AD-A150 394 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) 1/4
BRUNSWICK MAINE(U) NAVAL OCEANOGRAPHY COMMAND
DETACHMENT ASHEVILLE NC AUG 84

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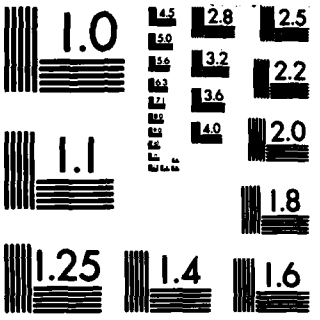

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SMOS

SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE

AD-A150 394

STATION: #14611 Brunswick, ME

PERIOD: HOURLY 1/73-12/82
HOURLY 1/5[illegible]-12/82

[illegible] NO. 72009 DATE August 1984

[illegible]
[illegible],
NAVAL OCEANOGRAPHY
[illegible]
[illegible] 39529

UNCLASSIFIED

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

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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DD FORM 1 JAN 73 1473 EDITION OF 1 NOV 65 IS OBSOLETE

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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.

STATION NO. ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	STATION ELEV. (FT.)	CALL SIGN	WBAN NUMBER
14611	Brunswick, Maine	43°53'N	69°56'W	75 MSL	KNHZ	74392

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.	Weather Service Office	Navy	1951	1959	43°53'N	69°56'W	79'	Mercurial	24
2.	" " " (replacement)	"	1959	1969	"	"	"	"	24
3.	" " "	"	1969		"	"	"	"	24
1a.	" " "	"	1960		"	"	81'	Aneroid	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.	1951	Control tower roof	Selsyn	Triple	70'	1. Barograph (ML 3) 2. Auto Met station (AN/GMQ-29) *3. Cloud height set (AN/GMQ-13 *4. Transmissometer (AN/GMQ-10C) 5. Radar Recorder Fax (RO 415 GMH) 6. RVR Converter, Display * Two sets in use.
2.	1959	Six hundred feet on bearing of 330 degrees from building # 200	UMQ-5	RD-108	15'	

NOCD, Federal Building
Asheville, NC

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Asheville, N. C.

PART A WEATHER CONDITIONS

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

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

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

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

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

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

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

Hail Occurrences of hail and small hail are included.

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

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

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

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

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

Blowing spray - This item if reported, is not shown in a separate category on this form 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.

PART A ATMOSPHERIC PHENOMENA

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

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual columns may not equal the total columns.

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

NOTE: A day with rain and/or drizzle was not separately reported in WBAN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than 5/8 mile.

Percentage Frequency of Wind Direction vs. Weather Conditions - This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and years combined. The main body of the Summary consists of weather conditions (horizontally) and wind directions (vertically) to 16 compass points (plus calm). Column totals show the number of observations. "% Total" indicates percentage frequency of occurrences.

4

WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

[illegible]	[illegible]	5.-7	ILL
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.
[illegible]	[illegible]	.1	23.1	[illegible].1	[illegible]4.1	.1	[illegible]3.4	[illegible]7.[illegible]	1.[illegible]2	7.9		4[illegible].[illegible]	[illegible]1
[illegible]		.3	[illegible].5	6.1	42.[illegible]	.1	[illegible].6	37.4	1[illegible].	2.3		[illegible]7.[illegible]	791
[illegible]		.[illegible]	[illegible]0.4	3.[illegible]	34.[illegible]		[illegible]7.[illegible]	[illegible]2.4	16.[illegible]	5.3		47.8	[illegible]68
[illegible]		1.[illegible]	[illegible]1.5	.3	14.4	.4	53.6	51.[illegible]	[illegible]2.3	.1	.4	56.1	[illegible]43
[illegible]		[illegible].3	[illegible]4.[illegible]	.1	1.[illegible]	.1	54.5	[illegible]5.3	2[illegible].[illegible]		.1	[illegible]1.[illegible]	[illegible]68
J		1[illegible].[illegible]	[illegible]2.[illegible]			.[illegible]	[illegible]2.9	[illegible]3.[illegible]	44.[illegible]		.4	71.7	[illegible]47
J[illegible]		1[illegible].9	46.[illegible]			.[illegible]	46.[illegible]	[illegible].[illegible]2	[illegible]3.1		.1	72.2	[illegible]45
[illegible]		1[illegible].[illegible]	44.6			.1	44.[illegible]	65.2	[illegible]9.[illegible]			7[illegible].6	[illegible]56
		[illegible].5	[illegible]4.3				[illegible]4.3	[illegible]4.9	5[illegible].[illegible]			65.8	[illegible]41
[illegible] [illegible]		.3	[illegible]2.5		[illegible].		[illegible]3.4	57.[illegible]	[illegible].		.1	[illegible].7	[illegible]1[illegible]
[illegible]		1.3	44.3	1.[illegible]	15.[illegible]	.1	50.[illegible]	[illegible]3.9	19.[illegible]	1.3		[illegible]9.[illegible]	[illegible]41
[illegible]		.3	[illegible].3	1.[illegible]	[illegible]0.[illegible]		[illegible]4.6	[illegible]1.[illegible]	1[illegible].[illegible]	[illegible].4		[illegible]8.[illegible]	868
TOTALS		[illegible].7	[illegible].[illegible]	2.[illegible]	1[illegible].[illegible]	.3	49.9	[illegible]2.9	[illegible].[illegible]	2.3	.1	[illegible]1.3	10[illegible]3

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4

WEATHER CONDITIONS

[illegible] | [illegible] | 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.
[illegible]	01		5.8	1.6	11.6		18.4	16.5	1.6	1.6		19.4	310
	04		3.9	1.0	11.3		15.5	14.5	1.[illegible]	1.9		17.4	310
	07		3.2	1.3	9.6		14.1	12.[illegible]	2.6	2.6		23.2	311
	10		4.5	1.3	13.2	.3	18.3	16.4	5.8	2.6		24.1	311
	13		6.3	2.9	12.6		20.6	14.2	4.5	2.6		21.0	310
	16		6.5	.6	11.3		18.1	13.5	3.2	2.3		18.7	310
	19		6.5	.3	10.6		17.1	14.8	1.3	1.9		17.7	310
	22	.6	5.8	2.3	9.7		17.1	15.8	1.3	1.9		18.4	310
TOTALS		.1	5.4	1.4	11.2	.[illegible]	17.4	15.6	2.7	2.2		20.0	2487

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4

WEATHER CONDITIONS

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

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
[illegible]	01		5.3	1.1	7.1		13.5	16.3	2.5	1.9		19.3	282
	04		4.3	1.1	8.3		13.9	17.4	2.1	1.8		20.2	282
	07		4.3	1.4	8.5		13.8	22.3	4.3	.7		26.6	282
	10		5.3		10.3		15.6	16.3	7.1	1.1		23.4	282
	13		3.9	.4	8.9		13.1	11.3	5.7	.7		17.3	282
	16		5.3	1.4	10.6		16.3	1.3	4.6	.7		15.6	282
	19		5.0	1.4	6.5		13.3	11.3	1.8	1.4		14.2	282
	22		4.6	1.4	7.1		12.1	14.9	.7	1.8		17.4	282
TOTALS			4.8	1.3	8.7		14.1	14.9	3.6	1.3		19.3	2256

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WEATHER CONDITIONS

14777 2006-64321

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
OBSERVATIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
[illegible]	01		9.	1.	4.[illegible]		14.[illegible]	[illegible]	3.[illegible]	1.0		24.5	310
	[illegible]		11.0	.5	5.[illegible]		17.4	20.1	3.[illegible]	.6		22.7	310
	[illegible]		12.0		7.1		18.5	26.8	6.[illegible]	.6		32.3	310
	10	.3	9.[illegible]		6.3		14.[illegible]	[illegible].3	4.3	1.3		25.5	310
	13		9.0		5.2		17.[illegible]	15.2	6.5	.3		21.6	310
	15		10.3		5.2		15.[illegible]	14.5	7.7	.3		23.5	310
	13		9.[illegible]	1.0	5.2		15.2	[illegible].[illegible]	4.[illegible]	.3		24.8	310
	[illegible]		9.[illegible]	.3	4.[illegible]		13.[illegible]	21.0	1.5	.3	.3	27.2	310
TOTALS		.[illegible]	[illegible].[illegible]	.4	5.7		15.2	[illegible].[illegible]	4.[illegible]	.6	.[illegible]	25.7	2480

WEATHER CONDITIONS

STATION _____ STATION NAME _____ YEARS _____ MONTH APR

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	01		14.3		1.7		15.3	24.3	4.7	.7		30.3	300
	04		12.3		3.7		15.3	24.3	3.3	.7		33.3	300
	07		11.7		3.7		14.3	27.3	6.7	.3		33.7	300
	10		12.3		3.7		14.7	18.3	6.7	.3		24.3	300
	13	.3	13.3		4.3		16.3	15.3	6.7	.3		22.3	300
	16		11.3		3.7		14.7	14.3	8.7	.3		22.7	300
	19		14.7	.3	1.7		16.7	17.7	6.7	.7		25.3	300
	22		14.3		1.7		15.3	21.7	6.3	.7		27.7	300
TOTALS		.0	12.9	.0	2.9		15.3	21.3	6.3	.5		27.3	2400

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WEATHER CONDITIONS

13-11	[illegible]	73-92	MAY
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	01		16.6				16.6	26.1	7.1			41.3	310
	04	.3	14.5		.3		14.5	47.7	6.8			50.3	310
	07	.3	13.9		.3		13.9	31.3	11.9			39.7	310
	10		11.3				11.3	21.3	11.9			32.9	310
	13	.3	13.5				13.5	15.5	15.5			30.6	310
	16		10.3				10.3	16.5	16.8			32.3	310
	19		13.9		.3		14.2	23.9	12.9			36.1	310
	22	.6	14.8				14.5	30.6	8.7			37.7	310
TOTALS		.2	13.6		.1		13.7	27.9	11.5			37.6	2480

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4

WEATHER CONDITIONS

14711 2006-84321

[illegible] / STATION | [illegible] / STATION NAME | 73-82 / YEARS | JUN / MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	01	.7	13.3				13.3	40.7	11.3			49.0	300
	04		13.3				13.3	53.3	11.0			59.0	300
	07	.3	13.3				13.3	36.7	15.0			49.7	300
	10		12.7				12.7	32.3	23.7			43.3	300
	13	.3	9.3				9.3	14.0	27.7			40.0	300
	16	.7	12.0				12.0	15.0	25.0			39.7	300
	19	.3	10.7				10.7	19.3	24.0			42.7	300
	22	.3	11.0				11.0	30.7	15.0			44.3	300
TOTALS		.3	12.3				12.3	29.0	19.1			46.0	2400

NAVWEASERVCOM

4

WEATHER CONDITIONS

14711 2006-54321

14711 STATION | [illegible] STATION NAME | 73-82 YEARS | JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	01	1.9	9.0				9.0	42.3	13.9			51.9	310
	04	1.0	10.6				10.6	50.0	14.5			57.1	310
	07	.6	10.3				10.3	33.5	22.6			51.6	310
	10	.3	8.1				8.1	17.1	29.7			44.8	310
	13	.6	7.7				7.7	11.3	34.2			43.9	310
	16	2.6	7.4				7.4	10.3	34.2			42.6	310
	19	2.9	9.7				9.7	19.0	29.0			46.2	310
	22	3.3	9.0				9.0	29.0	16.7			44.5	310
TOTALS		1.5	9.0				9.0	26.6	24.6			47.7	2480

4

WEATHER CONDITIONS

1011 2006-64321

1011 STATION | SPRINGFIELD, MO STATION NAME | 73-82 YEARS | AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	01	1.0	10.0				10.0	45.5	10.6			51.0	310
	04	.3	8.1				8.1	52.6	7.4			55.5	310
	07	.3	9.4				9.4	48.7	14.5			59.2	310
	10		9.4				8.4	28.6	26.5			43.9	310
	13	.6	8.4				8.4	14.2	26.8			39.4	310
	16	1.9	7.7				7.7	14.8	27.4			40.6	310
	19	1.0	7.1				7.1	24.5	25.2			45.8	310
	22	.6	8.4				8.4	35.5	15.5			45.8	310
TOTALS		.7	8.7				8.7	31.5	19.2			47.2	2480

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4

WEATHER CONDITIONS

1071 2096-84321

1-11 (STATION) BRUNSWICK, ME (STATION NAME) 73-82 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	01	.7	11.7				11.7	41.3	3.3			43.7	300
	04	.3	11.7				11.7	46.7	2.3			48.3	300
	07	.3	11.3				11.3	44.3	6.0			50.3	300
	10	.3	10.3				10.3	22.0	12.7			33.3	300
	13		8.7				8.7	14.7	16.0			29.7	300
	16	.3	10.3				10.3	15.3	15.7			30.3	300
	19	.7	11.0				11.0	22.3	11.7			32.0	300
	22	.7	12.3				12.3	27.7	6.0			33.7	300
TOTALS		.4	10.7				10.9	27.6	9.1			37.7	2400

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WEATHER CONDITIONS

14711 — STATION
[illegible] — STATION NAME
77-82 — YEARS
OCT — 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	01		12.3				12.3	36.1	2.3			37.4	310
	04	.6	12.3	.3			12.6	38.7	1.6			39.7	310
	07		10.6	.3			11.0	36.8	1.9			38.4	310
	10		10.6		.3		10.6	19.4	9.4			27.7	310
	13		9.0				9.0	19.8	7.7			21.9	310
	16	.3	11.6		.6		12.3	15.5	8.1			21.9	310
	19	.3	11.6		.3		11.9	20.6	2.6			22.6	310
	22		13.9		.3		14.2	27.1	2.9			29.7	310
TOTALS		.2	11.5	.1	.2		11.7	26.3	4.6			29.9	2480

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WEATHER CONDITIONS

16-11 (STATION) BRUNSWICK, ME (STATION NAME) 73-82 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	01		14.0		3.3		17.3	73.7	2.3	.7		36.3	300
	04		13.7	.3	2.0		16.0	34.7	1.7			35.7	300
	07		13.7	.3	2.0		16.0	35.3	4.7	.3		39.3	300
	10		14.3	.3	2.0		16.3	25.7	9.3	.3		34.7	300
	13		12.7	.7	2.3		14.7	21.7	7.0	.3		25.3	300
	16		11.0		2.3		13.0	20.7	6.0	.3		26.7	300
	19	.3	11.7		1.0		12.7	24.0	2.7	.3		27.0	300
	22		11.7	.3	3.3		14.3	20.0	2.3	.3		30.3	300
TOTALS		.0	12.9	.2	2.3		15.4	29.0	4.5	.3		32.3	2400

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1077 2009-54321

WEATHER CONDITIONS

STATION _____ STATION NAME _____ YEARS 73-82 MONTH DEC

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	01		6.4	1.6	12.9		21.6	17.7	1.6	1.6		22.6	310
	04		6.8	.6	10.6		17.4	19.7	2.9	1.6		22.6	310
	07		5.5	1.3	10.3		16.5	24.2	3.2	2.3		28.1	310
	10		5.5	1.6	11.6		18.4	22.9	5.8	1.9		28.7	310
	13		7.4	1.3	9.4		16.9	16.5	3.9	1.6		21.6	310
	16		7.4	1.0	9.0		17.1	17.1	3.2	1.0		21.3	310
	19		6.8	.6	10.7		18.1	17.5	.6	1.6		19.7	309
	22		6.5	1.0	10.7		17.5	19.4	1.0	1.6		22.0	309
TOTALS			6.5	1.1	10.7		17.7	19.6	2.5	1.7		23.3	2478

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WEATHER CONDITIONS

14711 — STATION
[illegible], MT — STATION NAME
77-92 — YEARS
ALL — 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	.1	5.4	1.4	11.2	.0	17.4	15.6	2.7	2.2		20.0	2482
FEB			4.2	1.0	6.7		14.0	14.9	3.6	1.3		19.2	2256
MAR		.0	9.6	.4	5.7		15.2	20.9	4.9	.6	.0	25.7	2480
APR		.0	12.9	.0	2.3		15.3	21.3	6.3	.5		27.3	2400
MAY		.2	13.6		.1		13.7	27.9	11.5			37.6	2480
JUN		.3	12.0				12.0	29.3	19.1			46.0	2400
JUL		1.5	9.0				9.3	26.6	24.6			47.7	2480
AUG		.7	6.7				8.7	31.5	19.2			47.0	2480
SEP		.4	10.9				10.9	29.6	9.1			37.7	2400
OCT		.2	11.5	.1	.2		11.7	25.3	4.6			29.9	2480
NOV		.0	12.9	.2	2.3		15.0	26.0	4.5	.3		32.3	2400
DEC			6.8	1.1	10.7		17.9	19.6	2.8	1.7		23.3	2478
TOTALS		.3	9.8	.3	3.5	.0	13.4	24.3	9.4	.5	.0	32.8	29216

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

14611 (STATION) | BRUNSWICK, ME (STATION NAME) | JANUARY 1973-DECEMBER 1982 (YEARS) | JANUARY (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	3.2		3.4	5.6	1.9	26.3			19.6		1.1	6.4		58.2
NNE	4.5		2.7	2.3	1.4	28.8			17.6	.5	.5	9.5		57.7
NE	3.4		2.2	2.2	1.1	29.2			21.3	1.1	4.5	1.1		55.1
ENE	20.0								23.3		6.7			70.0
E	21.6					21.1			31.6		5.3			42.1
ESE	16.7								50.0					33.3
SE	50.0	12.5			12.5			12.5	37.5					37.5
SSE	20.7		3.4				3.4		41.4					58.6
S	21.3	1.9	5.6		.9	2.8			40.7		8.3	.9		47.2
SSW	3.4	.8	2.5			5.1			22.0		6.8			66.9
SW	2.2		.7			3.6		.7	8.0		2.2			86.1
WSW	.7	.7				2.2			5.8	.7	.7			91.4
W	2.2					3.6			7.2	1.4	.7	.7		87.8
WNW	.7					2.8			1.4	1.4	2.8	.7		90.9
NW	.5		.5	.5		2.4			2.8	.5	1.9	.9		91.9
NNW	3.7		2.9	1.2	.4	12.2			14.7		.4	1.2		75.1
VARIABLE														
CALM	.9	.2	.6	.4	.2	3.6			11.1	2.8	4.9			17.3
TOTAL	100	6	50	34	15	270	1	3	366	21	66	54		1810
% TOTAL	4.3	.2	2.0	1.4	.6	10.9	.0	.1	14.7	.8	2.7	2.2		72.9

TOTAL NUMBER OF OBSERVATIONS 2,482

NAVWEASERVCOM

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

14611 STATION | BRUNSWICK, ME STATION NAME | JANUARY 1973-DECEMBER 1982 YEARS | FEBRUARY 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	2.4		1.6	1.0	1.3	15.7			14.4		2.9	3.2		69.0
NNE	7.2		7.9	7.2	5.3	23.0			27.0	2.0	.7	2.6		51.3
NE	8.9		7.4	5.9	1.5	16.2			23.5		4.4	2.9		57.4
ENE	15.2		15.2	3.0	3.0	15.2			39.4		6.1	3.0		36.4
E	24.2			3.0		9.1			48.5		9.1			33.3
ESE	31.8		4.5			18.2			45.5		9.1			27.3
SE	26.3					5.3			36.8					57.9
SSE	8.6					8.6			22.9		5.7			65.7
S	7.4		3.7			4.4			21.3	.7	8.1			68.4
SSW	4.8	3.2	.8			1.6			16.9	1.6	4.0			72.6
SW	1.4					2.8			8.3	1.4	2.8			87.5
WSW	1.4	1.4				4.3			5.7	1.4	5.7			87.1
W						2.5			5.9	.8	.8			91.6
WNW			.6			3.0			4.2		.6	1.8		91.6
NW						5.7			2.8	.5	1.4	2.4		89.1
NNW	.4					7.9			6.5		1.8	1.1		86.4
VARIABLE														
CALM	1.2		1.5	.1	.2	4.2			16.8	1.2	6.7			73.8
TOTAL	76	5	41	23	15	183			322	15	81	28		1691
% TOTAL	3.4	.2	1.8	1.0	.7	8.1			14.3	.7	3.6	1.2		75.0

TOTAL NUMBER OF OBSERVATIONS 2,256

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

14611 (STATION) BRUNSWICK, ME (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) MARCH (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	4.5	1.2	6.9	.8		11.8		.4	21.5	.4	2.8	2.0		65.4
NNE	8.6	.6	6.1	1.2		10.4			18.4		1.8	.6		69.9
NE	15.8		5.3	1.1		12.6			23.2		1.1	2.1		63.2
ENE	16.7		4.2	2.1	2.1	20.8			37.5		6.3			47.9
E	13.0		3.3			16.4			45.9		8.2			37.7
ESE	24.2		6.1			9.1			36.4	3.0	6.1			48.5
SE	19.0	2.4	4.8	2.4		4.8			50.0		9.5			39.1
SSE	15.5	1.4	5.6			5.6			32.4		9.9			53.5
S	6.2	2.9	5.5		.3	3.9			28.3	.3	8.5	.3		59.9
SSW	7.0	1.6	1.1		.5	3.8			24.7	2.7	10.2	.5		60.2
SW	1.3	1.3	1.3			2.5			17.7		6.3			73.4
WSW	3.0					3.8			13.2		7.5			77.4
W	.9	.9	.9			2.7			8.2		1.8			87.3
WNW	.7	.7	.7						3.3		2.0	.7		93.3
NW		.4	1.7			2.2			3.1		1.3	.4	.4	93.4
NNW	2.1	.4	1.7			5.6			10.7	.4	1.7	1.3		84.2
VARIABLE														
CALM	4.3		2.1	.5		2.1			24.7	2.7	6.4			56.3
TOTAL	143	23	82	9	3	139		1	499	19	122	15	1	1742
% TOTAL	5.8	.9	3.3	.4	.1	5.6		.0	20.1	.8	4.9	.6	.0	70.2

TOTAL NUMBER OF OBSERVATIONS 2,480

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4431-84321

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

14611 (STATION) BRUNSWICK, ME (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) APRIL (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	7.6	4.7	2.0		.4	8.3			21.3	.8	3.6	1.2		64.4
NNE	16.2	2.5	11.8	.8	1.7	4.2			34.5		4.2			53.9
NE	24.1	1.0	11.0		1.0	7.0			43.0		3.0			49.0
ENE	27.9	5.9	11.8		1.5	10.3			47.1	1.5	2.9			39.7
E	42.6		4.3		2.1	4.3			55.3		2.1			34.0
ESE	19.7	6.6	11.5			6.6			49.2	1.6	4.9			36.1
SE	26.7		11.1			4.4			60.0		4.4			31.1
SSE	16.3	5.3	3.2		1.1				39.4		8.5			51.1
S	4.0	4.4	1.3			.3			16.8	1.0	14.5			66.3
SSW	3.2	2.6	3.2			1.3			20.5	1.9	14.7			64.1
SW	3.7	2.5	2.5						17.3	2.5	7.4			71.6
WSW	4.1	1.4	1.4			1.4			10.8	1.4	1.4			86.5
W	.5	2.4				.8			8.1		4.8			86.3
WNW	1.1	.6	1.1			.6			2.3		1.7	.6		94.3
NW	1.5	1.0				1.9			5.3	.5	1.0	3.4		88.3
NNW	1.0	1.9	.5			1.4			3.6		2.4	.5		90.9
VARIABLE														
CALM	.1	.7	.7		.3	.3		.3	14.5	4.5	9.9			67.8
TOTAL	183	61	72	1	8	62		1	484	27	151	12		1663
% TOTAL	7.6	2.5	3.0	.0	.3	2.6		.0	20.2	1.1	6.3	.5		69.3

TOTAL NUMBER OF OBSERVATIONS 2,400

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

14611 (STATION) BRUNSWICK, ME (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) MAY (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	5.9	7.6	4.3			.5			18.4	1.1	6.5			67.0
NNE	9.2	5.0	5.9			.8			23.5	5.0	6.7			63.0
NE	14.6	3.1	11.5						46.9	1.0	4.2			46.9
ENE	25.7		20.3					1.4	62.2		4.1			32.4
E	18.0	8.0	15.0					1.0	63.0	1.0	4.0			30.0
ESE	9.0	6.0	14.9						46.3	1.5	11.9			37.3
SE	9.9	7.4	9.9						45.7		12.3			43.2
SSE	4.7	2.3	8.6						34.4	1.6	16.4			46.9
S	3.9	3.5	2.3					.2	19.9	2.0	21.3			57.0
SSW	2.9	2.4	1.0					.5	17.8	2.4	20.2			60.6
SW	1.5	3.0	1.5						18.2	1.5	9.1			72.7
WSW		4.8							14.5	3.2	4.8			77.4
W	1.4		1.4						12.7	1.4	5.6			80.3
WNW		1.1							2.3		3.4			94.3
NW		4.0				.8			2.4	.8	5.6			87.1
NNW	2.1	6.4	2.1					.7	9.3		5.7			80.0
VARIABLE														
CALM	3.1	1.9	4.5						30.4	9.5	8.9			54.9
TOTAL	135	94	120			3		5	624	67	284			1489
% TOTAL	5.4	3.8	4.8			.1		.2	25.2	2.7	11.5			60.0

TOTAL NUMBER OF OBSERVATIONS 2,480

NAVWEASERVCOM

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

14311 (STATION) | BRUNSWICK, ME (STATION NAME) | JANUARY 1973-DECEMBER 1982 (YEARS) | JUNE (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	7.[illegible]	4.4	1.9					.6	18.2	.6	12.6			65.4
NNE	8.[illegible]	2.3	10.2						28.4	2.3	9.1			60.2
NE	16.4	4.9	9.8						39.3	3.3	3.3			49.2
ENE	8.7	2.2	21.7						45.7		15.2			34.8
E	14.5	4.3	14.5					1.4	50.7	2.9	20.3			24.6
ESE	8.[illegible]	6.0	16.0						52.0	2.0	20.0			26.0
SE	[illegible].7	4.3	[illegible].7						42.0	1.4	13.0			43.5
SSE	8.7	4.3	2.9					.7	42.8	2.9	20.3			34.8
S	4.[illegible]	2.7	1.2					.5	27.1	2.6	27.0			44.0
SSW	1.7	2.6	.7						18.9	3.0	28.1			54.0
SW	2.3	6.9	1.1					1.1	13.8	3.4	32.2			48.3
WSW	3.7	3.7	3.7						13.0	3.7	11.1			70.4
W	6.2	6.2							9.9	1.2	11.1			71.6
WNW		3.1	1.0						4.2	1.0	13.5			77.1
NW	4.3	6.5	1.1					1.1	14.1		7.6			76.1
NNW	2.[illegible]	1.0	4.0						11.9	1.0	13.9			73.3
VARIABLE														
CALM	~~4.4~~	~~2.8~~	~~2.5~~						~~30.8~~	~~9.7~~	~~12.1~~			~~47.0~~
TOTAL	126	84	82					8	619	76	457			1239
% TOTAL	5.3	3.5	3.4					.3	25.8	3.2	19.0			51.6

