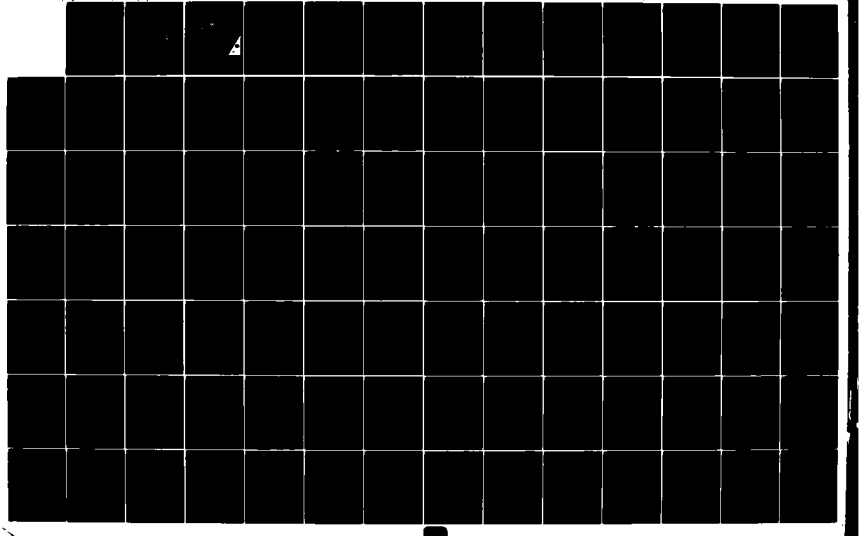
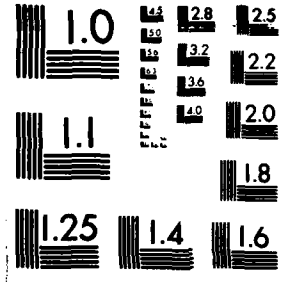
AD A150 457 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) 1/4
BARBERS POINT HAWAII(U) NAVAL OCEANOGRAPHY COMMAND
UNCLASSIFIED DETACHMENT ASHEVILLE NC SEP 84
F/G 4/2 NL





MICROCOPY RESOLUTION TEST CHART
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SMOS, Barbers Point, Hi.
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SMOS

SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE

STATION:	#25514	Barbers Point, HI
PERIOD:	HOURLY	1/73-12/82
	DAILY	1/49-12/82
JOB NO.	72006	DATE September 1984

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

PREPARED FOR
COMMANDER,
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4. TITLE (and Subtitle) Summary of Meteorological Observations, Surface (SMOS) Barbers Point		5. TYPE OF REPORT & PERIOD COVERED Reference Report 1973-1982
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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

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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	WMO NUMBER
22514	Barbers Point, Hawaii	21°19'N	158°05'W	33	PHNA	91178

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.	Second deck operations building	Navy	1950	1957	21°19'N	158°05'W	50	Mercurial	24
2.	Relocated within weather services spaces	"	1957	1969	"	"	50	"	24
3.	Relocated within weather services spaces	"	1969		"	"	50	"	24
1a.	NWSED spaces, 2nd deck operations building	"	1966		"	"	52	Aneroid	

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1.	Installed	18 ft mast on the operations tower	Selsyn	Double register	84'	* Earlier documentation not available. 1. Barograph (ML-3)
2.	1957	Near the intersection of the runways at a distance of 2400 feet SE of operations building	AN/UMQ-5C	RD 108B	12'	2. Auto. Met Sta (AN/GMQ-29A) 3. Ceiling light (ML-121)

NOCD, Federal Building
Asheville, NC

WEATHER CONDITIONS

NOCD, Federal Building
Asheville, N. C.

PART A WEATHER CONDITIONS

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

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

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

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

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

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

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

Hail Occurrences of hail and small hail are included.

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

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

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

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

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

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

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

TE: 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.

WEATHER CONDITIONS

STATION | STATION NAME | YEARS | MONTH

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.
TOTALS													

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WEATHER CONDITIONS

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION
CORRECTED FOR MONTHLY 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.
TOTALS													

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4

WEATHER CONDITIONS

STATION | STATION NAME | YEARS | MONTH

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.
TOTALS													

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WEATHER CONDITIONS

STATION | STATION NAME | YEARS | MONTH

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.
TOTALS													

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WEATHER CONDITIONS

STATION | STATION NAME | YEARS | MONTH

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.
TOTALS													

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WEATHER CONDITIONS

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
BASED ON 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.
TOTALS													

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WEATHER CONDITIONS

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER ELEMENTS 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.
			1.				1.						
			1.				1.						
TOTALS													

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WEATHER CONDITIONS

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.
TOTALS													

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WEATHER CONDITIONS

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
PHENOMENA 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.
TOTALS													

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WEATHER CONDITIONS

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.
TOTALS													

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WEATHER CONDITIONS

STATION | STATION NAME | YEARS | MONTH

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.
TOTALS													

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WEATHER CONDITIONS

STATION | STATION NAME | YEARS | MONTH

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.
TOTALS													

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WEATHER CONDITIONS

STATION | STATION NAME | YEARS | MONTH

NUMERICAL 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.
TOTALS													

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WEATHER CONDITIONS

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE AT SYNOPTIC
FOR PAST [illegible] YEARS 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.
TOTALS													

