.8	.4	.4	.0												69	69	115	92
36/ 35	.2	.7	1.1	.6	.2													64	64	93	113
34/ 33	.3	.3	.8	.6	.0													43	43	82	105
32/ 31	.3	.6	1.0	.2														48	48	58	103
30/ 29	.0	.3	.7	.2														27	27	61	73
28/ 27	.1	.2	.4	.0														17	17	40	71
26/ 25	.0	.1	.2															8	8	27	76
24/ 23		.2																4	4	18	55
22/ 21			.1															1	1	4	39
20/ 19																				1	35
18/ 17																					37
16/ 15																					24
14/ 13																					24

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤0 F	≤32 F	≤67 F	≤73 F	≤88 F	≤93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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PSYCHROMETRIC SUMMARY

03455	PENSACOLA, FLORIDA	73-82	FEB
STATION	STATION NAME	YEARS	MONTH

PAGE 2
HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31			Dry Bulb	Wet Bulb	Dew Point
17/ 11																						17
10/ 9																						7
07/ 7																						
TOTAL	2.6	27.9	24.0	17.1	10.3	7.5	3.9	1.5	.6	.2	.4									2256		2254
																			2256		2256	

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.	12158946	160532	71.2	18.064	2256							
Dry Bulb	6660000	119800	53.1	11.501	2256		31.3	83.7	13.1	.6		672.0
Wet Bulb	5580126	109232	48.4	11.365	2256		62.3	32.5	1.2			672.0
Dew Point	4634814	97192	43.1	14.089	2254		167.7	21.1	.3			672.0

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PSYCHROMETRIC SUMMARY

.3865 — STATION
PENSACOLA, FLORIDA — STATION NAME
73-82 — YEARS
MAR — MONTH
PAGE 1 — HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 81						.1		.[illegible]										3	3		
80 / 79			.0	.2	.2	.1	.0				.1	.0		.0				19	19		
78 / 77			.4	.2	.4	.0	.1	.0	.0									29	29		
76 / 75		.0	.6	.5	.3	.2	.2	.1	.1	.1								55	55	1	
74 / 73		.6	1.0	1.0	.8	.3	.2	.1	.2		.0	.0						105	105	30	[illegible]
72 / 71	.2	1.7	1.6	1.0	.5	.4	.2	.1	.2	.1								147	147	59	40
70 / 69	.3	2.5	2.1	1.2	.6	.5	.4	.3	.1	.1	.1							219	219	116	101
68 / 67	.3	3.4	3.7	1.0	.7	.7	.2	.2	.1	.2	.0							265	265	172	89
66 / 65	.4	2.5	3.7	1.2	1.2	.6	.3	.1	.3	.2								261	261	199	170
64 / 63	.2	3.3	1.9	1.5	.9	.9	.3	.4	.2	.1								239	239	207	136
62 / 61	.2	1.9	1.2	1.5	1.3	.6	.5	.4	.2									197	197	225	205
60 / 59	.0	1.7	1.1	.8	.6	.7	.4	.3	.0									141	141	170	191
58 / 57	.0	1.6	1.4	.7	.5	.8	.4	.2	.1									144	144	180	137
56 / 55		1.0	.6	.7	.8	.5	.3	.2										103	103	166	141
54 / 53	.0	.8	.8	1.1	.4	.4	.2	.1										97	97	126	114
52 / 51		1.1	.8	.6	.3	.6	.1											86	86	118	122
50 / 49	.0	.6	.8	.5	.4	.2	.0											63	63	137	107
48 / 47	.1	.4	.3	.6	.6	.3												70	70	119	108
46 / 45	.0	.4	.3	.3	.1	.1												46	46	86	95
44 / 43		.6	1.3	.5	.2													58	58	92	80
42 / 41	.0	.2	1.1	.1	.1	.0												40	40	72	98
40 / 39	.0	.6	.7	.1	.1	.0												39	39	58	71
38 / 37		.2	.3	.1	.0													17	17	65	75
36 / 35		.0	.3	.0														9	9	28	86
34 / 33		.1	.2		.0	.0												9	9	16	71
32 / 31		.1	.1		.0													7	7	11	57
30 / 29			.2		.0													6	6	11	49
28 / 27				.0														1	1	2	37
26 / 25			.1	.0														3	3	7	33
24 / 23			.0															1	1	1	22
22 / 21			.0															1	1	4	18
20 / 19																				2	6
18 / 17																					2
16 / 15																					1

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

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

3[illegible]5 | PENSACOLA, FLORIDA | 73-82 | MAR

STATION | STATION NAME | YEARS | MONTH

PAGE 2

HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] 13																					
1 / 11																					1
[illegible] 9																					
/ 7																					
5/ 5																					
/ 1																					1
TOTAL	3.5	25.6	27.6	15.6	11.3	8.4	3.7	2.7	1.6	.6	.3	.1		.0				2480	24[illegible]	2480	248[illegible]

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.	13930577	180443	72.8	17.982	248[illegible]							
Dry Bulb	9548[illegible]18	151934	61.3	9.773	248[illegible]		5.7	252.6	69.3	3.6		744.0
Wet Bulb	[illegible]077129	139315	56.2	10.06[illegible]	248[illegible]		11.4	113.4	9.3			744.0
Dew Point	6799184	127792	51.5	12.925	2480		71.4	70.5	5.4			744.0

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

03[illegible]5 | PENSACOLA, FLORIDA | 73-92 | APR

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
[illegible]/ 87											.0							1	1		
86/ 85						.0			.0				.0					3	3		
84/ 83				.2			.0	.0	.1			.0	.0					11	11		
[illegible]/ 81			.1	.2	.1	.0	.1	.1	.0	.1	.1			.0				23	23		
[illegible]/ 79			.2	.5	.2	.5	.2	.3	.1	.2	.2	.1						62	62		
7[illegible]/ 77		.2	.5	.6	1.3	.6	.8	.5	.3	.2	.2							125	125	7	
76/ 75		.3	.7	2.0	2.1	1.2	.7	.7	.4	.2	.2							203	203	23	5
74/ 73		1.3	1.9	2.9	1.2	1.2	.8	.6	.7	.4	.0	.1						265	265	40	27
[illegible]/ 71	.0	1.0	3.2	3.1	2.1	.9	.9	.6	.6	.2	.1							306	306	104	55
7[illegible]/ 69		1.2	3.7	2.3	1.8	.9	.9	.4	.4	.2								285	285	176	77
68/ 67	.0	.6	2.5	1.4	1.1	1.1	.6	.5	.1	.1								191	191	282	134
66/ 65	.0	1.0	2.2	1.2	.8	.7	.7	.2	.1									169	169	245	197
64/ 63	.2	1.3	1.8	1.3	.7	.7	.2	.2	.2	.0								134	134	242	204
62/ 61	.1	1.2	1.6	1.1	.6	.4	.2	.2	.1									133	133	227	201
[illegible]/ 59	.2	.7	2.0	.7	.3	.2	.2	.1	.0									110	110	183	211
[illegible]/ 57		.5	1.7	1.0	.6	.2	.2											102	102	202	151
56/ 55		.9	.8	.5	.5	.4	.0											74	74	172	162
54/ 53		.5	1.2	.6	.2	.2	.0											67	67	144	134
52/ 51		.4	1.0	.3	.2	.1	.0											51	51	84	167
5[illegible]/ 49		.2	.5	.2	.2													28	28	86	115
48/ 47		.1	.5	.3	.0													22	22	76	111
46/ 45		.2	.3	.3	.1													23	23	39	103
44/ 43		.2	.1	.0														6	6	27	85
42/ 41			.0	.1														3	3	25	68
40/ 39		.0																1	1	11	51
38/ 37																				4	31
36/ 35																				1	37
34/ 33																					29
32/ 31																					19
30/ 29																					17
28/ 27																					4
26/ 25																					1
24/ 19																					1

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

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PSYCHROMETRIC SUMMARY

[illegible] | PENSACOLA, FLORIDA | 73-92 | APR
STATION | STATION NAME | YEARS | MONTH

PAGE 2
HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
[illegible]	.[illegible]	17.0	25.7	21.0	14.1	9.4	6.8	4.5	3.2	1.7	.7	.2	.1	.0				2400	2400	2400	2400

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.	12067065	165391	68.9	16.705	2400							
Dry Bulb	11038532	161612	67.3	5.060	2400			442.5	207.9	20.7		720.0
Wet Bulb	8998422	145420	60.5	7.602	2400			189.6	21.0			720.0
Dew Point	7717144	134022	55.8	9.855	2400		12.6	90.3	13.5			720.0

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PSYCHROMETRIC SUMMARY

3[illegible]5 | PENSACOLA, FLORIDA | 73-82 | MAY

STATION | STATION NAME | YEARS | MONTH

PAGE 1

HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 91								.1	.0	.1	.0		.0					8	8		
[illegible] / 89						.0	.2	.2	.0	.0	.0	.0						14	14		
[illegible] / 87						.2	.5	.3	.2	.1		.0						31	31		
[illegible] / 85				.0	.4	1.4	.8	.2	.2	.1	.1	.1	.0					62	62		
[illegible] / 83				.4	1.5	1.9	1.0	.6	.0	.4	.1	.0	.0					147	147		
[illegible] / 81		.1	.3	1.2	1.5	1.5	1.3	.2	.3	.2	.2		.0					172	172		
[illegible] / 79		.2	.6	2.0	2.5	2.1	.7	.5	.5	.2	.1	.1						234	234	11	4
79 / 77		1.0	2.1	2.5	2.8	1.4	.9	.5	.5	.2	.0	.1						300	300	63	7
[illegible] / 75		1.5	2.9	3.1	1.8	.8	.5	.6	.2	.2	.1							287	287	175	46
74 / 73	.0	2.2	3.9	3.5	1.2	1.0	.7	.5	.2	.1	.0							307	307	311	148
[illegible] / 71	.1	2.2	3.9	2.1	1.2	.4	.4	.1	.3	.1								242	242	335	230
[illegible] / 69	.1	2.4	3.5	1.6	.6	.3	.3	.1										220	220	363	333
[illegible] / 67	.2	1.2	1.8	1.0	.5	.2	.1	.1										127	127	331	326
[illegible] / 65		1.0	1.3	1.0	.5	.3	.1											102	102	256	293
[illegible] / 63	.1	.7	.8	.7	.2	.4	.1	.0										74	74	184	234
[illegible] / 61		.3	.6	.4	.5	.1	.1											49	49	137	187
[illegible] / 59		.2	.7	.3	.1	.1												36	36	101	129
[illegible] / 57		.1	.3	.2		.1												17	17	72	125
[illegible] / 55		.1	.4	.0	.0													15	15	62	88
[illegible] / 53		.0	.2	.2														9	9	39	59
[illegible] / 51		.0	.1	.0														4	4	18	62
[illegible] / 49			.0	.0														2	2	12	60
[illegible] / 47																				7	53
[illegible] / 45				.1														1	1	1	27
[illegible] / 43																				1	10
[illegible] / 41																				1	19
[illegible] / 39																					6
[illegible] / 37																					6
[illegible] / 35																					7
TOTAL	.6	17.3	21.4	20.3	15.3	12.0	7.7	4.1	2.5	1.6	.7	.4	.2						2480		2480
																		2480		2480	

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.	13252132	177240	71.5	15.962	248[illegible]							
Dry Bulb	13836174	184464	74.4	6.829	248[illegible]			651.3	474.6	172.2		744.0
Wet Bulb	11452311	167875	67.7	5.978	248[illegible]			476.7	168.0	.6		744.0
Dew Point	10243268	158246	63.8	7.668	248[illegible]			328.2	94.8	1.2		744.0