TOTAL NUMBER OF OBSERVATIONS 2,400

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

14511 STATION | BRUNSWICK, ME STATION NAME | JANUARY 1973-DECEMBER 1982 YEARS | JULY 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	2.6	4.7	4.7					1.3	16.0	1.3	10.0			68.7
NNE	5.1	3.4	1.7						20.3	1.7	18.6			52.5
NE	2.5		2.5						27.5		5.0			67.5
ENE	4.7	18.6	4.7					2.3	41.9	2.3	16.3			37.2
E	4.5	4.5	25.0					2.3	63.6		22.7			20.5
ESE	8.9	2.2	17.8					2.2	53.3	2.2	17.8			28.9
SE	2.2	6.5	4.3					2.2	60.9		17.4			26.1
SSE	5.2	3.1	7.2					1.0	38.1	2.1	34.0			30.9
S	2.0	4.4	2.2					1.7	26.2	1.4	38.4			37.4
SSW	1.5	5.3	2.0					1.2	18.7	1.5	36.3			45.6
SW		5.3	1.5					1.5	23.7	3.8	27.5			48.9
WSW		11.1						1.9	16.7		29.6			51.9
W	1.3	6.4						5.1	15.4		11.5			70.5
WNW	1.0	1.0	1.0					2.9	5.9	1.0	4.9			85.3
NW	.8	1.6						1.6	3.3	.8	5.7			89.3
NNW	1.9	4.5	.8					2.3	11.4	.8	12.1			73.5
VARIABLE														
CALM	.7	2.0	3.5					.5	28.5	9.4	18.8			48.5
TOTAL	45	105	77					38	593	66	610			1254
% TOTAL	1.9	4.2	3.1					1.5	23.9	2.7	24.6			50.6

TOTAL NUMBER OF OBSERVATIONS 2,480

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

14611 (STATION) BRUNSWICK, ME (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) AUGUST (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	6.3	3.9	1.0						20.5	2.9	14.1			60.0
NNE	8.6	7.5	1.1						30.1	1.1	11.8			52.7
NE	11.3	5.7	5.7						45.3		9.4			47.2
ENE	16.6	16.3	4.7					2.3	44.2	2.3	25.6			27.9
E	13.2	5.7	3.8					5.7	56.6		9.4			32.1
ESE	7.0	8.8	17.5					1.8	63.2	1.8	17.5			17.5
SE	4.1	6.1	6.1					4.1	49.0		22.4			32.7
SSE	6.7	5.6	1.1					1.1	30.0	2.2	28.9			41.1
S	2.9	2.4	2.0					.6	28.5	2.8	29.9			41.4
SSW	1.4	2.8	1.7					.7	31.4	1.7	25.9			46.2
SW	3.3	2.2	1.1					1.1	23.9	4.3	21.7			51.1
WSW	5.6	9.3	1.9					1.9	29.6		22.2			44.4
W	1.0	2.0	1.0						11.8	1.0	16.7			71.6
WNW		1.1							5.7		11.5			83.9
NW	.9	.9	.9						5.7		9.4			84.0
NNW	.8	1.5						.8	6.9	2.3	13.1			77.7
VARIABLE														
CALM	.5	2.1	1.7					.4	33.5	10.4	13.1			39.0
TOTAL	91	94	51					18	694	87	477			1270
% TOTAL	3.3	3.4	2.1					.7	28.0	3.5	19.2			51.2

TOTAL NUMBER OF OBSERVATIONS 2,480

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

14511 (STATION) BRUNSWICK, ME (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) SEPTEMBER (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	5.9	5.2	5.2					1.4	34.3	.9	3.8			59.2
NNE	13.1	3.9	7.1						26.8	.8	2.4			50.6
NE	21.3	9.8	4.9					1.6	41.0	3.3	6.6			42.6
ENE	8.3	8.3	5.6					2.8	38.9		5.6			50.0
E	25.8	6.5	9.7						41.9	6.5	6.5			35.5
ESE	16.2							2.7	29.7		13.5			54.1
SE	5.7	14.3	5.7						37.1		14.3			45.7
SSE	8.3	3.0	6.9					1.1	41.4		16.1			42.5
S	4.3	3.3	2.1					.2	29.2	1.2	15.9			54.0
SSW	3.7	4.8	1.1					.4	34.9	.4	16.0			49.8
SW	1.2	3.1							21.6	1.0	11.3			66.0
WSW	6.5	3.2						1.6	16.1		8.1			74.2
W									2.3	1.1	8.0			88.5
WNW	1.0								7.7	1.9	4.8			85.6
NW	1.0		1.0						8.7	1.2	3.8			87.5
NNW	2.0	.7	3.3						11.8	1.3	3.9			81.7
VARIABLE														
CALM	1.7	1.3	1.9						39.7	10.3	5.5			34.5
TOTAL	129	78	63					10	681	69	217			1444
% TOTAL	5.3	3.3	2.6					.4	26.7	2.9	9.0			60.2

TOTAL NUMBER OF OBSERVATIONS 2,400

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

1w911 (STATION) BRUNSWICK, ME (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) OCTOBER (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	10.7	1.8	5.0		.4	.7			26.3	1.1	2.8			69.0
NNE	17.3	2.2	9.6						35.6	.7	2.2			58.5
NE	21.1	5.6	8.5			1.4			45.1					49.3
ENE	21.4	2.4	9.5			2.4		2.4	42.9		4.8			50.0
E	26.5	10.2	12.2					2.0	67.3		4.1			30.6
ESE	26.2	4.8	7.1						52.4		11.9			35.7
SE	21.1	15.8	15.8						52.6		5.3			36.8
SSE	11.1	2.8	3.8						38.9		9.7			50.0
S	6.7	4.1	2.9					.3	35.5	3.5	11.1			60.2
SSW	4.7	2.4	1.9						22.2	2.3	8.0			67.0
SW	1.8	3.5	.9					.9	8.0	.9	6.2			83.2
WSW	2.2								6.7	2.2	1.1			88.9
W	.2		.9						10.1	.9	2.8			86.2
WNW	2.4		.8						11.1		1.6			87.3
NW	1.4								10.3		1.4			88.4
NNW	3.2	.9	.9						12.2	.5	3.2			83.8
VARIABLE														
CALM	4.1	.5	1.4	.5					27.2	7.3	2.5			62.7
TOTAL	173	51	75	2	1	4		4	593	58	113			1697
% TOTAL	6.9	2.1	3.0	.1	.0	.2		.2	23.9	2.3	4.6			68.4

TOTAL NUMBER OF OBSERVATIONS 2,480

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

14611 (STATION) BRUNSWICK, ME (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) NOVEMBER (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	7.5	1.8	7.0	.4	.4	7.0			29.6	1.5	2.6	1.5		62.6
NNE	14.5	1.7	11.7	1.1		2.8			40.9	1.1	2.8	.6		50.3
NE	11.3	1.6	9.7	3.2		6.5			38.7		6.5			48.4
ENE	16.7		16.7			8.3			33.3					52.8
E	36.7		16.7						66.7		3.3			30.0
ESE	42.1		5.3						42.1					52.6
SE	33.3								33.3					66.7
SSE	26.3	2.6	7.9						36.8		15.8			36.8
S	9.5	3.5	4.5			1.0			39.0	2.5	9.0			47.5
SSW	7.3	1.8	2.4					.6	30.3	1.2	12.1			57.0
SW	6.7	.7	.7			.7			17.4	2.0	6.7			73.2
WSW	3.6	.7							12.4	.7	3.6			82.5
W	3.6					.7			7.3					92.0
WNW	1.5		1.5			2.9			10.3		1.5			86.2
NW	2.1		2.1			1.4			7.7		.7	.7		89.5
NNW	8.3		3.1			3.9			22.4	1.3	1.3	.9		73.7
VARIABLE														
CALM	4.6	.7	3.5	.2		.9			31.6	3.5	5.7			57.4
TOTAL	184	25	103	6	1	54		1	626	45	108	8		1563
% TOTAL	7.9	1.0	4.3	.3	.0	2.3		.0	26.1	1.9	4.5	.3		65.1

TOTAL NUMBER OF OBSERVATIONS 2,400

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4

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

14611 (STATION) — BRUNSWICK, ME (STATION NAME) — JANUARY 1973-DECEMBER 1982 (YEARS) — DECEMBER (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	2.7		4.2	2.7	2.4	23.6			10.8	.3	1.5	3.3		60.6
NNE	4.9		4.9	2.7	2.7	26.2			20.9	.4	2.2	7.1		54.7
NE	10.5			1.5		24.6			21.5					61.5
ENE	23.1		3.8		3.8	15.4			34.6					53.8
E	40.0		20.0	4.0		24.0			60.0					20.0
ESE	56.3								56.3		6.3			31.3
SE	30.3					7.7			46.2	7.7	7.7			30.8
SSE	22.3	2.0	6.0			2.0			62.0		6.0			30.0
S	12.9	2.6	3.4	1.7		3.4			30.7	2.6	3.4			52.6
SSW	7.6	.6	3.2			4.4			28.5	2.5	7.6			57.6
SW	2.8	.7				4.2			8.4	.7	2.8			83.9
WSW	2.0		1.0			4.0			12.0		2.0			83.0
W	2.0	1.0	1.0			4.0			8.9		2.0	1.0		86.1
WNW	.6		2.5			9.3			7.5	.6				85.7
NW	.5	.5	.5	.5	.5	6.9			6.4	1.0		2.5		85.7
NNW	.8	.4	1.2	1.6	1.2	7.7			8.1		1.5	3.1		83.1
VARIABLE														
CALM	1.6	.4	.8	.8		3.5			20.0	2.5	5.6			71.0
TOTAL	115	11	57	28	19	255			460	26	70	41		1721
% TOTAL	4.6	.4	2.3	1.1	.9	10.3			18.6	1.0	2.8	1.7		69.5

TOTAL NUMBER OF OBSERVATIONS 2,478

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PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

14.11 (STATION) BRUNSWICK, ME (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) ALL (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	5.9	2.4	4.2	1.2	.7	10.0		.2	21.2	.8	4.5	1.9		63.7
NNE	9.9	1.9	6.8	1.6	1.1	11.1			26.5	1.1	3.9	2.6		57.2
NE	14.1	2.4	6.9	1.2	.3	8.9		.1	34.7	.7	3.7	.6		52.8
ENE	16.1	4.6	10.9	.4	.8	5.7		1.0	43.2	.6	7.8	.2		42.5
E	22.1	4.1	10.9	.4	.2	4.5		1.2	55.8	.9	8.6			30.5
ESE	18.2	4.2	11.0			2.4		.7	48.8	1.3	11.9			34.5
SE	13.4	5.7	7.0	.2	.2	1.4		.9	47.6	.5	11.6			39.5
SSE	11.3	3.7	4.8		.1	.9	.1	.4	38.3	1.1	16.7			43.4
S	5.0	3.2	2.6	.3	.0	.7		.5	26.7	1.9	21.0	.0		50.8
SSW	3.6	2.9	1.7		.0	.9		.4	24.1	1.9	18.7	.0		56.2
SW	2.4	2.3	.9			1.3		.5	15.2	1.8	11.1			71.3
WSW	2.6	2.3	.5			1.4		.3	11.9	1.1	6.3			79.3
W	1.7	1.4	.4			1.4		.3	8.7	.6	4.8	.2		84.3
WNW	.8	.5	.8			1.9		.2	5.4	.5	3.3	.4		88.5
NW	.9	.9	.6	.1	.1	2.3		.2	5.5	.4	2.6	1.1	.1	88.4
NNW	2.4	1.2	1.6	.3	.2	4.2		.2	10.8	.5	3.9	.9		81.1
VARIABLE														
CALM	2.2	1.3	3.0	.3	.1	1.3		.1	25.5	6.3	8.0			51.1
TOTAL	1496	627	873	103	62	970	1	88	6521	576	2756	158	1	18583
% TOTAL	5.1	2.1	3.0	.4	.2	3.3	.0	.3	22.3	2.0	9.4	.5	.0	63.6

TOTAL NUMBER OF OBSERVATIONS 29,216

NAVWEASERVCOM

NOCD. Federal Building
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PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

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

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

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

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

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

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

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

4

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION

(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	[illegible]	1[illegible].3	1.[illegible]	[illegible].5	[illegible]	8.3	[illegible]	[illegible].2	2.[illegible]	.2				36.1	930	3.93	13.71	.6[illegible]
FEB	[illegible]	1[illegible].3	[illegible].1	5.0	[illegible]	7.0	5.[illegible]	5.9	[illegible].9	.1				34.[illegible]	847	3.78	7.34	1.[illegible]
MAR	[illegible]	1[illegible].4	[illegible]	[illegible].6	4.4	7.8	[illegible].1	7.0	[illegible]					35.[illegible]	[illegible]	4.14	[illegible].87	.7[illegible]
APR	[illegible].3	13.9	[illegible].1	[illegible].9	4.[illegible]	8.6	[illegible].1	4.0	[illegible].1	.2				37.8	930	3.80	6.3[illegible]	1.13
MAY	[illegible]	17.0	[illegible].4	[illegible].0	4.4	8.6	[illegible].2	4.8	1.7					37.1	961	3.25	6.54	.54
JUN	[illegible]	16.[illegible]	4.1	7.6	4.[illegible]	7.1	6.5	[illegible].8	2.[illegible]	.2				36.[illegible]	[illegible]	3.36	6.69	.67
JUL	[illegible]	16.[illegible]	2.4	6.0	[illegible].[illegible]	6.5	4.3	4.1	1.[illegible]	.1				[illegible].2	[illegible]	2.76	5.92	.8[illegible]
AUG	[illegible]	14.2	3.1	6.[illegible]	[illegible].3	6.[illegible]	5.1	4.2	[illegible].[illegible]		.1			30.6	930	3.1[illegible]	8.[illegible]	1.[illegible]
SEP	[illegible].[illegible]	1[illegible].1	3.[illegible]	5.9	5.[illegible]	5.9	4.[illegible]	4.8	1.[illegible]	.[illegible]	.1			[illegible].2	930	3.33	11.60	.6[illegible]
OCT	[illegible].[illegible]	11.[illegible]	3.[illegible]	5.4	3.2	6.1	4.[illegible]	4.6	2.[illegible]	.4				31.[illegible]	961	3.81	8.64	.9[illegible]
NOV	[illegible]	11.2	[illegible].2	6.2	[illegible].6	7.6	6.3	6.0	4.4	.1				39.6	930	4.67	[illegible].28	1.22
DEC	[illegible]	17.1	2.4	5.8	[illegible].9	7.7	7.4	5.7	4.[illegible]	.2				38.1	[illegible]	4.70	9.99	1.[illegible]
ANNUAL	[illegible].1	14.[illegible]	2.[illegible]	[illegible].2	4.7	7.3	5.9	5.1	2.[illegible]	.1	.[illegible]			36.[illegible]	11201	44.71		

NAVWEASERVCOM

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION

(FROM DAILY OBSERVATIONS)

4

40653

1- 11 — STATION

[illegible] — STATION NAME

52-[illegible] — 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]	17.6	[illegible]	6.1	4.3	2.5	1.6	2.4	1.6	.6	.2			24.[illegible]	930	20.2	47.8	.6
FEB	[illegible]	17.6	4.7	6.8	3.4	2.2	1.4	1.9	2.[illegible]	.7	.1			23.[illegible]	847	18.2	49.1	2.4
MAR	66.[illegible]	14.7	3.7	4.7	3.2	1.6	1.2	1.8	1.7	.7				13.5	899	14.0	43.5	.7
APR	[illegible]	7.9	1.2	1.6	1.4	.6	.[illegible]	.1	.[illegible]	.1				5.[illegible]	900	3.6	13.7	.[illegible]
MAY	[illegible]	1.4		.1	.1	.1								.3	961	.2	2.[illegible]	.[illegible]
JUN	[illegible]														930	.0	.3	.[illegible]
JUL	[illegible]	.1													961	TRACE	TRACE	.[illegible]
AUG	[illegible]														961	.0	.[illegible]	.[illegible]
SEP	[illegible]														930	.0	.3	.[illegible]
OCT	[illegible]	[illegible]	.1	.3	.1		.1							.6	961	.3	4.4	.[illegible]
NOV	[illegible]	[illegible]	1.3	2.4	.6	.4	.2	.6	.1	.1				5.[illegible]	930	3.4	13.7	.[illegible]
DEC	[illegible]	13.9	4.1	[illegible].2	2.9	3.3	1.[illegible]	1.7	1.7	.[illegible]	.3			22.1	961	18.4	61.7	.2
ANNUAL	[illegible].1	7.[illegible]	1.7	2.3	1.3	.9	.6	.7	.[illegible]	.2	.[illegible]			[illegible].[illegible]	11171	80.3		

NAVWEASERVCOM

4

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOW DEPTH

(FROM DAILY OBSERVATIONS)

1- 11 — STATION

[illegible] — STATION NAME

[illegible] — 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]	[illegible]	[illegible]	[illegible]	11.7	14.6	22.4	14.7	3.1	1.6				[illegible]	899			
FEB	7.	1 [illegible]	[illegible]	[illegible]	7.4	14.9	19.3	16.4	3.4	.1				[illegible]	919			
MAR	[illegible]	15.	[illegible]	[illegible]	4.1	[illegible]	12.6	11.9	1.7					[illegible]	93[illegible]			
APR	[illegible]	[illegible]	[illegible]	1.1	[illegible]	.7	1.4	.2						[illegible]	9[illegible]			
MAY	[illegible]		.1											.1	[illegible]			
JUN	[illegible]														[illegible]			
JUL	[illegible]														[illegible]			
AUG	[illegible]														[illegible]			
SEP	[illegible]														[illegible]			
OCT	[illegible]	[illegible]	.1	.1	.1									.1	961			
NOV	[illegible]	[illegible]	[illegible]	1.5	1.1	1.3	[illegible]							[illegible]	[illegible]			
DEC	[illegible]	12.1	13.[illegible]	6.9	[illegible]	13.6	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	961			
ANNUAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.2	[illegible]	[illegible]				[illegible]	11143			

NAVWEASERVCOM

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

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

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION | STATION NAME | YEARS

[illegible] AMOUNT IN INCHES

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
	[illegible]	[illegible]	[illegible]	1.1[illegible]	.44	1.73	1.2[illegible]	1.[illegible]	.61	1.32	1.4[illegible]	.3[illegible]	[illegible]
MEAN	1.1[illegible]	1.2[illegible]	1.2[illegible]	1.43	1.[illegible]	1.2[illegible]	1.[illegible]	1.27	1.[illegible]	1.4[illegible]	1.4[illegible]	1.[illegible]	2.67
S.D.	.62[illegible]	.46[illegible]	.51[illegible]	.63[illegible]	.[illegible]43	.629	.[illegible]30	.[illegible]79	1.41[illegible]	.748	.5[illegible]	.7[illegible]	1.2[illegible]9
TOTAL OBS.	[illegible]	[illegible]47	93[illegible]	93[illegible]	[illegible]61	93[illegible]	961	93[illegible]	[illegible]30	961	930	96[illegible]	112[illegible]1

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION | STATION NAME | YEARS

24 HOUR AMOUNTS IN INCHES
/BASED ON LESS THAN FULL MONTHS/

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

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

[illegible] FALL
(FROM DAILY OBSERVATIONS)

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

[illegible] AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]											1.1		
[illegible]	6.0	4.7	1.7	3.5						.0	.3	2.4	
[illegible]		4.3	7.1								1.1	3.7	7.1
75	3.[illegible]	10.0	5.2								.7	4.6	1 .0
[illegible]										.0	4.3	4.3	
[illegible]		2.		5.6							.0	1.0	5.7
[illegible]			12.3	2.1							1.[illegible]	6.[illegible]	12.3
[illegible]	6.		11.1								5.5	6.9	11.5
[illegible]	12.0		12.6							.0	.0	15.4	15.4
[illegible]	10.1	3.1	12.1	2.3						1.4	3.5	9.[illegible]	12.1
[illegible]													
73										2.0	.0	7.7	9.0
[illegible]											.0		
75		6.2		.4						1.1	.8	4.0	6.9
6	17.4												17.4
67												7.6	
[illegible]													
[illegible]		10.[illegible]								4.4		16.7	16.7
[illegible]													
[illegible]	5.			10.[illegible]								6.[illegible]	1..5
[illegible]													
[illegible]	10.5			2.1								4.[illegible]	10.5
[illegible]													
[illegible]	8.2		6.9	3.6							4.8	9.5	9.5
6													
77	17.0			2.4							.8		17.0
[illegible]													
[illegible]		2.4		2.							.8	1.	8.4
[illegible]													
1	5.7	3.7										3.[illegible]	5.7
MEAN													
S.D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SNOWFALL
(FROM DAILY OBSERVATIONS)

[illegible] / STATION

[illegible] / STATION NAME

[illegible] / YEARS

24 HOUR AMOUNTS IN INCHES

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]	[illegible]	[illegible]		9.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.5	.5	4.1	
MEAN	[illegible]	7.00	[illegible].43	2.24	.16	.00	.00	[illegible].0	[illegible].0	.31	[illegible].23	[illegible]	11.34
S.D.	[illegible].73	[illegible].764	[illegible].674	2.851	[illegible].633	[illegible].030	[illegible].000	[illegible].0	[illegible].000	.892	[illegible].145	4.677	4.131
TOTAL OBS.	3	[illegible]47	[illegible]99	[illegible]	[illegible]61	[illegible]3	[illegible]61	[illegible]1	[illegible]31	[illegible] 1	[illegible]3	[illegible]61	11171

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NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SNOWFALL
(FROM DAILY OBSERVATIONS)

[illegible] | [illegible], MD | [illegible]
STATION | STATION NAME | YEARS

24 HOUR AMOUNTS IN INCHES
/BASED ON LESS THAN FULL MONTH/

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]	• 1 [illegible]	• 1	2.3 21										SNOFALL DAYS
4				• 3 22									SNOFALL DAYS
[illegible]			• 3 30										SNOFALL DAYS
MEAN													
S. D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

24 11 — STATION
TROY SWITCH, MT — STATION NAME
52-[illegible] — YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
2													
3												22	
4	11	13											13
5		20											20
56	7	19	25	19									25
57	24	7		5									26
58	10	27	17										27
59		14	15									13	15
60			14									15	15
61	17	1	17	1								19	19
62		21	24									17	25
63	17	25	27										27
64	13	13	15									11	15
65			1							1	1	4	9
66	17	17	4										17
67	7	23	27	4							1		27
68	23	7											23
69	17	32	34							3		12	34
70												41	41
71	33	29	22	10							5	6	33
72		26	23								9	25	33
73	25	17	2										26
74	14	6									5	17	14
75		13										24	23
76	22		13								1	24	24
77	42	30	12								1	1	42
78	31	25	14								1		35
79	24	5		1									26
80												9	
81	12	6										12	12
MEAN													
S.D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

14 11 — STATION
[illegible] — STATION NAME
[illegible] — YEARS

DAILY SNOW DEPTH IN INCHES

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]	1[illegible]	1[illegible]	1[illegible]	11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1	4	16
MEAN	[illegible]	[illegible]	[illegible]	2.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
S.D.	[illegible]	[illegible]	[illegible]	4.379	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.562	2.614	[illegible]	[illegible]
TOTAL OBS.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11143

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

STATION | STATION NAME | YEARS

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

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

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

STATION | STATION NAME | YEARS

MONTH

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

MONTH

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

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

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

STATION _____ STATION NAME _____ YEARS _____

MONTH _____

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

MONTH _____

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

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

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

STATION | STATION NAME | YEARS

MONTH

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

MONTH

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

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

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

STATION	STATION NAME	YEARS
[illegible]	[illegible]	1 [illegible]-1982

JULY
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	[illegible]	46	1[illegible]79			
2	1.12	[illegible]	1955			
3	[illegible].1	15	1967			
4	[illegible].70	51	1974			
5	[illegible].[illegible]	[illegible]3	1[illegible]81			
6	[illegible].[illegible]1	26	1[illegible]91			
7	[illegible].[illegible]	6	1[illegible]67			
8	1.[illegible]	36	1[illegible]57			
9	[illegible].[illegible]	24	1974			
10	[illegible].[illegible]	1[illegible]	1[illegible]67			
11	[illegible].[illegible]1	36	1[illegible]58			
12	1.[illegible]	33	1976			
13	[illegible].[illegible]	4	1[illegible]57			
14	[illegible].[illegible]5	[illegible]2	1[illegible]6			
15	[illegible].[illegible]	24	1[illegible]78			
16	1.[illegible]3	[illegible]4	1[illegible]5[illegible]		T	[illegible]30
17	[illegible].[illegible]7	[illegible]7	1[illegible]75			
18	[illegible].10	3	1[illegible]65			
19	[illegible].[illegible]8	[illegible]2	1[illegible]71			
20	[illegible].1	3[illegible]	1[illegible]42			
21	[illegible].[illegible]4	[illegible]2	1[illegible]81			
22	[illegible].[illegible]3	16	1[illegible]32			
23	[illegible].[illegible]1	10	1[illegible]53			
24	[illegible].2	33	1[illegible]76			
25	[illegible].[illegible]7	1[illegible]	196[illegible]			
26	[illegible].[illegible]3	[illegible]	1[illegible]59			
27	[illegible].[illegible]6	17	1[illegible]73			
28	[illegible].22	[illegible]2	1960			
29	[illegible].[illegible]7	[illegible]2	1[illegible]71			
30	1.[illegible]4	[illegible]7	176			
31	[illegible].[illegible]	[illegible]2	1[illegible]75			
Monthly	[illegible].23	[illegible]2	1959		T	[illegible]3[illegible]

[illegible]UST
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.[illegible]7	32	1976			
2	1.[illegible]4	37	197[illegible]			
3	[illegible].1	21	1973			
4	1.[illegible]2	44	1963			
5	1.[illegible]4	44	195[illegible]			
6	1.03	26	1[illegible]77			
7	[illegible].6[illegible]	17	1955			
8	[illegible].5	17	196[illegible]			
9	[illegible].5	14[illegible]	197[illegible]			
10	1.[illegible]7	44	1[illegible]5[illegible]			
11	[illegible].[illegible]5	17	1[illegible]5[illegible]			
12	[illegible].[illegible]0	1[illegible]	1970			
13	[illegible].[illegible]8	22	1979			
14	[illegible].1	1[illegible]	1[illegible]67			
15	[illegible].[illegible]	21	1[illegible]53			
16	[illegible].[illegible]4	1[illegible]	1[illegible]61			
17	1.[illegible]0	26	1[illegible]57			
18	[illegible].3[illegible]	[illegible]	19[illegible]			
19	[illegible].[illegible]7	24	1979			
20	[illegible].7	22	1962			
21	[illegible].[illegible]0	13	1[illegible]5[illegible]			
22	1.[illegible]4	47	19[illegible]6			
23	1.[illegible]	4	197[illegible]			
24	[illegible].33	[illegible]	1[illegible]3[illegible]			
25	[illegible].[illegible]1	15	1[illegible]58			
26	[illegible].[illegible]1	15	1961			
27	[illegible].[illegible]2	16	1971			
28	1.[illegible]0	3[illegible]	1971			
29	1.[illegible]4	3[illegible]	1973			
30	1.[illegible]5	42	197[illegible]			
31	1.2[illegible]	32	1[illegible]5[illegible]			
Monthly	[illegible].[illegible]5	14[illegible]	1976			

* 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 | YEARS

MONTH

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

MONTH

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

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

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

STATION | STATION NAME | YEARS

MONTH

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

MONTH

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

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

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.