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PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

[illegible] STATION | [illegible] POINT, H[illegible] STATION NAME | JANUARY 1973-DECEMBER 1982 YEARS | JANUARY MONTH | [illegible]

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	[illegible]	NO WEATHER
N	[illegible]	5.7							[illegible].7					[illegible]
NNE	.	3.[illegible]												[illegible].3
NE	.4	2.9							.2					[illegible].7
ENE	.	[illegible].3												[illegible].3
E	3.	7.0						.						[illegible].4
ESE	[illegible]	1.9						1.						[illegible].3
SE		[illegible].7												[illegible].
SSE	1.4	7.1												[illegible].
S	.	7.2												[illegible].2
SSW	.	4.[illegible]							.					[illegible].
SW	.	4.1						1.0						[illegible].
WSW	.	[illegible].8						.[illegible]						[illegible].
W	.	[illegible].[illegible]						.						[illegible].5
WNW	.	3.8												[illegible].3
NW	.[illegible]	13.3												[illegible].[illegible]
NNW	.	12.5												[illegible].
VARIABLE														
CALM	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL	[illegible]	11[illegible]						[illegible]	[illegible]					2[illegible]24
% TOTAL	1.[illegible]	4.[illegible]						.[illegible]	.1					[illegible].

TOTAL NUMBER OF OBSERVATIONS 2,4[illegible]5

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PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

[illegible] 14 (STATION) [illegible] (STATION NAME) JANUARY 1973-D CEMBER 1982 (YEARS) FLORIDA (STATE)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	•	[illegible]						•						[illegible]
NNE	•	[illegible]						•						[illegible]
NE	•	2.4	.2											[illegible]
ENE	•	1.4												[illegible]
E	•	[illegible]						•						[illegible]
ESE		[illegible]												[illegible]
SE	1.[illegible]	4.7												[illegible]
SSE	1.[illegible]	[illegible]						1.[illegible]						[illegible]
S		[illegible]						•						[illegible]
SSW	1.	3.5												[illegible]
SW	1.[illegible]	1.[illegible]												[illegible]
WSW	1.[illegible]	[illegible]												[illegible]
W		[illegible]												[illegible]
WNW		[illegible]												[illegible]
NW	[illegible]	5.6						2.[illegible]						[illegible]
NNW		[illegible]												[illegible]
VARIABLE														
CALM	[illegible]	[illegible]												[illegible]
TOTAL	[illegible]	[illegible]	1					[illegible]						21 5
% TOTAL	[illegible]	[illegible]	[illegible]					[illegible]						[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]25

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4

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

2 14 (STATION) | A [illegible] POINT, HI (STATION NAME) | JANUARY 1973-D CEMBER 1982 (YEARS) | MARCH (MONTH) | [illegible]

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													7.
NNE	1.	2.3												3.
NE	1.	3.1						.						5.
ENE	.	2.1												4.
E	1.	3.3	.3											8.
ESE	2.	7.8												1.
SE								1.						6.
SSE		1.												4.
S	.	3.2												4.
SSW		2.3												7.
SW		2.5												3.
WSW		1.4												2.
W		2.3												7.
WNW		1.												4.
NW	.													3.
NNW														2.
VARIABLE														
CALM		1.7												3.
TOTAL	13	1	1					1						2 4
% TOTAL	1.	5.	.					.						5.

TOTAL NUMBER OF OBSERVATIONS 2.4

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4

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

2 14 (STATION) | [illegible] POINT, HI (STATION NAME) | JANUARY 1973-DECEMBER 1982 (YEARS) | APRIL (MONTH)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N			[illegible]											[illegible]
NNE		[illegible]												[illegible]
NE	•	2.4	.6					.[illegible]						[illegible]
ENE		1.4	.1											[illegible]
E		[illegible]												[illegible]
ESE		[illegible]												[illegible]
SE														[illegible]
SSE		4.5												95.5
S	1.[illegible]	1.5												[illegible]
SSW														100.0
SW														100.0
WSW		21.4												[illegible]
W														[illegible]
WNW	[illegible]													[illegible]
NW		[illegible]												[illegible]
NNW		3.3						16.7						46.7
VARIABLE														
CALM	[illegible]	[illegible]												[illegible]
TOTAL		61	5					[illegible]						232[illegible]
% TOTAL	.[illegible]	2.[illegible]	.2					.1						[illegible].1

TOTAL NUMBER OF OBSERVATIONS 2,39[illegible]

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4

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH	NO. OF OBS.
[illegible] 4	[illegible] POINT, HI	JANUARY 1973-DECEMBER 1982	MAY	