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PSYCHROMETRIC SUMMARY

23[illegible]5	PENSACOLA, FLORIDA	73-82	JUN
STATION	STATION NAME	YEARS	MONTH

PAGE 1

HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
[illegible] 97								.[illegible]			.0							2	2		
[illegible]6/ 95									.1	.1	.0							6	6		
[illegible]4/ 93							.2	.2	.2	.0	.2	.0	.1					21	21		
[illegible]2/ 91						.3	.6	.3	.4	.3	.1		.0					49	49		
[illegible]0/ 89				.0	.[illegible]	1.[illegible]	1.9	1.[illegible]	.6	.2	.1		.0					140	140		
[illegible]8/ 87				.1	1.0	3.[illegible]	3.4	1.[illegible]	.5	.1	.2	.1						231	231		
[illegible]6/ 85		.1		.4	3.1	4.5	2.2	.9	.5	.3	.2	.1						295	295		
[illegible]4/ 83		.2	.3	2.2	3.0	2.4	1.4	.4	.2	.3	.[illegible]	.0						252	252	5	[illegible]
[illegible]2/ 81		.[illegible]	1.9	3.1	3.6	1.5	.6	.3	.1	.0								272	272	37	4
[illegible]0/ 79		.5	3.3	4.7	2.[illegible]	.8	.3	.2	.2									286	286	127	12
[illegible]8/ 77		1.2	3.6	2.5	1.2	.2	.[illegible]	.1										212	212	340	85
[illegible]6/ 75	.0	1.3	3.2	2.2	.8	.4	.2	.[illegible]										199	199	474	258
[illegible]4/ 73	.1	1.6	3.[illegible]	2.2	.3	.2	.1	.[illegible]										181	181	512	394
[illegible]2/ 71	.2	1.[illegible]	2.2	.8	.4	.2	.2	.[illegible]										119	119	307	461
[illegible]0/ 69		.5	1.1	.7	.2		.[illegible]											63	63	201	407
[illegible]8/ 67		.2	.6	.4	.1	.1												35	35	161	259
[illegible]6/ 65		.2	.3	.3	.[illegible]	.[illegible]												21	21	80	174
[illegible]4/ 63		.0	.1	.2	.0	.1												10	10	60	106
[illegible]2/ 61		.[illegible]	.[illegible]	.1														4	4	23	80
[illegible]0/ 59		.0		.0														2	2	19	49
[illegible]8/ 57																				10	29
[illegible]6/ 55																				1	40
[illegible]4/ 53																				3	19
[illegible]2/ 51																					1[illegible]
[illegible]0/ 49																					[illegible]
[illegible]8/ 47																					0
[illegible]6/ 45																					[illegible]
TOTAL	.4	6.[illegible]	19.7	20.0	16.1	14.[illegible]	11.1	5.3	2.9	1.4	1.0	.3	.2						2400		2400
																		2400		2400	

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.	1741515[illegible]	169624	70.7	13.33[illegible]	24[illegible]			708.9	643.8	426.3	8.7	720.0
Dry Bulb	15694483	193507	80.6	8.206	2400			661.2	460.5	22.8		720.0
Wet Bulb	12.87575	175549	73.1	4.424	240[illegible]			564.6	303.9	5.4		720.0
Dew Point	11706831	167135	69.6	5.309	240[illegible]							

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PSYCHROMETRIC SUMMARY

3-75 | PENSACOLA, FLORIDA | 73-82 | JUL

STATION | STATION NAME | YEARS | MONTH

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
[illegible]												.1						2	2		
100/ 99									.0	.0	.2							6	6		
[illegible]									.1	.2	.1							9	9		
96/ 95								.0	.0	.2	.0	.0						8	8		
[illegible]							.2	.5	.4	.2								31	31		
[illegible]						.7	1.8	1.1	.2	.1								96	96		
[illegible]				.0	.6	2.9	3.3	1.3	.1									204	204		
88/ 87			.1	.2	1.9	4.9	2.3	.1	.1		.0							236	236		
[illegible]	.3	.1	.3	.7	5.2	4.6	.5	.1										272	272	1	1
[illegible]		.1	1.0	4.0	3.7	.7	.1											239	239	8	3
[illegible]		.3	3.2	5.3	1.6	.1	.1											264	264	72	6
[illegible]	.1	1.5	6.2	4.4	.6	.2												323	323	339	38
77/ 77	.0	3.8	6.8	2.4	.2	.0												331	331	641	202
76/ 75	.1	4.0	5.1	1.4	.2													266	266	614	536
[illegible]	.3	2.9	1.6	.4	.1													131	131	470	757
72/ 71	.0	.3	.5	.2														46	46	223	548
[illegible]		.3	.2	.1														15	15	72	250
[illegible]			.0															1	1	31	77
[illegible]																				6	42
[illegible]																				3	19
[illegible]																					3
[illegible]																					1
[illegible]																					1
TOTAL	.9	13.8	25.4	19.1	14.2	13.5	8.2	3.1	1.0	.6	.3	.1							2480		2480
																		2480		2480	

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.	14814083	188049	75.8	11.96[illegible]	248[illegible]			744.0	725.4	463.5	16.8	744.0
Dry Bulb	16731790	203228	81.9	5.606	2480			744.0	725.4	463.5	16.8	744.0
Wet Bulb	14243139	187801	75.7	2.957	2480			741.3	643.5	64.8		744.0
Dew Point	13288442	181394	73.1	2.895	2480			724.2	558.6	14.4		744.0

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PSYCHROMETRIC SUMMARY

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

PAGE 1

HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
[illegible] 99														.0				1	1		
[illegible] 95								.	.0	.0	.0							4	4		
[illegible] 93							.1	.[illegible]		.1								13	13		
[illegible] 91						.4	1.2	.[illegible]	.4	.1	.0							66	66		
[illegible] 89				.[illegible]	.6	2.1	1.6	1.2	.2	.1	.[illegible]	.0						148	148		
[illegible] 87			.0	.4	2.7	4.2	2.4	.2	.0	.1								251	251		
[illegible] 85			.2	.8	4.6	3.7	.7	.3	.1		.0							257	257		
[illegible] 83		.1	.8	3.[illegible]	4.[illegible]	1.[illegible]	.2	.[illegible]	.0	.0								249	249	6	1
[illegible] 81	.[illegible]	.4	2.4	4.3	2.1	.3	.2	.2	.1									249	249	69	7
[illegible] 79		1.7	4.5	4.2	1.0	.2	.0		.0									289	289	265	42
[illegible] 77		4.7	[illegible].8	1.9	.4	.0												317	317	580	195
[illegible] 75	.4	[illegible].1	3.4	1.7	.2		.1											296	296	605	492
[illegible] 73	.4	4.1	3.[illegible]	.6	.[illegible]													201	201	516	662
[illegible] 71	.4	1.8	1.3	.6		.1												104	104	262	565
[illegible] 69	.1	.3	.2	.[illegible]	.1													17	17	129	307
[illegible] 67	.1	.1	.[illegible]	.[illegible]	.[illegible]													8	8	62	113
[illegible]67 65		.1	.[illegible]	.1														6	6	10	81
[illegible]47 63				.[illegible]														1	1	7	21
[illegible]27 61			.[illegible]	.1														3	3	8	15
[illegible]7 59																				[illegible]	5
[illegible]7 57																				1	[illegible]
5[illegible]7 55																				[illegible]	15
[illegible]47 53																					[illegible]
[illegible]7 51																					[illegible]
[illegible]	1.4	[illegible].4	21.7	[illegible].1	[illegible].[illegible]	[illegible].[illegible]	6.5	2.7	1.0	.4	.2	.0		.[illegible]				2480		2480	[illegible].[illegible]

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.	1[illegible]153[illegible]56	191334	[illegible]7.2	12.566	248[illegible]							
Dry Bulb	16290306	200503	[illegible]0.9	[illegible].653	248[illegible]			741.0	702.3	413.1	5.4	[illegible]44.[illegible]
Wet Bulb	1[illegible]96383	186119	[illegible]5.0	3.392	248[illegible]			735.0	599.1	59.7		[illegible]44.[illegible]
Dew Point	1[illegible]92978	179970	[illegible]2.6	[illegible].63[illegible]	2480			701.1	512.4	15.0		[illegible]48.[illegible]

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PSYCHROMETRIC SUMMARY

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

PAGE [illegible] HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
[illegible] 97											.0							1	1		
94 / 95								.1	.2		.0	.0						3	8		
[illegible] 91					.0	.0	.2	.2	.1	.1	.0		.0					20	20		
[illegible] 89				.0	.1	.4	1.3	.7	.3	.0	.1							75	75		
86 / 87			.0	.1	.8	2.6	1.6	.2	.2	.1	.1							139	139		
84 / 85			.1	.4	2.9	1.7	.7	.5	.4	.0	.1							166	166		
82 / 83		.0	.3	3.0	2.7	1.8	.8	.3	.2	.0	.0							222	222	9	1
[illegible] 81		.1	2.1	4.5	2.2	.7	.3	.3	.1	.1								259	259	17	4
[illegible] 79		.7	3.9	1.8	1.2	.9	.3	.2	.2	.2								226	226	98	9
76 / 77		2.9	3.9	1.9	1.0	.4	.6	.0	.1									252	262	372	65
74 / 75	.1	3.5	4.6	1.7	.8	.4	.2	.1	.1	.1								281	281	429	314
72 / 73	.1	3.7	3.8	1.2	.5	.3	.2	.1	.0	.0								243	243	394	448
70 / 71	.1	2.5	2.4	1.5	.3	.2	.0	.1	.0									160	160	331	377
68 / 69	.2	.9	1.6	.0	.2	.2												96	96	211	341
[illegible] 67	.0	.3	.3	.7	.4	.2	.1	.1										62	62	152	207
64 / 65	.1	.5	1.1	.6	.1	.1	.0											62	62	176	133
62 / 63	.1	.5	.5	.1	.1	.1												30	30	83	101
60 / 61	.1	.2	.5	.2	.0	.1												22	22	69	102
58 / 59	.1	.2	.5	.2	.0													22	22	41	87
[illegible] 57	.0		.3	.0	.1													11	11	32	28
54 / 55		.1	.1	.1														7	7	21	51
[illegible] 53		.1	.1	.2														9	9	13	45
[illegible] 51		.2	.2															9	9	9	35
[illegible] 49		.2	.1															7	7	15	18
[illegible] 47			.0															1	1	5	11
46 / 45																				3	17
[illegible] 43																					11
[illegible] 41																					1
TOTAL	1.0	11.5	27.3	18.7	13.7	10.2	6.5	2.3	1.9	.7	.5	.3	.0					2400	2400	2440	2403

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.	14244517	182035	75.8	13.805	2400							
Dry Bulb	14047172	186010	77.5	7.373	2400			666.0	570.6	301.5	2.7	720.0
Wet Bulb	13410053	171967	71.7	6.761	2400			600.0	391.8	13.8		720.0
Dew Point	11462751	165037	68.8	6.893	2400			528.6	312.3	4.2		720.0

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PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]	PENSACOLA, FLORIDA	73-82	OCT

PAGE 1

HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 89								.1	.1									4	4		
88 / 87				.0	.0		.3	.2	.1		.1	.0						18	18		
[illegible] / 85					.2	.4	.3	.2	.2	.0			.1					39	39		
84 / 83			.2	.2	.6	.6	.5	.1	.1	.2	.1	.1	.0					69	69		
[illegible] / 81			.1	.7	.9	.6	.7	.3	.3	.2	.2							100	100	1	
[illegible] / 79		.0	.2	1.1	1.4	1.0	.6	.4	.2	.2	.2	.1						134	134	6	1
78 / 77		.2	1.1	1.8	1.1	.8	.4	.3	.5	.2	.2	.0						167	167	19	5
76 / 75		.5	1.8	1.8	1.2	.7	.4	.3	.3	.4	.1							190	190	72	17
74 / 73		.8	1.3	1.3	1.0	1.3	.5	.8	.6	.3								198	198	162	53
72 / 71	.0	1.0	1.5	1.7	1.2	.6	.7	.4	.3	.1	.0							189	189	183	129
[illegible] / 69	.0	1.0	1.7	1.0	1.6	.6	.6	.5	.4	.3								194	194	173	154
[illegible] / 67		.8	1.7	1.2	.8	.3	.9	.3	.2	.0								159	159	171	165
66 / 65	.0	1.3	2.1	1.0	.4	.7	.4	.4	.2									164	164	137	150
64 / 63		2.1	1.1	1.0	.7	.6	.4	.2										150	150	196	155
62 / 61		1.6	1.8	.8	.8	.5	.4	.1										149	149	220	175
[illegible] / 59	.1	1.0	1.4	.7	.6	.6	.2											115	115	193	174
[illegible] / 57	.1	.6	1.2	.8	.5	.2		.0										86	86	172	168
56 / 55	.0	.5	.8	1.1	.8	.2												84	84	148	144
54 / 53	.0	.3	1.0	.5	.6	.2												67	67	125	124
52 / 51	.1	.3	1.0	.6	.3	.0												59	59	109	109
[illegible] / 49		.3	1.0	.6	.1													49	49	92	107
[illegible] / 47		.3	.6	.4														33	33	83	130
[illegible] / 45		.2	.5	.2														20	20	57	107
44 / 43	.1	.2	.5	.0														19	19	46	101
[illegible] / 41		.1	.3															10	10	25	79
[illegible] / 39		.2	.2															10	10	17	83
[illegible] / 37		.0	.1															4	4	15	59
[illegible] / 35																				4	53
[illegible] / 33																				1	30
[illegible] / 31																					15
[illegible] / 29																					2
[illegible] / 27																					1
TOTAL	.0	13.6	23.3	18.6	15.1	10.3	7.3	4.7	3.5	1.9	.9	.2	.2					2480	2480		2480
																				2480	