C

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SURFACE WI[illegible]
(FROM DAILY OBSERVATIONS)

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

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

1H [illegible] | [illegible], NC | 5-[illegible]
STATION | STATION NAME | YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]	3[illegible] 3[illegible]	31 3[illegible]	27 3[illegible]	3[illegible] 34	34 2[illegible]	2[illegible] 2[illegible]	2[illegible] 3[illegible]	31 33	26 22	17 24	2[illegible] 3[illegible]	1[illegible] 3[illegible]	35 [illegible]
MEAN	.4	4[illegible].7	3[illegible].	3[illegible].[illegible]	3[illegible].[illegible]	3[illegible].[illegible]	3[illegible].4	32.7	3[illegible].1	3[illegible].2	3[illegible].[illegible]	4[illegible].3	4[illegible].6
S.D.	[illegible]. 5	[illegible].321	[illegible].[illegible]5	6.233	[illegible].147	8.918	[illegible]. 6[illegible]	[illegible].[illegible]5	10.366	[illegible].412	[illegible].11[illegible]	6.687	[illegible].[illegible]76
TOTAL OBS.	[illegible]	[illegible]	3[illegible]	[illegible]3[illegible]	[illegible]63	[illegible]39	[illegible]22	[illegible]26	[illegible]26	[illegible]56	[illegible]23	8[illegible]	1[illegible]45

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

14 11 — STATION
[illegible] — STATION NAME
[illegible] — YEARS

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

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
													DAYS
													DAYS
													DAYS
													DAYS
6													DAYS
													DAYS
													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)

14 11 — STATION
[illegible] — STATION NAME
[illegible] — YEARS
JAN — MONTH
ALL WEATHER — CLASS
01 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 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]								15.8	6.5
NNE	[illegible]	[illegible]	[illegible]	[illegible]	.3							10.0	6.4
NE	[illegible]	[illegible]	[illegible]									4.5	5.6
ENE		.1										.6	4.0
E	.3											.3	2.0
ESE													
SE				.7								.3	15.0
SSE					.3							.3	20.0
S	[illegible]	.6	.7	[illegible]	.7	.1						3.9	9.2
SSW	.3	[illegible]	[illegible]		.3							5.2	8.1
SW	.4	[illegible]	[illegible]	.6								5.5	6.1
WSW	.6	[illegible]	[illegible]			.7						6.3	7.1
W	[illegible]	[illegible]	.7	.3								5.2	5.1
WNW	[illegible]	[illegible]	[illegible]	[illegible]								4.2	7.5
NW	.3	[illegible]	[illegible]	[illegible]	.3							6.9	8.4
NNW	[illegible]	[illegible]	[illegible]	[illegible]								9.7	6.3
VARBL													
CALM												*1.3	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.6						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

*U.S. GPO 1984-741-348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH JAN

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	1.3	7.7	7.1	1.3	.6							17.1	7.4
NNE	1.3	3.2	2.4	1.3								10.6	6.0
NE	1.0	1.3	1.0									3.2	5.1
ENE	.6		.3	.3								1.3	7.3
E		.3										.3	4.0
ESE			.3									.3	4.0
SE													
SSE		.3				.3						.6	14.0
S	.6	.6	1.0	.6		.3						3.2	9.5
SSW	1.0	1.0		1.3	.6							3.9	9.8
SW	1.3	1.3	1.3		.3							3.2	6.4
WSW	1.0	2.3	1.6									4.9	5.7
W	.6	2.9	.6	.3								4.5	5.4
WNW	1.3	1.0	.6	.3								3.5	6.1
NW	1.0	1.6	1.0	.6								5.2	6.9
NNW	.6	3.2	2.3	2.3								9.4	7.8
VARBL													
CALM												26.1	
	10.5	25.7	18.1	10.3	1.6	.6						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 310

*U.S. GPO 1984-741-348/201

4

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] STATION [illegible] STATION NAME 73-91 YEARS JAN MONTH

ALL WEATHER 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]	[illegible]	[illegible]	1.9	.6							17.4	6.9
NNE	[illegible]	[illegible]	[illegible]	.4	.3							9.0	6.7
NE	.3	.3	1.3	.3								2.2	7.6
ENE	.3	.6										1.0	5.7
E	.3			.3								.6	7.5
ESE													
SE													
SSE		.3				.3						.6	14.0
S	[illegible]	.3	.6	.3								3.2	9.6
SSW	1.9	1.3	1.6	.6	.3							5.1	7.6
SW	[illegible]	1.3	1.0	1.0								5.9	5.9
WSW	.3	1.6	1.3	.3								3.9	6.2
W	1.3	3.2	.3	1.3								5.8	6.1
WNW	1.3	2.3	1.3									4.9	5.1
NW	1.3	1.6	1.6	1.6								6.8	6.7
NNW	1.6	2.3	3.0	1.0								8.0	7.0
VARBL													
CALM												24.6	
	13.6	23.3	21.2	9.3	1.3	.3						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 311

SMOS

*U.S. GPO 1984-741-348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH JAN

CLASS ALL WEATHER

HOURS (L.S.T.) 10

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.0	6.1	1.9	1.0							13.9	8.8
NNE	2.4	3.0	4.0	1.6	.3							13.2	7.0
NE	1.3	1.0	.7	1.0	.3							4.8	7.0
ENE	.4	.6	.4									1.9	5.3
E	.7											.7	2.0
ESE													
SE		.3										.3	5.0
SSE	1.0		.6			.3						1.9	8.3
S		.3	.7	.6								1.6	9.0
SSW	.4	1.0	.6	1.6								4.5	7.9
SW	.4	1.0	1.7	1.7								5.5	8.5
WSW	1.0	2.3	3.0	1.7								8.0	7.8
W	.7	.7	1.7	.4	.3							2.9	9.0
WNW	1.0	2.0	3.9	1.6	.3							9.3	8.0
NW	.4	1.0	2.6	1.6	.6							7.1	8.7
NNW	.6	1.0	3.9	3.7	.3	.3						9.3	10.2
VARBL													
CALM												15.4	
	11.3	22.5	30.0	16.9	3.0	.6						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 311

*U.S. GPO 1984-741-348/201

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH: JAN

CLASS: ALL WEATHER | HOURS (L.S.T.): 13

CONDITION

SPEED (KNTS) DIR.	1 - 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	3.2	3.5	.3	.2						12.6	9.7
NNE	.6	1.3	2.7	2.6		.2						7.7	9.9
NE	.4	2.4		.7								3.0	5.6
ENE	.4	.7	.7	.3								1.3	7.3
E	.3	.6	.4									1.6	5.8
ESE	.3		.2									.6	5.5
SE		.2										.3	4.0
SSE	.2											.3	7.0
S	1.8	1.3	1.2	1.2	.6	.2						7.4	8.3
SSW	.3	1.3	2.2	.6								4.5	7.8
SW	.2	1.0	3.0	1.6								6.8	8.9
WSW	.2	.3	3.2	1.2	.2							5.2	9.2
W	.6	2.2	1.3	1.4								6.5	7.6
WNW	.2	2.3	3.2	1.0	.6							8.1	9.9
NW	.3	1.2	4.2	2.3	1.0							11.0	9.6
NNW	1.2	2.2	3.2	4.2	.6							11.9	9.2
VARBL													
CALM												10.5	
	9.2	22.2	33.2	20.3	3.5	1.0						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 310

*U.S. GPO 1984-741-348/201

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS 73-82 MONTH JAN

CLASS ALL WEATHER

HOURS (L.S.T.) 16

CONDITION _____

SPEED (KNTS) DIR.	1 - 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	3.0	3.2	3.5	1.3							12.4	8.9
NNE	1.4	1.9	2.3	1.6								7.1	7.0
NE	1.4	1.3	.8	.3								4.5	5.1
ENE	.4	.6	.3									1.6	4.6
E	.4	.8		.3								1.5	5.5
ESE	.4	.8	.7									1.9	6.0
SE	.3	.6										1.0	3.7
SSE	1.3	.7	.4		.3							2.6	5.8
S	1.7	2.3	1.3	.6	.6	.6						6.6	8.6
SSW	1.4	2.7	1.4	1.0	.3							7.1	7.0
SW	1.3	2.3	1.7	.7		.3						5.2	7.3
WSW	.6	.6	2.7	.6								4.2	9.1
W	1.3	2.3	2.3	1.7	.3							8.7	8.0
WNW	.4	3.0	1.3	1.3								6.1	6.9
NW	1.3	3.5	3.3	3.7	.6							12.3	8.8
NNW	.4	2.3	4.3	1.3	1.0							10.3	8.6
VARBL													
CALM												7.7	
	13.9	29.7	27.1	15.5	4.3	1.3						100.3	7.1

TOTAL NUMBER OF OBSERVATIONS 310

#U.S. GPO 1984-741-348/201

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS

CONDITION

HOURS (L.S.T.) 19

SPEED (KNTS) DIR.	1 - 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 310

SMOS

*U.S. GPO 1984-741-348/201

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

22
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 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	4.1	4.1	2.3		.7						17.7	7.0
NNE	1.1	2.4	2.3	.6	.7							7.6	7.6
NE	1.1	1.4	.7	.7								3.9	5.9
ENE		.7		.7								.6	9.5
E	.4	.7										.6	3.5
ESE													
SE	.4					.7						.6	11.0
SSE	.4	1.1		.7	.7							2.3	6.7
S	1.1	.7	.7	.7	.6	.7						3.2	9.6
SSW	1.1	1.7	.6	.7		.6						3.9	8.5
SW	1.4	2.4	1.6	1.3								6.0	6.6
WSW	1.1	1.3	1.3	.7	.7	.7						5.5	7.5
W	1.1	2.0	1.3									4.5	5.0
WNW	1.1	2.4	1.1									4.5	5.1
NW	1.1	4.7	1.9	1.3								10.0	6.7
NNW	1.1	1.9	2.3	.6	.6							6.1	7.2
VARBL													
CALM												19.4	
	14.4	21.1	18.7	9.6	2.7	1.9						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 710

*U.S. GPO 1984 741 348/201

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH JAN

CLASS ALL YEAR IF

HOURS (L.S.T.) ALL

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	5.7	4.7	2.7	.5	.1						15.0	7.8
NNE	1.3	3.7	2.2	1.7	.2	.1						6.9	7.6
NE	.7	1.4	.7	.3	.3							3.6	5.9
ENE	.4	.4	.3	.2								1.2	6.2
E	.2	.1	.1	.1								.3	4.7
ESE	.1	.2	.1									.2	6.2
SE	.1	.2		.1		.1						.3	7.6
SSE	.2	.3	.2	.1	.1	.1						1.2	8.4
S	1.2	.3	.2	.2	.4	.2						4.4	8.6
SSW	1.1	1.3	1.2	.5	.2	.1						4.5	7.8
SW	1.2	1.1	1.2	.3	.2	.1						5.1	7.2
WSW	.7	1.2	2.2	.6	.1	.1						5.0	7.1
W	1.1	2.3	1.2	.8	.1							5.5	6.4
WNW	.7	2.3	1.1	.7	.1							5.1	7.1
NW	1.1	3.2	2.2	1.1	.3							8.0	8.0
NNW	1.5	2.5	3.1	2.0	.4	.2						9.2	8.2
VARBL													
CALM												16.4	
	16.1	25.2	25.2	12.1	3.5	1.1						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 2452

SMOS

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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 FEB

CLASS _____ HOURS (L.S.T.) 01

CONDITION _____

SPEED (KNTS) DIR.	1 - 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 282

*U.S. GPO 1984 741 348/201

4

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 _____

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SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH FEB

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

CONDITION _____

SPEED (KNTS) DIR.	1 - 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 _____

*U.S. GPO 1984-741-348/201

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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 | FEB (MONTH)

CLASS | HOURS (L.S.T.) 10

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.1	7.2	5.1	2.1	.7							14.2	7.9
NNE	1.1	2.1	2.1	1.1	.7							7.8	7.5
NE	.4	1.4	1.1	.4								3.2	6.6
ENE	.4	.4	.7									1.4	6.0
E		1.1	.7									1.8	5.8
ESE	.4	.7	.4	.4								1.9	7.4
SE		1.1										1.1	5.0
SSE	.7	.4			.4							1.4	6.3
S	1.1	2.1		.7	.4							4.4	7.0
SSW	.7	1.4	1.1	1.1								5.3	8.1
SW	1.1	.7	1.4		.4							3.9	7.1
WSW	.4	2.1	1.4	.4								4.3	6.3
W		1.4	1.1	.7	.4	.4						5.3	9.6
WNW	.7	1.1	1.1	1.8								6.7	9.2
NW	.4	.7	6.7	1.1	.7							11.7	10.1
NNW	.4	4.3	5.7	3.2	.7							14.9	9.4
VARBL													
CALM												11.0	
	12.4	25.3	23.2	15.6	4.3	.4						100.2	7.3

TOTAL NUMBER OF OBSERVATIONS 282

SMOS

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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 _____ NORTH

CLASS _____ HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	3.[illegible]	4.7	2.9	1.1							12.4	9.3
NNE	.7	2.[illegible]	1.[illegible]	1.[illegible]	.4							7.4	7.8
NE	.7	.7	1.8									3.2	6.8
ENE	.4		.4									.7	5.5
E		.4	.7	.4								1.4	9.5
ESE	1.1		.4									1.4	3.3
SE		.7										.7	4.5
SSE			1.4		.4							1.8	12.2
S	1.1	2.5	1.7	1.4		.4						8.5	8.3
SSW	.4	1.4	4.[illegible]	1.1								7.4	8.4
SW	.7	.4	2.1	.7								3.9	8.2
WSW	1.4	1.1	1.1	.4	.7							4.6	7.6
W		1.[illegible]	1.[illegible]	2.1	.7							5.7	13.8
WNW	.4	1.4	3.2	2.9	.7							9.4	10.8
NW		1.[illegible]	5.7	4.6	.7							12.4	10.1
NNW	.7	2.9	5.7	2.[illegible]	1.4							13.1	9.5
VARBL													
CALM												5.7	
	6.5	19.3	37.6	21.6	3.2	.4						100.2	8.5

TOTAL NUMBER OF OBSERVATIONS 282

*U.S. GPO 1984-741-348/201

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] STATION | [illegible] STATION NAME | 73-80 YEARS | FEB MONTH

ALL WEATHER CLASS | 16 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.0	2.1	5.7	2.8	.4							11.0	9.3
NNE	2.0	.7	2.1	1.4								6.7	6.7
NE	.0	1.1	.4	.4								2.1	4.3
ENE	1.1	.4										1.4	3.3
E			1.4									1.4	8.0
ESE	.0	.4	.4									1.1	5.7
SE		1.1	.7		.4							2.1	8.5
SSE	.4	1.4	.4	.4								2.5	6.6
S	2.1	3.5	3.0	1.4	.7	.4						11.0	8.0
SSW	1.1	3.2	2.0	2.1								8.9	7.2
SW	.7	.4	1.1	.4								2.5	7.0
WSW	.7	.4	.7	.4		.4						2.5	10.4
W	.4	1.4	1.8	2.1	.4							6.0	9.3
WNW	1.1	2.5	3.2	3.9	.7							11.3	9.8
NW		1.8	3.9	6.4	.4							12.4	10.4
NNW	.7	2.1	4.3	5.0	.4							12.8	9.6
VARBL													
CALM												4.3	
	11.7	31.3	32.7	26.6	3.2	.7						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 282

SMOS

#U.S. GPO 1984-741-348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] / STATION — [illegible] / STATION NAME — [illegible] / YEARS — FEB / MONTH

ALL WEATHER / CLASS — 19 / HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 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	8.4	2.5	2.1	1.1							12.1	6.1
NNE	1.9	.4	1.4	1.1								4.3	7.2
NE	1.0	1.1		.7								3.5	5.5
ENE	.8	.7										1.1	4.3
E	.4	1.1	.4									2.5	4.4
ESE		1.1										1.1	5.3
SE	1.1		.4									1.4	4.0
SSE	.7	1.1										1.8	3.6
S	2.1	2.5	1.5	1.4	.7							9.2	7.3
SSW	.7	2.3	1.1	.4								4.6	5.0
SW	.4	1.4	.7									2.5	3.6
WSW	.7	.7	.4	.7		.4						2.5	9.0
W	1.4	2.1	1.1		.4							5.0	5.8
WNW	1.5	1.4	1.5	2.1								7.1	7.5
NW	1.4	2.5	3.5	1.4	1.5							11.0	9.1
NNW	2.5	3.5	6.4	2.1	.4							15.2	7.5
VARBL													
CALM												14.9	
	17.1	35.5	21.7	12.1	4.3	.4						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 282

*U.S. GPO 1984-741-348/201

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] STATION | [illegible] STATION NAME | [illegible] YEARS | FEB MONTH

ALL WEATHER CLASS | 22 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 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]	.7							17.7	6.6
NNE	1.4	1.4	1.4	.4								5.7	6.1
NE	.4		.4	.4								1.1	7.7
ENE		.4	1.1	.7								2.1	9.0
E	.4	.4										.7	3.5
ESE		.4	.4	.4								1.1	9.0
SE		.4										.4	9.0
SSE	.7	.4	.4		.4							1.8	7.0
S	1.1	1.4	1.1	.4		.4						4.3	6.8
SSW		2.1	1.4	.7	.7	.4						5.1	7.4
SW	1.1	.7	1.4									3.2	5.7
WSW	2.1	.7	.4	.7		.4						4.4	6.2
W	1.1	.4	1.4	.4								5.0	6.8
WNW	1.4	1.1	3.2	1.1	.4							7.8	7.3
NW	1.4	1.4	.7	1.8								5.7	7.7
NNW	1.5	4.3	2.8	3.5	.4							13.1	7.6
VARBL													
CALM												20.9	
	[illegible]	[illegible]	21.3	12.1	2.5	1.1						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 232

*U.S. GPO 1984 741-348/201

4

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH FEB

CLASS ALL JANUARY

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	2.0	3.3	4.3	2.3	.5							13.9	7.4
NNE	1.7	1.6	1.3	1.3	.1							5.7	6.8
NE	1.0	.6	.6	.3	.1	.1						3.1	6.3
ENE	.3	.4	.4	.1		.1						1.3	6.2
E	.3	.4	.3	.3								1.3	5.8
ESE	.3	.4	.3	.1								1.1	6.3
SE	.1	.1	.1		.1							.3	9.3
SSE	.3	.4	.5	.3	.1							1.6	6.1
S	1.4	1.0	1.3	.2	.2	.1						6.3	7.3
SSW	.4	1.0	2.1	1.0	.1	.1						5.5	8.1
SW	.3	.3	1.1	.3	.1							3.2	6.6
WSW	.3	.6	.7	.5	.1	.1						3.1	7.4
W	1.2	1.7	1.2	.8	.2	.1						5.1	7.2
WNW	.4	1.4	2.1	2.0	.3	.1						7.4	8.8
NW	.3	2.0	3.7	2.6	.4							9.4	9.0
NNW	1.2	2.4	4.2	2.0	.7	.1						12.4	8.6
VARBL													
CALM												17.2	
	15.1	22.8	25.4	15.1	3.0	.7						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 2256

*U.S. GPO 1984 741 348/201

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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 MAR

CLASS _____ 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	1.2	2.3	1.4	1.2	.7							10.3	6.8
NNE	1.7	1.3	1.7	1.1	.6							5.8	7.7
NE	1.3	1.1	.7	.7		.2						3.2	7.2
ENE	.8	.6	.7									1.6	4.0
E	1.3		.7	.7								2.4	5.4
ESE			.3									.3	8.0
SE		.4		.2								.6	10.0
SSE	.4		1.0	.4								1.9	9.0
S	1.0	2.6	1.9	1.0	1.0							9.0	7.0
SSW	1.3	1.9	2.4	.7								7.1	5.6
SW	.6	1.6	.6									2.9	5.8
WSW	.6	1.0	.3									1.9	5.0
W	1.3	1.6	2.7		.7							6.5	5.9
WNW	.4	1.0	1.4	2.7								5.1	8.4
NW	.7	.6	2.7	1.9	.6	.3						6.1	10.8
NNW	1.0	2.0	1.6	1.6	.6							7.7	8.2
VARBL													
CALM												26.1	
	14.4	21.0	18.7	11.6	3.5	.6						100.3	5.3

TOTAL NUMBER OF OBSERVATIONS 310

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*U.S. GPO 1984-741-348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MAR 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													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 310

*U.S. GPO 1984-741-348/201

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH MAR

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

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N												12.5	6.5
NNE												7.7	6.8
NE												7.9	4.6
ENE												1.4	4.8
E												1.6	6.0
ESE												1.6	7.2
SE												.6	15.5
SSE												.6	10.5
S												6.5	8.2
SSW												5.5	8.1
SW												1.0	3.7
WSW												2.3	4.6
W												3.5	5.3
WNW												4.5	7.8
NW												9.4	9.2
NNW												7.4	7.9
VARBL													
CALM												16.0	
												100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 710

*U.S. GPO 1984 741-348/201

4

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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 MAR

CLASS _____ HOURS (L.S.T.) 10

CONDITION _____

SPEED (KNTS) DIR.	1 - 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 313

*U.S. GPO 1984-741 348/201

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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 APR

CLASS ALL WEATHER

HOURS (L.S.T.) 13

CONDITION _____

SPEED (KNTS) DIR.	1 - 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 310

SMOS

*U.S. GPO 1984 741 348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH APR

CLASS _____ HOURS (L.S.T.) 15

CONDITION _____

SPEED (KNTS) DIR.	1 - 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 _____

☆U.S. GPO 1984 741 348 201

SMOS

SURFACE WINDS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

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

STATION _____ STATION NAME _____ YEARS _____ MONTH MAY

HOURS (L.S.T.) 19

CLASS _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS 330

SMOS

*U.S. GPO 1984 741-348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH MAY

CLASS _____ HOURS (L.S.T.) 22

CONDITION _____

SPEED (KNTS) DIR.	1 - 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 _____

*U.S. GPO 1984 /41 348 /201

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] MONTH: MAR

CLASS: ALL CAT[illegible] 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]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
SW	[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]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 2460

SMOS

*U.S. GPO 1984 741 348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH Apr

CLASS _____ HOURS (L.S.T.) 01

CONDITION _____

SPEED (KNTS) DIR.	1 - 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	2.7	2.7	1.7								10.3	6.1
NNE	1.3	3.7	1.3	1.3								6.7	5.8
NE	2.3	.3	1.7	.3								4.7	5.1
ENE	.7	.7	.7									2.7	5.8
E	.7	.7	.7	.7								1.7	5.4
ESE	1.3	.7	.3									2.3	3.6
SE	.7	.3	.3	.3								1.7	5.4
SSE		.7	1.3		.7							2.7	5.7
S	1.7	4.3	1.7	1.7								9.3	5.3
SSW	1.7	1.3	1.7									4.7	5.7
SW	2.3	2.3	.3									4.7	3.6
WSW	1.3	1.7	1.3	.7								4.3	5.3
W	1.7	2.3	2.3		.3							6.3	5.4
WNW	.7	1.3	2.3	.7								4.7	6.6
NW	1.7	2.3	1.3	1.3	.3							5.7	7.4
NNW	.7	1.7	2.3	.7								6.7	6.4
VARBL													
CALM												24.3	
	17.3	34.0	20.3	7.3	1.0							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 300

*U.S. GPO 1984-741-348/201

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] [illegible], N.C. [illegible] APR
STATION STATION NAME YEARS MONTH

ALL WEATHER 04
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	3.7	6.4	1.0								10.7	6.6
NNE	.3	2.3	.7	.7								3.7	6.6
NE		1.7	1.7	.3								3.3	6.9
ENE	1.0	.7	1.0									2.7	5.3
E	.7	.7	.7									1.7	5.6
ESE	1.0	.7										1.7	3.0
SE	.3	.3	.7									1.3	6.3
SSE	1.0	2.0	.7									3.7	4.7
S	1.3	3.7	1.7	1.3								7.0	6.2
SSW	1.3	1.7	.7	1.3								4.3	5.9
SW	1.7	2.3										4.0	4.7
WSW	.7	1.7	.3	.3								3.0	5.4
W	4.7	1.7	1.0									7.7	3.6
WNW	1.0	2.7	1.7		.3							5.7	6.3
NW	.3	2.3	2.7	.7								5.3	7.1
NNW	1.0	3.7	2.3	.7								8.0	6.2
VARBL													
CALM												27.7	
	19.3	31.0	17.7	5.7	.3							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 300

*U.S. GPO 1984-741-348/201

4

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH APR

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

CONDITION _____

SPEED (KNTS) DIR.	1 - 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 300

*U.S. GPO 1984 741-348/201

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH apr

CLASS ALL WEATHER

CONDITION _____

HOURS (L.S.T.) 10

SPEED (KNTS) DIR.	1 - 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	2.3	4.3	1.7								12.7	8.8
NNE	.7	2.7	2.3	.7								6.[illegible]	6.9
NE	.7	2.[illegible]	1.[illegible]	.7	.3							4.7	7.6
ENE	.7	2.[illegible]	1.7		.7							4.[illegible]	6.9
E	.7	.7		.7								1.3	6.3
ESE	.7	1.[illegible]	1.7	.3								3.7	6.5
SE	.7	.7	1.[illegible]									2.[illegible]	5.7
SSE	.7	2.3	1.7	.7	.7							5.7	8.5
S	.7	5.[illegible]	4.[illegible]	1.7								10.7	7.3
SSW	1.[illegible]	1.7	2.7	1.7								6.3	7.6
SW	.7	1.3	1.7	.7								2.7	6.9
WSW	.7	.7	.7	.7	.3	.3						2.7	10.8
W	.7	1.[illegible]	2.7	2.[illegible]	.3							6.[illegible]	9.9
WNW		1.[illegible]	3.[illegible]	3.[illegible]	.7	.7						8.[illegible]	11.6
NW	.7	1.3	2.3	4.7	1.[illegible]							9.3	11.1
NNW		2.[illegible]	4.[illegible]	3.7	.3							11.[illegible]	9.7
VARBL													
CALM												3.7	
	6.[illegible]	28.3	37.7	20.7	4.[illegible]	.7						1[illegible].[illegible]	3.4

TOTAL NUMBER OF OBSERVATIONS 330

SMOS

*U.S. GPO 1984-741-348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH APR

CLASS ALL WEATHER

CONDITION _____

HOURS (L.S.T.) 13

SPEED (KNTS) DIR.	1 - 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 100

*U.S. GPO 1984-741-348/201

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH APR

CLASS ALL WEATHER HOURS (L.S.T.) 16

CONDITION _____

SPEED (KNTS) DIR.	1 - 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	2.1	2.8	4.2								9.8	9.8
NNE	.7	1.7	1.7	.7								4.3	6.7
NE	.3	1.4	2.1	.7								4.2	7.8
ENE	.7	.7	.7	.3	.7							2.7	9.6
E	.7	1.0		.7	.3							2.0	8.2
ESE		1.3	2.1									3.3	7.4
SE	.7	.7	.7	.7								1.7	7.0
SSE	.3	1.0	1.7	.7	.3							4.0	8.5
S	.7	1.7	10.3	7.7								20.4	9.6
SSW		2.0	4.7	3.0	.3							11.3	9.1
SW	.7	1.7	1.4	1.3								5.1	7.8
WSW		.7	1.7	.3		.7						2.7	9.8
W	.4	.3	1.7	.7	.7		.3					4.1	12.0
WNW		.7	1.4	4.0	.7	.7						6.1	13.2
NW		1.0	2.7	4.0	1.3	.7						9.7	12.4
NNW			4.0	3.3	1.7	.7						10.7	13.2
VARBL													
CALM												.7	
	4.7	15.7	45.0	30.7	5.7	2.0	.3					100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 300