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N		1.1												8.9
NNE	.7	4.3	.7					.7						[illegible]
NE	.	1.0						.						[illegible]
ENE	.	1.0						.						[illegible]
E		.1												[illegible]
ESE		.						1.2						[illegible]
SE		1.0												[illegible]
SSE		.5												[illegible]
S		.6							1.					[illegible]
SSW														[illegible]
SW		4.5						.5						[illegible]
WSW		.												[illegible]
W														[illegible]
WNW														[illegible]
NW	1.													[illegible]
NNW		.												[illegible]
VARIABLE														
CALM														[illegible]
TOTAL			1						1					2423
% TOTAL	.	1.	.					.	.					[illegible]

TOTAL NUMBER OF OBSERVATIONS 2,4

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PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

[illegible] IN | [illegible] POINT, H[illegible] | JANUARY 1973-DECEMBER 1982 | JUNE

STATION | STATION NAME | YEARS | MONTH

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N		3.3												[illegible]
NNE	•	[illegible]												[illegible]
NE		[illegible]												[illegible]
ENE		•						•						[illegible]
E	•	1.9												[illegible]
ESE		[illegible]												[illegible]
SE		2.7												[illegible]
SSE		2.4												[illegible]
S		[illegible]												[illegible]
SSW														[illegible]
SW														[illegible]
WSW	•	[illegible]												[illegible]
W		[illegible]												[illegible]
WNW														[illegible]
NW	•								[illegible]					[illegible]
NNW														[illegible]
VARIABLE														
CALM														[illegible]
TOTAL		[illegible]						1	1					[illegible]
% TOTAL	•	[illegible]						•	•					[illegible]

TOTAL NUMBER OF OBSERVATIONS 2,400

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

2 4 (STATION) [illegible] POINT, HI (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) JULY (MONTH)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	% WEATHER
N														100.0
NNE		1.6												98.4
NE		1.6												[illegible]
ENE		1.4												[illegible]
E		1.7												[illegible]
ESE		2.2												[illegible]
SE														[illegible]
SSE														[illegible]
S														[illegible]
SSW														[illegible]
SW														[illegible]
WSW														[illegible]
W														[illegible]
WNW														[illegible]
NW														[illegible]
NNW														[illegible]
VARIABLE														[illegible]
CALM														[illegible]
TOTAL		[illegible]												[illegible]
% TOTAL		1.6												[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

2 4 (STATION) A P POINT, HI (STATION NAME) JANUARY 1973-D CEMBER 1982 (YEAR) AUGUST

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/OR DUST	NO WEATHER
N		1.3												5.
NNE		.2									.			7.
NE		1.1												4.9
ENE		1.1												8.9
E		1.												9.
ESE		.												96.
SE														100.
SSE														100.
S														100.
SSW														100.
SW		.												94.1
WSW		.												9 .
W														1 0.
WNW		.												9 .
NW														100.
NNW														100.
VARIABLE														
CALM														
TOTAL											1			2443
% TOTAL		1.									.			88.

TOTAL NUMBER OF OBSERVATIONS 2,4

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

[illegible] STATION [illegible] STATION NAME JANUARY 1977-D CEMBER 1982 SE TEMBER [illegible] YEARS MONTH [illegible]

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	[illegible] AND	N [illegible] WEATHER
N														[illegible]
NNE		[illegible]						[illegible]						[illegible]
NE		[illegible]												[illegible]
ENE		[illegible]												[illegible]
E		[illegible]												[illegible]
ESE		[illegible]												[illegible]
SE		[illegible]												[illegible]
SSE								[illegible]						[illegible]
S								[illegible]						[illegible]
SSW		[illegible]									[illegible]			[illegible]
SW														[illegible]
WSW		[illegible]												[illegible]
W														[illegible]
WNW														[illegible]
NW														[illegible]
NNW		[illegible]												[illegible]
VARIABLE														[illegible]
CALM														[illegible]
TOTAL		[illegible]						[illegible]			[illegible]			[illegible]
% TOTAL		[illegible]						[illegible]			[illegible]			[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

14 (STATION) | 4 BIRDS POINT, MI (STATION NAME) | JANUARY 1973-DECEMBER 1982 (YEARS) | OCTOBER (MONTH)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N		2.7												7.
NNE	.2	1.6	.4						.4					6.
NE	.	1.7												7.
ENE	.	.						.1			.1			8.
E	1.	2.4						.2						5.
ESE	.2	4.4									.2			81.1
SE											1.6			98.4
SSE	1.	3.6												94.
S	1.	1.6												96.
SSW														100.
SW														100.
WSW		.1												96.
W		7.1												92.
WNW														100.
NW		14.3												85.7
NNW		12.						12.						87.
VARIABLE														
CALM														0.
TOTAL	1	41	1					3	1		3			2413
% TOTAL	.	1.7	.					.1	.		.1			97.7

TOTAL NUMBER OF OBSERVATIONS 2,469

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PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