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.	12395778	17422	68.7	16.618	248[illegible]							
Dry Bulb	11712546	16866[illegible]4	63.0	10.743	248[illegible]			438.3	275.7	90.6		744.0
Wet Bulb	9497539	151845	61.2	8.991	248[illegible]			236.1	78.0	.6		744.0
Dew Point	7167961	139823	56.4	10.716	248[illegible]		5.4	156.0	36.9	.3		744.0

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PSYCHROMETRIC SUMMARY

[illegible] 5 — STATION
PENSACOLA, FLORIDA — STATION NAME
73-92 — YEARS
NOV — MONTH
PAGE 1 — HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
[illegible] 85										.0								1	1		
[illegible] 83						.1			.0									2	2		
[illegible] 81				.1	.0	.0			.2		.1							11	11		
[illegible] 79			.1	.2	.6	.2		.1	.1									33	33		
[illegible] 77		.0	.2	.5	.7	.1	.2	.1	.1	.0	.0							49	49	1	1
[illegible] 75		.1	1.0	.9	.9	.7	.3	.0	.1	.0	.0							98	98	6	1
[illegible] 73		.5	2.0	1.7	.5	.5	.3	.2	.3	.0								144	144	20	6
[illegible] 71	.1	.5	2.2	1.0	1.0	.7	.5	.3		.3								165	165	89	30
[illegible] 69	.0	1.5	3.2	1.1	.5	.5	.2	.2	.4	.1	.0							187	187	123	69
[illegible] 67	.5	2.1	2.2	.7	.5	.4	.1	.2	.1	.1								168	168	175	130
[illegible] 65	.3	1.8	2.0	1.0	.7	.4	.5	.3	.1	.0								171	171	186	162
[illegible] 63	.1	1.6	1.0	.7	.7	.5	.4	.2	.3									132	132	170	164
[illegible] 61	.1	1.0	1.1	1.1	.8	.5	.4	.3	.1	.1								134	134	145	131
[illegible] 59	.0	1.3	1.1	1.1	.6	.5	.4	.5	.1									132	132	110	115
[illegible] 57		1.1	1.5	.7	.5	.5	.5	.1	.0									118	118	128	109
[illegible] 55	.0	.9	1.8	1.4	.7	.5	.2	.3										141	141	118	101
[illegible] 53	.0	1.0	1.7	.7	.6	.4	.2											114	114	150	111
[illegible] 51	.2	.6	1.4	.8	.9	.4	.1	.1										106	106	146	106
[illegible] 49	.1	.5	2.0	.4	.7	.4	.1											102	102	131	127
[illegible] 47	.1	.5	.9	.7	.4	.2												68	68	123	106
[illegible] 45		.7	.9	1.0	.5	.2												80	80	112	114
[illegible] 43		.2	.7	.6	.5	.0												51	51	102	96
[illegible] 41	.1	.2	1.0	.7	.2													53	53	78	85
[illegible] 39	.0	.3	.9	.3	.1													38	38	71	89
[illegible] 37	.0	.3	.5	.2														34	34	68	70
[illegible] 35		.3	.7	.2														29	29	45	79
[illegible] 33		.2	.3	.1														14	14	41	97
[illegible] 31	.0	.3	.2	.0														14	14	29	67
[illegible] 29		.2	.1															7	7	16	69
[illegible] 27		.0	.0															2	2	9	50
[illegible] 25		.1																2	2	5	43
[illegible] 23																				2	24
[illegible] 21																					24
[illegible] 19																					12

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

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]	PENSACOLA, FLORIDA	73-82	NOV

HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
1 / 17																					
16/ 15																					
TOTAL	1.8	17.1	31.2	18.2	12.6	7.7	4.5	2.9	1.9	.8	.2							2400	2400	2400	2400

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.	12761727	177159	70.9	17.051	2400							
Dry Bulb	2062597	144949	60.4	11.337	2400		7.5	257.4	101.4	9.0		720.0
Wet Bulb	2545989	131937	55.0	11.044	2400		18.0	124.2	8.1			720.0
Dew Point	6441662	120106	50.0	13.404	2400		90.3	71.1	6.3			720.0

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]	PENSACOLA, FLORIDA	73-82	DEC

PAGE 1

HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
[illegible] 79				.1														2	2		
79/ 77			.1	.2														8	8		
76/ 75			.2	.3					.0									14	14		
74/ 73		.5	.9	.4	.2	.1	.0											52	52	11	
72/ 71		.5	.7	.5	.6	.2												58	58	34	16
70/ 69	.2	.6	1.5	.6	.3	.2	.0	.0										87	87	39	46
68/ 67	.3	.6	2.6	.6	.4	.2	.3	.1	.2	.1	.1							135	135	64	34
66/ 65	.3	1.4	2.0	1.0	.6	.2	.1	.1	.1	.1								145	145	89	68
64/ 63	.2	1.7	1.1	1.1	.4	.3	.1	.2	.3	.0								139	139	139	69
62/ 61	.2	1.6	1.1	1.4	.9	.3	.5	.4	.2									160	160	99	126
60/ 59	.2	1.6	1.5	.9	.5	.3	.3	.3	.0									137	137	120	101
58/ 57	.2	1.2	1.3	.7	.6	.3	.3	.1										118	118	134	97
56/ 55	.2	1.7	1.3	1.0	.5	.7	.3	.3	.0									149	149	115	105
54/ 53	.1	.5	1.3	1.1	.4	.3	.3	.2										107	107	137	100
52/ 51	.1	1.6	1.7	.6	.6	.5	.2	.1										140	140	103	109
50/ 49	.2	1.6	1.6	1.4	.6	.2	.2											144	144	144	121
48/ 47	.0	1.2	1.4	.9	.8	.6	.2											125	125	159	95
46/ 45	.2	1.3	1.3	1.1	1.0	.5	.2											133	133	140	107
44/ 43	.1	.8	1.5	1.1	.6	.2	.1											108	108	140	125
42/ 41	.2	.4	1.8	1.0	.5	.2												102	102	110	85
40/ 39	.1	.6	1.5	.7	.4	.2												81	81	140	91
38/ 37	.2	.5	1.3	.6	.4	.0												75	75	115	94
36/ 35	.2	.9	1.1	.6	.0													73	73	105	120
34/ 33	.1	.9	1.3	.4	.1													68	68	92	95
32/ 31	.2	.7	.9	.3	.0													52	52	86	108
30/ 29		.4	.4	.1														23	23	64	114
28/ 27	.1	.2	.4	.1														19	19	42	98
26/ 25	.0	.1	.2															9	9	26	82
24/ 23		.1	.1															4	4	13	70
22/ 21			.1															2	2	6	61
20/ 19		.0																1	1	4	33
18/ 17																				1	32
16/ 15																					34
14/ 13																					7

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

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

[illegible] | PENSACOLA, FLORIDA | 73-82 | DEC
STATION | STATION NAME | YEARS | MONTH

PAGE 2
HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
127 11																					14
107 9																					15
67 7																					1
67 5																					1
TOTAL	3.5	23.2	32.3	19.1	10.4	5.3	3.2	1.8	.9	.2	.1							2470	2470	2470	2470

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.	133601504	176432	71.5	17.465	2469							
Dry Bulb	341240	131454	53.2	11.824	2471		33.1	107.2	22.9			744.0
Wet Bulb	6179640	129062	48.6	11.797	2471		72.9	44.6	3.3			744.0
Dew Point	5169110	107150	43.4	14.524	2470		200.6	28.9	.3			744.0

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
03[illegible]5	PENSACOLA, FLORIDA	73-82	ALL

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
1[illegible]/101												.0						2	2		
100/ 99									.0	.0	.0			.0				7	7		
98/ 97								.0	.0	.0	.0							12	12		
96/ 95								.0	.0	.0	.0	.0						18	18		
94/ 93							.0	.1	.1	.0	.0	.0	.0					73	73		
92/ 91					.0	.1	.3	.2	.1	.1	.0		.0					239	239		
90/ 89				.0	.1	.6	.7	.4	.1	.0	.0	.0	.0					585	585		
88/ 87			.0	.1	.5	1.2	.9	.2	.1	.0	.0	.0						907	907		
86/ 85	.0	.0	.0	.2	1.4	1.9	.4	.2	.1	.0	.0	.0	.0					1115	1115	1	1
84/ 83		.0	.2	1.1	1.3	.7	.3	.1	.1	.1	.0	.0	.0					1191	1191	24	7
82/ 81	.0	.1	.9	1.7	1.0	.4	.3	.1	.1	.0	.0		.0	.0				1353	1353	188	21
80/ 79	.0	.4	1.6	1.6	.8	.5	.2	.2	.1	.1	.1	.0		.0				1610	1610	846	106
78/ 77	.0	1.2	2.1	1.2	.8	.3	.3	.1	.1	.1	.0	.0						1804	1804	2023	564
76/ 75	.1	1.5	2.0	1.3	.7	.4	.2	.2	.1	.1	.0							1911	1911	2398	1665
74/ 73	.1	1.5	1.8	1.3	.5	.4	.3	.2	.2	.1	.0	.0						1860	1860	2466	2505
72/ 71	.1	1.1	1.7	1.0	.6	.3	.3	.1	.1	.1	.0							1612	1612	1944	2418
70/ 69	.1	1.2	1.7	.9	.5	.3	.2	.2	.1	.1	.0							1545	1545	1649	2109
68/ 67	.1	1.0	1.5	.7	.4	.3	.2	.1	.1	.1	.0							1353	1353	1744	1595
66/ 65	.2	1.1	1.5	.7	.4	.3	.2	.1	.1	.0								1364	1364	1506	1616
64/ 63	.2	1.4	.8	.6	.4	.4	.2	.1	.1	.0	.0							1225	1225	1500	1366
62/ 61	.1	1.0	.9	.7	.5	.3	.2	.1	.1	.0								1136	1136	1413	1396
60/ 59	.1	.8	1.0	.5	.3	.3	.2	.1	.0									969	969	1177	1273
58/ 57	.1	.7	.9	.5	.4	.2	.2	.1	.0									864	864	1156	1055
56/ 55	.1	.7	.7	.5	.4	.3	.1	.1	.0									842	842	1077	1046
54/ 53	.1	.5	.7	.5	.3	.2	.1	.0										691	691	1006	927
52/ 51	.1	.5	.7	.4	.3	.2	.1	.0										688	688	800	937
50/ 49	.1	.5	.7	.4	.3	.1	.1	.0										640	640	841	859
48/ 47	.1	.4	.5	.4	.3	.1	.0											519	519	830	794
46/ 45	.1	.4	.5	.4	.2	.1	.0											535	535	678	779
44/ 43	.1	.3	.6	.4	.2	.1	.0											466	466	647	709
42/ 41	.0	.2	.6	.3	.2	.1	.0											411	411	499	627
40/ 39	.0	.3	.5	.3	.1	.1	.0											379	379	548	554
38/ 37	.0	.3	.4	.2	.1	.0												290	290	486	498
36/ 35	.0	.2	.4	.2	.1	.0												273	273	404	584

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

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

03855	PENSACOLA, FLORIDA	73-82	ALL
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
34/ 33	.0	.2	.3	.2	.0	.1												232	232	360	316
32/ 31	.1	.2	.3	.1	.0													203	203	285	455
30/ 29	.0	.1	.2	.1	.0													115	115	267	403
28/ 27	.0	.1	.2	.0	.0													80	80	177	359
26/ 25	.0	.0	.1	.0														38	38	122	328
24/ 23		.0	.0															21	21	71	265
22/ 21		.0	.0															14	14	36	224
20/ 19		.0	.0															5	5	20	141
18/ 17		.0	.0															2	2	6	121
16/ 15		.0	.0															2	2	3	134
14/ 13		.0	.0															4	4	3	81
12/ 11			.0															1	1	3	71
10/ 9																				1	50
8/ 7																				1	20
6/ 5																					17
4/ 3																					6
2/ 1																					4
0/- 1																					1
- 2/- 3																					2
- 4/- 5																					2
- 6/- 7																					1
TOTAL	1.7	19.2	26.0	18.6	13.3	9.7	6.0	3.1	1.8	.9	.4	.1	.1	.0					29206		29206
																		29206		29206	