*U.S. GPO 1984-741-348/201

4

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

14.11 — STATION

[illegible] — STATION NAME

73-82 — YEARS

APR — MONTH

ALL WEATHER — CLASS

19 — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 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	[illegible]	2.[illegible]	1.7	.7							6.3	7.5
NNE	.[illegible]	1.7	1.[illegible]	.7								3.7	7.5
NE		1.[illegible]	.7	1.[illegible]								2.3	6.9
ENE	.7	.7	.7	.7								2.3	6.4
E	.7	1.7				.7						2.7	6.9
ESE	1.[illegible]	1.[illegible]	.7	.7								3.[illegible]	5.7
SE	1.4	1.[illegible]	.7									3.3	4.1
SSE	.7	1.7	.7	.7								3.3	7.8
S	1.7	[illegible]	6.7	1.7	.7							18.[illegible]	7.1
SSW	1.[illegible]	4.[illegible]	2.7	1.7	.7							9.7	6.9
SW	.7	2.7	.7	.7								4.7	5.7
WSW	.7	.7	.7									1.3	5.3
W		1.7	.7	1.[illegible]								2.7	8.[illegible]
WNW	.7	2.7	2.7	2.[illegible]	.7							8.[illegible]	8.6
NW	1.[illegible]	1.7	4.7	1.7	1.[illegible]							9.7	9.2
NNW	1.7	2.[illegible]	4.[illegible]	2.7	.7							10.7	8.1
VARBL													
CALM												7.[illegible]	
	1[illegible].[illegible]	33.7	27.7	13.7	2.7	.7						100.[illegible]	6.9

TOTAL NUMBER OF OBSERVATIONS 300

*U.S. GPO 1984-741-348/201

4

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH APR

CLASS _____ HOURS (L.S.T.) 22

CONDITION _____

SPEED (KNTS) DIR.	1 - 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 300

SMOS

*U.S. GPO 1984 741 348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH APR

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

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

*U.S. GPO 1984-741-348/201

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH MAY

CLASS _____ HOURS (L.S.T.) 01

CONDITION _____

SPEED (KNTS) DIR.	1 - 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 310

*U.S. GPO 1984 741-348/201

4

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH N & V

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

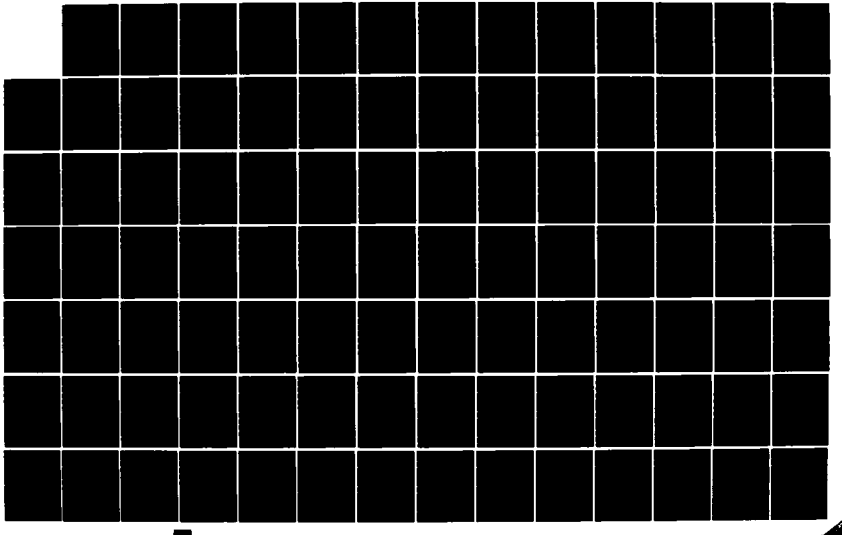
TOTAL NUMBER OF OBSERVATIONS _____

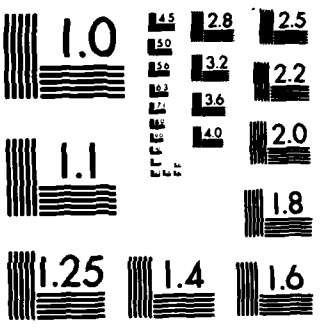
☆U.S. GPO 1984 741 348 201

SMOS

AD-A150 394 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) 2/4
BRUNSWICK MAINE(U) NAVAL OCEANOGRAPHY COMMAND
DETACHMENT ASHEVILLE NC AUG 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 | 73-82 YEARS | MAY MONTH

ALL WEATHER 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	3.2	2.6	4.5	.6								12.3	5.7
NNE	1.6	5.2	1.6	.6								9.4	5.4
NE	1.6	.6	1.3									3.9	5.2
ENE	1.3	1.6	1.3									3.9	5.3
E	1.6	3.5	.3	.3								5.1	4.7
ESE	.3	.3	.3									1.0	5.3
SE	.3	1.3										1.3	3.5
SSE	1.3	1.3	1.0									3.5	4.7
S	2.6	2.9	3.2	1.3	.3							10.3	6.6
SSW	1.3	1.3	2.3	1.3	.3							7.4	7.2
SW	.3	1.3		.3								1.6	6.0
WSW	.3	1.6	.3	.3								2.6	6.0
W	1.6	.3	1.3									3.2	5.7
WNW		1.3	2.9	.6								4.5	8.7
NW	1.3	1.3	2.3	.6								5.2	6.8
NNW	.3	1.3	2.9	.3	.3							5.2	7.6
VARBL													
CALM												17.1	
	19.7	30.3	26.1	5.1	1.0							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

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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 77-8 MAY MONTH

ALL WEATHER CLASS 10 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 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]	2.[illegible]	2.[illegible]	.3							7.1	9.1
NNE	1.[illegible]	2.[illegible]	1.9	.[illegible]								6.8	5.6
NE	.[illegible]	2.6	.[illegible]	.[illegible]								6.1	6.2
ENE	1.[illegible]	1.[illegible]	1.[illegible]									3.2	5.2
E	.[illegible]	2.6	1.[illegible]	.3								5.2	5.7
ESE	1.[illegible]	1.[illegible]	.[illegible]	.[illegible]								4.2	5.3
SE	.[illegible]	2.[illegible]	1.[illegible]									4.8	5.5
SSE	1.[illegible]	1.9	1.[illegible]									5.5	5.9
S	2.3	6.1	10.[illegible]	3.9	.3							22.6	7.8
SSW	.[illegible]	3.[illegible]	3.[illegible]	1.[illegible]								8.1	7.2
SW	.[illegible]	.3	.[illegible]									1.[illegible]	4.5
WSW	.[illegible]	1.[illegible]	.[illegible]	.3								2.0	5.8
W	.[illegible]	.[illegible]	1.[illegible]	.[illegible]								2.[illegible]	8.4
WNW	.[illegible]	1.[illegible]	1.[illegible]	1.[illegible]	.3							5.3	9.4
NW	.[illegible]	1.[illegible]	2.[illegible]	2.9								6.9	10.0
NNW	.[illegible]	.[illegible]	1.[illegible]	3.[illegible]	.3							6.1	10.7
VARBL													
CALM												1.[illegible]	
	[illegible]	30.[illegible]	33.[illegible]	17.7	1.3							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 310

*U.S. GPO 1984-741-348/201

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH: MAY

CLASS: ALL WEATHER | HOURS (L.S.T.): 13

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	.4	1.4	1.3								4.6	8.2
NNE		.3	1.4	.7								1.9	9.5
NE		1.7	1.7	1.4								3.5	8.6
ENE	.4	1.7	2.3	.7								4.5	6.7
E	.4	1.4	1.3									3.1	6.3
ESE	1.4	1.4	.4	.6								3.9	5.9
SE	1.4	2.3	1.4	.7								5.5	6.4
SSE	1.4	2.3	2.4	1.4								7.1	7.5
S	.3	5.5	14.6	11.3	1.0	.7						32.3	9.9
SSW	.4	1.4	2.4	1.9	.7							6.7	10.1
SW		1.7	.6	.7								2.3	7.3
WSW		1.4	.7	.6								1.9	9.0
W				1.6	.7							1.9	13.6
WNW		1.4	.4	2.9	.7							4.9	11.4
NW	.4		3.4	2.9	.7							7.7	11.6
NNW		1.4	1.7	2.3	.7							4.5	11.1
VARBL													
CALM												1.6	
	5.1	22.5	36.4	35.6	2.6	.7						100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

*U.S. GPO 1984-741-348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS 73-82 MONTH MAY

CLASS ALL WEATHER HOURS (L.S.T.) 16

CONDITION _____

SPEED (KNTS) DIR.	1 - 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 710

*U.S. GPO 1984-741-348/201

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH MAY

CLASS ALL WEATHER

HOURS (L.S.T.) 19

CONDITION _____

SPEED (KNTS) DIR.	1 - 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]	2.[illegible]	.[illegible]								6.1	6.2
NNE	.[illegible]	1.[illegible]	1.[illegible]	.[illegible]								2.9	6.9
NE	1.0	.[illegible]	.[illegible]	.[illegible]								2.3	5.6
ENE	.[illegible]	.[illegible]	1.[illegible]									2.[illegible]	5.[illegible]
E	.[illegible]	1.[illegible]	.[illegible]									4.5	4.3
ESE	1.[illegible]	2.[illegible]										3.5	3.6
SE	.[illegible]	2.3	1.[illegible]									3.3	5.3
SSE	.[illegible]	4.2	1.[illegible]									5.[illegible]	8.2
S	1.[illegible]	2.[illegible]	11.[illegible]	3.0	.3							24.2	7.7
SSW	.[illegible]	3.[illegible]	4.[illegible]	2.0	.3							12.9	7.8
SW	1.[illegible]	1.2	1.[illegible]	.[illegible]								4.[illegible]	6.1
WSW	.[illegible]	.[illegible]	.[illegible]									1.0	4.0
W	.[illegible]	1.[illegible]	.[illegible]	.[illegible]								2.6	5.6
WNW	.[illegible]	1.[illegible]	1.[illegible]									2.3	5.7
NW		2.[illegible]	3.[illegible]	1.[illegible]								6.5	8.4
NNW	.[illegible]	1.3	1.[illegible]	.[illegible]	.3	.3						4.5	8.7
VARBL													
CALM												6.[illegible]	
	1.[illegible]	25.[illegible]	36.[illegible]	9.7	1.0	.3						100.[illegible]	6.2

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

*U.S. GPO 1984-741-348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MAY MONTH

CLASS _____ 22 HOURS (L.S.T.)

CONDITION _____

SPEED (KNTS) DIR.	1 - 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

*U.S. GPO 1984 741-348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH: MAY

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	2.3	2.7	.8	.1							7.2	6.3
NNE	1.1	1.3	1.2	.5	.0							4.8	5.2
NE	1.3	1.5	1.0	.4								3.9	5.8
ENE	.8	1.3	.8	.1								3.0	5.4
E	1.3	1.7	.7	.3								4.0	5.0
ESE	1.1	1.1	.4	.2								2.7	4.2
SE	.8	1.0	.3	.1								2.2	5.2
SSE	1.3	2.1	1.7	.3								5.2	5.8
S	2.7	5.2	8.1	3.0	.4	.2						20.6	8.0
SSW	1.3	2.4	2.8	1.3	.2							8.4	7.2
SW	.7	1.3	.8	.3								3.2	5.5
WSW	.8	1.3	.4	.2	.0							2.5	5.8
W	1.0	.7	.3	.5	.3							2.9	6.4
WNW	.8	1.1	1.0	1.0	.1							3.5	6.5
NW	.8	1.1	1.7	1.6	.3							5.0	7.1
NNW	1.0	1.0	1.3	1.0	.3	.0						5.6	6.0
VARBL													
CALM												14.5	
	17.1	25.2	24.0	12.1	1.7	.2						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 2480

SMOS

*U.S. GPO 1984 741-348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH JUN

CLASS _____ HOURS (L.S.T.) 01

CONDITION _____

SPEED (KNTS) DIR.	1 - 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 300

* U.S. GPO 1984 741 348/201

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 500

USCOMM-NOAA 2-38 (REV. 1-74)
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4

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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

CONDITION _____

SPEED (KNTS) DIR.	1 - 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 _____

☆U.S. GPO 1984 741 348: 201

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 _____

☆U.S. GPO 1984 741 348/201

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 _____

*U.S. GPO 1984 741 348 201

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.) 16

CONDITION _____

SPEED (KNTS) DIR.	1 - 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 320

☆U.S. GPO 1984 741-348/201

4

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____

CONDITION _____

_____

HOURS (L.S.T.) 19

SPEED (KNTS) DIR.	1 - 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 _____

*U.S. GPO 1984 741 348/201

4

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS 73-82 MONTH JUL

CLASS ALL WEATHER HOURS (L.S.T.) 22

CONDITION _____

SPEED (KNTS) DIR.	1 - 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	.7	.7								4.0	5.3
NNE	1.0	.3	.7									1.7	4.2
NE	.7	.7	.7									1.7	4.0
ENE	.7	1.3	.7									2.3	5.0
E	.3	.3										2.3	2.4
ESE	.7	1.3										2.0	3.8
SE	1.7	1.0	.7									3.3	3.8
SSE	1.0	3.0	.7									4.7	4.9
S	5.0	12.7	4.7	2.3								25.7	5.7
SSW	.7	3.7	3.0	2.0								9.0	7.7
SW	1.0	1.3	.7	.3								3.3	5.4
WSW	2.0	.7										2.7	3.1
W	2.0	3.0										5.0	3.5
WNW	.7	2.0	1.0									3.7	5.0
NW	1.7	1.0	.7									3.0	3.9
NNW	1.7	.7	.7	.3								3.3	5.2
VARBL													
CALM												22.7	
	21.3	38.7	17.3	3.3								100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 300

SMOS

*U.S. GPO 1984-741-348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH JUN

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

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS 2400

*U.S. GPO 1984-741-348/201

4

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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

NAVAVNWEASERVDET 3120/1 (REV. 1-84) S/N 0102-LF-003-1200
*U.S. GPO 1984 741-348/201

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

TOTAL NUMBER OF OBSERVATIONS 310

*U.S. GPO 1984 741 348/201

4

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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.) 07

CONDITION _____

SPEED (KNTS) DIR.	1 - 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 310

SMOS

*U.S. GPO 1984 741 348/201

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 _____

*U.S. GPO 1984 741 348 201

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

*U.S. GPO 1984 741 348/201

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.) 16

CONDITION _____

SPEED (KNTS) DIR.	1 - 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 _____

USCG GPO 1984 741 348 201

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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.) 17

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

USCG GPO 1984 741 348/201

SURFACE WINDS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L.S.T.) 22

CONDITION _____

SPEED (KNTS) DIR.	1 - 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 _____

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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 JUL

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

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS 2473

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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 _____

U.S. GPO 1964 741 348 201

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]	72-92	AUG

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	[illegible]	6.0	.4									12.0	3.2
NNE	[illegible]	.5	.4									3.7	3.8
NE	.3	.7										.6	4.3
ENE	.4	.4										1.3	3.0
E	.4	1.0										2.3	4.1
ESE		.2										.3	6.0
SE	.4	.3			.2							1.3	7.5
SSE	1.0	.2	.3									1.9	4.2
S	[illegible]	[illegible]	1.0	.6								12.3	4.0
SSW	1.2	1.0	1.0	.5								6.1	6.4
SW	[illegible]	.3	1.2	.3								2.3	5.9
WSW				.2								.3	12.0
W	.4	.4										1.2	3.5
WNW	1.2	.2		.3								2.0	4.0
NW	1.2	1.4			.2							3.6	4.8
NNW	2.2	1.2	.2									4.3	3.3
VARBL													
CALM												41.6	
	[illegible]	[illegible]	[illegible]	[illegible]	.6							100.0	2.6

TOTAL NUMBER OF OBSERVATIONS: 310

SMOS

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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.) 07

CONDITION _____

SPEED (KNTS) DIR.	1 - 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 _____

*U.S. GPO 1984 741 348/ 201

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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 310

SMOS

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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 Apr

CLASS _____ HOURS (L.S.T.) 13

CONDITION _____

SPEED (KNTS) DIR.	1 - 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 112

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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 312

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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.) 19

CONDITION _____

SPEED (KNTS) DIR.	1 - 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 _____

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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 A.G

CLASS ALL WEATHER

CONDITION _____

HOURS (L.S.T.) 22

SPEED (KNTS) DIR.	1 - 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 310

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4

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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 _____

4U.S. GPO 1984 741 348/ 201

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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 7?-0 MONTH SEP

CLASS _____ HOURS (L S T.) 01

CONDITION _____

SPEED (KNTS) DIR.	1 - 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										
NNE			1										
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 100

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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 _____

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SURFACE WINDS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

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 _____

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SURFACE WINDS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

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 _____

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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 SEP

CLASS _____ HOURS (L.S.T.) 17

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

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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 _____

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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 SEP

CLASS ALL WEATHER HOURS (L.S.T.) 19

CONDITION _____

SPEED (KNTS) DIR.	1 - 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	3.7	2.0									6.7	5.3
NNE	.7	.7			.7							1.7	7.2
NE	.7	.7	.7									1.7	5.3
ENE	1.0	.7										1.7	3.4
E	1.7	.7										1.7	2.6
ESE	.7	.7										1.3	2.4
SE	1.3	.7	.7									2.3	4.6
SSE	2.3	1.7										4.0	3.3
S	.7	1.3	3.3	1.7	1.0							26.7	5.9
SSW	2.3	7.3	4.3	.7	.7							15.3	5.7
SW	1.3	.7	.7									2.3	4.7
WSW	.7	1.3	.7	.7								2.7	5.3
W	.7	.7	.7									1.7	4.6
WNW	1.3	1.3	1.3	.7								3.7	5.5
NW	1.3	2.3	.7									3.7	4.9
NNW	1.3	2.7	1.3	.7								5.7	5.9
VARBL													
CALM												17.3	
	21.3	31.3	17.3	3.7	1.7							100.0	4.4

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 SEP

CLASS _____ HOURS (L.S.T.) 23

CONDITION _____

SPEED (KNTS) DIR.	1 - 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 _____

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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.) 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	2.[illegible]	1.[illegible]	2.[illegible]	.[illegible]	.[illegible]							6.9	5.1
NNE	1.[illegible]	2.[illegible]	1.[illegible]	.[illegible]	.[illegible]							5.3	5.5
NE	.[illegible]	1.[illegible]	.[illegible]	.[illegible]								2.[illegible]	4.6
ENE	.[illegible]	.[illegible]	.[illegible]									1.[illegible]	4.2
E	.[illegible]	.[illegible]	.[illegible]									1.[illegible]	3.5
ESE	.[illegible]	.[illegible]	.[illegible]									1.[illegible]	3.9
SE	.[illegible]	.[illegible]	.[illegible]	.[illegible]								1.[illegible]	5.1
SSE	.[illegible]	1.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]						3.[illegible]	6.1
S	2.[illegible]	5.[illegible]	5.[illegible]	2.[illegible]	.[illegible]	.[illegible]						17.[illegible]	7.1
SSW	1.[illegible]	3.[illegible]	4.[illegible]	1.[illegible]	.[illegible]							11.[illegible]	7.6
SW	.[illegible]	1.[illegible]	1.[illegible]	.[illegible]								4.[illegible]	6.1
WSW	.[illegible]	1.[illegible]	.[illegible]	.[illegible]	.[illegible]							2.[illegible]	5.4
W	1.[illegible]	1.[illegible]	1.[illegible]	.[illegible]								3.[illegible]	5.9
WNW	.[illegible]	1.[illegible]	1.[illegible]	1.[illegible]	.[illegible]							4.[illegible]	7.6
NW	.[illegible]	1.[illegible]	1.[illegible]	.[illegible]	.[illegible]							4.[illegible]	7.2
NNW	1.[illegible]	2.[illegible]	2.[illegible]	1.[illegible]	.[illegible]							6.[illegible]	6.7
VARBL													
CALM												19.[illegible]	
	1[illegible].[illegible]	2[illegible].[illegible]	2[illegible].[illegible]	[illegible].[illegible]	1.[illegible]	.[illegible]						1[illegible].[illegible]	5.1

TOTAL NUMBER OF OBSERVATIONS 2400

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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 OCT

CLASS _____ HOURS (L.S.T.) 01

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N												12.6	4.5
NNE												6.1	5.1
NE												2.0	6.1
ENE												1.4	5.6
E												1.5	6.7
ESE												.4	8.5
SE												.4	3.5
SSE												2.3	7.6
S												4.5	6.8
SSW												2.5	6.2
SW												5.2	5.7
WSW												3.9	4.9
W												3.4	3.8
WNW												3.9	5.5
NW												3.5	6.7
NNW												2.4	5.8
VARBL													
CALM												29.4	
												100.2	3.9

TOTAL NUMBER OF OBSERVATIONS 216

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SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH OCT

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

TOTAL NUMBER OF OBSERVATIONS 312

USCOMM-NOAA GPO 1984 741 348/201

SMOS

SURFACE WINDS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

CLASS _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

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SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH OCT

CLASS _____ HOURS (L.S.T.) 15

CONDITION _____

SPEED (KNTS) DIR.	1 - 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 310

☆U.S. GPO 1984 741 348/201

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ OCT MONTH

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

TOTAL NUMBER OF OBSERVATIONS 312

*U.S. GPO 1984 741 348/201

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH OCT

CLASS _____ HOURS (L.S.T.) 16

CONDITION _____

SPEED (KNTS) DIR.	1 - 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 310

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SMOS

SURFACE WINDS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

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

STATION _____ STATION NAME _____ YEARS _____ MONTH OCT

CLASS _____ HOURS (L.S.T.) 12

CONDITION _____

SPEED (KNTS) DIR.	1 - 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 111

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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 _____

USCG GPO 1984 741 348 201

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH OCT

CLASS _____

HOURS (L.S.T.) 0-6

CONDITION _____

SPEED (KNTS) DIR.	1 - 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 2422

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SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH NOV

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 _____

US GPO 1984 /41 348 201

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 _____

*US GPO 1984 741 348 201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ NOV MONTH

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

TOTAL NUMBER OF OBSERVATIONS 100

*U.S. GPO 1984 741-348/201

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ NOV MONTH

CLASS _____ 10 HOURS (L.S.T.)

CONDITION _____

SPEED (KNTS) DIR.	1 - 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 500

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SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH NOV

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

TOTAL NUMBER OF OBSERVATIONS 300

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SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH NOV

CLASS _____

CONDITION _____

HOURS (L.S.T.) 16

SPEED (KNTS) DIR.	1 - 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 _____

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SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH NOV

CLASS _____ HOURS (L.S.T.) 19

CONDITION _____

SPEED (KNTS) DIR.	1 - 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 500

*U.S. GPO 1984 741 348/201

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH NOV

CLASS _____ HOURS (L.S.T.) 22

CONDITION _____

SPEED (KNTS) DIR.	1 - 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 _____

USCS GPO 1984 741 348/201

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ NOV MONTH

ALL 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 2400

*U.S. GPO 1984 741-348/201

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH D C

CLASS ALL

HOURS (L.S.T.) 01

CONDITION

SPEED (KNTS) DIR.	1 - 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 216

☆U.S. GPO 1984 741 348/201

SMOS

SURFACE WINDS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

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 _____

*U.S. GPO 1984 741 348/201

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH DEC

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

CONDITION _____

SPEED (KNTS) DIR.	1 - 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 _____

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SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH DEC

CLASS _____ HOURS (L.S.T.) 10

CONDITION _____

SPEED (KNTS) DIR.	1 - 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 _____

USCOMM-NOAA 1984 741 348/201

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH DEC

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

TOTAL NUMBER OF OBSERVATIONS _____

☆U.S. GPO 1984 741 348 201

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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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.) 12

CONDITION _____

SPEED (KNTS) DIR.	1 - 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 _____

*U.S. GPO 1984 /421 438 /01

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH DEC

CLASS ALL WEATHER

HOURS (L.S.T.) 02

CONDITION _____

SPEED (KNTS) DIR.	1 - 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

*U.S. GPO 1984 741 348/201

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH 26 C

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

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS 2678

*U.S. GPO 1984 741 348 201

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 _____

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

TOTAL NUMBER OF OBSERVATIONS 25215

℠U.S. GPO 1984 741-348/201

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

TOTAL NUMBER OF OBSERVATIONS 8072

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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																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
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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																
< 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)

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

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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) _____

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

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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)

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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)															
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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)															
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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)															
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

4

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

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DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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≥ 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)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅜	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000																
≥ 18000 < 16000																
≥ 14000 < 12000																
≥ 10000 < 9000																
≥ 8000 < 7000																
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≥ 3500 < 3000																
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≥ 1800 < 1500																
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≥ 700 < 600																
≥ 500 < 400																
≥ 300 < 200																
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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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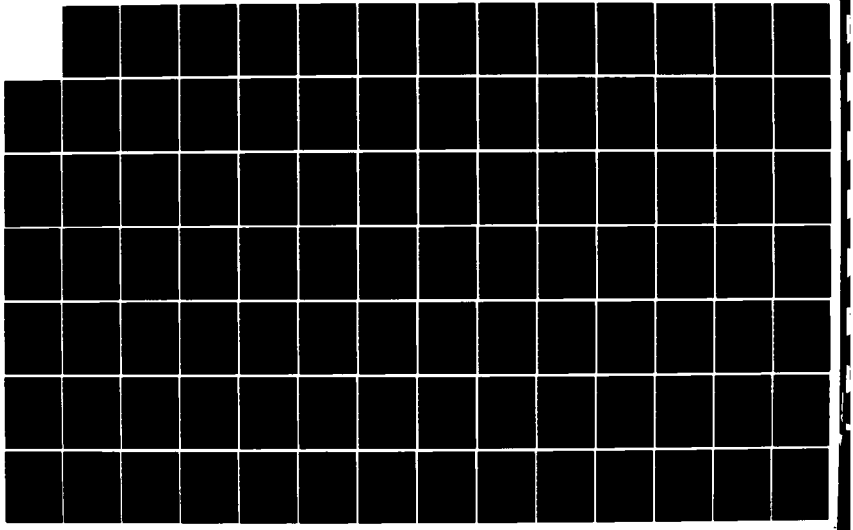
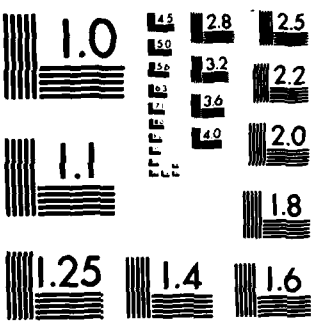
TOTAL NUMBER OF OBSERVATIONS _____