2 4 | [illegible] POINT, HI | JANUARY 1973-DECEMBER 1982 | NOVEMBER

STATION | STATION NAME | YEAR | MONTH

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	% WEATHER
N	[illegible]	2.6						3.6						[illegible]
NNE		2.9	.9											[illegible]
NE		2.2												27.8
ENE	.	1.9	.1						.1					[illegible]
E	.	2.6												6.
ESE		5.7						1.4						[illegible]
SE	1.	1.5												6.
SSE	.4	2.9												[illegible]
S	.3	1.5												7.
SSW	2.	12.2						2.						[illegible]
SW	2.	7.4						3.						18.9
WSW	5.	11.												2.
W	.1	6.3												[illegible]
WNW		.7												1.
NW		2.												[illegible]
NNW	1.													5.
VARIABLE														
CALM	[illegible]													[illegible]
TOTAL	21	[illegible]	3					4	1					[illegible]
% TOTAL	.	3.1	.1					.	.					[illegible]

TOTAL NUMBER OF OBSERVATIONS 2,470

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4

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

7 14 (STATION) A BIRS POINT, H (STATION NAME) JANUARY 1973-D CEMBER 1982 (YEARS) D CEMBE (MONTH)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	1.	1.9												97.
NNE	.	4.2												5.1
NE	.	3.7	.4											5.8
ENE	.	2.9												96.9
E		2.4												97.6
ESE	.	4.2												91.
SE		1.6							1.					98.4
SSE		2.							1.2					97.
S	.	9.5												90.
SSW	1.	8.3												90.0
SW		14.												85.4
WSW		7.5												92.
W	.	5.7												91.2
WNW		1 .3												96.7
NW		.2												95.
NNW		1 .7												93.3
VARIABLE														
CALM		1 .												1.
TOTAL	1	1 5	2						2					235
% TOTAL	.	4.2	.1						.1					95.

TOTAL NUMBER OF OBSERVATIONS 2,475

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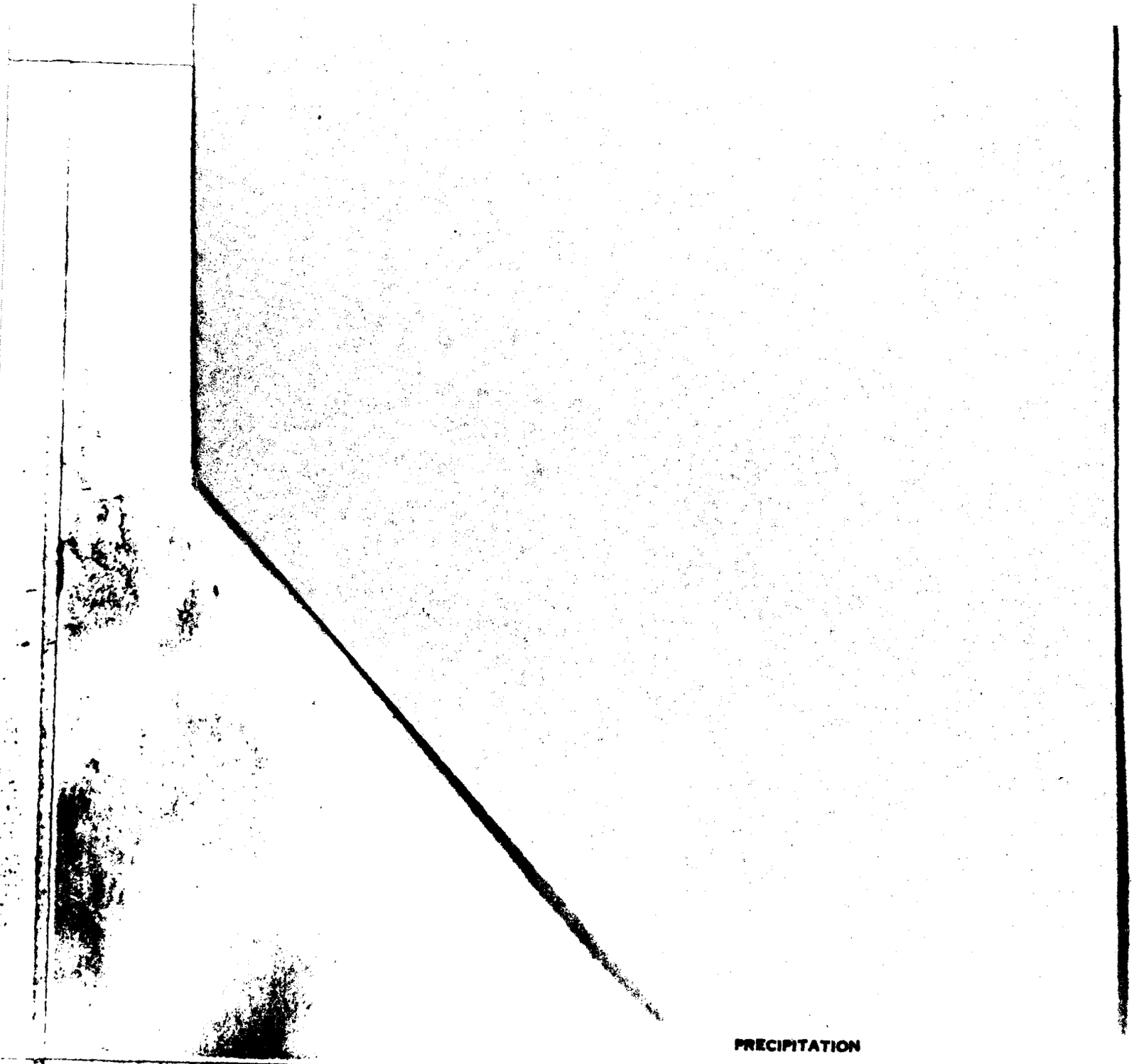
PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