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.	15[illegible]925504	2105892	72.2	16.175	29205							
Dry Bulb	139142614	1975968	67.5	14.489	29206		145.4	5158.9	3806.1	1901.1	33.6	8760.0
Wet Bulb	116568995	1801972	61.7	13.584	29206		298.4	3984.9	2383.8	162.3		8760.0
Dew Point	103685742	1674452	57.5	15.729	29206	2.7	804.8	3295.7	1849.7	40.5		8760.0

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MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

03455 (STATION) PENSACOLA, FLORIDA (STATION NAME) 73-82 (YEARS)

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
0	MEAN	47.8	49.5	57.7	63.1	69.8	75.8	78.2	76.9	73.7	63.4	56.4	49.8	63.6
	S. D.	12.742	10.951	9.950	7.280	5.670	4.439	3.227	3.292	6.368	9.189	11.177	12.096	13.851
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
	MEAN	46.3	48.2	56.6	61.6	68.4	74.8	77.0	75.8	72.5	62.0	55.2	48.8	62.3
	S. D.	13.110	11.531	10.516	7.970	6.043	4.650	3.299	3.400	6.368	9.519	11.417	12.527	14.120
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
	MEAN	45.3	46.9	55.7	61.1	69.5	75.9	77.6	75.6	71.7	60.6	54.5	47.8	61.9
	S. D.	13.356	12.133	10.994	8.366	5.759	4.422	3.007	3.240	6.412	9.618	11.680	12.884	14.689
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	308	3650
	MEAN	49.9	53.5	62.9	70.3	77.7	84.3	85.3	83.9	80.3	70.8	62.4	53.6	69.6
	S. D.	11.968	11.008	8.415	6.041	4.989	3.697	4.555	4.024	5.769	7.500	9.596	10.621	14.676
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
1	MEAN	55.9	59.5	67.1	73.7	80.5	87.0	87.6	86.8	84.0	76.3	67.9	59.7	73.9
	S. D.	11.200	10.266	7.416	5.361	4.641	3.772	4.859	4.162	5.417	6.862	8.782	9.281	13.292
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
	MEAN	57.1	60.5	67.2	73.8	80.2	86.3	86.8	86.4	83.8	76.7	68.2	60.6	74.0
2	S. D.	11.096	9.083	6.857	4.631	4.491	3.965	4.464	3.877	4.946	5.924	7.807	8.278	12.390
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
	MEAN	51.8	55.4	63.2	69.9	76.7	82.9	83.6	82.9	79.1	69.3	60.9	54.0	69.2
3	S. D.	10.725	8.585	6.676	4.243	3.900	3.295	3.756	3.346	4.775	7.200	9.341	9.744	13.281
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	308	3650
	MEAN	49.0	51.2	59.8	65.3	72.4	78.0	79.6	78.6	75.1	65.0	57.7	51.4	65.3
21	S. D.	12.003	9.955	8.606	6.128	4.548	3.669	3.254	3.169	5.920	8.683	10.724	11.354	13.521
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	308	3650
ALL HOURS	MEAN	50.4	53.1	61.3	67.3	74.4	80.6	81.9	80.9	77.5	68.0	60.4	53.2	67.5
	S. D.	12.598	11.501	9.773	8.060	6.829	6.207	5.606	5.654	7.379	10.041	11.337	11.825	14.490
	TOTAL OBS	2430	2256	2480	2400	2480	2400	2480	2480	2400	2480	2400	2470	29206

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

[illegible] PENSACOLA, FLORIDA 73-82

STATION STATION NAME YEARS

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
[illegible]	MEAN	44.6	46.3	54.2	58.7	65.5	71.0	74.1	73.2	70.0	58.9	52.5	46.5	59.7
	S. D.	13.327	11.467	10.617	7.855	6.348	4.460	2.691	3.034	6.326	9.193	11.352	12.311	13.798
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
	MEAN	43.5	45.4	53.4	57.6	64.8	70.5	73.6	72.9	69.3	58.1	51.7	45.7	58.9
	S. D.	13.664	11.820	11.059	8.331	6.474	4.755	2.734	3.225	6.339	9.457	11.464	12.627	14.093
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
	MEAN	42.7	44.3	52.6	57.5	65.2	72.0	74.5	73.1	69.9	57.2	51.3	45.1	58.9
	S. D.	13.838	12.192	11.450	8.554	6.183	4.445	2.467	3.176	6.451	9.608	11.771	12.883	14.669
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	308	3650
	MEAN	46.3	49.2	57.6	62.6	69.4	75.1	77.3	77.0	73.6	63.3	56.9	49.6	63.2
	S. D.	12.856	11.596	9.774	7.148	5.511	3.763	2.517	2.850	5.458	8.030	10.353	11.209	13.653
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
1	MEAN	49.5	52.1	59.2	63.7	70.2	75.6	77.9	77.5	74.5	65.2	59.2	52.5	64.9
	S. D.	12.012	10.571	8.669	6.444	5.075	3.567	2.490	2.491	4.922	7.432	9.510	10.140	12.482
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
	MEAN	50.7	52.7	59.4	63.8	71.1	75.4	77.5	77.2	74.2	65.4	59.4	52.9	64.9
	S. D.	11.321	9.736	8.068	5.949	4.830	3.470	2.380	2.521	4.543	6.966	8.936	9.554	11.937
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
	MEAN	47.1	49.9	57.4	62.2	68.7	73.8	76.2	75.6	72.2	62.0	55.3	49.1	62.5
	S. D.	12.052	9.756	8.338	5.698	4.812	3.241	2.301	2.540	5.107	7.967	10.299	10.865	12.821
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	308	3650
	MEAN	45.8	47.4	55.7	60.0	67.0	71.9	74.7	73.9	70.5	59.7	53.5	47.5	60.7
	S. D.	12.394	10.679	9.739	7.132	5.545	3.986	2.463	2.789	6.078	8.852	11.095	11.841	13.406
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	308	3650
ALL HOURS	MEAN	46.1	48.4	56.2	60.8	67.7	73.1	75.7	75.0	71.7	61.2	55.0	48.6	61.7
	S. D.	13.302	11.365	10.063	7.602	5.978	4.425	2.957	3.392	6.061	8.991	11.046	11.798	13.585
	TOTAL OBS	2480	2256	2480	2400	2480	2400	2480	2480	2400	2480	2400	2470	29206

NAVWEASERVCOM

MEANS AND STANDARD DEVIATIONS

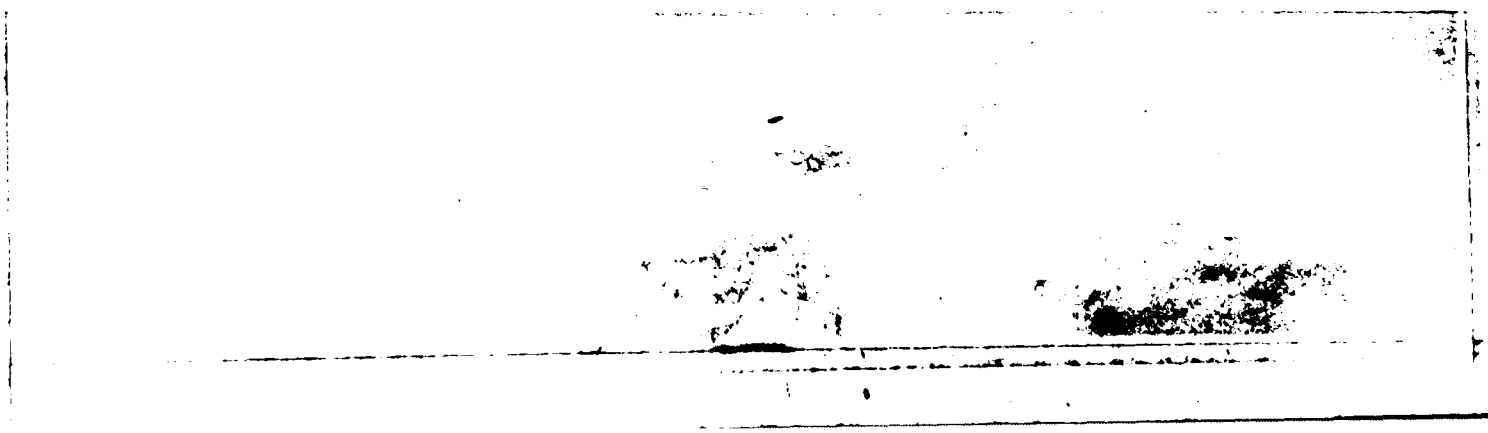
DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

[illegible] PENSACOLA, FLORIDA 73-82

STATION STATION NAME YEARS

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
[illegible]	MEAN	[illegible]	42.3	[illegible]	55.3	62.[illegible]	68.6	72.3	71.6	68.1	55.5	48.7	42.4	56.6
	S. D.	[illegible]	13.772	12.821	9.419	7.704	5.270	2.958	3.546	6.983	[illegible]	13.201	14.545	15.6[illegible]
	TOTAL OBS	310	282	31[illegible]	300	310	300	310	310	300	310	300	310	3652
	MEAN	39.3	41.8	5[illegible].2	54.4	62.5	68.4	72.1	71.5	67.6	55.2	48.4	42.[illegible]	56.7
	S. D.	16.417	13.878	12.988	9.756	7.614	5.357	2.945	3.663	6.923	[illegible].577	13.022	14.637	15.733
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
	MEAN	39.9	40.9	49.6	54.6	63.[illegible]	70.0	73.2	71.9	67.5	54.5	48.2	41.7	56.3
	S. D.	16.362	14.[illegible]62	13.355	9.873	7.297	5.117	2.659	3.662	6.981	[illegible].616	13.230	14.594	16.210
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	308	3650
	MEAN	41.4	44.2	52.7	56.9	64.[illegible]	70.8	74.[illegible]	74.2	70.4	58.1	52.[illegible]	45.1	58.8
	S. D.	16.425	14.647	13.246	[illegible].482	7.916	5.290	2.789	3.391	6.576	[illegible].349	13.250	13.848	15.701
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
	MEAN	42.0	44.2	52.4	56.5	64.4	70.4	73.9	73.6	70.0	57.8	51.9	45.0	58.6
	S. D.	16.640	14.571	13.189	[illegible].487	8.109	5.526	3.111	3.469	6.866	[illegible].008	13.676	14.520	15.748
	TOTAL OBS	310	292	310	300	310	300	310	310	300	310	300	309	3651
	MEAN	41.[illegible]	44.6	52.6	56.7	64.5	70.4	73.8	73.4	69.7	57.6	51.7	44.[illegible]	58.5
	S. D.	16.942	14.293	12.634	[illegible].015	7.738	5.314	2.767	3.435	6.483	[illegible].010	13.573	14.547	15.570
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
	MEAN	40.[illegible]	43.6	52.[illegible]	56.4	64.1	69.6	73.2	72.5	68.7	56.6	50.1	43.2	57.6
	S. D.	[illegible].746	13.819	12.4[illegible]2	9.192	7.4[illegible]7	4.927	2.570	3.463	6.653	[illegible].535	13.464	14.641	15.551
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	308	3650
	MEAN	40.2	43.0	51.[illegible]	55.9	63.7	68.9	72.6	71.8	68.1	55.7	49.4	42.9	57.1
	S. D.	[illegible].508	13.377	12.514	9.313	7.328	5.146	2.701	3.475	7.079	[illegible].535	13.288	14.551	15.469
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	308	3650
ALL HOURS	MEAN	40.6	43.1	51.5	55.8	63.8	69.6	73.1	72.6	68.8	56.4	50.0	43.4	57.5
	S. D.	[illegible].547	14.089	12.926	9.856	7.669	5.309	2.896	3.638	6.891	[illegible].717	13.405	14.525	15.730
	TOTAL OBS	24[illegible]	2256	2480	2400	2480	2400	2480	2480	2400	2480	2400	2470	29206

NAVWEASERVCOM



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
[illegible]	PENSACOLA, FLORIDA	73-[illegible]	JAN