DIPNAVOCEANMET SMOS

AD-A150 394 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) 3/4
BRUNSWICK MAINE(U) NAVAL OCEANOGRAPHY COMMAND
DETACHMENT ASHEVILLE NC AUG 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 ≥ 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) 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																
< 20000 ≥ 18000 < 16000																
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< 2000 ≥ 1800 < 1500																
< 1500 ≥ 1200 < 1000																
< 1000 ≥ 900 < 800																
< 800 ≥ 700 < 600																
< 600 ≥ 500 < 400																
< 400 ≥ 300 < 200																
< 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) 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 _____ 11

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH N/A

HOURS (L S T) 1c

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
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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)															
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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)

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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)															
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

4

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

4

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

4

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
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TOTAL NUMBER OF OBSERVATIONS _____

DIPNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

4

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

DIPNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

4

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
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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)															
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DIPNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

4

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
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≥ 700																
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≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

4

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

4

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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TOTAL NUMBER OF OBSERVATIONS 1

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)

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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)

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DIRNAVOCEANMET SMOS

4

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

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HOURS (L S T) _____

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DIPNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

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HOURS (L S T)

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(FROM HOURLY OBSERVATIONS)

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DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

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HOURS (L S T)

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(FROM HOURLY OBSERVATIONS)

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DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

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DIRNAVOCEANMET SMOS

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) 07

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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TOTAL NUMBER OF OBSERVATIONS _____

DIPNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

4

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

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CEILING VERSUS VISIBILITY

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

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STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

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DIRNAVOCEANMET SMOS

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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DIPNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS, (L S T)

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

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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 < 20000																
≥ 14000 < 18000																
≥ 10000 < 14000																
≥ 8000 < 9000																
≥ 6000 < 7000																
≥ 4500 < 5000																
≥ 3500 < 4000																
≥ 2500 < 3000																
≥ 1800 < 2000																
≥ 1200 < 1500																
≥ 900 < 1000																
≥ 700 < 800																
≥ 500 < 600																
≥ 300 < 400																
≥ 100 < 200																
0 < 100																

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	≥ ⅜	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000																
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≥ 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
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≥ 1200 < 1000																
≥ 900 < 800																
≥ 700 < 600																
≥ 500 < 400																
≥ 300 < 200																
≥ 100 < 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

4

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
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≥ 300 < 400																
≥ 200 < 300																
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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)															
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< 900 ≥ 800																
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< 700 ≥ 600																
< 600 ≥ 500																
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< 400 ≥ 300																
< 300 ≥ 200																
< 200 ≥ 100																
< 100 ≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

4

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000																
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≥ 2500 / ≥ 2000																
≥ 1800 / ≥ 1500																
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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

4

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000																
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6000 5000																
4500 4000																
3500 3000																
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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 _____

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

4

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
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)															
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TOTAL NUMBER OF OBSERVATIONS _____

DIPNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

4

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
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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)

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(FROM HOURLY OBSERVATIONS)

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DIPNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

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DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

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DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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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)

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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)

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DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

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DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

4

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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≥ 1800 < 1500																
≥ 1200 < 1000																
≥ 900 < 800																
≥ 700 < 600																
≥ 500 < 400																
≥ 300 < 200																
≥ 100 < 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

4

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

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TOTAL NUMBER OF OBSERVATIONS _____

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

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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) _____

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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																
< 20000 ≥ 18000																
< 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) _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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NO CEILING ≥ 20000																
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VIA 3500 3000																
VIA 2500 2000																
VIA 1800 1500																
VIA 1200 1000																
VIA 900 800																
VIA 700 600																
VIA 500 400																
VIA 300 200																
VIA 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) _____

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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)

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TOTAL NUMBER OF OBSERVATIONS _____

DIPNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

4

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000																
IV IV 18000 / 16000																
IV IV 14000 / 12000																
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IV IV 8000 / 7000																
IV IV 6000 / 5000																
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IV IV 3500 / 3000																
IV IV 2500 / 2000																
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IV IV 700 / 600																
IV IV 500 / 400																
IV IV 300 / 200																
IV IV 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)

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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)

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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)															
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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)															
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NO CEILING ≥ 20000																
< 20000 ≥ 18000 < 18000 ≥ 16000																
< 16000 ≥ 14000 < 14000 ≥ 12000																
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< 1500 ≥ 1200 < 1200 ≥ 1000																
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< 800 ≥ 700 < 700 ≥ 600																
< 600 ≥ 500 < 500 ≥ 400																
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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)															
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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)															
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DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

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DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

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DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

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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																
≥ 18000 < 20000																
≥ 14000 < 18000																
≥ 10000 < 14000																
≥ 9000 < 10000																
≥ 8000 < 9000																
≥ 7000 < 8000																
≥ 6000 < 7000																
≥ 5000 < 6000																
≥ 4500 < 5000																
≥ 4000 < 4500																
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≥ 2500 < 3000																
≥ 2000 < 2500																
≥ 1800 < 2000																
≥ 1500 < 1800																
≥ 1200 < 1500																
≥ 1000 < 1200																
≥ 900 < 1000																
≥ 800 < 900																
≥ 700 < 800																
≥ 600 < 700																
≥ 500 < 600																
≥ 400 < 500																
≥ 300 < 400																
≥ 200 < 300																
≥ 100 < 200																
≥ 0 < 100																

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

4

SKY COVER

STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JA	01	31.7			17.7						11.[illegible]	40.6	[illegible].5	316
	[illegible]	2[illegible].4			[illegible].[illegible]						12.3	3[illegible].1	[illegible].5	313
	[illegible]	1[illegible].1			30.5						16.1	38.3	6.7	311
	1[illegible]	1[illegible].3			24.[illegible]						17.7	39.5	6.3	311
	1[illegible]	14.5			26.[illegible]						16.5	42.6	6.5	313
	1[illegible]	12.6			[illegible].1						13.4	41.0	6.6	313
	1[illegible]	2[illegible].2			[illegible].0						14.5	40.3	5.9	313
	[illegible]2	24.[illegible]			23.[illegible]						[illegible].7	41.9	[illegible].[illegible]	310
TOTALS		[illegible]1.4			2[illegible].[illegible]						1[illegible].5	4[illegible].2	[illegible].[illegible]	24[illegible]2

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SKY COVER

STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
		31.7			1 .4						12.4	37.9	5.5	232
		3 .1			17.1						11.3	39.7	5.5	292
		16.9			2 .3						16.7	39.4	6.3	292
	1	1 .6			3 .7						19.9	36.7	5.2	292
	1	14.			23.7						22.7	39.7	6.7	292
	2	17.2			2 .2						23.3	37.2	6.5	292
	1	23.			27.7						17.1	36.2	6.6	292
	2	33.7			15.1						13.1	36.2	5.2	292
TOTALS		23.4			23.4						16.3	37.7	5.9	2256

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SKY COVER

1-11 STATION | [illegible] STATION NAME | 73-[illegible] PERIOD | [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
[illegible]	[illegible]	3[illegible]			1[illegible]						9.0	45.5	5.8	31[illegible]
	[illegible]	3[illegible]			14.[illegible]						11.0	44.2	5.9	31[illegible]
	[illegible]	1[illegible]			21.3						21.9	44.5	7.1	31[illegible]
	[illegible]	1[illegible]			21.[illegible]						22.6	45.2	7.2	31[illegible]
	1[illegible]	[illegible]			20.3						25.1	44.5	7.4	31[illegible]
	1[illegible]	9.7			24.5						20.3	45.5	7.1	31[illegible]
	1[illegible]	1[illegible]			31.9						13.5	41.9	6.4	31[illegible]
	[illegible]	2[illegible]			1[illegible]						10.6	42.9	5.8	31[illegible]
TOTALS		1[illegible]			[illegible]1.1						16.[illegible]	44.3	[illegible].6	24[illegible]

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4

SKY COVER

STATION _____ STATION NAME _____ PERIOD _____ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
TOTALS														

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SKY COVER

STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
TOTALS														

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4

SKY COVER

STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
TOTALS														

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SKY COVER

STATION _____ STATION NAME _____ PERIOD _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
TOTALS														

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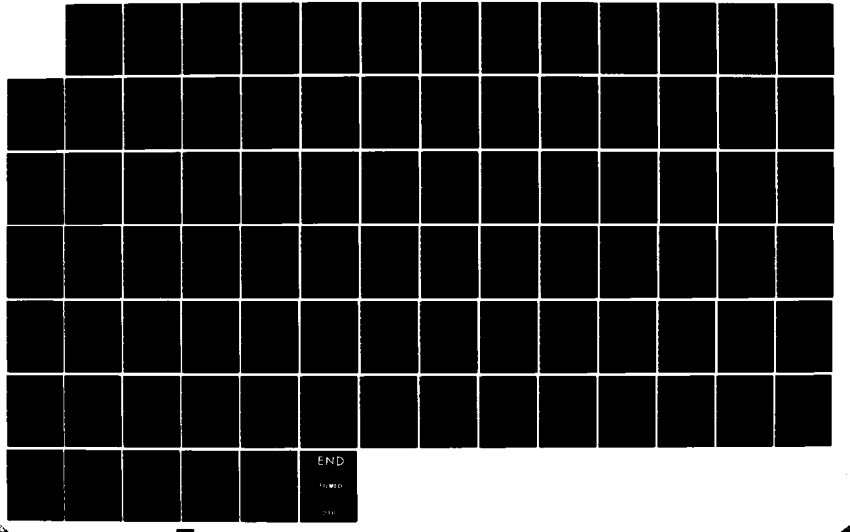
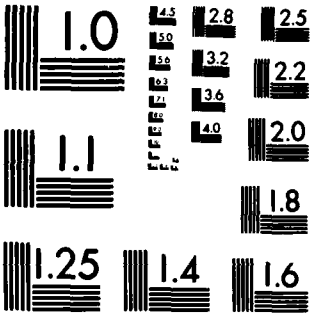
AD-A150 394 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) 4/4
BRUNSWICK MAINE(U) NAVAL OCEANOGRAPHY COMMAND
DETACHMENT ASHEVILLE NC AUG 84

UNCLASSIFIED F/G 4/2 NL





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

SKY COVER

4

14:11	BRUNSWICK, ME	73-82	AUG
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		
AUG	01	21.0			27.2						19.0	36.8	6.1	310
	04	16.1			25.8						15.8	42.3	6.4	310
	07	10.0			24.2						26.8	39.0	7.0	310
	10	9.7			28.7						29.0	32.6	6.7	310
	13	4.8			31.3						32.6	31.3	7.0	310
	16	3.9			32.9						33.2	30.0	7.0	310
	19	4.5			37.4						30.0	28.1	6.6	310
	22	20.3			26.8						20.6	32.3	5.9	310
TOTALS		11.7			28.8						25.9	34.1	6.6	2480

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SKY COVER

14611	BRUNSWICK, ME	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	01	27.7			17.7						16.3	39.0	5.9	300
	04	27.7			19.7						16.0	37.3	5.8	300
	07	13.3			29.3						19.0	39.3	6.5	300
	10	8.3			33.3						25.3	33.3	6.6	300
	13	4.7			35.3						28.3	32.0	6.8	300
	16	4.7			37.0						24.7	33.7	6.7	300
	19	9.7			31.3						24.3	35.0	6.6	300
	22	24.3			21.3						18.7	35.7	5.9	300
TOTALS		14.4			29.0						21.5	35.7	6.4	2400

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SKY COVER

14611 BRUNSWICK, ME 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	01	26.2			21.6						15.8	37.4	5.8	310
	04	27.7			22.3						13.5	36.5	5.5	310
	07	11.0			30.3						26.1	32.6	6.5	310
	10	11.3			28.7						27.1	32.9	6.6	310
	13	10.3			26.8						30.6	32.3	6.8	310
	16	11.3			29.4						27.4	31.9	6.5	310
	19	21.6			25.5						17.7	35.2	5.9	310
	22	26.5			21.6						16.5	35.5	5.7	310
TOTALS		17.1			25.8						21.8	34.3	6.2	2480

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4

SKY COVER

1	BRUNSWICK, ME	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	01	20.0			20.7						15.0	44.3	6.4	300
	04	24.7			21.3						14.3	40.7	6.0	300
	07	7.7			29.3						22.0	41.0	7.0	300
	10	9.3			28.0						19.3	43.3	6.9	300
	13	6.3			30.0						23.7	40.3	7.1	300
	16	5.7			29.7						28.3	36.3	7.1	300
	19	12.0			28.7						14.3	38.7	6.0	300
	22	23.7			21.7						13.3	41.3	6.0	300
TOTALS		14.4			26.1						18.8	40.7	6.6	2400

SKY COVER

14711 (STATION) BRUNSWICK, ME (STATION NAME) 73-82 (PERIOD) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
DEC	01	27.1			16.1						10.6	46.1	6.1	310
	04	23.7			14.8						11.6	49.8	6.0	310
	07	17.9			27.1						19.0	41.0	6.6	310
	10	17.9			21.9						23.9	41.3	6.9	310
	13	11.6			22.6						23.2	42.6	7.0	310
	16	13.2			21.0						21.6	44.2	7.0	310
	19	22.7			17.8						12.0	47.6	6.4	309
	22	25.9			13.6						14.6	46.0	6.3	309
TOTALS		17.4			17.4						17.1	44.2	6.5	2478

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4

SKY COVER

14-11 (STATION) BRUNSWICK, ME (STATION NAME) 73-82 (PERIOD) ALL (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	21.4			23.9						14.5	40.2	6.0	2482
FEB		22.4			23.6						16.3	37.7	5.9	2256
MAR		17.7			21.1						16.9	44.3	6.6	2480
APR		15.6			22.4						20.8	41.2	6.7	2400
MAY		11.1			23.3						22.2	43.4	7.0	2480
JUN		9.8			26.7						23.9	40.6	7.0	2400
JUL		9.7			27.4						26.8	33.7	6.7	2480
AUG		11.3			28.8						25.9	34.1	6.6	2480
SEP		14.9			28.0						21.5	35.7	6.4	2400
OCT		18.1			25.8						21.9	34.3	6.2	2480
NOV		14.4			26.1						18.8	40.7	6.6	2400
DEC		19.4			19.4						17.1	44.2	6.5	2478
TOTALS		15.4			25.0						20.5	39.2	6.5	29216

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 ($\sum X^2$), sums of values ($\sum X$), means ($\bar{X}$), and standard deviations (σx). The number of observations used in the computations for each element is also shown.

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

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

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

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

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

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

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

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

DAILY TEMPERATURES

STATION | STATION NAME | YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

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

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DAILY TEMPERATURES

STATION | STATION NAME | YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥													
≥													
≥													

DAILY TEMPERATURES

STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
N													
N													
N													

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION | STATION NAME | YEARS | MONTH

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												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
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23												
24												
25												
26												
27												
28												
29												
30												
31												
Monthly												

*ALSO ON EARLIER YEARS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION | STATION NAME | YEARS | MONTH

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
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31												
Monthly												

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION | STATION NAME | YEARS | MONTH

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											-21.1	
2												
3												
4												
5												1967
6												
7												
8												
9												
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26												
27												
28												
29												1974
30												
31												
Monthly											-23.3	

*ALSO ON EARLIER YEARS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION | STATION NAME | YEARS | MONTH

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												
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Monthly												

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible], [illegible]	[illegible]-1983	

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP EXTREME DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP EXTREME DATE
1	[illegible]	[illegible]	[illegible]	14.[illegible]	[illegible]	[illegible]	1979	[illegible]	[illegible]	[illegible]	-1.[illegible]	1971
2	[illegible]	[illegible]	[illegible]	[illegible]	6[illegible]	[illegible]	1977	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	13.4	[illegible]	[illegible]	1963	[illegible]	[illegible]	[illegible]	-[illegible].2	[illegible]
4	[illegible]	[illegible]	[illegible]	15.[illegible]	7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.6	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-1.1	[illegible]
6	[illegible]	[illegible]	[illegible]	15.[illegible]	7	23.3	1982	[illegible]	[illegible]	[illegible]	-.6	[illegible]
7	[illegible]	[illegible]	[illegible]	14.1	7	[illegible]	1957	[illegible]	[illegible]	[illegible]	-1.1	[illegible]
8	[illegible]	[illegible]	[illegible]	14.[illegible]	[illegible]	[illegible]	1964	[illegible]	[illegible]	[illegible]	-1.1	[illegible]
9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	31.[illegible]	1979	[illegible]	[illegible]	[illegible]	-.6	[illegible]
10	[illegible]	[illegible]	[illegible]	17.3	[illegible]	[illegible]	1979	[illegible]	[illegible]	[illegible]	.6	[illegible]
11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-1.1	[illegible]
12	[illegible]	[illegible]	[illegible]	17.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.6	[illegible]
13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-.6	[illegible]
14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.7	[illegible]
15	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.6	[illegible]
16	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.7	1977
17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
18	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
19	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.7	[illegible]
20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.7	[illegible]
22	[illegible]	[illegible]	[illegible]	[illegible]	8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
23	[illegible]	[illegible]	[illegible]	[illegible]	8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
24	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
25	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.6	[illegible]
26	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
27	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.1	[illegible]
28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
29	[illegible]	[illegible]	[illegible]	20.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.3	[illegible]
30	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
31	[illegible]	[illegible]	[illegible]	20.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.1	[illegible]
Monthly	[illegible]	[illegible]	[illegible]	17.1	[illegible]	[illegible]	1977	[illegible]	[illegible]	[illegible]	-[illegible].2	[illegible]

*ALSO ON EARLIER YEARS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION | STATION NAME | YEARS | MONTH

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
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Monthly												

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

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

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

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

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

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP EXTREME DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP EXTREME DATE
1	[illegible]	[illegible]	[illegible]	26.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	77.2	25.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
11	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
15	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
16	[illegible]	[illegible]	77.8	25.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
18	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
19	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
21	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
22	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
23	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
24	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
25	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
26	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
27	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
29	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
30	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
31	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Monthly	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION | STATION NAME | YEARS | MONTH

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												
2												
3												
4												
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31												
Monthly												

*ALSO ON EARLIER YEARS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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												
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3												
4												
5												
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30												
31												
Monthly												

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

4

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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
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31												
Monthly												

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION | STATION NAME | YEARS | MONTH

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												
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30												
31												
Monthly												

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION | STATION NAME | YEARS

MAXIMUM TEMPERATURE

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

[illegible] MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

[illegible] | [illegible] | [illegible]

STATION | STATION NAME | YEARS

[illegible] DEGREES FAHRENHEIT

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MEAN	[illegible]	[illegible]	[illegible]	[illegible]	1.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
S.D.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.747	[illegible]	[illegible]	5.4	[illegible]
TOTAL OBS.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

[illegible] TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION [illegible] STATION NAME [illegible] YEARS

[illegible] OF STAS ON FAHRENHEIT
/BASED ON LESS THAN FULL MONTHS/

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

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____

DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

[illegible] TEMPERATURE
(FROM DAILY OBSERVATIONS)

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

[illegible] DEGREES FAHRENHEIT

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	42.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
S.D.	[illegible]	[illegible]	[illegible]	4.547	[illegible]	[illegible]	[illegible]	[illegible]	3.480	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL OBS.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

[illegible] TEMPERATURE

(FROM DAILY OBSERVATIONS)

[illegible] | [illegible] | [illegible]

STATION | STATION NAME | YEARS

[illegible] DEGREES FAHRENHEIT
[illegible] BASED ON LESS THAN FULL MONTH [illegible]

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

SMOS

4

PSYCHROMETRIC SUMMARY

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
/ - 9							•											1	1		
- / 5		•																1	1	1	1
5 / 51	•	•1			•2													4	4	2	2
5 / 4		•	•1															7	7	2	1
- / 47	•	•2	•1	•2														14	14	7	2
- / 4	•1	•4	•1	•1		•												19	19	15	2
4 / 4	•1	•4	•2	•1	•2													31	31	20	12
4 / 41	•3	•5	•2	•2	•1	•2												41	41	26	15
- / 3	•2	•5	•4	•2	•1													51	51	34	22
3 / 33	•2	1•3	•3	•2	•1													72	72	28	25
3 / 3	•4	1•1	•2	•4	•2													81	81	76	36
3 / 33	•2	1•4	•2	•3	•2	•												93	93	87	33
- / 31	•2	2•2	1•4	1•2	•2													131	131	92	57
3 / 3	•1	1•3	1•2	1•2														106	106	84	57
- / 27	•2	1•7	1•3	1•2														119	119	109	59
2 / 25	•4	1•5	2•3	•4	•2													112	112	126	75
2 / 23	•4	2•3	2•3	•2														142	142	122	64
2 / 21	•1	2•2	2•1	•2														129	129	152	69
- / 1	•2	2•2	2•2	•2														155	155	140	76
- / 17	•2	2•1	2•3															147	147	158	95
1 / 15	•2	2•2	2•1															145	145	172	111
1 / 13	•2	2•	1•3															125	125	139	135
1 / 11	•2	2•1	1•2															136	136	150	135
1 / 9	•4	2•2	•2															100	100	129	137
- / 7	•4	2•1	•2															104	104	110	123
- / 5	•4	2•4	•2															86	86	102	125
- / 3	•4	2•2	•															66	66	94	119
- / 1	•2	1•2																51	51	55	91
-/- 1	•2	1•7																58	58	68	79
-/- 3	•2	1•1																40	40	56	104
-/- 5	•2	•																27	27	35	87
-/- 7	•2	•4																21	21	27	91
-/- 9	•	•																24	24	24	82
-/-11	•2	•4																15	15	15	62

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

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4

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH JAN

PAGE 2 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
1 /-13	.4	.																10	10	14	4
14/-15	.	.																8	8	7	38
16/-17	.	.0																2	2	3	35
18/-19	.2																	4	4	4	29
20/-21	.1																	2	2	2	29
22/-23	.1																	2	2	2	26
24/-25	.																	1	1	1	19
26/-27																					14
28/-29	.																	1	1	1	11
30/-31																					12
32/-33																					2
34/-35																					1
36/-37																					1
TOTAL	11.	1.42	7.6	8.1	1.7	.1	.0												2482		2482
																	2482			2482	

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.	1102162	150253	64.2	17.993	2481							
Dry Bulb	1355751	47797	19.3	13.754	2482	64.4	619.6					744.0
Wet Bulb	1116740	42287	17.0	12.139	2482	75.8	655.7					744.0
Dew Point	832593	20773	8.4	15.919	2482	229.6	690.0					744.0

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4

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31				
/ 57					.1			.										3	3		
/ 55					.													1	1		
/ 53			.	.														2	2		
/ 51		.	.1															3	3		
/ 49	.[illegible]	.1	.1			.	.[illegible]											9	9	6	3
/ 47	.1	.3	.1	.1	.[illegible]													17	17	8	3
/ 45		.3	.[illegible]	.1	.1		.[illegible]											20	20	13	8
/ 43	.	.[illegible]	.4	.1	.[illegible]	.1												32	32	14	11
/ 41	.	.6	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]											49	49	20	13
/ 39	.1	.5	1.1	.[illegible]	.3	.[illegible]												66	66	36	27
/ 37	.1	.[illegible]	1.2	1.3	.1													80	80	49	24
/ 35	.5	1.[illegible]	1.[illegible]	1.2	.4													115	115	72	24
/ 33	.5	2.3	1.5	1.2	.7													139	139	116	48
/ 31	.6	1.[illegible]	2.[illegible]	1.[illegible]	.4	.1												130	130	124	77
/ 29	.3	1.6	2.	1.[illegible]	.2													134	134	135	84
/ 27	.4	2.4	1.[illegible]	1.2	.[illegible]													130	130	158	74
/ 25	.[illegible]	2.5	2.[illegible]	1.3	.[illegible]													139	139	136	72
/ 23	.[illegible]	2.1	1.[illegible]	.9														124	124	133	[illegible]
/ 21	.[illegible]	2.[illegible]	2.5	.7														138	138	138	85
/ 19	.[illegible]	2.[illegible]	2.[illegible]	.4														130	130	146	112
/ 17	.2	2.[illegible]	2.[illegible]	.[illegible]														106	108	139	105
/ 15	.[illegible]	2.1	2.[illegible]															113	113	144	99
/ 13	.[illegible]	2.1	2.3															104	104	135	94
/ 11	.1	2.2	1.[illegible]															82	82	135	117
/ [illegible]	.[illegible]	2.4	.[illegible]															91	91	100	94
/ [illegible]	.3	2.6	.4															73	73	92	104
/ [illegible]	.1	2.4	.1															61	61	82	117
/ [illegible]	.2	1.6	.															43	43	53	99
/ 1	.1	1.[illegible]																36	36	46	77
/ - 1	.4	.																29	29	34	69
/ - [illegible]	.1	.[illegible]																20	20	27	98
/ - [illegible]	.2	.[illegible]																24	24	24	84
/ - [illegible]	.4	.2																15	15	21	76
/ - 9	.1																	3	[illegible]	6	53

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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4

PSYCHROMETRIC SUMMARY

1-511 STATION | [illegible] STATION NAME | [illegible] YEARS | [illegible] MONTH

PAGE 2 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31				
1 /-11	.1																	7	2	2	5
12/-13		.1																1	1		31
14/-15																				1	21
16/-17																					19
18/-19																					19
20/-21																					17
22/-23																					14
24/-25																					20
26/-27																					15
28/-29																					6
30/-31																					2
32/-33																					1
34/-35																					1
36/-37																					1
TOTAL	7.1	14.2	31.4	12.2	3.4	.4	.1	.1										2256	2256	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.	9330718	130104	61.7	18.773	2256							
Dry Bulb	1712520	51544	22.8	10.186	2256	25.0	512.3					672.0
Wet Bulb	1212534	45474	20.1	11.511	2256	34.0	572.5					672.0
Dew Point	799913	24855	10.7	15.523	2256	181.7	625.9					672.0

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4

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31				
/ 75											•							1	1		
/ 69			•1															2	2		
/ 67									•2									1	1	1	
6/ 65								•	•2									2	2	1	1
4/ 6							•	•										2	2		1
/ 61			•					•										2	2		
/ 59						•1	•2	•										9	9	1	
/ 57				•2		•2	•2	•		•1								6	6		1
5/ 55		•2		•2	•2	•2												7	7	1	
4/ 5		•	•1		•2	•1	•1											13	13	2	1
/ 51			•1	•1	•1	•2	•2	•1										20	20	4	
/ 49	•2	•2	•1	•4	•4	•2	•1	•2										38	38	10	2
/ 47	•1	•4	•5	•4	•4	•4	•1		•2									61	61	23	8
/ 45	•2	•8	•6	•6	•6	•5	•2	•1										89	89	42	16
4/ 43	•7	•7	•9	•9	•8	•7	•2											106	106	66	30
/ 41	•4	•9	1•1	1•2	1•0	•4	•1											130	130	77	35
/ 39	1•4	1•9	1•9	1•8	•9	•4	•1											211	211	117	63
/ 37	1•3	2•7	2•4	2•6	•9	•4												255	255	176	94
/ 35	•9	3•0	2•7	1•8	•6	•2												231	231	214	95
4/ 33	1•2	3•3	3•1	1•8	•3	•2												249	249	249	149
/ 31	•5	2•9	2•7	1•7	•8	•1												210	210	267	148
/ 29	•4	2•3	2•2	1•6	•6	•												176	176	226	162
/ 27	•1	1•7	2•2	1•7	•2													123	123	185	149
/ 25	•1	1•2	1•8	•8	•1													105	105	151	142
/ 23	•1	•5	1•5	1•2														86	86	143	164
2/ 21	•1	•6	1•2	•3														74	74	109	127
/ 19	•2	•2	1•4	•3														70	70	92	147
/ 17		•3	1•1	•1														43	43	85	105
16/ 15	•1	•2	•2															44	44	61	102
14/ 13	•1	•6	•2															35	35	46	32
12/ 11		•6	•4															25	25	44	84
/	•1	•3	•2															17	17	23	85
/ 7	•	•4	•															11	11	15	85
/		•4																10	10	11	67