[illegible] PARRIS POINT, MD JANUARY 1973-DECEMBER 1982 ALL [illegible]
STATION STATION NAME YEARS MONTH

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	%
N	.[illegible]	4.6	.3					.[illegible]	.3					[illegible]
NNE	.	[illegible].0	.2					.1	.[illegible]		.[illegible]			[illegible].
NE	.[illegible]	2.1	.1					.	.[illegible]					[illegible].
ENE	.[illegible]	1.6	.0					.	.[illegible]		.[illegible]			[illegible].
E	.[illegible]	2.3	.0					.[illegible]						[illegible].
ESE	.[illegible]	4.[illegible]						.[illegible]			.1			[illegible].
SE	.[illegible]	1.3						.1	.1		.1			[illegible].
SSE	.[illegible]	[illegible].3						.[illegible]	.1					[illegible].
S	.	[illegible].3						.[illegible]	.1					[illegible].
SSW	.	[illegible].1						.[illegible]	.2		.			[illegible].
SW	.[illegible]	4.9						.						[illegible].
WSW	1.	[illegible].1						.[illegible]						[illegible].
W	.[illegible]	7.1						.[illegible]						[illegible].
WNW	1.	[illegible].2												[illegible].
NW	3.[illegible]	[illegible].7						.[illegible]	.5					[illegible].
NNW	.	12.[illegible]						[illegible].[illegible]						[illegible].
VARIABLE														
CALM	[illegible]	[illegible]						[illegible]						[illegible]
TOTAL	14	747	14					33	9		4			[illegible]7
% TOTAL	.[illegible]	2.6	.[illegible]					.1	.0		.0			[illegible]6.

TOTAL NUMBER OF OBSERVATIONS [illegible]

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PRECIPITATION

NCD. Federal Building
sheville, N. C.

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

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

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

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

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

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

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

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

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF

(FROM DAILY OBSERVATIONS)

STATION | STATION NAME | YEARS

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

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DAILY AMOUNTS

PERCENTAGE FREQUENCY OF

(FROM DAILY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____

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

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DAILY AMOUNTS

PERCENTAGE FREQUENCY OF

(FROM DAILY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____

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

NAVWEASERVCOM

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

[illegible]
(FROM DAILY OBSERVATIONS)

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

[illegible] AMOUNTS IN INCHES

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]	.27 .20	.2 [illegible]	[illegible] [illegible]	 [illegible]	[illegible] [illegible]	[illegible]	[illegible] [illegible]	
[illegible]	[illegible] .44	[illegible] [illegible]	[illegible] .2	.73 [illegible]	[illegible] .4	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	1.37 [illegible]	[illegible] [illegible]	.17 .36	[illegible] [illegible]	[illegible] [illegible]
[illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	 .12	[illegible] .11	[illegible] [illegible]	[illegible] .11	[illegible] [illegible]	[illegible] [illegible]	 [illegible]
[illegible]	[illegible] [illegible]	[illegible] [illegible]	 [illegible]	[illegible] .24	[illegible] .47	[illegible] [illegible]	.01 1.21	[illegible] [illegible]	[illegible] .1	.72 [illegible]	1.16 2.17	[illegible] [illegible]	 [illegible]
[illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] .10	.05 .1	[illegible] [illegible]	[illegible] [illegible]	[illegible] 2.11	[illegible] [illegible]	[illegible] 1.14	[illegible] [illegible]
	[illegible] [illegible]	[illegible] [illegible]	 [illegible]	[illegible] [illegible]	[illegible] 1.55	[illegible] [illegible]	[illegible] .21	[illegible] [illegible]	[illegible] .34	[illegible] [illegible]	[illegible] .14	[illegible] [illegible]	 [illegible]
	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] .34	.31 .20	.17 [illegible]	[illegible] [illegible]	.11 .14	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]
[illegible]	[illegible] [illegible]	 [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	.96 [illegible]	.16 [illegible]	[illegible] [illegible]	[illegible] [illegible]	.11 [illegible]	[illegible] [illegible]	[illegible] [illegible]	 [illegible]
[illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] .24	[illegible] [illegible]	[illegible] [illegible]	.33 .05	.11 .07	[illegible] [illegible]	[illegible] .37	[illegible] 2.14	[illegible] .67	[illegible] [illegible]
[illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	.22 [illegible]	[illegible] [illegible]	[illegible] [illegible]	.31 .15	1.27 [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] 1.49	[illegible] [illegible]	[illegible] [illegible]
[illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] .1	[illegible] [illegible]	[illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] 1.21	[illegible] 1.13	[illegible] [illegible]	3.77
[illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	1.37 [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	.60 1.87	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]
[illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] 1.25	.20 .17	.11 [illegible]	[illegible] [illegible]	 [illegible]	[illegible] [illegible]	[illegible] [illegible]	 [illegible]
[illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	.37 [illegible]	[illegible] .07	.14 [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	.74 [illegible]	[illegible] [illegible]
7 7	[illegible] [illegible]	[illegible] .11	[illegible] [illegible]	.5 [illegible]	[illegible] [illegible]	[illegible] .42	[illegible] .05	[illegible] [illegible]	.04 [illegible]	.16 7.81	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]
MEAN													
S D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