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%		
JAN	01	100.0	100.0	100.0	98.7	91.9	79.4	66.5	45.2	15.8	75.7	310
	04	100.0	100.0	100.0	98.4	94.8	86.2	68.7	49.7	21.0	77.8	310
	07	100.0	100.0	100.0	100.0	95.2	86.1	71.0	51.9	21.9	78.9	31[illegible]
	10	100.0	100.0	99.7	96.8	88.7	76.1	60.6	42.6	20.0	74.4	31[illegible]
	13	100.0	99.4	94.2	82.6	66.5	54.2	39.4	24.5	6.8	62.7	310
	16	100.0	98.7	87.4	78.4	64.2	51.6	41.0	24.8	6.8	60.9	310
	19	100.0	100.0	98.1	89.4	78.7	64.5	49.7	35.5	13.3	66.1	310
	22	100.0	100.0	100.0	95.8	88.4	74.5	58.4	39.7	17.4	73.2	310
TOTALS		100.0	99.8	97.4	92.5	83.8	71.5	56.7	39.3	15.0	71.5	2479

OCEANAV–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

[illegible] PENSACOLA, FLORIDA [illegible] [illegible]

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%		
[illegible]	[illegible]	100.0	100.0	100.0	98.9	95.7	86.5	70.9	46.8	17.6	77.3	[illegible]
	[illegible]	100.0	100.0	100.0	99.3	96.[illegible]	89.4	77.[illegible]	53.5	14.9	79.4	282
	[illegible]	100.0	100.0	100.0	99.6	97.[illegible]	90.8	79.4	56.7	14.9	80.3	[illegible]
	[illegible]	100.0	100.0	100.0	96.8	90.1	74.5	55.3	36.2	12.1	72.2	282
	12	[illegible]	99.6	98.[illegible]	[illegible]	[illegible]	83.3	63.5	20.[illegible]	4.3	55.7	282
	1	100.0	99.3	91.1	79.4	61.[illegible]	44.3	33.3	21.3	3.5	58.6	282
	[illegible]	100.0	100.0	96.[illegible]	90.1	71.[illegible]	62.[illegible]	46.1	27.7	5.7	66.7	282
	[illegible]	100.0	100.0	100.0	98.6	91.1	83.3	64.2	[illegible].1	9.9	74.8	282
TOTALS		100.0	99.9	97.7	93.2	84.9	71.8	57.8	37.9	12.1	71.2	2256

OCEANAV–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
[illegible]	PENSACOLA, FLORIDA	73-82	[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%		
[illegible]	[illegible]	100.0	100.0	100.0	98.7	94.[illegible]	90.0	76.8	55.5	14.5	78.8	310
	[illegible]	100.0	100.0	100.0	99.7	95.[illegible]	91.0	79.4	59.0	17.4	80.2	310
	[illegible]	100.0	100.0	100.0	99.7	96.[illegible]	93.2	81.3	65.0	16.8	80.8	310
	[illegible]	100.0	100.0	99.7	93.2	83.[illegible]	73.5	54.5	39.7	13.5	71.6	31[illegible]
	1[illegible]	100.0	99.7	92.6	82.6	72.[illegible]	53.5	38.1	22.3	[illegible].9	62.3	31
	1[illegible]	100.[illegible]	99.3	92.6	82.6	70.[illegible]	55.2	39.4	23.2	[illegible].2	62.7	310
	[illegible]	100.0	100.0	97.4	92.6	81.3	69.7	54.6	34.6	7.4	69.3	310
	[illegible]	100.0	100.0	99.4	97.7	92.6	83.9	69.4	48.4	11.9	76.3	31[illegible]
TOTALS		100.0	99.8	97.6	93.4	85.[illegible]	76.3	61.7	42.9	11.[illegible]	72.8	2400

OCEANAV–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

3 5 PENSACOLA, FLORIDA 73-82 AP

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%		
		100.0	100.0	100.0	100.0	98.3	89.7	74.1	44.8	7.3	76.4	
		100.0	100.0	100.0	100.0	98.3	91.7	80.0	49.3	7.0	78.1	
		100.0	100.0	100.0	99.7	98.7	94.7	82.0	58.0	8.0	79.8	
		100.0	100.0	98.3	91.7	75.0	62.0	42.3	13.7	2.0	64.7	
		100.0	99.3	93.7	80.3	64.7	44.7	27.3	7.0	2.0	57.5	
		100.0	99.7	93.7	80.7	65.3	47.0	24.3	9.7	1.7	57.7	
		100.0	99.7	98.3	91.0	79.7	59.7	41.7	19.0	1.7	64.4	
		100.0	100.0	100.0	98.0	93.7	84.3	67.7	32.7	4.3	72.8	
TOTALS		100.0	99.8	97.9	92.7	83.9	71.7	54.0	29.6	4.1	68.9	

OCEANAV-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

3[illegible] [illegible]ACOLA, FL[illegible]DA | 7[illegible] | MAY

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%		
MAY	[illegible]	100.0	100.0	100.0	100.0	99.[illegible]	93.2	82.6	50.0	10.3	79.2	31[illegible]
	[illegible]	100.0	100.0	100.0	100.0	99.[illegible]	97.1	67.7	61.0	16.5	81.8	31[illegible]
	[illegible]	100.0	100.0	100.0	100.0	99.[illegible]	94.8	68.4	65.5	18.4	82.6	31[illegible]
	[illegible]	100.0	100.0	100.0	93.5	85.[illegible]	67.7	37.7	13.9	2.3	65.6	31[illegible]
	1[illegible]	100.0	100.0	96.5	88.1	76.1	49.7	22.9	9.0	1.3	59.9	31[illegible]
	1[illegible]	100.0	99.7	97.1	90.3	79.[illegible]	55.2	23.9	9.0	1.3	61.3	31[illegible]
	[illegible]	100.0	100.0	98.4	94.5	86.5	71.6	44.5	14.5	2.9	66.7	31[illegible]
	[illegible]1	100.0	100.0	100.0	99.4	96.5	89.7	68.7	34.2	6.1	74.9	31[illegible]
TOTALS		100.0	100.0	99.0	95.7	90.[illegible]	77.4	57.1	32.1	7.4	71.5	2[illegible]

OCEANAV–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
[illegible]	PENSACOLA, FLORIDA	73-82	JUN

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	[illegible]	100.0	100.0	100.0	100.0	99.7	97.0	87.7	43.0	4.7	78.7	300
	[illegible]	100.0	100.0	100.0	100.0	100.0	98.3	91.7	55.3	5.7	80.7	300
	[illegible]	100.0	100.0	100.0	100.0	100.0	98.7	93.7	61.3	15.3	82.4	300
	[illegible]	100.0	100.0	100.0	99.0	90.0	67.7	22.3	9.7	3.7	64.8	300
	[illegible]	100.0	100.0	99.3	92.0	78.3	51.0	12.0	2.7	1.0	59.0	300
	[illegible]	100.0	100.0	98.3	95.3	80.7	58.7	14.3	4.3	1.0	60.2	300
	[illegible]	100.0	100.0	99.3	97.3	92.3	71.0	29.0	7.0	1.0	65.2	300
	[illegible]	100.0	100.0	100.0	100.0	98.0	93.3	71.0	25.3	3.0	74.4	300
TOTALS		100.0	100.0	99.6	98.0	92.4	78.5	52.7	26.1	4.4	70.7	2400

OCEANAV—SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

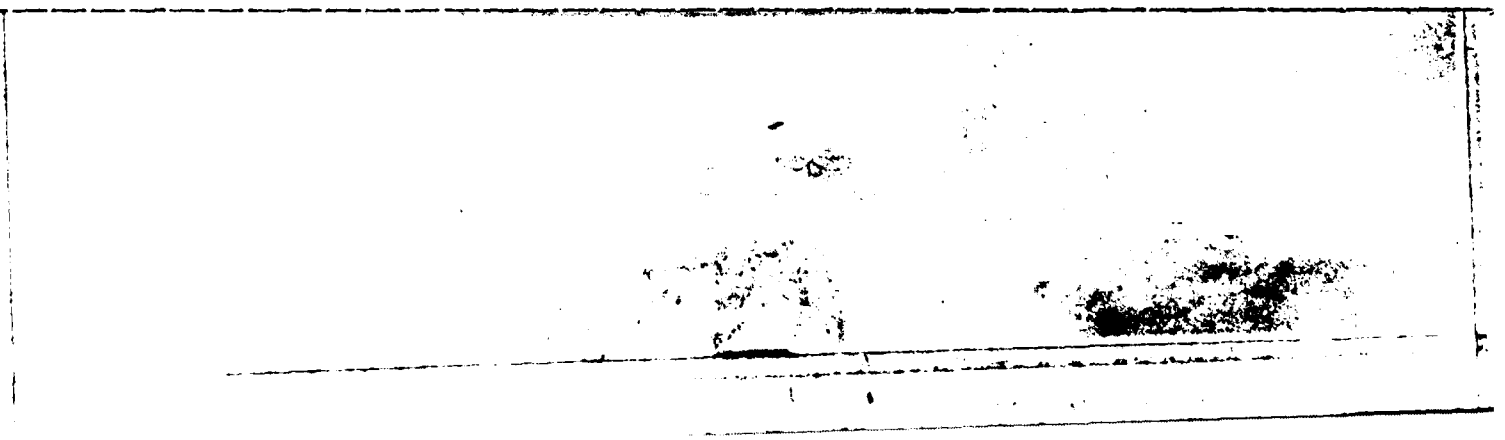
RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
[illegible]	PENSACOLA, FLORIDA	73-82	JUL

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	[illegible]	100.0	100.0	100.0	100.0	100.0	100.0	98.1	63.5	9.7	82.6	310
	[illegible]	100.0	100.0	100.0	100.0	100.0	100.0	99.0	79.4	20.0	85.3	310
	[illegible]	100.0	100.0	100.0	100.0	100.0	99.7	99.7	85.2	30.0	86.8	310
	[illegible]	100.0	100.0	100.0	100.0	98.1	84.6	38.1	15.5	6.1	69.9	310
	1[illegible]	100.0	100.0	100.0	98.7	91.0	66.1	24.2	10.3	4.5	65.0	310
	1	100.0	100.0	100.0	99.4	96.1	71.0	24.5	9.7	3.2	66.1	310
	1[illegible]	100.0	100.0	100.0	100.0	99.4	94.2	46.1	16.5	3.5	71.5	310
	[illegible]	100.0	100.0	100.0	100.0	100.0	100.0	90.0	37.4	9.4	79.4	310
TOTALS		100.0	100.0	100.0	99.8	98.2	89.5	65.0	39.7	18.7	75.8	2480

OCEANAV-SMOS



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
[illegible]	PENSACOLA, FLORIDA	73-82	AUG

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	[illegible]	100.0	100.0	100.0	100.0	99.7	99.0	96.1	71.9	19.4	84.2	310
	[illegible]	100.0	100.0	100.0	100.0	100.0	99.7	97.7	79.0	35.5	86.9	310
	[illegible]	100.0	100.0	100.0	100.0	100.0	100.0	98.4	87.7	45.8	88.8	310
	[illegible]	100.0	100.0	100.0	100.0	99.7	91.3	57.1	20.3	6.0	73.3	310
	[illegible]	100.0	100.0	100.0	99.0	92.4	70.3	26.7	10.0	4.8	65.9	310
	[illegible]	100.0	100.0	99.7	98.7	94.8	75.5	25.8	6.8	3.5	66.1	310
	[illegible]	100.0	100.0	100.0	99.4	98.1	92.3	58.6	15.2	4.8	71.7	310
	[illegible]	100.0	100.0	100.0	100.0	99.4	97.4	91.3	49.0	9.0	80.2	310
TOTALS		100.0	100.0	100.0	99.6	98.0	90.7	68.2	42.5	16.2	77.1	2480

OCEANAV–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
[illegible]	PENSACOLA, FLORIDA	73-[illegible]	SEP

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]	100.0	100.0	100.0	100.0	100.0	98.7	92.7	66.7	16.3	83.0	300
		100.0	100.0	100.0	100.0	99.7	99.7	95.0	75.3	21.7	85.0	300
		100.0	100.0	100.0	100.0	100.0	100.0	97.7	83.0	29.3	86.9	300
		100.0	100.0	100.0	99.7	97.0	88.0	57.0	23.3	7.3	72.8	300
	12	100.0	100.0	99.3	94.3	84.0	63.0	31.7	12.0	4.3	64.3	300
	13	100.0	100.0	99.7	94.0	85.3	64.0	30.3	10.0	2.7	64.0	300
	14	100.0	100.0	100.0	99.7	94.7	83.7	55.3	20.7	3.0	71.4	300
	15	100.0	100.0	100.0	100.0	99.3	96.3	84.7	50.0	9.7	79.5	300
TOTALS		100.0	100.0	99.9	98.5	95.0	86.7	68.1	42.6	11.8	75.9	7450