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

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10/7 2097-54321

4

PSYCHROMETRIC SUMMARY

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]	.2																6	6	14	57
[illegible]		.1																3	3	7	53
[illegible]	[illegible]	.1																4	4	5	45
[illegible]																				1	34
[illegible]		.[illegible]																1	1		35
[illegible]		.1																2	2	3	36
[illegible]																					27
[illegible]																					27
[illegible]																					4
[illegible]																					7
[illegible]																					5
[illegible]																					1
[illegible]																					1
TOTAL	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								2430		2430
																		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.	11137497	15[illegible]55	63.7	[illegible].320	2480							
Dry Bulb	5471695	82265	73.2	9.697	2480	2.1	313.5	1.2	.3			744.0
Wet Bulb	5353943	72475	59.4	9.258	2490	2.7	449.9	.3				744.0
Dew Point	4524375	51879	50.9	13.740	2480	65.7	593.7					744.0

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4

PSYCHROMETRIC SUMMARY

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]																		2	2		
7 / 77																		3	3		
[illegible]																		3	3		
74 / 75																		3	3		
[illegible]																		5	5		
[illegible]																		12	12		
[illegible]																		14	14		
[illegible]																		9	9		
[illegible]																		18	18	1	
[illegible]																		38	38	4	
[illegible]																		32	32	6	1
[illegible]																		51	51	2	
[illegible]																		81	81	20	7
[illegible]																		73	73	29	15
[illegible]																		112	112	55	27
[illegible]																		160	160	69	47
[illegible]																		171	171	125	45
[illegible]																		207	207	139	63
[illegible]																		215	215	216	84
[illegible]																		210	210	207	113
[illegible]																		194	194	227	139
[illegible]																		180	180	269	142
[illegible]																		170	170	259	203
34 / 73																		163	163	207	220
[illegible]																		91	91	164	171
[illegible]																		67	67	123	179
[illegible]																		43	43	94	159
[illegible]																		30	30	79	133
[illegible]																		14	14	47	109
[illegible]																		12	12	19	92
[illegible]																		7	7	17	101
[illegible]																		8	8	14	73
[illegible]																		1	1	7	65
[illegible]																		1	1	3	69

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

Mean No. of Hours with Temperature						
≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total

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PSYCHROMETRIC SUMMARY

4

STATION	STATION NAME	YEARS	MONTH
[illegible]	BRUNSWICK, ME	73-82	APR

HOURS (L S T.) PAGE 2

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[illegible] / 11																				1	45
1[illegible] / [illegible]																					32
/ 7																					13
[illegible] / [illegible]																					19
[illegible] / [illegible]																					13
/ 1																					15
[illegible] / - 1																					7
- [illegible] / - [illegible]																					5
- [illegible] / - [illegible]																					1
-1[illegible] / -17																					1
[illegible] TAL	[illegible].6	27.9	21.3	15.1	12.[illegible]	[illegible].6	4.4	[illegible].[illegible]	1.3	.7	.4	.1	.[illegible]	.[illegible]				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.	1124[illegible]227	15[illegible]56	64.9	21.[illegible]96	2400							
Dry Bulb	4[illegible]4[illegible]47	103146	43.[illegible]	[illegible].468	2400		[illegible]3.2	12.6	3.[illegible]	.3		720.[illegible]
Wet Bulb	3[illegible]05334	91094	38.[illegible]	7.862	2400		167.4					720.[illegible]
Dew Point	[illegible]49390[illegible]	72840	30.4	10.[illegible]65	2400	4.2	389.4					720.0

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4

PSYCHROMETRIC SUMMARY

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
/ 91											•							1	1		
/ 87									•			•						2	2		
/ 83								•		•	•	•						7	7		
/ 79							•		•	•	•	•			•			7	7		
/ 75						•	•	•										5	5		
/ 71					•	•	•	•	•	•				•				13	13		
/ 67					•	•	•		•	•	•							15	15		
/ 63					•	•	•	•	•	•	•	•	•					22	22	1	
/ 59				•	•	•	•	•	•	•	•							19	19	2	
/ 55			•	•	•	•	•	•	•	•	•							33	33	6	1
/ 51			•	•	•	•	•	•	•	•	•	•	•					39	39	6	1
/ 47	•	•	•	•	•	•	•	•	•	•	•	•						61	61	17	3
/ 43		•	•	•	•	•	•	•	•	•	•							64	64	17	7
/ 39	•	•	•	•	•	•	•	•	•	•								101	101	31	18
/ 35	•	•	•	•	•	•	•	•	•	•								133	133	56	27
/ 31	•	•	•	•	•	•	•	•	•									151	151	79	36
/ 27	•	•	•	•	•	•	•	•	•									176	176	127	47
/ 23	•	•	•	•	•	•	•	•	•									204	204	163	80
/ 19	•	•	•	•	•	•	•	•	•									208	208	185	121
/ 15	•	•	•	•	•	•	•	•	•									220	220	200	160
/ 11	•	•	•	•	•	•	•											234	234	201	190
/ 7	•	•	•	•	•	•	•											191	191	260	155
/ 3	•	•	•	•	•	•	•											171	171	207	176
/ -1	•	•	•	•	•													143	143	279	180
/ -5	•	•	•	•	•	•												101	101	183	252
/ -9	•	•	•	•	•													60	60	124	225
/ -13	•	•	•	•	•													35	35	72	198
/ -17	•	•	•	•	•													20	20	45	152
/ -21		•	•		•													11	11	4	100
/ -25		•	•		•													4	4	2	79
/ -29		•	•															4	4	2	71
/ -33																				1	63
/ -37																				1	55
/ -41																					52

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

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4

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible]	77-82	MAY

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]																					27
[illegible]																					14
[illegible]																					6
[illegible]																					2
[illegible]																					1
[illegible]																					1
[illegible]																					1
[illegible]																					1
TOTAL	[illegible]	[illegible]	[illegible]	14.7	12.1	[illegible]	6.2	3.[illegible]	2.9	1.3	.7	.[illegible]	.1	.[illegible]	.[illegible]				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.	[illegible]	17 [illegible]13	68.9	[illegible].10	2480							
Dry Bulb	[illegible]3727	13[illegible]07	[illegible].8	[illegible].[illegible]7[illegible]	2480		2.4	68.7	27.[illegible]	[illegible].3		744.0
Wet Bulb	[illegible]3017	11[illegible]11	64.2	7.[illegible]80	2480		9.0	0.0	.0			744.0
Dew Point	467[illegible]375	10[illegible]175	[illegible].4	9.449	2480		134.1	1.5	.3			744.0

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14/N 2097 54321

4

PSYCHROMETRIC SUMMARY

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
																		14	14		
																		42	42		

4

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible], MI	[illegible]	JUL

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]	[illegible]	24.2	21.4	14.[illegible]	10.[illegible]	7.7	5.7	4.4	3.4	1.[illegible]	1.0	.3	.2						2480		2480
																		2479		2479	

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.	17.3140	17[illegible]5	72.5	19.[illegible]62	240[illegible]							
Dry Bulb	[illegible]37163	14[illegible]46	82.4	[illegible].435	2480			206.1	90.[illegible]	25.2	.5	720.[illegible]
Wet Bulb	[illegible]23749	13[illegible]177	56.7	6.[illegible]730	2480			42.3	3.0			720.0
Dew Point	[illegible]712765	125630	52.3	7.[illegible]30	2480		9.0	9.0				720.0

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147k 2097 54321

PSYCHROMETRIC SUMMARY

4

NAVWEASERVCOM 14/4 2007 54321

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	1		
[illegible]								•	•									3	3		
[illegible]								•			•	•	•					6	6		
[illegible]					•	•		•	•		•		•					9	9		
[illegible]					•	•	•	•	•		•	•						21	21		
[illegible]					•	•	•	•	•	•	•							33	33		
[illegible]			•		•	•	•	•	•	•	•							54	54		
[illegible]		•	•	•	•	•	•	•	•	•	•							73	73	1	
[illegible]		•	•	•	•	•	•	1 •	1 •	•	•							117	117	10	2
[illegible]			•	•	1 •	•	•	•	•	•								119	119	21	[illegible]
[illegible]		•	•	1 •	•	•	•	•	•	•								123	123	29	5
[illegible]		•	•	•	•	1 •	•	•	•	•								133	133	57	[illegible]
[illegible]	•	1 •	1 •	1 •	1 •	1 •	•	•	•	•								209	209	97	39
[illegible]	•	1 •	2 •	2 •	1 •	1 •	•	•	•									254	254	166	96
[illegible]	•	2 •	2 •	1 •	•	•	•	•	•									250	250	217	131
[illegible]	•	1 •	2 •	1 •	•	•	•	•	•									295	295	313	199
[illegible]	•	1 •	2 •	2 •	•	•	•	•										282	282	414	274
[illegible]	•	2 •	1 •	1 •	•	•	•											187	187	338	279
[illegible]	•	2 •	1 •	•	•	•												106	106	245	325
[illegible]	•	1 •	1 •	•	•	•												99	99	224	201
[illegible]	•	•	•	•	•													41	41	149	211
[illegible]	•	•	•	•														31	31	93	173
[illegible]	•	•	•	•														17	17	52	110
[illegible]		•	•	•														8	8	38	96
[illegible]		•	•	•														3	3	17	75
[illegible]		•	•	•														6	6	9	66
[illegible]																				6	41
[illegible]																				2	32
[illegible]																					15
[illegible]																					5
[illegible]																					4
[illegible]																					1
[illegible]	•	2 •	2 •	1 •	1 •	7 •	6 •	5 •	4 •	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.	1[illegible]220837	1[illegible]1169	73.0	17.631	2480							
Dry Bulb	11 43253	17 279	[illegible].7	7.823	2483			421.5	207.6	77.7	1.2	744.1
Wet Bulb	1385[illegible]1	155317	[illegible].2.6	5.911	248[illegible]			177.[illegible]	35.4	1.2		744.[illegible]
Dew Point	[illegible]74743	14[illegible]565	[illegible]3.7	7.261	2483			[illegible]3.8	17.7	.6		744.[illegible]

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

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

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
100/101																		2	2		
/99																		1	1		
/93																		2	2		
/91																		4	4		
/89																		4	4		
/87																		11	11		
/85																		29	29		
/83																		40	40		
/81																		63	63	2	1
/79																		66	66	2	
/77																		99	99	15	
/75																		99	99	29	5
/73																		140	140	47	17
/71																		172	172	72	43
/69																		240	240	141	91
/67																		246	246	250	154
/65																		268	268	296	224
/63																		281	281	322	235
/61																		228	228	370	268
/59																		154	154	267	289
/57																		112	112	220	245
/55																		70	70	166	229
/53																		55	55	98	141
/51																		34	34	64	110
/49																		13	13	53	123
/47																		13	13	31	101
/45																		9	9	16	71
/43																		4	4	8	44
/41																		1	1	7	19
/39																		1	1	2	16
/37																				1	11
/35																				1	5
/33																					2
/31																					1

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

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4

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31				
																					1
		27.1	23.3	14.4		6.0				1.4								24331			

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.		168357	76.1									
Dry Bulb		166492	67.1					771.4	178.0	60.0	1.5	744.0
Wet Bulb		153471	61.9					173.4	38.5	0.9		744.0
Dew Point		144946	58.4				1.2	53.3	13.6	0.3		744.0

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14/8 2097-54321

PSYCHROMETRIC SUMMARY

4

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]									•									1	1		
[illegible]							•											1	1		
[illegible]					•	•	•											3	3		
[illegible]					•	•1												7	7		
[illegible]				•	•1	•1		•	•[illegible]	•1								10	10		
[illegible]			•			•	•1	•1	•1	•								11	11	1	
[illegible]			•1	•1	•1	•	•	•1	•1	•[illegible]								16	16	2	
[illegible]			•1	•2	•2	•[illegible]	•[illegible]	•2	•1									33	33	5	1
[illegible]	•[illegible]		•	•1	•2	•4	•[illegible]	•2	•2									41	41	11	[illegible]
[illegible]		•[illegible]	•[illegible]	•4	•5	•4	•[illegible]	•2	•2	•1								69	69	7	7
[illegible]	•1	•[illegible]	•[illegible]	•4	•5	•[illegible]	•[illegible]	•[illegible]	•2									86	86	24	13
[illegible]	•[illegible]	•[illegible]	1•[illegible]	•[illegible]	•[illegible]	1•[illegible]	•[illegible]	•[illegible]		•[illegible]								122	122	55	35
[illegible]	•[illegible]	1•5	•[illegible]	1•[illegible]	•[illegible]	1•2	•[illegible]	•[illegible]	•1									171	171	81	46
[illegible]	•[illegible]	2•[illegible]	1•2	1•1	1•[illegible]	1•[illegible]	1•[illegible]	•1										216	216	127	86
[illegible]	1•[illegible]	2•5	1•[illegible]	1•5	1•1	•[illegible]	•[illegible]	•[illegible]										229	229	142	112
[illegible]	1•4	2•1	1•5	1•4	1•2	•3	•[illegible]											232	232	212	151
[illegible]	•[illegible]	2•[illegible]	2•[illegible]	1•5	•[illegible]	•[illegible]	•[illegible]											228	228	240	10[illegible]
[illegible]	1•[illegible]	2•7	1•[illegible]	1•[illegible]	•[illegible]	•[illegible]	•1	•										210	210	26[illegible]	2[illegible]7
[illegible]	•[illegible]	2•[illegible]	1•[illegible]	1•2	•[illegible]	•[illegible]												182	182	264	219
[illegible]	•7	2•[illegible]	1•6	•[illegible]	•4	•[illegible]												139	139	233	191
[illegible]	•4	1•7	1•1	•[illegible]	•[illegible]	•[illegible]												102	102	1[illegible]7	70[illegible]
[illegible]	•1	1•[illegible]	1•[illegible]	•[illegible]	•[illegible]		•[illegible]											95	95	131	17[illegible]
[illegible]	•[illegible]	1•4	1•1	•4	•[illegible]													60	60	11[illegible]	10[illegible]
[illegible]	•	•[illegible]	•[illegible]	•4														47	47	94	15[illegible]
[illegible]	•[illegible]	•4	•[illegible]	•[illegible]	•[illegible]													32	32	64	151
[illegible]	•4	•2	•[illegible]	•[illegible]														19	19	56	1[illegible]7
[illegible]	•[illegible]	•2	•1															0	0	21	6[illegible]
[illegible]	•1	•1	•[illegible]															0	0	14	8[illegible]
[illegible]		•[illegible]	•1															3	3	0	4[illegible]
[illegible]		•[illegible]																1	1	[illegible]	[illegible]
[illegible]																					21
[illegible]																					1
[illegible]																					[illegible]
[illegible]																					4

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

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10/8 2097-54321

4

PSYCHROMETRIC SUMMARY

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
																					1
																					1
	.2	.1	2	14.1	1	.4	4.6	2.	1.1	.3								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.	146	182986	76.2	17.648	2400							
Dry Bulb	442	14 72	6.7	0.700	2400		.3	11	35.7	6.3	.3	720.2
Wet Bulb	198461	13 1 1	54.2	7.725	24		2.4	31.5	5.			720.2
Dew Point	92939	121007	50.4	8.941	2400		20.1	1 .6	3.			720.2

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4

PSYCHROMETRIC SUMMARY

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] / 31							•											1	1		
[illegible] / 71				•	•													2	2		
[illegible] / 71						•	•	•	•									7	7		
[illegible] / 59				•			•	•										5	5	1	
[illegible] / 67			•	•	•	•	•	•	•	•								19	19	1	
[illegible] / 67		•	•	•	•	•	•	•	•	•								35	35	1	1
[illegible] / 67	•	•	•	•	•	•	•	•	•	•								52	52	6	2
[illegible] / 61	•	•	•	•	•	•	•	•	•									68	68	24	11
[illegible] / 59	•	1 •	1 •	•	•	•	•	•	•									121	121	41	25
[illegible] / 57	•	1 •	1 •	1 •	•	•	•	•	•									136	136	96	57
[illegible] / 55	•	1 •	1 •	1 •	•	•	•	•										168	168	106	69
[illegible] / 57	1 •	1 •	1 •	1 •	1 •	•	•	•										184	184	141	111
[illegible] / 51	•	1 •	1 •	1 •	1 •	•	•	•										209	209	173	147
[illegible] / 49	•	1 •	1 •	1 •	1 •	•	•											213	213	187	127
[illegible] / 47	•	1 •	1 •	1 •	•	•	•	•										199	199	193	149
[illegible] / 45	•	1 •	1 •	1 •	1 •	•	•											198	198	209	148
[illegible] / 43	•	1 •	1 •	1 •	•	•												161	161	194	146
[illegible] / 41	•	1 •	1 •	•	•	•												140	140	189	147
[illegible] / 39	•	1 •	1 •	•	•	•												139	139	191	169
[illegible] / 37	•	1 •	•	•	•													95	95	175	150
[illegible] / 35	•	1 •	1 •	•	•	•												86	86	139	185
[illegible] / 33	•	1 •	1 •	•	•													100	100	126	142
[illegible] / 31	•	1 •	•	•														62	62	176	131
[illegible] / 29	•	•	•	•														37	37	75	142
[illegible] / 27	•	•	•	•														25	25	45	112
[illegible] / 25	•	•	•															11	11	32	90
[illegible] / 23			•															2	2	17	66
[illegible] / 21		•																2	2	7	44
[illegible] / 19		•	•															4	4	3	63
[illegible] / 17																				3	27
[illegible] / 15																				1	24
[illegible] / 13																					17
[illegible] / 11																					17
[illegible] / [illegible]																					14

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

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4

PSYCHROMETRIC SUMMARY

1411 | [illegible] | [illegible] | OCT

STATION | STATION NAME | YEARS | MONTH

[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]																					6
[illegible]																					4
[illegible]																					7
[illegible]																					3
[illegible]	[illegible]	31.4	22.1	15.[illegible]	10.7	7.[illegible]	3.3	1.2	.4	.2								2480	2487	2480	2460

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.	12 42[illegible]05	17[illegible]59	72.2	10.274	248[illegible]							
Dry Bulb	[illegible]73693	11[illegible]82	47.8	9.274	248		42.9	0.6	.[illegible]	.3		744.[illegible]
Wet Bulb	[illegible]4[illegible]39	10[illegible]23	43.6	8.745	24[illegible]		56.7	.[illegible]				744.[illegible]
Dew Point	[illegible]39749	94773	38.2	11.326	248[illegible]		228.6					744.[illegible]

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1978 2097 54321

4

PSYCHROMETRIC SUMMARY

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	1		
[illegible]						•												1	1		
[illegible] / 67					• 1													3	3		
[illegible] / [illegible]						•	•	•										3	3	1	
[illegible] / 63			•			•	•											3	3		
[illegible] / 61	•		•		• 1				• 1									10	10	6	4
[illegible] / 58	•	• 1	• 1	• 1	•	•		• 1										22	22	8	7
[illegible] / 57	•	•	• 1	• 1	•	•	• 1											31	31	14	11
[illegible] / 55	•	•	•	• 2	• 4	•		•										52	52	31	24
[illegible] / 53	• 4	• 7	•	• 2	• 2	•	•	• 1										59	59	39	28
[illegible] / 51	•	• 7	•	• 6	•	•	• 1											78	78	50	35
[illegible] / 49	1 • 4	1 • 6	•	• 6	• 6	• 4	• 1											140	140	73	67
[illegible] / 47	1 •	1 •	1 • 1	1 •	•	• 4	•											141	141	111	66
[illegible] / 45	•	•	•	1 •	•	•												137	137	114	69
[illegible] / 43	1 •	•	1 •	•	• 7	•	•											160	160	125	93
[illegible] / 41	1 •	•	•	1 •	1 • 2	•	• 1											202	202	156	105
[illegible] / 39	• 7	• 2	•	1 •	1 • 2	•	•											202	202	159	110
[illegible] / 37	•	• 2	2 • 1	1 •	•	• 1												181	181	173	122
[illegible] / 35	1 • 1	1 • 7	•	1 •	•													166	166	203	141
[illegible] / 33	•	•	• 4	1 • 2	•													180	180	197	129
[illegible] / 31	•	1 •	•	1 •	•													155	155	212	124
[illegible] / 29	•	•	1 •	1 •														127	127	154	144
[illegible] / 27	• 4	1 •	1 •	• 4														93	93	163	145
[illegible] / 25	• 1	1 • 4	1 •	• 4														78	79	119	127
[illegible] / 23	•	1 • 2	1 • 1	•														61	61	94	134
[illegible] / 21	•	•	•	•														45	45	79	134
[illegible] / 19	• 1	• 7	•	•														25	25	51	139
[illegible] / 17	•	•	•															20	20	32	117
[illegible] / 15	•	• 2	• 1															7	7	10	61
[illegible] / 13	• 1	• 1	•															8	8	11	66
1 / 11		•																6	6	7	57
[illegible] / [illegible]		•																1	1	5	50
[illegible] / 7		• 1																2	2	3	37
[illegible] / [illegible]																					24

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

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4

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

PAGE

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
	1	31.	26.1	15.3					.1									2400	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.	1	17	72.5	19.	24							
Dry Bulb		9315	78.8	.493	24		1	1.	.			720.
Wet Bulb		6	75.5	.483	24		2					720.
Dew Point		71527	29.8	1	24		42					720.

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14/N 2397-54321

4

PSYCHROMETRIC SUMMARY

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	1		
[illegible]								•										1	1		
[illegible]						•												1	1	1	
[illegible]		•				•												3	3	1	
[illegible]		•	•	•	•													5	5	[illegible]	[illegible]
[illegible]	•	•	•		•													19	19	13	13
[illegible]	•	•	•	•		•												20	20	16	12
[illegible]	•	•	•	•	•													32	32	24	21
[illegible]	•	•	•	•	•	•	•											40	40	27	14
[illegible]	•	•	•	•	•	•												36	36	31	34
[illegible]	•	1	•	•	•	•												52	52	39	12
[illegible]	•	•	•	•	•	•												60	60	46	32
[illegible]	•	1	•	•	•	•												96	96	66	53
[illegible]	•	1	1	1	•													120	120	66	57
[illegible]	1	1	1	1	•	•												146	146	98	61
[illegible]	1	2	2	•	•													176	176	121	67
[illegible]	1	2	2	•	•													194	194	195	77
[illegible]	•	2	2	•														179	179	191	102
[illegible]	1	2	2	•														179	179	204	107
[illegible]	•	2	2	•														179	179	189	145
[illegible]	•	2	1	•														178	178	165	187
[illegible]	•	2	1	•														170	170	142	152
[illegible]	•	1	1	•														102	102	171	143
[illegible]	•	1	1															78	78	114	114
[illegible]	•	1	1															74	74	91	105
[illegible]	•	1	•															71	71	77	116
[illegible]	•	1	•															79	79	80	84
[illegible]	•	1	•															75	75	81	94
[illegible]	•	1	•															55	55	79	104
[illegible]	•	1																34	34	49	102
[illegible]	•	1																39	39	71	95
[illegible]	•	1																19	19	81	65
[illegible]	•	•																16	16	71	65
[illegible]	•	•																3	9	12	35

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

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4

PSYCHROMETRIC SUMMARY

14/8 2097-54321

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

HOURS (L S T) [illegible]

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
[illegible]	•	•2																6	6	[illegible]	4[illegible]
[illegible]	•4	•1																11	11	12	25
[illegible]	•																	[illegible]	[illegible]	[illegible]	25
[illegible]	•2																	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	•1																	[illegible]	[illegible]	[illegible]	24
[illegible]	•																	[illegible]	[illegible]	[illegible]	24
[illegible]																					[illegible]
[illegible]	•																	1	1	1	14
[illegible]	•																	1	1	1	[illegible]
[illegible]																					[illegible]
[illegible]																					[illegible]
[illegible]																					[illegible]
[illegible]																					[illegible]
[illegible]	1[illegible]	[illegible]4	2[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]										2475	2475		247[illegible]
																		2475		247[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.	[illegible]2179	17[illegible]82	70.3	1[illegible].33[illegible]	2475							
Dry Bulb	[illegible]13[illegible]14	6[illegible]550	26.6	13.371	2475	1[illegible].7	501.1					744.[illegible]
Wet Bulb	[illegible]	6[illegible]32	24.3	1[illegible].20[illegible]	247[illegible]	21.[illegible]	576.9					744.[illegible]
Dew Point	1[illegible]5[illegible]4[illegible]	43444	17.[illegible]	1[illegible].36[illegible]	47[illegible]	27.[illegible]	631.1					744.[illegible]

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4

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH: ALL

HOURS (L S T): [illegible] 1

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]	[illegible]		
[illegible]								•	•	•	•	•						14	14		
[illegible]					•	•	•	•	•	•	•	•	•					19	19		
[illegible]					•	•	•	•	•	•	•	•						96	96		
[illegible]		•	•	•	•	•	•	•	•	•	•	•	•		•			122	122		
[illegible]		•	•	•	•	•	•	•	•	•	•	•		•				174	174	3	1
[illegible]		•	•	•	•	•	•	•	•	•	•	•						266	266	13	2
[illegible]		•	•	•	•	•	•	•	•	•	•		•					294	294	38	6
[illegible]		•	•	•	•	•	•	•	•	•	•	•	•					342	342	65	11
[illegible]	•	•	•	•	•	•	•	•	•	•	•	•						430	430	126	55
[illegible]	•	•	•	•	•	•	•	•	•	•	•							670	670	201	63
[illegible]	•	•	•	•	•	•	•	•	•	•	•	•	•					788	788	402	217
[illegible]	•	•	•	•	•	•	•	•	•	•	•							960	960	598	347
[illegible]	•	•	•	•	•	•	•	•	•	•	•							1076	1076	815	527
[illegible]	•	•	•	•	•	•	•	•	•	•	•							1156	1156	[illegible]	715
[illegible]	•	•	•	•	•	•	•	•	•	•	•							1123	1123	1132	949
[illegible]	•	•	•	•	•	•	•	•	•	•								1077	1077	1153	1051
[illegible]	•	•	•	•	•	•	•	•	•	•								1057	1057	1244	1013
[illegible]	•	•	•	•	•	•	•	•	•	•								1034	1034	1210	1060
[illegible]	•	•	•	•	•	•	•	•	•									976	976	1177	1077
[illegible]	•	•	•	•	•	•	•	•	•									957	957	1068	1007
[illegible]	•	•	•	•	•	•	•	•	•									1025	1025	1096	1054
[illegible]	•	•	•	•	•	•	•	•	•									990	990	1022	961
[illegible]	•	•	•	•	•	•	•	•										992	992	1049	977
[illegible]	•	•	•	•	•	•	•											961	961	1056	921
[illegible]	•	•	•	•	•	•	•											975	975	1070	973
[illegible]	•	•	•	•	•	•	•											1033	1033	1098	947
[illegible]	•	•	•	•	•	•												1029	1029	1074	917
[illegible]	•	•	•	•	•	•												1034	1034	1116	944
[illegible]	•	•	•	•	•	•												1114	1114	1167	949
[illegible]	•	•	•	•	•	•												979	979	1126	899