(FROM DAILY OBSERVATIONS)

STATION | STATION NAME | YEARS

AMOUNTS IN INCHES

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
	1.27	1.17	1.21	.14	.27	.24	.24	.4	.32	.6	.9	.4	1.27
	1.48	1.14	1.32	.1	.32	.44		.34	.17	.15	.10	1.23	
	.2	.41	.7	.4	.1	.1	.3	.7	.4	.27	.27	1.4	1.
	.2	.24	1.20	.55	.2	.12	.1	.1	.71	2.17	.5	2.4	2.17
MEAN	1.	1.1	1.1	.74	.5	.23	.17	.22	.27	1.03	1.25	1.34	3.74
S.D.	1.43	1.12	1.16	1.	.677	.333	.223	.348	.319	1.252	1.466	1.087	2.150
TOTAL OBS.	1054	993	993	1029	1054	1029	661	1054	993	1023	993	1054	12154

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____

MAXIMUM AMOUNTS IN INCHES
DURATION LESS THAN FULL MONTH

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ALL MONTHS
									.1				
											.1		
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			.										
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		.											
							.						
							1						
										.7			
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

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
6													
7													
7													
MEAN													
S.D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SN FALL
(FROM DAILY OBSERVATIONS)

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

[illegible] AMOUNTS IN INCHES

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

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

[illegible] FALL
(FROM DAILY OBSERVATIONS)

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

[illegible] AMOUNTS IN INCHES
/AS REPORTED OR LESS THAN FULL MONTHS/

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

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

(FROM DAILY OBSERVATIONS)

STATION | STATION NAME | YEARS

AMOUNTS IN INCHES
/RAINFALL IN 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

(FROM DAILY OBSERVATIONS)

STATION | STATION NAME | YEARS

[illegible] SND. DEPTH IN INCHES

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

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

[illegible] DEPTH
(FROM DAILY OBSERVATIONS)

[illegible] STATION | [illegible] STATION NAME | -55, 57, [illegible] YEARS

[illegible] DEPTH IN INCHES

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

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

(FROM DAILY OBSERVATIONS

STATION | STATION NAME | YEARS

(ALL MONTHS LEFT IN INCH
(A FEW ITEMS THAT FILL 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

FROM DAILY OBSERVATIONS

STATION | STATION NAME | YEARS

SNOW DEPTH IN INCHES
WHEN LESS THAN FULL MONTH

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

DAILY EXTREME AMOUNTS

STATION | STATION NAME | YEARS

MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
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Monthly						

MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
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Monthly						

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

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

STATION | STATION NAME | YEARS

MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
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Monthly						

MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
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Monthly						

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

DIRNAVOCEANMET–SMOS

4

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

STATION | STATION NAME | YEARS

MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
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30						
31						
Monthly						

J
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.00	5				
2		T				
3		5				
4		3				
5		11				
6	T	T				
7		4				
8		1	1974			
9		1				
10			1972			
11		24				
12		7				
13		5				
14		1				
15		25	1971			
16		6	1971			
17		T				
18						
19		3				
20		1				
21		11				
22		2				
23			1974			
24		1				
25		2				
26		4				
27		2				
28		19				
29			1974			
30		13	1967			
31						
Monthly		35	1971			

* 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

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

[illegible] MONTH

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

[illegible] MONTH

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

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

DIRNAVOCEANMET–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
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MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
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Monthly						

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

DIRNAVOCEANMET–SMOS

4

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

STATION | STATION NAME | YEARS

MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
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Monthly						

MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
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Monthly						

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

WINDS (SFC)

D, Federal Building
eville, N. C.

RT C SURFACE WINDS

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

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.

C

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

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

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

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

   (1) Annual - all hours combined

   (2) By month - all hours combined

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

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

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

S[illegible]ACE W[illegible]
(FROM DAILY OBSERVATIONS)

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

[illegible] GUSTS IN KN[illegible]