OCEANAV–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

3255 PENSACOLA, FLORIDA 73-[illegible] OCT

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	[illegible]	100.0	100.0	100.0	99.7	96.5	86.8	74.2	42.9	5.5	76.5	310
	[illegible]	100.0	100.0	100.0	100.0	99.0	93.9	80.3	49.7	11.0	79.2	310
	[illegible]	100.0	100.0	100.0	100.0	99.4	95.8	84.8	58.4	14.2	81.0	310
	[illegible]	100.0	100.0	100.0	97.7	82.9	64.2	39.4	15.5	3.5	65.7	310
	[illegible]	100.0	100.0	94.5	75.8	58.7	36.8	19.4	7.1	[illegible].3	55.[illegible]	31[illegible]
	[illegible]	100.0	100.0	93.6	74.2	56.5	39.0	18.1	7.1	1.6	54.2	31[illegible]
	[illegible]	100.0	100.0	100.0	96.1	84.8	66.5	36.5	12.9	[illegible].6	65.3	310
	[illegible]	100.0	100.0	100.0	99.4	95.5	84.2	63.9	28.7	[illegible].9	72.8	310
TOTALS		100.0	100.0	98.1	92.9	84.2	70.9	52.1	27.9	5.5	68.7	3[illegible]

OCEANAV–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

[illegible]	PENSACOLA, FLORIDA	73-[illegible]2	NOV
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%		
[illegible]	[illegible]	100.0	100.0	100.0	99.3	95.7	85.7	72.3	44.3	1[illegible].7	76.6	300
	[illegible]	100.0	100.0	100.0	99.7	97.3	90.3	79.7	46.3	11.7	78.7	300
	[illegible]	100.0	100.0	100.0	100.0	98.[illegible]	92.3	81.3	52.3	11.0	79.9	300
	[illegible]	100.0	1[illegible].0	99.7	98.0	85.7	68.7	53.3	32.0	8.7	70.5	300
	1[illegible]	100.0	100.0	93.7	79.3	66.3	48.7	32.3	16.0	3.0	59.1	300
	1[illegible]	100.0	99.3	89.7	77.3	62.7	49.7	31.3	17.3	1.7	58.6	300
	1[illegible]	100.0	100.0	99.7	97.3	84.7	69.3	50.7	29.7	2.7	68.9	300
	[illegible]1	100.0	1[illegible].0	100.0	99.3	94.[illegible]	85.7	65.[illegible]	40.0	7.3	74.9	300
TOTALS		1[illegible].0	99.9	97.9	93.6	85.6	73.8	58.2	34.7	7.1	70.9	2400

OCEANAV–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

3.55 PENSACOLA, FLORIDA 73-[illegible] DEC

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	[illegible]	100.0	100.0	100.0	99.7	94.2	86.1	70.9	43.4	13.6	76.7	309
	[illegible]	100.0	100.0	100.0	99.7	96.[illegible]	90.3	72.8	50.2	17.6	78.3	309
	[illegible]	100.0	100.0	100.0	100.0	98.4	91.9	79.5	53.2	15.6	80.0	308
	[illegible]	100.0	100.0	100.0	98.7	92.[illegible]	79.6	63.8	39.2	[illegible].1	74.1	309
	1[illegible]	100.0	100.0	93.5	80.3	67.[illegible]	53.7	36.9	18.1	[illegible].6	61.1	309
	[illegible]	100.0	[illegible]9.7	90.3	75.4	62.[illegible]	49.5	35.6	19.4	[illegible].6	59.3	309
	[illegible]	100.0	100.0	99.7	93.8	81.[illegible]	69.8	45.8	30.2	7.1	68.4	308
	[illegible]	100.0	100.0	100.0	98.1	91.2	82.1	60.4	38.3	8.8	73.8	308
TOTALS		100.0	100.0	97.9	93.2	85.6	75.4	58.2	36.5	[illegible].3	71.5	2469

OCEANAV–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
[illegible]	[illegible], FLORIDA	73-82	ALL

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%		
JAN	ALL	100.0	99.8	97.4	92.5	83.5	71.5	56.7	39.3	19.0	71.5	2480
[illegible]		100.0	99.9	97.7	93.2	84.4	71.8	57.4	37.9	18.1	71.2	2256
[illegible]		100.0	99.8	97.6	93.4	85.9	76.3	61.7	42.9	11.6	72.6	2490
APR		100.0	99.8	97.9	92.7	83.9	71.7	54.0	29.6	4.1	68.9	2400
MAY		100.0	100.0	99.0	95.7	90.2	77.8	57.1	32.1	7.4	71.5	2480
JUN		100.0	100.0	99.6	98.0	92.4	78.5	52.7	26.1	4.4	70.7	2400
JUL		100.0	100.0	100.0	99.8	98.2	89.5	65.0	39.7	17.7	75.6	2480
AUG		100.0	100.0	100.0	99.6	98.2	90.7	68.2	42.5	16.2	77.1	2480
SEP		100.0	100.0	99.9	98.5	95.2	86.7	66.1	42.6	11.8	75.9	2400
OCT		100.0	100.0	98.1	92.9	84.2	70.9	52.1	27.9	5.5	68.7	2480
NOV		100.0	99.9	97.9	93.8	85.6	73.8	58.2	34.7	7.1	70.9	2400
DEC		100.0	100.0	97.9	93.2	85.6	75.4	58.2	36.5	9.3	71.5	2469
TOTALS		100.0	99.9	98.6	95.3	88.9	77.9	59.1	36.0	9.4	72.2	29205

OCEANAV–SMOS

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

STATION: [illegible] | STATION NAME: PENSACOLA, FLORIDA | YEARS: JANUARY 1973-DECEMBER 1982 | MONTH: JANUARY | HOURS (L.S.T.): ALL

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76	3.2		3.2	12.9	38.7	32.3	3.2	6.5		31	1.[illegible]
67 TO 71	6.3	1.1	2.1	19.6	45.5	13.2	6.3	3.2	2.6	189	7.6
62 TO 66	4.4	1.5	9.9	29.3	25.4	12.8	6.6	4.4	3.7	4[illegible]5	16.4
57 TO 61	11.0	7.4	18.4	19.4	18.7	5.8	9.0	5.5	3.9	310	12.5
52 TO 56	19.7	13.[illegible]	23.9	10.9	7.4	4.9	9.2	7.4	3.5	284	11.[illegible]
47 TO 51	32.6	14.5	21.6	5.7	3.2	4.6	4.3	7.8	5.7	287	11.4
42 TO 46	[illegible]4.2	15.[illegible]	21.2	1.7	2.0	2.0	5.5	12.3	2.0	293	11.[illegible]
37 TO 41	49.[illegible]	19.[illegible]	12.9	1.1		.[illegible]	3.0	12.[illegible]	1.1	2[illegible]3	10.6
32 TO 36	[illegible]0.4	20.9	17.3			.4	.9	15.[illegible]	2.1	234	9.4
27 TO 31	46.9	29.9	5.1		.7		2.2	13.2	2.[illegible]	13[illegible]	5.5
22 TO 26	[illegible]5.[illegible]	5.6					8.3	[illegible].3	2.8	36	1.5
17 TO 21	62.5	37.5								[illegible]	.[illegible]
12 TO 16	[illegible]6.7							16.7	16.7	[illegible]	.[illegible]
7 TO 11	100.0									[illegible]	.[illegible]
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											
-59 & LWR											
TOTALS	[illegible].3	12.[illegible]	14.4	11.1	11.[illegible]	5.7	5.[illegible]	5.5	[illegible].1	24[illegible]	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

3 S | PENSACOLA, FLORIDA | JANUARY 1973-DECEMBER 1982 | FEBRUARY | ALL

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

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 -											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81				16.7	66.7	16.7				6	.3
72 TO 76	10.9		3.6	12.7	25.5	30.9	12.7	3.6		55	2.4
67 TO 71	6.8	.9	3.6	15.0	30.0	24.5	14.5	1.8	2.7	220	9.8
62 TO 66	5.7	2.4	6.3	19.3	27.1	21.1	12.0	3.3	2.7	337	14.9
57 TO 61	12.3	3.9	12.3	17.0	15.4	11.2	18.7	7.8	1.4	358	15.9
52 TO 56	23.3	6.4	17.3	9.9	7.7	7.7	13.7	12.1	1.9	313	13.9
47 TO 51	31.1	11.4	17.3	5.2	4.2	3.8	8.0	13.1	5.9	289	12.8
42 TO 46	27.3	13.3	12.9	1.5	1.9	.5	7.6	16.7	3.5	263	11.7
37 TO 41	11.3	26.0	15.4	.5	1.0	1.4	5.8	7.2	1.4	208	9.2
32 TO 36	45.7	33.9	9.4				2.4	3.9	4.7	127	5.6
27 TO 31	36.9	30.6	2.9					4.2	5.6	72	3.2
22 TO 26	25.9	53.8							7.7	13	.6
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											
-59 & LWR											
TOTALS	23.7	11.1	11.5	9.6	12.1	9.6	10.9	8.3	2.9	2256	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

[illegible] PENSACOLA, FLORIDA JANUARY 1973-DECEMBER 1982 MARCH ALL

STATION STATION NAME YEARS MONTH HOURS (LST)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 -											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86						100.0				[illegible]	.1
77 TO 81	4.1	2.0	2.0	3.2	26.5	42.9	8.2	6.1		49	2.0
72 TO 76	3.1	.9	1.3	13.4	43.8	25.9	9.4	1.9	.4	224	9.1
67 TO 71	3.7	1.4	4.9	28.4	32.5	13.2	10.9	2.6	2.3	567	22.9
62 TO 66	9.4	3.0	10.3	31.3	19.5	8.9	9.3	5.4	2.9	594	24.0
57 TO 61	17.0	11.9	17.8	16.2	10.3	7.7	8.8	8.2	2.1	388	15.6
52 TO 56	30.6	17.6	15.9	5.7	6.1	2.0	6.5	12.2	3.3	245	9.9
47 TO 51	33.1	17.8	10.3	1.1	2.9	2.9	5.2	12.1	4.6	174	7.0
42 TO 46	32.5	19.2	9.2	2.5	2.5	4.2	6.7	17.5	5.8	120	4.8
37 TO 41	30.0	23.8	7.5	3.6	1.3	2.5	5.0	11.3	5.0	80	3.2
32 TO 36	9.1	13.6	4.5		9.1		9.1	4.5		22	.9
27 TO 31	10.0	20.0					10.0	10.0	10.0	10	.4
22 TO 26	50.0							50.0		2	.1
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 & LWR											
TOTALS	15.5	7.9	9.6	18.8	19.2	10.3	8.7	6.9	2.7	2480	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

[illegible] / STATION

[illegible] PENSACOLA, FLORIDA / STATION NAME

JANUARY 1973-DECEMBER 1992 / YEARS

APRIL / MONTH

ALL / HOURS (LST)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91				100.0						1	.0
82 TO 86	20.0		5.0	10.0	20.0	40.0	10.0	5.0		20	.8
77 TO 81	7.8	1.0	4.4	13.2	39.7	21.1	7.8	3.9	1.0	204	8.5
72 TO 76	6.7	1.3	3.1	20.7	39.0	16.6	8.6	3.0	1.0	608	25.3
67 TO 71	7.5	2.8	6.4	26.5	26.9	12.1	10.1	4.0	3.6	642	26.8
62 TO 66	18.5	12.6	14.0	11.8	11.6	5.1	10.8	9.9	5.6	372	15.5
57 TO 61	23.3	14.1	10.9	5.8	4.3	3.3	8.0	12.3	9.0	276	11.5
52 TO 56	27.9	28.5	11.6	1.2	2.9	2.9	7.0	12.8	5.2	172	7.2
47 TO 51	35.7	22.9	5.7	2.9	5.7		7.1	11.4	5.6	70	2.9
42 TO 46	1.5	18.2	3.0					15.2	12.1	33	1.4
37 TO 41	50.0	50.0								2	.1
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											
-59 & LWR											
TOTALS	15.0	7.8	7.4	16.3	23.3	11.0	8.9	6.6	3.9	2400	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

[illegible] | [illegible] ANGELA, FLORIDA | JANUARY 1973-DECEMBER 1982 | MAY | ALL

STATION | STATION NAME | YEARS | MONTH | HOURS (LST)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96	25.0			25.0	25.0	25.0				4	.2
87 TO 91	6.1	2.0	6.1	12.2	44.9	16.3	8.2	2.0	2.0	49	2.0
82 TO 86	5.8	3.2	3.5	14.2	34.8	24.2	9.7	3.5	1.0	313	12.5
77 TO 81	4.3	2.1	4.8	15.7	34.7	23.5	12.3	1.9	.6	625	25.2
72 TO 76	7.7	4.4	4.4	16.5	25.7	15.1	17.0	4.9	4.3	728	29.4
67 TO 71	20.4	11.9	9.7	9.2	9.9	6.4	11.0	9.0	12.5	455	18.3
62 TO 66	37.6	19.8	7.4	1.5	1.0	2.0	8.9	8.9	12.9	202	8.1
57 TO 61	39.5	34.2	5.3	1.3	1.3	1.3	6.6	6.6	3.9	76	3.1
52 TO 56	34.6	38.5				3.8	3.8	15.4	3.8	26	1.0
47 TO 51	50.0	50.0								4	.2
42 TO 46	100.0									1	.0
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											
-59 & LWR											
TOTALS	12.7	7.6	5.6	12.7	23.5	15.2	12.5	5.2	5.1	2480	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

[illegible] STATION | [illegible]LA, FLORIDA STATION NAME | JANUARY 1973-DECEMBER 1982 YEARS | JUNE MONTH | ALL HOURS L.S.T.