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

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL 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•	1•	•6	•1	•1												830	830	965	979
/	•1	•6	•1	•4	•1													712	712	955	989
/	•1	•5	•2	•2	•1													643	643	933	945
/	•1	•6	•7	•3														567	567	721	859
/	•1	•6	•7	•2	•1													530	530	646	728
/	•1	•7	•7	•1														493	493	587	792
/	•1	•7	•4	•1														404	404	535	643
/	•1	•7	•5															364	364	484	588
/	•1	•6	•5															344	344	383	577
/	•1	•7	•3															319	319	394	546
/	•1	•7	•2															274	274	347	511
/	•1	•6	•1															245	245	299	471
/	•1	•9	•															191	191	244	467
/	•1	•4	•															153	153	204	361
/	•	•5																109	109	135	3[illegible]
/-	•1	•2																107	107	127	269
/-	•1	•2																69	68	9[illegible]	2[illegible]
/-	•1	•2																58	58	67	249
/-	•1	•1																49	49	6[illegible]	21[illegible]
/-	•1	•1																32	32	3[illegible]	192
/-11	•	•1																22	22	22	177
/-1	•	•1																14	14	17	167
/-1	•	•1																13	13	13	9[illegible]
/-17	•	•1																3	3	3	69
/-1	•																	5	5	5	63
/-21	•																	3	3	3	56
/-23	•																	2	2	2	43
/-25	•																	1	1	1	45
/-27																					33
/-	•																	1	1	1	2[illegible]
/-31																					21
/-33																					4
/-																					3
/-37																					1

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

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4

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH: ALL

HOURS (L.S.T.): PAGE 3

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
[illegible]	.4	[illegible].1	24.[illegible]	14.[illegible]	[illegible].1	[illegible].[illegible]	[illegible].3	[illegible].1	1.3	.6	.[illegible]	.1	.[illegible]	.[illegible]	.[illegible]			29213		29216	
																		29213		29216	

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]146483	2036607	69.7	19.[illegible]34	29213	112.[illegible]	2262.7	1314.7	540.[illegible]	182.1	3.6	8760.0
Dry Bulb	7[illegible].649[illegible]	172233[illegible]	45.3	19.369	29213	112.[illegible]	2262.7	1314.7	540.[illegible]	182.1	3.6	8760.0
Wet Bulb	[illegible].73765	1192831	41.1	17.84[illegible]	29216	134.1	2803.6	434.7	74.4	2.1		8760.0
Dew Point	4[illegible]370136	1021584	35.[illegible]	23.807	29216	582.4	3713.6	216.[illegible]	33.6	.9		8760.0

NAVWEASERVCOM

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

[illegible] [illegible]ICK, ME — 73-82

STATION — STATION NAME — YEARS

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
01	MEAN	17.7	19.5	29.4	37.8	47.8	56.7	62.6	61.9	54.3	43.7	36.0	24.5	41.0
	S. D.	13.590	12.047	9.276	7.029	6.748	5.960	4.993	5.668	7.421	8.565	9.186	12.699	17.900
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
04	MEAN	15.2	17.4	28.0	36.1	46.3	55.1	61.2	60.1	52.5	42.2	35.0	23.4	39.5
	S. D.	13.959	12.594	9.713	7.366	7.289	6.415	5.580	6.218	7.862	8.803	9.649	13.194	18.073
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
07	MEAN	17.2	16.3	28.4	39.7	51.8	60.9	66.2	64.9	54.6	42.6	34.7	22.7	41.4
	S. D.	14.563	13.367	9.943	7.201	6.831	6.230	4.392	5.380	7.163	8.642	9.899	13.478	20.021
	TOTAL OBS	311	282	310	300	310	300	310	310	300	310	300	309	3652
10	MEAN	19.9	24.3	35.6	46.9	58.9	67.2	73.4	71.8	62.6	51.5	41.3	27.7	48.5
	S. D.	12.218	10.725	9.151	9.329	8.612	8.079	6.222	6.939	6.686	7.189	8.500	11.580	20.105
	TOTAL OBS	311	282	310	300	310	300	310	310	300	310	300	310	3653
13	MEAN	24.9	29.3	39.1	50.0	61.4	69.7	76.5	74.8	66.0	55.2	44.7	31.9	52.1
	S. D.	11.934	9.742	8.965	9.876	9.092	8.609	6.962	7.474	7.273	7.576	8.654	10.710	19.517
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
16	MEAN	24.8	29.5	38.6	48.8	59.5	68.0	74.9	73.2	64.7	53.7	42.9	30.5	50.9
	S. D.	10.836	9.435	8.723	9.087	8.882	7.718	6.611	7.161	6.812	7.052	8.470	10.393	18.903
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
19	MEAN	20.7	24.9	34.4	44.0	54.4	63.2	69.4	67.5	58.9	48.0	38.9	27.2	46.1
	S. D.	12.132	10.095	7.960	7.624	7.341	6.393	5.201	5.478	5.947	7.291	8.526	11.502	18.236
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
22	MEAN	18.1	21.7	31.8	40.4	50.5	58.8	65.0	63.9	56.1	45.2	37.0	25.4	42.9
	S. D.	12.833	11.489	8.121	7.000	6.616	5.719	4.645	5.422	6.705	8.124	9.133	12.139	17.854
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
ALL HOURS	MEAN	19.3	22.8	33.2	43.0	53.8	62.4	68.7	67.1	58.7	47.8	38.8	26.6	45.7
	S. D.	13.255	12.186	9.898	9.469	9.370	8.636	7.824	8.127	8.500	9.274	9.694	12.372	19.370
	TOTAL OBS	2432	2256	2480	2400	2480	2400	2483	2483	2400	2480	2400	2475	29213

4

MEANS AND STANDARD DEVIATIONS

JET- ULD TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

STATION	STATION NAME	YEARS
[illegible]	[illegible], MI	73-82

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
[illegible]	MEAN	[illegible]	17.5	26.7	34.8	44.7	53.7	59.7	59.2	51.8	41.2	33.6	22.7	38.5
	S. D.	13.173	11.730	9.141	7.350	6.788	5.773	5.580	5.975	7.820	9.008	9.428	12.480	17.631
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
[illegible]	MEAN	13.7	15.7	25.6	33.5	43.7	52.6	58.7	57.9	50.4	40.0	32.9	21.7	37.3
	S. D.	13.458	12.329	9.828	7.685	7.301	6.357	6.037	6.529	8.166	9.204	9.908	12.914	17.886
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
[illegible]	MEAN	13.3	14.7	26.0	36.2	47.4	56.5	62.0	60.7	52.1	40.2	32.6	21.1	38.6
	S. D.	14.092	12.930	9.968	7.381	6.610	5.508	4.750	5.705	7.452	8.939	10.106	13.176	19.227
	TOTAL OBS	311	282	310	300	310	300	310	310	300	310	300	310	3653
[illegible]	MEAN	17.7	21.3	31.2	40.2	51.1	59.3	65.0	64.2	56.4	45.9	37.5	25.3	43.7
	S. D.	11.799	10.308	8.826	7.684	7.023	6.022	5.464	5.925	6.566	7.548	8.695	11.336	18.010
	TOTAL OBS	311	282	310	300	310	300	310	310	300	310	300	310	3653
[illegible]	MEAN	21.7	25.2	33.5	42.0	52.2	60.4	66.2	65.4	57.9	47.9	39.4	28.2	45.1
	S. D.	10.459	9.224	8.244	7.336	6.994	6.097	5.443	5.839	6.461	7.339	8.505	10.360	16.977
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
[illegible]	MEAN	21.6	25.3	33.1	41.6	51.3	59.4	65.5	64.7	57.4	47.1	38.2	27.2	44.5
	S. D.	10.325	8.925	7.851	6.985	6.715	5.596	5.203	5.739	6.296	7.231	8.415	10.145	16.736
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
[illegible]	MEAN	18.3	21.9	30.4	38.7	48.7	57.0	63.0	62.3	54.6	44.1	35.7	24.8	41.7
	S. D.	11.707	9.932	7.888	6.842	6.252	5.203	4.908	5.236	6.377	7.932	8.866	11.509	17.098
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
[illegible]	MEAN	16.2	19.4	28.6	36.6	46.7	55.0	61.0	60.5	52.0	42.1	34.3	23.4	39.9
	S. D.	12.339	11.139	8.289	7.031	6.413	5.343	5.117	5.516	7.085	8.565	9.405	11.996	17.346
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
ALL HOURS	MEAN	17.0	20.1	29.4	38.0	48.2	56.7	62.6	61.9	54.2	43.6	35.5	24.3	41.1
	S. D.	12.638	11.512	9.259	7.662	7.381	6.336	5.917	6.349	7.525	8.746	9.483	12.009	17.841
	TOTAL OBS	2482	2256	2480	2400	2483	2400	2483	2483	2400	2480	2400	2478	29216

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

14511 BRUNSWICK, ME 73-82

STATION STATION NAME YEARS

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
	MEAN	7.2	9.1	19.5	29.4	41.1	51.2	57.6	57.4	49.4	37.6	29.1	16.7	33.9
	S. D.	16.595	15.779	13.337	10.611	8.732	6.629	6.898	6.956	9.202	11.403	12.003	15.651	20.839
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
	MEAN	6.0	7.9	18.8	28.4	40.5	50.4	56.9	56.3	48.4	36.7	28.6	16.0	33.0
	S. D.	16.522	16.216	13.616	10.905	8.881	7.236	7.143	7.253	9.386	11.446	12.382	16.018	21.017
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
	MEAN	5.7	6.9	19.2	30.2	42.7	53.1	59.1	58.4	49.8	36.8	28.4	15.4	33.9
	S. D.	16.758	16.584	13.751	10.896	9.026	6.776	6.344	6.892	8.707	11.084	12.434	16.301	21.970
	TOTAL OBS	311	282	310	300	310	300	310	310	300	310	300	310	3653
	MEAN	9.1	11.4	21.9	30.6	43.2	53.4	59.7	59.4	51.4	39.2	31.2	18.5	35.9
	S. D.	15.280	14.926	13.713	11.265	10.432	8.248	7.846	7.921	8.922	11.144	12.209	14.741	20.861
	TOTAL OBS	311	282	310	300	310	300	310	310	300	310	300	310	3653
	MEAN	11.4	13.7	22.6	31.2	43.2	53.6	59.8	59.6	51.5	39.4	31.5	19.7	36.6
	S. D.	14.667	14.356	13.427	11.107	10.645	8.700	7.953	8.026	9.024	11.390	12.259	14.641	20.258
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
	MEAN	11.2	13.5	22.6	31.6	43.1	52.9	59.6	59.4	51.6	39.2	30.6	19.3	36.3
	S. D.	14.757	14.493	12.731	10.901	9.878	8.161	7.644	7.909	8.854	11.532	12.245	14.376	20.177
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
	MEAN	9.3	12.2	21.7	30.9	42.8	52.2	58.8	59.0	50.9	39.0	30.0	17.8	35.5
	S. D.	15.747	14.978	12.684	10.539	8.945	7.168	7.016	6.793	8.407	11.093	12.354	15.360	20.438
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
	MEAN	7.9	10.7	21.0	30.4	42.4	51.8	58.2	58.1	50.3	37.9	29.3	17.1	34.7
	S. D.	15.902	15.437	12.896	10.459	8.524	6.478	6.606	6.581	8.580	11.245	12.255	15.406	20.587
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
ALL HOURS	MEAN	8.4	10.7	20.9	30.4	42.4	52.3	58.7	58.4	50.4	38.2	29.8	17.5	35.0
	S. D.	15.919	15.524	13.341	10.865	9.451	7.531	7.262	7.379	8.942	11.326	12.300	15.367	20.808
	TOTAL OBS	2482	2256	2483	2400	2480	2400	2480	2480	2400	2480	2400	2478	29216

4

RELATIVE HUMIDITY

1411 BRUNSWICK, ME 73-82 JAN

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%		
JAN	01	100.0	99.7	97.7	96.5	82.9	65.5	43.5	26.5	9.7	67.5	310
	04	100.0	99.7	98.7	93.9	84.2	67.4	44.5	23.2	9.7	67.8	310
	07	100.0	100.0	99.7	97.4	85.8	67.4	44.8	24.5	11.3	69.0	310
	10	100.0	100.0	99.0	91.6	75.9	52.7	36.0	22.5	9.3	64.2	311
	13	100.0	99.7	96.5	92.3	80.0	41.0	26.5	17.1	8.4	59.0	310
	16	100.0	99.7	94.2	83.9	57.1	40.0	27.1	16.1	7.4	58.4	310
	19	100.0	99.4	97.7	88.7	72.9	48.4	31.6	18.7	7.4	62.2	310
	22	100.0	100.0	98.7	91.9	76.7	61.6	40.0	22.3	7.7	65.7	310
TOTALS		100.0	99.8	97.8	90.8	74.7	55.5	36.9	21.4	8.9	64.2	2491

NAVWEASERVCOM

RELATIVE HUMIDITY

1 1 1	BRUNSWICK, ME	73-82	FEB
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%		
FEB	01	100.0	100.0	98.6	91.5	77.3	60.6	40.4	22.0	7.1	65.3	282
	04	100.0	100.0	98.9	93.6	82.3	63.5	44.0	24.8	9.6	67.1	282
	07	100.0	100.0	98.9	94.3	81.2	63.8	45.7	25.5	9.2	67.4	282
	10	100.0	100.0	96.5	85.5	61.3	46.8	33.0	17.4	6.7	60.0	282
	13	100.0	99.6	91.8	72.3	51.8	36.2	22.7	13.1	3.9	54.7	282
	16	100.0	98.6	87.2	69.9	52.9	35.1	23.4	12.4	4.3	54.2	282
	19	100.0	100.0	95.7	84.8	64.9	46.1	33.7	17.7	7.4	60.6	282
	22	100.0	100.0	97.2	92.2	74.1	54.3	35.8	20.6	7.8	64.0	282
TOTALS		100.0	99.8	95.6	85.5	68.2	50.8	34.8	19.2	7.0	61.7	2256

4

RELATIVE HUMIDITY

1-11 BRUNSWICK, ME 73-92 MAR

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%		
MAR	01	100.0	99.7	98.4	91.9	80.6	67.4	48.7	29.7	11.3	68.4	310
	04	100.0	100.0	99.0	93.2	83.2	69.7	51.6	34.5	14.5	70.2	310
	07	100.0	100.0	100.0	93.2	83.9	65.8	49.0	34.5	13.5	69.8	310
	10	100.0	99.7	93.5	79.4	61.9	47.1	35.5	21.9	11.0	60.7	310
	13	99.7	97.7	87.1	70.0	51.9	37.7	25.8	17.1	6.8	55.3	310
	16	100.0	97.4	87.4	73.5	55.8	40.3	28.7	18.1	6.4	56.4	310
	19	100.0	99.4	94.2	83.9	70.0	52.3	35.5	23.9	10.0	62.6	310
	22	100.0	99.7	96.8	89.7	76.1	61.6	45.2	29.4	11.3	66.5	310
TOTALS		100.0	99.2	94.6	84.4	70.4	55.2	40.0	26.1	10.9	63.7	2480

RELATIVE HUMIDITY

14.11 BRUNSWICK, ME 73-82 APR

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%		
APR	01	100.0	100.0	100.0	96.7	87.0	74.0	60.0	40.7	17.7	73.6	300
	04	100.0	99.7	99.3	97.7	90.0	79.7	65.0	44.0	19.3	75.1	300
	07	100.0	100.0	99.3	95.7	83.0	67.7	50.7	37.7	19.3	71.1	300
	10	100.0	98.7	90.3	71.7	53.3	39.0	28.7	19.0	10.0	57.1	300
	13	100.0	96.7	82.7	64.0	48.7	34.7	27.0	16.0	7.7	53.3	300
	16	100.0	96.0	84.7	73.0	54.7	40.7	31.3	18.7	7.7	56.2	300
	19	100.0	99.0	94.0	85.7	71.7	56.3	39.0	23.7	10.7	63.5	300
	22	100.0	99.7	99.3	94.3	81.0	63.0	50.0	32.0	16.0	69.7	300
TOTALS		100.0	98.7	93.7	84.9	71.1	56.9	44.0	29.0	13.6	65.0	2400

4

RELATIVE HUMIDITY

14611 BRUNSWICK, ME 73-82 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	01	100.0	100.0	100.0	96.4	95.2	86.1	74.8	50.3	21.3	78.7	310
	04	100.0	100.0	100.0	99.4	98.4	90.6	81.0	57.4	25.2	81.4	310
	07	100.0	100.0	99.0	97.1	88.7	73.9	57.7	39.7	17.7	73.5	310
	10	100.0	98.7	92.3	80.6	61.6	46.1	32.6	22.3	9.4	60.1	310
	13	100.0	97.4	86.5	70.6	53.9	39.0	26.1	16.1	6.1	55.5	310
	16	100.0	98.4	90.3	78.7	62.3	44.5	30.3	18.7	7.1	58.6	310
	19	100.0	99.0	97.4	89.4	80.0	68.1	49.1	28.4	10.6	67.8	310
	22	100.0	100.0	99.7	97.1	92.3	81.3	67.1	43.9	16.1	75.7	310
TOTALS		100.0	99.2	95.7	88.9	79.1	66.2	52.2	34.6	14.1	68.9	2480

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
[illegible]	[illegible]	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	01	100.0	100.0	100.0	100.0	100.0	97.3	85.7	56.3	24.0	82.5	300
	04	100.0	100.0	100.0	100.0	99.3	97.7	91.7	69.3	29.3	84.9	300
	07	100.0	100.0	100.0	99.7	97.7	84.0	63.3	43.0	25.0	77.1	300
	10	100.0	100.0	97.7	97.3	73.0	54.3	38.7	26.7	11.7	64.5	300
	13	100.0	100.0	93.7	78.3	63.3	47.7	35.3	21.7	7.7	60.2	300
	16	100.0	100.0	95.7	82.7	67.7	50.7	34.7	24.3	7.7	62.0	300
	19	100.0	100.0	99.7	93.0	85.3	68.7	49.7	31.0	10.0	69.7	300
	22	100.0	100.0	100.0	100.0	97.7	90.0	72.3	45.7	19.0	78.8	300
TOTALS		100.0	100.0	98.3	92.6	85.5	73.8	58.8	39.8	16.7	72.5	2400

4

RELATIVE HUMIDITY

14-11	BRUNSWICK, ME	73-82	JUL
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%		
JUL	01	100.0	100.0	100.0	100.0	100.0	97.4	87.7	67.4	30.3	84.2	310
	04	100.0	100.0	100.0	100.0	99.7	98.4	93.5	75.5	34.2	86.1	310
	07	100.0	100.0	100.0	100.0	98.7	91.6	70.3	48.1	20.6	79.0	310
	10	100.0	100.0	99.7	93.2	74.2	53.2	35.8	23.5	9.7	64.4	310
	13	100.0	100.0	98.4	84.2	60.3	40.6	27.7	16.1	7.7	58.9	310
	16	100.0	100.0	99.3	86.5	71.0	47.7	31.9	18.4	6.5	61.6	310
	19	100.0	100.0	99.7	96.5	87.7	74.2	52.3	32.9	10.3	70.8	310
	22	100.0	100.0	100.0	100.0	99.0	91.3	75.8	54.2	16.8	79.3	310
TOTALS		100.0	100.0	99.6	95.1	86.3	74.3	59.4	42.0	17.0	73.0	2480

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
[illegible]	[illegible]	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	01	100.0	100.0	100.0	100.0	99.4	93.1	91.6	75.2	32.9	85.8	310
	04	100.0	100.0	100.0	100.0	100.0	99.0	96.1	79.4	38.4	87.7	310
	07	100.0	100.0	100.0	100.0	99.4	95.2	84.5	62.9	25.5	83.0	310
	10	100.0	100.0	99.7	95.5	82.9	58.7	41.6	27.4	8.4	67.1	310
	13	100.0	100.0	98.1	89.0	68.7	47.1	32.9	18.7	7.1	61.7	310
	16	100.0	100.0	98.7	91.6	74.8	57.4	36.1	20.3	7.4	64.4	310
	19	100.0	100.0	99.7	98.7	93.5	87.4	66.1	41.0	12.3	75.6	310
	22	100.0	100.0	100.0	100.0	99.7	95.5	84.8	61.6	20.0	82.3	310
TOTALS		100.0	100.0	99.5	96.9	89.8	79.8	66.7	48.3	19.0	76.0	2480

RELATIVE HUMIDITY

14[illegible]11 [illegible]S.IOK, MI 73-[illegible] SEP

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	01	100.0	100.0	100.0	100.0	99.7	95.3	84.7	67.3	37.3	84.5	300
	04	100.0	100.0	100.0	100.0	99.3	97.3	87.7	73.0	44.7	86.7	300
	07	100.0	100.0	100.0	100.0	99.0	96.0	84.3	67.0	39.7	84.9	300
	10	100.0	100.0	100.0	98.0	84.3	62.0	44.3	27.7	14.0	68.8	300
	13	100.0	100.0	99.3	90.0	65.7	46.0	31.7	22.0	9.0	62.1	300
	16	100.0	100.0	99.3	91.3	75.7	55.7	34.3	22.7	12.7	65.0	300
	19	100.0	100.0	100.0	99.7	96.7	83.0	63.0	44.0	19.0	76.2	300
	22	100.0	100.0	100.0	100.0	99.3	92.7	79.3	56.7	27.0	81.8	300
TOTALS		100.0	100.0	99.9	97.4	88.0	76.5	63.7	47.6	25.4	76.3	2400

4

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
[illegible]	[illegible]	[illegible]	OCT

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	01	100.0	100.0	100.0	99.0	94.2	87.4	74.5	56.1	29.0	80.2	310
	04	100.0	100.0	100.0	99.4	95.5	88.4	78.7	63.2	34.2	81.8	310
	07	100.0	100.0	100.0	99.0	96.1	89.0	77.1	60.0	30.6	81.1	310
	10	100.0	100.0	98.4	90.3	75.8	55.8	40.0	21.9	10.6	65.0	310
	13	100.0	100.0	93.9	78.4	60.0	42.3	26.8	16.1	7.1	58.3	310
	16	100.0	99.7	94.5	81.9	66.8	49.4	32.6	19.7	8.4	60.9	310
	19	100.0	100.0	100.0	94.5	88.1	73.4	58.7	35.5	14.2	72.7	310
	22	100.0	100.0	100.0	97.4	92.3	83.2	67.7	48.7	25.5	77.4	310
TOTALS		100.0	100.0	98.4	92.9	87.6	71.7	57.0	40.2	20.0	72.2	2480

4

RELATIVE HUMIDITY

STATION _____ STATION NAME _____ PERIOD _____ MONTH _____

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
[illegible]	[illegible]	100.0	100.0	100.0	99.3	94.0	81.7	64.7	50.0	25.7	77.5	300
	[illegible]	100.0	100.0	100.0	99.3	95.3	84.3	67.7	50.3	30.0	78.6	300
	[illegible]	100.0	100.0	100.0	99.3	94.7	85.7	69.3	52.0	29.3	78.9	300
	[illegible]	100.0	100.0	99.7	92.3	76.7	64.0	49.7	32.7	18.3	69.6	300
	[illegible]	100.0	100.0	96.3	85.0	67.0	49.7	36.0	25.3	15.7	63.1	300
	[illegible]	100.0	100.0	97.7	86.0	72.7	54.3	37.7	26.3	16.0	64.6	300
	[illegible]	100.0	100.0	99.3	94.7	85.7	72.7	57.7	38.0	18.3	72.4	300
	[illegible]	100.0	100.0	100.0	98.0	89.7	78.0	62.3	44.3	22.3	75.3	300
TOTALS		100.0	100.0	99.1	94.2	84.7	71.3	55.6	39.9	22.2	72.5	2400

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
[illegible]	[illegible], MD	73-82	DEC

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	1	100.0	100.0	100.0	98.4	89.0	75.1	59.2	37.5	17.5	73.3	309
	4	100.0	100.0	100.0	97.4	90.6	78.0	60.8	47.8	21.0	74.6	309
	7	100.0	100.0	99.7	96.4	90.0	79.3	63.4	43.7	20.4	75.0	309
	10	100.0	100.0	99.7	94.2	84.8	71.0	49.4	31.0	18.7	70.3	310
	13	100.0	99.4	97.1	88.7	67.7	50.3	35.5	24.2	14.5	63.4	310
	16	100.0	99.7	98.4	90.0	70.3	54.8	38.7	21.3	13.9	64.5	310
	19	100.0	100.0	99.0	95.1	83.9	65.7	47.6	29.4	17.5	69.4	309
	22	100.0	100.0	100.0	96.8	88.7	73.8	55.0	33.0	18.1	71.9	309
TOTALS		100.0	99.9	99.2	94.6	83.1	68.5	51.2	32.6	17.7	70.3	2475

RELATIVE HUMIDITY

1- 11 | [illegible], ME | 73-[illegible] | ALL

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]	ALL	100.0	[illegible]9.8	97.8	[illegible]0.8	74.7	55.5	36.9	21.4	[illegible].9	64.2	2481
[illegible]		100.0	99.8	95.6	[illegible]5.9	68.7	50.8	34.6	19.2	7.0	61.7	2256
MAR		100.0	99.2	94.6	[illegible]4.4	70.4	55.2	40.0	26.1	10.9	63.7	2480
[illegible]		100.0	[illegible]6.7	93.7	[illegible]4.9	71.1	56.9	44.[illegible]	29.0	13.6	65.0	2400
MAY		100.0	[illegible]9.2	95.7	[illegible]8.9	79.1	66.2	52.2	34.6	14.1	68.9	2480
JUN		100.0	100.0	98.3	[illegible]2.6	85.5	73.8	58.8	39.8	16.7	72.5	2400
JUL		100.0	100.0	99.6	[illegible]5.1	86.[illegible]	74.3	59.4	42.0	17.0	73.0	2480
AUG		100.0	100.0	99.5	[illegible]6.9	89.[illegible]	79.8	66.7	48.3	19.0	76.0	2480
SEP		100.0	100.0	99.6	[illegible]7.4	90.0	78.5	63.7	47.6	25.4	76.3	2400
OCT		100.0	100.0	98.4	[illegible]2.5	83.6	71.7	57.0	40.2	20.0	72.2	2480
NOV		100.0	100.0	99.1	[illegible]4.2	84.7	71.3	55.6	39.9	22.2	72.5	2400
DEC		100.0	[illegible]9.9	99.0	[illegible]4.6	83.1	68.5	51.2	32.6	17.7	70.3	2475
TOTALS		100.0	[illegible]9.7	97.6	[illegible]1.5	[illegible]0.[illegible]	66.9	51.7	35.1	16.0	69.7	29212