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
				E 23	NE 27	NE 28	E 32	NE 33	E 34	NE 32	NE [illegible]	NE [illegible]	
[illegible]	4?	[illegible]	E 37	E 34	ENE 3?	ENE 32	NE 32	[illegible] 36	ENE 34	ENE 3?	NE 27	E [illegible]	[illegible]
[illegible]	4?		E [illegible]	3?	3?	NE ?2	ENE 37	NE 34	3?	35	?7	[illegible]	
[illegible]	?	E 36	E E 49	E 3?	ENE 34	NE 39	ENE 3?	ENE 3?	34	E 29	ENE 41	E 3?	[illegible]
	3	E 36	E E 3?	34	NE 36	ENE 35	E E 32	E 29	E 34	NE 34	ENE 39	NE ?	ENE ?
[illegible]	4?	NNE ?	NNE 44	S 3?	NE 3?	NE 3?	NE 36	NE 35	ENE 35	ENE 3?	SSE 41	ENE ??	NNE ?
[illegible]	4?	SS? ??	NE 3?	[illegible]	NE 37	NE ?2	ENE 32	N 34	[illegible] 2?	NE 30	SS 42	W 4?	S ?
[illegible]	4?	W 3?	NE 27	NE ?	ENE 2?	NE 34	NE 27	NE ?	NE 24	NE 25	SW 29	W 4?	S ?
[illegible]	4?	W W 41	E 33	NE 2?	ENE 26	SE 28	NE 3?	ENE 34	ENE 26	25	NE 35	E ?4	[illegible] 4
[illegible]	3?	W 34	SS 33	E 23	E 31	ENE 30	E E 29	E 36	3?	NE 30	ENE ??	NW ?	[illegible]
[illegible]	?	W 34	E 3?	NE 22	NE 3?	ENE 27	ENE 26	SE 45	NE 28	NNE 22	NE ?2	ENE 3?	[illegible] 2?
[illegible]	E 27	?7	NNE 3?	E E 2?	E 26	E 2?	NE 26	NE 24	NE 2?	NE 24	NE 26	N ??	?7
[illegible]	3?	NE 27	E E 27	NE 33	ENE 3?	NE 28	NE 25	ENE 26	ENE 26	NE 27	??	?	ENE ?
	?	?2	E 2?	2?	24	NE 22	NE 26	NE 24	NE 26	ENE 22	ENE 2?	?	SS ?3
[illegible]	?	W ?6	E E 33	SSW ?	NE 2?	ENE 26	N 25	ENE 26	S 47	E 24	?7	N 2?	[illegible]
4	2?	NE ?9	ENE 27	NE ?	NNE 23	ENE 28	ENE 27	ENE 28	NE 27	NNE 2?	ENE ??	NW ??	[illegible]
[illegible]	?7	?6	N 27	NNE 27	27	ENE 28	NE 24		E 2?	22	S 4?		
D		??	2?	?3		24	N 27	E E 25	23		?3	2?	
[illegible]	2?	ENE ?9	S 2?	NNE 2?	ENE 2?	E 22	ENE 23	S 25	ENE 27	E 31	E 34	?	?
[illegible]	?4	W ?	NNE 27	N 26	NE 22	ENE 26	E 27	NE 28	NE 2?	S 2?	E ??	W ??	N ?4
[illegible]	?	NE 3?	NE 27	E 2?	NE 2?	E 24	ENE 26	NE 27	NE 2?	E 22	E 27	[illegible] 4?	[illegible]
	?	?	E 2?	E 29	NE 2?	?	25	?6	NE 24	S 26	NE 2?	E ?	
[illegible]	4?	27 2?	? 27	?7 26	?? 24	?9 27	?7 26	?? 27	?? 24	?? 25	?6 27	?? ?7	?
[illegible]	33	22 31	24 2?	?7 27	? 29	06 26	?6 27	?6 27	?8 2?	6 30	0? 27	24 ?	1? ?3
	2?	02 2?	07 3?	0? 2?	10 2?	?8 28	?7 30	09 ?9	12 2?		1? 26	21 3?	
[illegible]	??	0? 2?	20 34	1? 30	12 2?	06 24	0? 24	?7 27	1? 22	5 26	?? ??	0? ?	?? ?4
	3?	17 3?	?? 2?	?7 2?	14 24	? 26	0? 27	?6 27	06 26	?? 26	2? 41	3? 2?	?? 4?
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7	2?	0? 30	0? 37	02 ??	1? 3?	7 25	?6 34	?6 30	0? ?2	4 35	?7 ?2	14 3?	?6 ??
7	[illegible]	?3 ?1	3? 3?	?7 ?1	05 33	?? 31	07 32	0? 30	06 28	03 31	?4 3?	?3 33	3? ?
MEAN													
S.D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

(FROM DAILY OBSERVATIONS)

STATION | STATION NAME | YEARS

[illegible] FOR [illegible] IN KNOTS

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MEAN	[illegible]	[illegible]	[illegible]	30.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
S.D.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL OBS.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

(FROM DAILY OBSERVATIONS)

STATION | STATION NAME | YEARS

PEAK GUST IN KNOTS
(OR IF ONLY LESS THAN ONE OBSERVATION PER MONTH)

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, 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													
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CALM													

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

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TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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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

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TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S T)

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S T

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

2

CLASS | HOURS (L S T)

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S T)

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S T)

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S T)

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S T)

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS - L S T _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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