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 -											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101				50.0	50.0					2	.1
92 TO 96	7.0	2.3	4.7	7.0	16.3	37.2	16.3	9.3		43	1.8
87 TO 91	5.9	3.7	2.5	6.2	31.4	33.9	13.1	2.7	.5	404	16.8
82 TO 86	5.7	2.4	3.4	9.8	29.1	24.3	20.7	4.0	.6	671	28.0
77 TO 81	9.0	4.2	6.2	4.7	20.1	15.6	24.3	9.3	7.3	646	26.9
72 TO 76	25.7	14.3	9.6	3.6	4.5	6.3	13.8	9.8	12.3	448	18.7
67 TO 71	28.2	24.2	6.0	2.0	1.3	2.7	8.1	11.4	16.1	149	6.2
62 TO 66	43.8	37.5					6.3	9.4	3.1	32	1.3
57 TO 61	20.0	20.0						20.0		5	.2
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											
-59 & LWR											
TOTALS	12.4	7.2	5.3	5.9	20.1	18.7	18.0	7.0	5.5	2400	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

7 [illegible] | [illegible]ACOLA, FLORIDA | JANUARY 1973-DECEMBER 1982 | JULY | ALL

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

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 -											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106							50.0	50.0		2	.1
97 TO 101	20.0				20.0	26.7	13.3	20.0		15	.6
92 TO 96	17.3	2.5	4.9	6.6	24.7	24.7	8.6	8.6		81	3.3
87 TO 91	8.5	1.8	2.6	10.3	26.7	29.4	14.6	5.3	.8	454	19.9
82 TO 86	5.9	1.7	4.5	9.0	19.4	22.5	26.0	7.4	3.6	645	26.0
77 TO 81	11.5	7.5	9.9	7.1	10.1	10.8	20.4	10.7	11.9	784	31.6
72 TO 76	21.4	13.8	8.2	2.3	2.1	5.4	11.0	15.7	19.7	427	17.2
67 TO 71	1.9	12.5	3.1		3.1		18.8	12.5	28.1	32	1.3
62 TO 66											
57 TO 61											
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											
-59 & LWR											
TOTALS	11.6	5.8	6.5	7.3	14.9	17.0	16.7	9.7	8.6	2480	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

3 5 (STATION) | PENSACOLA, FLORIDA (STATION NAME) | JANUARY 1973-DECEMBER 1982 (YEARS) | AUGUST (MONTH) | ALL (HOURS L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101	100.0									1	.0
92 TO 96	11.5	5.8		9.6	32.7	26.9	7.7	5.8		52	2.1
87 TO 91	5.8	3.0	4.4	16.5	32.6	25.6	6.7	4.0	1.2	430	17.3
82 TO 86	5.5	3.9	12.6	17.9	23.5	15.7	13.8	2.8	4.2	637	25.7
77 TO 81	11.9	10.6	18.8	9.4	8.1	8.0	12.0	8.1	13.0	724	29.2
72 TO 76	21.2	21.4	13.8	3.2	3.9	1.6	6.0	7.8	21.1	565	22.8
67 TO 71	36.1	34.4	4.9	1.6	1.6			4.9	16.4	61	2.5
62 TO 66	75.0	12.5							12.5	8	.3
57 TO 61	50.0								50.0	2	.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											
−59 & LWR											
TOTALS	12.2	10.5	12.7	11.2	15.7	11.8	9.8	5.8	10.4	2480	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

[redacted] (STATION) PENSACOLA, FLORIDA (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) SEPTEMBER (MONTH) ALL (HOURS L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101				100.0						1	.0
92 TO 96	11.8	5.9	11.8	29.4	23.5	5.9	5.9	5.9		17	.7
87 TO 91	4.0	1.8	8.9	17.8	40.4	18.2	5.8	2.2	.9	225	9.4
82 TO 86	6.7	4.4	10.7	17.2	30.0	16.8	9.5	3.4	1.3	524	21.8
77 TO 81	10.0	7.2	23.4	14.9	14.6	8.5	12.8	5.1	3.6	611	25.5
72 TO 76	23.4	20.3	26.5	2.6	4.3	1.5	2.8	8.5	10.1	611	25.5
67 TO 71	40.7	29.9	17.3	.9	.4	.9	1.3	3.5	5.2	231	9.6
62 TO 66	43.0	35.0	12.0				2.0	10.0		100	4.2
57 TO 61	46.8	23.4					2.1	6.4	2.1	47	2.0
52 TO 56	65.0	20.0						10.0	5.0	20	.8
47 TO 51	69.2	23.1						7.7		13	.5
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											
-59 & LWR											
TOTALS	14.3	13.3	15.0	10.2	15.3	8.0	6.9	5.5	4.5	2400	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

3 5 (STATION) PENSACOLA, FLORIDA (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) OCTOBER (MONTH) ALL (HOURS L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91	9.1		9.1	4.5	31.8	4.5	18.2	22.7		22	.9
82 TO 86	11.0	.6	10.4	23.9	27.6	17.8	6.7	1.2	.6	163	6.6
77 TO 81	8.1	5.8	11.8	26.3	16.3	10.4	6.6	3.8	.9	346	14.0
72 TO 76	12.5	9.3	21.1	23.8	15.6	6.2	6.4	2.9	2.5	497	19.6
67 TO 71	23.0	12.9	29.1	9.3	4.5	2.3	8.8	5.4	5.0	443	17.9
62 TO 66	29.3	17.6	25.9	1.8	1.0	1.0	3.3	6.5	4.5	397	16.0
57 TO 61	30.6	24.7	12.7	.7	.7	.4	3.0	4.5	2.6	267	10.8
52 TO 56	30.5	30.2	8.8	.5	.5		1.1	5.5	2.7	182	7.3
47 TO 51	36.4	30.0	10.0			.9	.9	.9	.9	110	4.4
42 TO 46	21.4	19.0	2.4					7.1		42	1.7
37 TO 41	61.9	33.3						4.8		21	.8
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											
-59 & LWR											
TOTALS	18.0	14.6	18.4	12.0	9.9	4.5	5.3	4.5	2.8	2480	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

[illegible] / STATION | PENSACOLA, FLORIDA / STATION NAME | JANUARY 1973-DECEMBER 1982 / YEARS | NOVEMBER / MONTH | ALL / HOURS L.S.T.

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 -											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86	25.0	12.5			62.5					8	.3
77 TO 81	6.8		10.2	25.0	44.3	11.4	1.1	1.1		88	3.7
72 TO 76	5.1	1.8	9.4	32.5	35.6	7.6	4.6	1.5	.9	329	13.7
67 TO 71	7.9	6.2	19.6	29.3	18.5	8.5	5.8	3.0	1.2	433	18.0
62 TO 66	15.9	9.3	34.4	10.1	9.8	4.2	6.3	7.9	2.1	375	15.8
57 TO 61	21.7	16.8	24.6	3.2	3.2	2.3	5.8	8.7	3.6	309	12.9
52 TO 56	34.6	22.3	20.4	2.5	1.6	1.9	3.8	9.4	3.5	318	13.3
47 TO 51	38.0	27.7	16.4	.9	.5	.9	2.8	10.3	2.3	213	8.9
42 TO 46	44.8	26.7	6.1	.6	.6	1.2	2.4	15.2	2.4	165	6.9
37 TO 41	52.7	31.9	3.3				1.1	8.8	2.2	91	3.8
32 TO 36	37.1	28.6	2.0				2.0	6.1	4.1	49	2.0
27 TO 31	29.4	58.8	5.9						5.9	17	.7
22 TO 26	50.0	50.0								2	.1
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											
-59 & LWR											
TOTALS	23.6	14.5	18.6	13.1	12.3	4.4	4.5	6.8	2.2	2430	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

3 - 5 (STATION) | PENSACOLA, FLORIDA (STATION NAME) | JANUARY 1973-DECEMBER 1982 (YEARS) | DECEMBER (MONTH) | ALL (HOURS L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81				50.0	40.0	10.0				10	.4
72 TO 76	2.3		1.2	32.6	34.9	18.6	10.5			86	3.5
67 TO 71	3.5	1.9	5.0	28.8	27.7	20.4	8.8	3.5	.4	260	10.5
62 TO 66	6.2	4.3	14.1	22.4	20.3	14.1	11.9	4.9	1.9	370	15.0
57 TO 61	21.9	9.4	24.6	14.6	8.2	4.9	7.0	7.3	2.1	329	13.3
52 TO 56	25.9	15.2	32.3	6.4	2.7	2.4	2.7	10.7	1.5	328	13.3
47 TO 51	34.4	16.9	23.4	3.6	1.8	2.7	6.2	10.4	1.2	337	13.6
42 TO 46	42.9	20.6	14.2	1.0	1.4	1.4	3.0	13.5	2.0	296	12.0
37 TO 41	55.7	19.2	10.3			.1	3.9	9.9	.5	203	8.2
32 TO 36	54.6	23.5	7.8	1.2	1.8		1.8	7.2	1.3	166	6.7
27 TO 31	72.2	34.8	7.2					5.8		69	2.8
22 TO 26	46.7	26.7	6.7							15	.6
17 TO 21	100.0									1	.0
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											
-59 & LWR											
TOTALS	27.7	13.2	16.8	11.1	9.3	6.5	6.0	8.0	1.4	2470	100.0

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4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

STATION	STATION NAME	YEARS	MONTH	HOURS L.S.T.
[illegible]	[illegible]ACOLA, FLORIDA	JANUARY 1973-DECEMBER 1962	ALL	ALL

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 -											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106							50.0	50.0		2	.0
97 TO 101	1.1			10.5	31.1	21.1	10.5	15.8		19	.1
92 TO 96	13.2	3.6	4.1	10.7	24.9	26.4	9.6	7.6		197	.7
87 TO 91	6.5	2.6	4.1	12.0	31.9	27.3	10.8	4.0	.9	1625	5.6
82 TO 86	6.2	2.9	7.3	13.9	26.5	20.5	16.4	4.2	2.2	2980	10.2
77 TO 81	9.1	5.9	11.9	11.9	19.7	13.6	14.7	6.6	6.5	4097	14.0
72 TO 76	14.5	10.0	11.1	13.0	18.4	9.5	9.1	6.3	8.1	4599	15.7
67 TO 71	13.6	8.2	11.0	18.8	19.9	10.0	8.9	4.6	5.1	3682	12.6
62 TO 66	16.5	9.7	15.2	17.0	14.7	8.5	8.6	6.4	3.9	3191	10.9
57 TO 61	25.6	13.1	16.7	11.0	8.7	5.2	8.7	7.9	3.3	2367	8.1
52 TO 56	29.7	18.0	19.5	5.7	4.2	3.3	6.4	10.2	3.0	1888	6.5
47 TO 51	37.3	18.4	17.3	3.2	2.5	2.7	5.2	9.9	3.8	1492	5.1
42 TO 46	41.1	19.3	13.3	1.3	1.6	1.6	4.7	14.3	2.9	1213	4.2
37 TO 41	48.6	22.9	11.1	.3	.3	.9	3.8	10.0	1.5	868	3.0
32 TO 36	51.5	24.7	8.5	.3	.8	.2	1.8	9.4	2.7	598	2.0
27 TO 31	56.5	32.5	4.9		.5		1.3	7.2	3.3	305	1.0
22 TO 26	64.6	19.7	1.4				4.2	7.0	2.9	71	.2
17 TO 21	6.7	33.3								9	.0
12 TO 16	16.7							16.7	16.7	6	.0
7 TO 11	1 0.0									1	.0
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											
-59 & LWR											
TOTALS	19.3	10.4	12.1	11.6	15.6	10.2	9.7	6.9	4.4	29256	100.0

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NOCD, Federal Building
Asheville, N. C.