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

STATION [illegible] YEAR JANUARY 1973-DECEMBER 1977 MONTH JANUARY 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											
77 TO 81											
72 TO 76											
67 TO 71											
62 TO 66											
57 TO 61						100.0				1	.0
52 TO 56					100.0					2	.1
47 TO 51					62.5	20.8	16.7			24	1.0
42 TO 46	2.9	5.7	2.9	2.9	40.6	26.1	11.6	5.8	1.4	69	2.8
37 TO 41	17.2	2.3	4.1	4.8	16.6	19.3	17.9	3.4	13.8	145	5.9
32 TO 36	24.4	16.4	3.9	1.3	5.8	14.3	5.5	9.7	15.1	232	9.6
27 TO 31	25.2	11.2	1.4		4.2	16.4	12.6	14.2	16.1	282	11.9
22 TO 26	24.2	13.6	2.8	.3	4.7	8.8	12.1	19.2	14.4	317	12.6
17 TO 21	26.2	16.7	.6		1.4	7.4	11.1	15.6	19.4	365	14.7
12 TO 16	21.6	13.7	1.4	.2	2.0	6.7	13.3	16.5	17.7	345	13.9
7 TO 11	27.9	12.6	2.3		.4	7.5	12.6	17.2	20.3	265	10.7
2 TO 6	29.3	10.9	1.1		1.1	5.7	12.6	14.4	24.7	178	7.2
-3 TO 1	22.6	15.1	1.6		.8	6.3	10.2	14.2	29.1	127	5.1
-8 TO -4	29.6	15.2	3.1		1.5	3.0	7.6	12.1	28.8	66	2.7
-13 TO -9	19.4	3.2			3.2	6.5	9.7	19.4	38.7	31	1.2
-18 TO -14	3.5	16.7						25.0	53.0	12	.5
-23 TO -19		16.7				16.7			66.7	6	.2
-28 TO -24		50.0						50.0		2	.1
TOTA	20.9	12.0	2.6	.4	5.5	10.3	11.2	14.3	19.2	2482	100.0

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

[illegible] STATION [illegible] JANUARY 1977-DECEMBER 1977 FEBRUARY 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											
77 TO 81											
72 TO 76											
67 TO 71											
62 TO 66											
57 TO 61					33.3	33.3	33.3			3	.1
52 TO 56				33.3		33.3	33.3			3	.1
47 TO 51		3.4	10.3	24.1	31.0	17.2		6.9	6.9	29	1.3
42 TO 46	5.3	1.3	3.9	6.9	30.7	20.0	14.7	8.0	4.0	75	3.3
[illegible]	16.9	9.9	7.6	7.0	14.5	17.4	8.7	12.6	5.9	172	7.6
[illegible]	20.3	7.4	6.2	3.1	14.5	15.7	9.5	11.1	12.3	325	14.4
[illegible]	27.9	12.7	2.5	.6	7.7	10.2	8.4	15.8	14.2	323	14.3
[illegible]	28.0	14.2	2.1	.3	6.8	7.4	8.0	18.0	15.3	339	15.0
[illegible]	32.0	12.3	1.3	.7	3.3	7.3	10.0	19.3	16.0	300	13.3
[illegible]	31.2	8.8	.5		1.2	2.2	9.4	24.0	23.6	250	11.1
[illegible]	32.0	9.4	1.0		1.5	3.2	5.4	17.7	30.0	203	9.0
[illegible]	32.0	5.6			1.6	2.4	3.0	16.8	33.6	125	5.5
[illegible]	35.9	1.6			1.6		4.7	25.0	31.3	64	2.8
[illegible]	29.3	4.9	2.4				2.4	19.5	41.5	41	1.8
[illegible]									100.0	4	.2
[illegible]											
[illegible]											
[illegible]										

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

STATION _____ JANUARY 1973-DECEMBER 1982 YEAR MARCH 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											
72 TO 76							100.0			1	.0
67 TO 71					66.7		33.3			3	.1
62 TO 66		20.0			20.0		40.0		20.0	5	.2
57 TO 61		12.5	12.5		31.3		6.3	37.5		16	.6
52 TO 56	16.1				48.4	9.7	9.7	9.7	6.5	31	1.3
47 TO 51	11.1	5.6	2.8	11.1	37.0	11.1	4.6	11.1	5.6	108	4.4
42 TO 46	13.3	13.6	5.1	6.7	29.8	16.9	4.7	10.2	2.7	255	10.3
37 TO 41	17.4	9.5	5.6	5.2	21.3	15.7	5.2	10.6	9.9	536	21.6
32 TO 36	19.3	11.3	6.1	2.2	13.2	13.2	6.8	11.3	16.7	592	23.9
27 TO 31	20.2	12.1	3.3	.9	7.1	8.6	8.3	19.9	19.9	397	16.0
22 TO 26	24.1	8.5	4.0	.9	6.3	4.9	7.1	21.4	22.8	224	9.0
17 TO 21	26.6	13.4	1.3		1.9	.6	7.1	20.5	21.4	154	6.2
12 TO 16	20.6	14.3			2.2		6.6	24.2	22.0	91	3.7
7 TO 11	29.3	9.8	2.4			2.4	2.4	22.0	31.7	41	1.7
2 TO 6	29.4	17.6					11.8	11.8	29.4	17	.7
-3 TO 1	16.7	16.7					16.7	16.7	33.3	6	.2
-8 TO -4	33.3								66.7	3	.1
-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											
TOTALS	13.4	10.4	4.4	3.0	15.2	10.7	5.6	15.3	15.0	2430	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

STATION _____ JANUARY 1973-DECEMBER 1982 APRIL
YEARS MONTH HOURS (LST)

WIND DIRECTION

TEMP	NNE & N	NE & ENE	E & ESE	SE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
102 TO 106										
97 TO 101										
92 TO 96										
87 TO 91										
82 TO 86										
77 TO 81	33.3	33.3			33.3		41.3		3	.2
72 TO 76	28.6				14.3	28.6		28.6	7	.3
67 TO 71	16.7	3.3	3.3	3.3	43.3	13.3	3.3	13.3	30	1.3
62 TO 66	22.0		2.4	2.4	22.0	7.3	12.2	26.8	41	1.7
57 TO 61	17.8	7.5		.9	29.9	15.9	4.7	16.6	107	4.5
52 TO 56	15.5	8.2	4.3	1.4	25.6	17.9	1.1	11.6	207	8.6
47 TO 51	13.6	8.2	3.6	4.9	27.4	14.6	6.2	15.9	392	16.3
42 TO 46	15.1	10.9	5.4	6.4	18.9	8.9	6.4	13.2	514	21.4
37 TO 41	22.7	11.8	6.7	7.5	12.2	7.3	7.3	14.6	490	20.5
32 TO 36	24.4	9.3	5.8	2.9	4.8	7.2	11.9	19.4	19.1	377	15.7
27 TO 31	23.6	3.2	3.8	.6	1.9	3.8	12.1	23.6	27.4	157	6.5
22 TO 26	29.2	12.5	2.1			4.2	12.5	20.8	15.8	48	2.0
17 TO 21	13.3						4.3	56.5	26.1	23	1.0
12 TO 16								50.0	50.0	2	.1
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-63 TO -59											
TOTALS	18.3	9.1	4.0	4.8	16.3	7.9	.3	15.0	12.2	2435	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

STATION _____ STATION NAME _____ YEARS JANUARY 1973-DECEMBER 1982 MONTH MAY 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							100.0			1	.0
87 TO 91	50.0							50.0		2	.1
82 TO 86	21.4			7.1	28.6	7.1	7.1	28.6		14	.6
77 TO 81	12.1		3.0	3.0	45.5	15.2	15.2	6.1		33	1.3
72 TO 76	16.7	3.7	1.9	5.6	37.0	13.0	3.7	16.7	1.9	54	2.2
67 TO 71	14.4	9.6	3.2	1.6	35.2	15.2	6.4	13.6	4.8	125	5.0
62 TO 66	10.7	8.6	3.7	7.0	37.7	13.9	4.1	9.0	5.3	244	9.8
57 TO 61	11.2	7.0	7.0	7.7	31.2	15.2	3.5	8.7	8.5	401	16.2
52 TO 56	11.3	11.2	6.7	6.5	35.5	10.4	4.1	7.8	11.5	533	21.7
47 TO 51	12.1	11.0	6.9	5.5	22.5	11.8	5.6	8.1	16.2	510	20.9
42 TO 46	17.4	7.6	13.6	6.9	19.5	4.4	4.9	5.7	24.0	367	14.8
37 TO 41	17.3	9.0	6.8	2.3	1.5	7.5	12.5	10.5	34.6	133	5.4
32 TO 36	18.6					7.3	18.6	7.0	46.5	43	1.7
27 TO 31							16.7		83.3	6	.2
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-63 TO -59											
-68 TO -64											
-73 TO -69											
-78 TO -74											
-83 TO -79											
-88 TO -84											
-93 TO -89											
-98 TO -94											
-103 TO -99											
-108 TO -104											
-113 TO -109											
-118 TO -114											
-123 -											
TOTALS	13.1	8.7	7.0	[illegible]	25.3	11.0	5.4	[illegible]	14.5	2487	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

K [illegible] / STATION — [illegible] / YEAR NUMBER — JANUARY 1977-DECEMBER 1982 / YEARS — JUNE / MONTH — [illegible] / HOURS (LST)

WIND DIRECTION

TEMP.	N&NNW	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					[illegible]			[illegible]		[illegible]	[illegible]
87 TO 91	12.5			[illegible]	25.0	25.[illegible]	[illegible]	25.0		16	.7
82 TO 86	[illegible].7	6.5			19.6	26.1	4.3	30.4	4.3	46	1.9
77 TO 81	9.2	4.[illegible]			31.0	28.7	9.2	14.9	2.3	87	3.6
72 TO 76	3.6	5.6	2.0	2.5	37.6	19.3	[illegible].1	14.2	5.1	197	8.2
67 TO 71	[illegible].7	3.[illegible]	2.0	4.7	36.4	22.6	4.9	9.[illegible]	6.9	349	14.5
62 TO 66	7.8	6.1	4.0	4.4	37.0	19.4	4.4	6.8	10.2	527	22.0
57 TO 61	10.7	7.9	5.6	7.2	30.5	14.7	3.7	5.6	14.2	571	23.8
52 TO 56	15.1	7.3	9.0	6.5	22.1	7.[illegible]	7.5	4.3	20.6	398	16.6
47 TO 51	17.4	8.1	9.3	3.7	14.9	5.6	9.9	4.3	26.7	161	6.7
42 TO 46	14.7	2.9			[illegible].9	14.7	[illegible].8	5.9	50.0	34	1.4
[illegible] TO 41						25.0	16.7	8.3	50.0	12	.5
32 TO 36											
27 TO 31											
22 TO 26											
[illegible] TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
[illegible] TO 1											
[illegible] TO -4											
[illegible] TO -9											
[illegible] TO -14											
[illegible] TO -19											
[illegible] TO -24											
[illegible] TO -29											
[illegible] TO -34											
[illegible] TO -39											
[illegible] TO -44											
[illegible] TO -49											
35 TO 34											
[illegible] TO [illegible]											
TOTALS	[illegible].[illegible]	[illegible].0	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	5.6	[illegible].6	[illegible].4	[illegible].[illegible]	[illegible].[illegible]

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

STATION _____ JANUARY 1973-DECEMBER 1982 YEARS JULY MONTH _____ HOURS L.S.T.

WIND DIRECTION

TEMP.	NNE & N	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					20.0	20.0	6.0			5	.2
87 TO 91	20.0	5.7			25.7	14.3	11.4	22.9		35	1.4
82 TO 86	14.3	2.5	5.1	2.5	21.8	28.6	8.4	12.1	1.7	119	4.8
77 TO 81	11.6	2.9	1.6	1.9	35.4	22.0	7.2	13.4	4.0	277	11.2
72 TO 76	11.3	5.2	2.3	3.3	34.0	21.5	4.7	11.2	7.2	362	14.6
67 TO 71	7.6	3.5	2.3	2.6	33.4	25.5	4.4	6.8	12.9	617	24.5
62 TO 66	12.3	3.4	3.5	6.2	23.3	15.8	4.3	6.6	20.1	682	27.5
57 TO 61	15.7	7.7	5.6	4.9	11.5	8.4	4.5	8.7	32.1	287	11.6
52 TO 56	14.2	1.2	3.5		2.3	7.2	10.5	12.8	48.3	86	3.5
47 TO 51			7.1			7.1		14.3	71.4	14	.6
42 TO 46									100.0	6	.2
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-63 TO -59											
TOTAL	11.4	4.3	3.4	3.7	27.7	19.1	6.3	7.3	16.3	2435	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

[illegible] | [illegible] | JANUARY 1973-DECEMBER 1982 | AUGUST | [illegible]

WIND DIRECTION

TEMP	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
[illegible]											
[illegible]											
[illegible]											
[illegible]											
[illegible]											
[illegible]											
[illegible]	[illegible]							[illegible]		[illegible]	[illegible]
[illegible]	[illegible]		[illegible]		[illegible]		[illegible]			[illegible]	[illegible]
[illegible]	11.6				28.4	11.	5.9	41.2		17	.7
[illegible]	[illegible]	1.0	3.0		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	14.3	5.1	1.4	3.2	33.2	15.7	11.1	11.1	5.1	217	9.8
[illegible]	13.5	5.3	4.1	4.4	29.7	17.4	9.4	[illegible]	[illegible]	340	13.7
[illegible]	[illegible]	5.0	[illegible]	4.7	31.1	22.6	4.3	4.5	15.3	557	22.5
[illegible]	13.9	7.1	[illegible]	6.1	22.4	14.4	5.1	5.6	19.9	662	26.7
[illegible]	16.3	6.6	[illegible]	4.7	13.6	[illegible]	4.2	[illegible]	32.3	[illegible]	15.4
[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]						[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]							[illegible]		[illegible]	[illegible]	[illegible]
[illegible]											
[illegible]											
[illegible]											
[illegible]											
[illegible]										

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

1 - 11 STATION | [illegible] YEARS | JANUARY 1977-DECEMBER 1982 YEARS | SEPTEMBER 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
102											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86							100.0			1	.0
77 TO 81								100.0		1	.0
72 TO 76	13.4	7.7	7.7		34.6	15.4		13.4		17	.5
67 TO 71	6.7	3.3	3.3	3.3	43.3	20.0	10.0	10.0		30	1.3
62 TO 66	14.3	5.7	1.0	2.0	12.1	23.1	6.7	15.2	1.5	1[illegible]	4.4
57 TO 61	9.8	4.5	2.4	2.4	32.9	21.1	9.3	11.0	8.5	246	10.3
52 TO 56	10.6	4.6	1.6	4.2	34.5	19.4	5.6	9.0	10.9	5[illegible]	20.9
47 TO 51	14.1	5.9	3.1	4.2	21.4	18.1	5.2	2.3	21.1	576	24.0
42 TO 46	17.0	13.3	6.1	2.6	15.2	11.7	6.3	8.3	10.9	460	19.2
37 TO 41	21.6	7.6	1.1	1.7	8.2	6.7	4.9	9.0	39.5	263	11.2
32 TO 36	27.2	4.6			4.3	2.5	5.6	12.6	43.4	151	6.3
27 TO 31	25.9	5.6			2.3	8.3	2.8	2.8	52.3	36	1.5
22 TO 26	23.1	7.7					15.4	7.7	46.2	13	.5
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-63 TO -59											
-68 TO -64											
-73 TO -69											
-78 TO -74											
-83 TO -79											
TOTAL	1[illegible].3	7.[illegible]	[illegible].4	[illegible].[illegible]	[illegible]1.2	15.3	[illegible].[illegible]	[illegible].7	19.[illegible]	24[illegible]	1[illegible].0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

STATION [illegible] JANUARY 1977-DECEMBER 1982 OCTOBER

WIND DIRECTION

TEMP	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
102											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76						100.0				1	.3
67 TO 71											
62 TO 66	25.0				25.0		25.0			4	.2
57 TO 61	3.6	7.1	3.6	7.1	28.6	21.4	7.1	21.4		28	1.1
52 TO 56	9.5	6.0	3.6	1.7	38.2	21.7	13.3	11.2	1.7	116	4.7
47 TO 51	13.2	8.4	4.4	4.1	30.7	17.2	6.1	7.6	8.1	296	11.9
42 TO 46	13.7	7.5	4.9	3.5	29.2	15.7	6.5	7.7	8.1	402	16.2
37 TO 41	10.8	12.5	5.4	4.4	14.0	15.7	6.9	11.7	1.4	521	21.0
32 TO 36	26.4	9.0	1.9	.9	9.3	10.9	9.5	13.7	18.4	432	17.4
27 TO 31	25.6	8.7	2.0	.7	1.7	9.3	8.6	14.3	29.6	301	12.1
22 TO 26	29.0	2.7	1.3		1.3	6.3	6.3	11.6	35.7	224	9.0
17 TO 21	33.7	3.5			1.2	4.7	5.8	5.5	45.3	86	3.5
12 TO 16	5.7					6.7	6.7	5.7	77.3	15	.6
7 TO 11									100.0	4	.2
2 TO 6											
-3 TO 1											
-8 TO -4											
TOTALS	.2	.1	.7	.5	1.4	11.1	.4	11.1	17.4	24	1 .0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

STATION _____ YEAR 1977-78 MONTH _____ HOURS _____

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
						100.0				1	.1
		25.0			25.0	25.		25.		4	.2
	11.1				11.1	33.3	22.2	22.2		9	.4
	5.2	3.3	1.7	1.7	25.3	33.3	5.3	3.3	1.7	60	2.5
	5.2	13.1	2.3	.7	26.6	29.5	4.7	6.7	9.4	143	6.2
	15.2	7.8	7.2	4.3	20.9	21.5	1 .3	5.3	10.3	321	13.4
	17.6	14.	3.1	1.6	15.1	12.5	12.8	9.7	12.5	391	16.3
	24.2	11.6	2.0	1.4	5.9	11.6	14.1	13.3	15.9	401	2 .5
	27.5	6.3	.9	.7	3.1	11.	12.2	14.	23.5	436	1 .2
	26.3	10.9	2.5	.4	.7	4.6	7.8	16.3	28.4	275	11.9
	19.3	4.2	1.6		3.0	4.2	9.3	1. .1	42.3	156	6.9
	13.3	11.1	4.5	1.2	3.2		7.3	15.3	22.2	63	2.6
	13.3	5.6				5.6	5.6	11.1	37.9	18	.8
	10.0	16.7							73.3	6	.3
TOTAL	.4	3.	2.7	1.4	9.4	13.1	11.4	11.2	1.9	24	1.0.7

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

WIND DIRECTION

TEMP.	NNE & N	NE & NNE	ENE & NE	E & ENE	ESE & E	SE & ESE	SSE & SE	S & SSE	SSW & SW	WSW & S	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

STATION _____ YEARS _____ YEAR _____ MONTH _____ HOURS _____

WIND DIRECTION

TEMP.	NNE & N	NE & ENE	E & ESE	SE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
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-40										
TOTAL										

NOCD, Federal Building
Asheville, N. C.

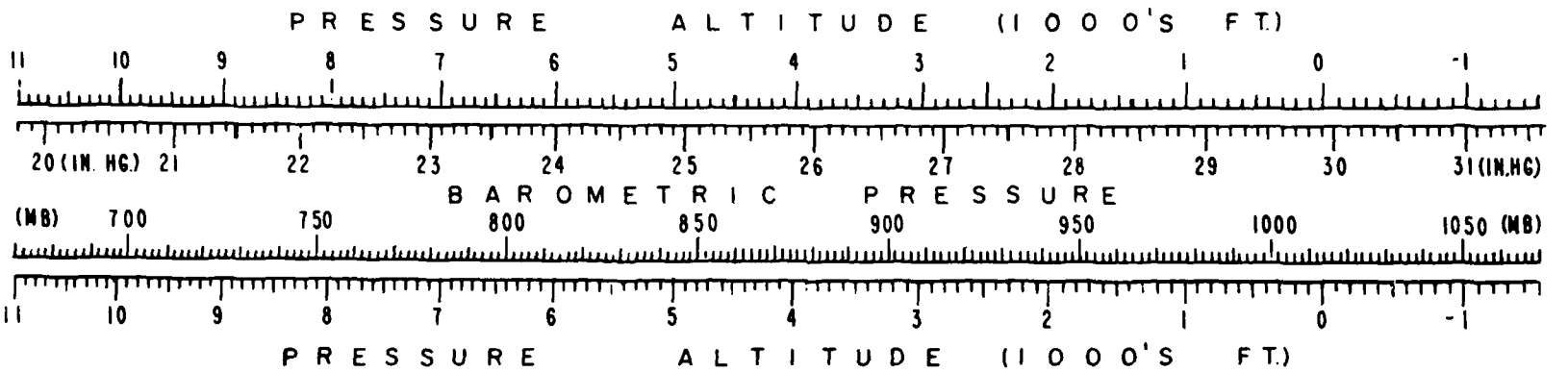
PART F PRESSURE SUMMARY

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

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

14611 — STATION
BRUNSWICK, ME — STATION NAME
77-82 — YEARS

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
01	MEAN	1013.3	1014.9	1013.8	1012.6	1013.8	1013.5	1013.2	1015.6	1016.3	1016.3	1015.3	1014.9	1014.5
	S. D.	11.834	10.886	10.854	9.172	6.372	6.859	5.756	4.837	6.951	9.308	10.270	11.537	9.083
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
04	MEAN	1013.4	1014.8	1013.5	1012.4	1013.6	1013.5	1013.3	1015.6	1016.2	1016.2	1015.3	1015.0	1014.4
	S. D.	11.831	11.093	11.105	9.227	6.533	6.927	5.813	4.685	7.036	9.469	10.469	11.603	9.199
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
07	MEAN	1014.3	1015.4	1014.3	1013.3	1014.5	1014.3	1014.1	1016.5	1017.1	1017.1	1015.8	1015.4	1015.1
	S. D.	11.905	11.202	11.368	9.317	6.677	7.013	5.851	4.994	7.066	9.487	10.622	11.778	9.310
	TOTAL OBS	311	282	313	300	310	300	310	310	300	310	300	310	3653
10	MEAN	1014.7	1015.6	1014.4	1013.0	1014.3	1014.1	1013.9	1016.4	1017.1	1017.2	1016.0	1016.0	1015.2
	S. D.	12.087	11.265	11.333	9.298	6.679	7.108	5.862	5.112	7.065	9.459	10.742	11.948	9.372
	TOTAL OBS	311	282	310	300	310	300	310	310	300	310	300	310	3653
13	MEAN	1012.6	1014.0	1013.1	1011.9	1013.4	1013.5	1013.2	1015.6	1016.2	1015.8	1014.5	1014.1	1014.0
	S. D.	11.935	10.782	11.118	8.978	6.560	7.057	5.846	5.087	6.975	9.230	10.510	11.854	9.196
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
16	MEAN	1012.7	1013.8	1012.6	1011.4	1012.9	1013.0	1012.7	1015.0	1015.4	1015.6	1014.6	1014.3	1013.7
	S. D.	11.875	10.361	10.675	8.806	6.323	7.037	5.729	5.038	6.870	9.013	10.105	11.676	8.989
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
19	MEAN	1013.4	1014.9	1013.5	1012.3	1013.5	1013.3	1013.0	1015.3	1016.0	1016.3	1015.5	1015.1	1014.3
	S. D.	12.019	10.236	10.515	8.799	5.989	6.876	5.497	4.885	6.894	8.995	9.847	11.547	8.891
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
22	MEAN	1013.5	1015.2	1013.9	1012.9	1014.1	1013.9	1013.6	1015.9	1016.4	1016.6	1015.6	1015.2	1014.7
	S. D.	12.013	10.394	10.618	8.984	6.027	6.873	5.542	4.827	6.918	9.269	9.927	11.550	8.950
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
ALL HOURS	MEAN	1013.5	1014.8	1013.6	1012.5	1013.8	1013.6	1013.4	1015.7	1016.3	1016.4	1015.3	1015.0	1014.5
	S. D.	11.937	10.732	10.952	9.069	6.409	6.971	5.747	4.975	6.981	9.282	10.313	11.690	9.138
	TOTAL OBS	2482	2256	2480	2400	2480	2400	2480	2480	2400	2480	2400	2478	29216

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

14911 — STATION
BRUNSWICK, ME — STATION NAME
73-87 — YEARS

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
01	MEAN	29.844	29.893	29.861	29.825	29.861	29.852	29.844	29.913	29.934	29.936	29.903	29.894	29.880
	S. D.	.349	.321	.320	.270	.187	.202	.169	.143	.205	.274	.303	.339	.267
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
04	MEAN	29.848	29.889	29.852	29.820	29.858	29.851	29.845	29.913	29.932	29.932	29.903	29.894	29.878
	S. D.	.349	.327	.327	.272	.192	.204	.171	.144	.207	.279	.306	.341	.271
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
07	MEAN	29.866	29.908	29.875	29.844	29.882	29.875	29.868	29.939	29.956	29.957	29.919	29.905	29.899
	S. D.	.351	.330	.335	.275	.197	.207	.172	.147	.206	.279	.313	.345	.274
	TOTAL OBS	311	282	310	300	310	300	310	310	300	310	300	310	3653
10	MEAN	29.885	29.914	29.877	29.837	29.875	29.871	29.863	29.937	29.957	29.959	29.925	29.924	29.902
	S. D.	.356	.332	.334	.271	.197	.209	.172	.150	.208	.279	.316	.353	.276
	TOTAL OBS	311	282	310	300	310	300	310	310	300	310	300	310	3653
13	MEAN	29.825	29.867	29.838	29.803	29.849	29.851	29.841	29.912	29.925	29.919	29.882	29.869	29.865
	S. D.	.352	.317	.328	.265	.193	.209	.172	.150	.206	.272	.309	.349	.271
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
16	MEAN	29.829	29.860	29.824	29.789	29.835	29.837	29.827	29.895	29.908	29.913	29.885	29.876	29.856
	S. D.	.350	.306	.315	.260	.187	.207	.168	.148	.202	.266	.298	.344	.265
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
19	MEAN	29.850	29.891	29.852	29.815	29.851	29.845	29.836	29.905	29.926	29.935	29.911	29.898	29.876
	S. D.	.354	.301	.313	.259	.177	.202	.162	.144	.203	.265	.290	.340	.262
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
22	MEAN	29.852	29.900	29.863	29.834	29.869	29.862	29.853	29.922	29.936	29.941	29.912	29.900	29.887
	S. D.	.354	.306	.313	.264	.178	.203	.163	.142	.204	.274	.292	.341	.264
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
ALL HOURS	MEAN	29.850	29.890	29.855	29.821	29.860	29.855	29.847	29.917	29.934	29.936	29.905	29.895	29.880
	S. D.	.352	.318	.323	.267	.189	.205	.169	.147	.206	.274	.304	.344	.269
	TOTAL OBS	2482	2256	2480	2400	2480	2400	2480	2480	2400	2480	2400	2478	29216

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