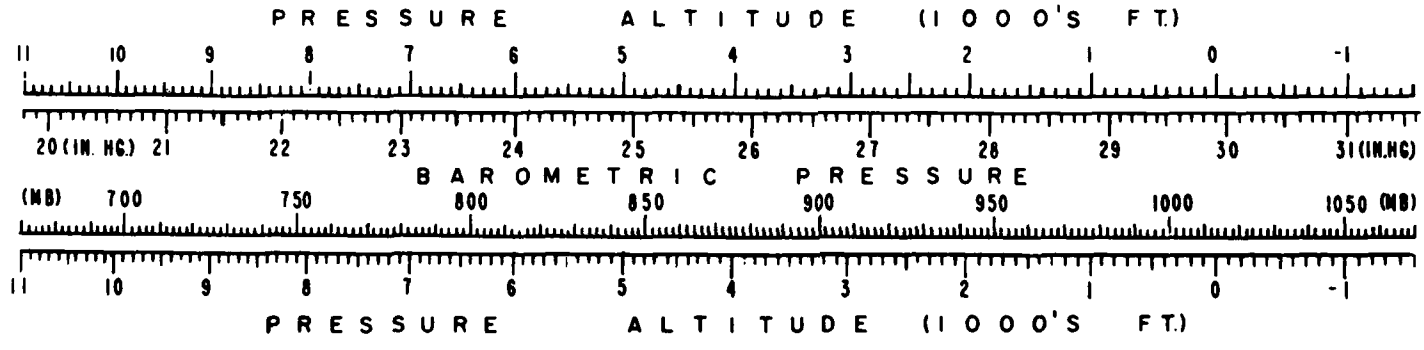
PART F PRESSURE SUMMARY

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

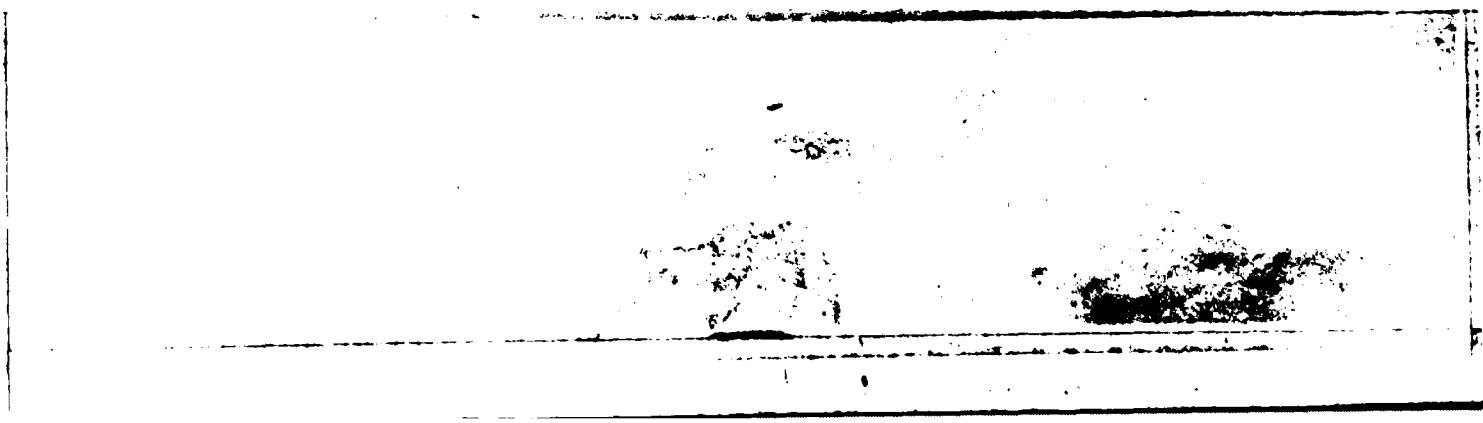
STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

[illegible] PENSACOLA, FLORIDA 73-92

STATION | STATION NAME | YEARS

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
[illegible]	MEAN	[illegible].106	30.094	30.006	30.011	29.979	29.967	29.986	29.992	29.951	[illegible].027	[illegible].075	30.101	30.020
	S. D.	.[illegible]4	.166	.161	.144	.10[illegible]	.080	.070	.065	.094	.109	.130	.165	.141
	TOTAL OBS	310	282	31[illegible]	300	310	300	310	310	300	310	300	310	3652
	MEAN	30.027	30.079	29.984	29.990	29.912	29.950	29.966	29.972	29.934	30.015	30.064	30.091	30.008
	S. D.	.[illegible]86	.168	.163	.145	.109	.079	.070	.[illegible]65	.092	.112	.133	.166	.144
	TOTAL OBS	310	282	31[illegible]	300	310	300	310	310	300	310	300	309	3651
	MEAN	[illegible].110	30.101	30.014	30.024	29.944	29.980	29.998	30.002	29.960	30.044	30.094	30.101	30.030
	S. D.	.196	.169	.162	.151	.112	.081	.072	.066	.098	.115	.137	.171	.147
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	308	3650
	MEAN	30.157	30.140	30.051	30.056	29.971	30.003	30.025	30.031	29.989	30.076	30.120	30.143	30.063
	S. D.	.198	.170	.164	.155	.113	.081	.074	.068	.095	.116	.140	.170	.147
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
	MEAN	30.122	30.118	30.035	30.040	29.957	29.992	30.014	30.017	29.978	30.043	30.082	30.106	30.041
1[illegible]	S. D.	.187	.166	.162	.154	.113	.082	.073	.069	.091	.114	.135	.165	.142
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
	MEAN	30.076	30.061	29.985	29.994	29.918	29.953	29.973	29.971	29.924	29.999	30.040	30.064	29.996
1[illegible]	S. D.	.1[illegible]3	.162	.162	.151	.111	.081	.073	.068	.090	.110	.130	.159	.138
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
	MEAN	30.095	30.072	29.984	29.989	29.9[illegible]6	29.943	29.965	29.967	29.927	30.009	30.057	30.084	29.999
1	S. D.	.183	.160	.161	.147	.1[illegible]7	.080	.071	.066	.095	.109	.131	.158	.141
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	308	3650
	MEAN	30.117	30.098	30.011	30.017	29.937	29.973	29.994	30.002	29.962	30.040	30.083	30.106	30.028
[illegible]1	S. D.	.187	.163	.159	.146	.1[illegible]7	.079	.071	.065	.096	.110	.135	.159	.141
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	308	3650
ALL HOURS	MEAN	30.110	30.096	30.009	30.015	29.934	29.970	29.990	29.994	29.952	30.032	30.076	30.100	30.023
	S. D.	.1[illegible]7	.167	.163	.151	.112	.083	.074	.070	.096	.114	.136	.165	.144
	TOTAL OBS	2480	2256	2480	2400	2480	2400	2480	2480	2400	2480	2400	2470	29206

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MEANS AND STANDARD DEVIATIONS

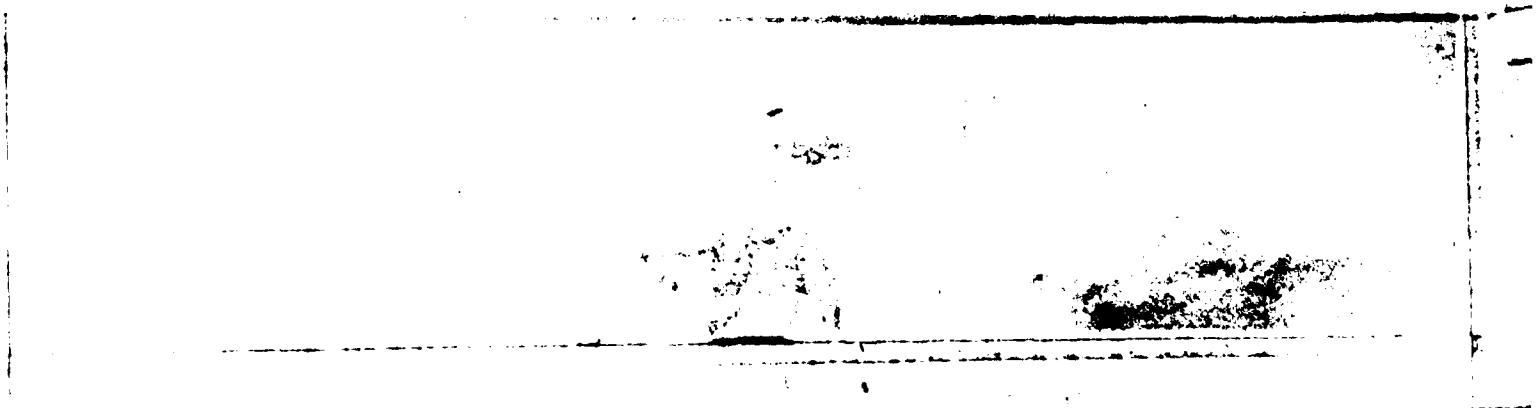
SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

[illegible] PENSACOLA, FLORIDA 73-92

STATION STATION NAME YEARS

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
[illegible]	MEAN	[illegible]20.6	020.2	017.2	017.4	014.6	015.9	016.6	016.8	015.4	018.0	019.6	020.5	1017.7
	S. D.	6.231	5.635	5.449	4.887	3.611	2.689	2.330	2.165	3.188	3.686	4.412	5.578	4.779
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
	MEAN	1020.4	019.7	016.5	016.7	014.1	015.3	015.9	016.1	014.8	017.6	019.2	020.1	1017.2
	S. D.	6.287	5.666	5.522	4.915	3.691	2.640	2.330	2.149	3.131	3.806	4.496	5.616	4.860
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
	MEAN	1020.8	020.5	017.5	017.9	015.2	016.4	017.0	017.1	015.7	018.5	019.9	020.5	1018.1
	S. D.	6.308	5.738	5.494	5.115	3.795	2.703	2.411	2.209	3.309	3.684	4.637	5.793	4.853
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	308	3650
	MEAN	1022.4	021.8	018.8	018.9	016.1	017.1	017.9	018.1	016.7	019.6	021.1	021.9	1019.2
	S. D.	6.370	5.745	5.544	5.231	3.830	2.720	2.481	2.276	3.214	3.918	4.722	5.750	4.967
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
	MEAN	1021.2	021.1	018.2	018.4	015.6	016.8	017.5	017.6	016.0	018.5	019.8	020.6	1018.4
1	S. D.	6.323	5.598	5.477	5.214	3.828	2.752	2.462	2.324	3.089	3.868	4.580	5.577	4.800
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
	MEAN	1019.6	019.1	016.5	016.8	014.2	015.5	016.1	016.1	014.5	017.0	018.4	019.2	1016.9
	S. D.	6.191	5.483	5.485	5.093	3.768	2.725	2.423	2.252	3.063	3.737	4.392	5.382	4.687
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
	MEAN	1020.3	019.5	016.5	016.7	013.9	015.1	015.9	015.9	014.6	017.4	019.0	019.9	1017.0
	S. D.	6.206	5.413	5.464	4.980	3.614	2.675	2.358	2.199	3.224	3.678	4.415	5.332	4.785
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	308	3650
	MEAN	1021.0	020.4	017.4	017.6	014.9	016.1	016.8	017.1	015.8	018.4	019.9	020.6	1018.0
	S. D.	6.211	5.541	5.363	4.955	3.678	2.662	2.377	2.163	3.246	3.695	4.558	5.386	4.771
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	308	3650
ALL HOURS	MEAN	1020.8	020.3	017.3	017.6	014.8	016.0	016.7	016.9	015.4	018.1	019.6	020.4	1017.8
	S. D.	6.314	5.654	5.526	5.101	3.742	2.774	2.493	2.332	3.259	3.857	4.582	5.592	4.867
	TOTAL OBS	2480	2256	2480	2400	2460	2400	2480	2480	2400	2480	2400	2470	29206

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