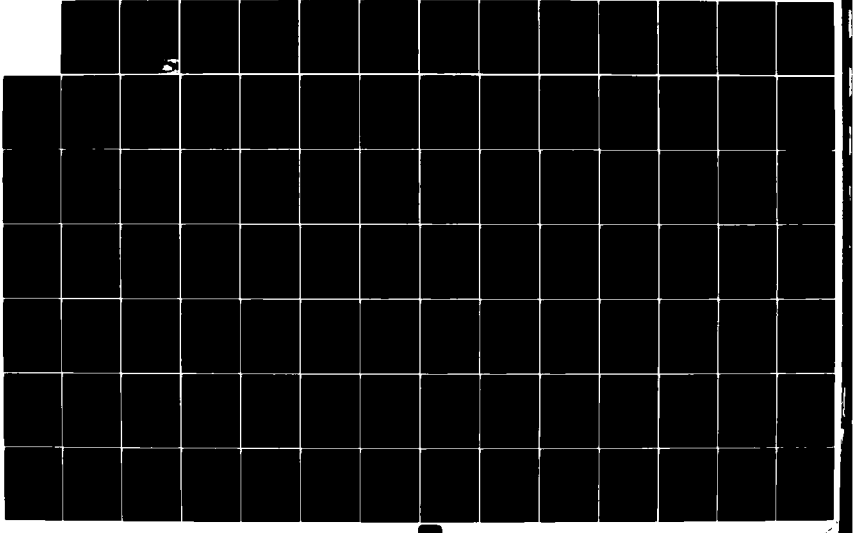
CONDITION _____

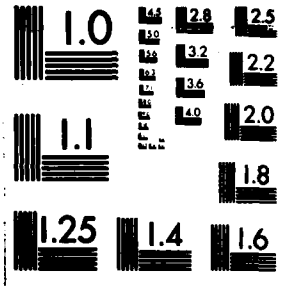
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW				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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

AD-A150 457 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) 2/4
BARBERS POINT HAWAII(U) NAVAL OCEANOGRAPHY COMMAND
UNCLASSIFIED DETACHMENT ASHEVILLE NC SEP 84 F/G 4/2 NL





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

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible] PT. MI	[illegible]	APR

CLASS: ALL WEATHER

CONDITION:

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	•	•	1.7									[illegible]	[illegible]
NNE		[illegible]	[illegible]	5.0	.7	.3						[illegible]	11.5
NE		[illegible]	[illegible]	4.3	.3							[illegible]	[illegible]
ENE	•	14.	14.	9.7	.3							[illegible]	[illegible]
E		.7	10.3	2.								[illegible]	[illegible]
ESE	•											[illegible]	2.
SE	•	.7										.7	4.5
SSE													
S	•	1.		.3								1.7	[illegible].6
SSW	•	•	.7									1.	[illegible]
SW		•	.7									[illegible]	[illegible]
WSW		•										.3	[illegible]
W	•	1.										1.	4.5
WNW		•	.3									.7	[illegible]
NW		•	.7									.7	[illegible]
NNW		•										1.0	4.3
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	20.0	1.3	.3						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]0

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

2 14 (STATION) | BA [illegible] POINT, HI (STATION NAME) | [illegible] (YEARS) | AP[illegible] (MONTH)

ALL WEATHE[illegible] (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	•	•		•								1.3	7.8
NNE	•	7.7	4.7	3.7	1.0							12.3	[illegible].3
NE	•	•	11.7	4.7								2[illegible].7	7.2
ENE	7.	1[illegible].7	13.7	2.								35.[illegible]	6.[illegible]
E	•	7.3	8.7	1.								[illegible]7.7	7.1
ESE													
SE	•	•		•								1.	[illegible].[illegible]
SSE													
S		•	•									1.	[illegible].[illegible]
SSW	•		•									1.7	4.
SW													
WSW													
W			•									•	7.[illegible]
WNW													
NW													
NNW													
VARBL													
CALM												•	
	•	39.7	39.[illegible]	12.3	1.[illegible]							1[illegible].[illegible]	7.1

TOTAL NUMBER OF OBSERVATIONS [illegible]0

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

2 14 — STATION
[illegible] — STATION NAME
[illegible] — YEARS
APR — MONTH
ALL WEATHER — CLASS
ALL — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							1.2	[illegible]
NNE	[illegible]	1.[illegible]	2.[illegible]	2.8	.7	[illegible]						[illegible]	1[illegible].1
NE	[illegible]	[illegible].6	7.[illegible]	5.[illegible]	[illegible]	.1						[illegible]2.4	[illegible]
ENE	1.[illegible]	11.	11.[illegible]	[illegible].8	.9	.1						[illegible]4.[illegible]	.8
E	[illegible]	[illegible].0	7.3	[illegible].[illegible]	.3							[illegible].7	[illegible].1
ESE	[illegible]	[illegible]	1.[illegible]	[illegible]	.0							2.6	[illegible]
SE	[illegible]	[illegible]	[illegible]	1.4	[illegible]							2.[illegible]	1[illegible].6
SSE	[illegible]	[illegible]	[illegible]	[illegible]	.1							1.[illegible]	10.6
S	.1	[illegible]	1.2	[illegible]								2.[illegible]	[illegible]
SSW	[illegible]	.1	[illegible]	.3								1.[illegible]	[illegible].7
SW		[illegible]	[illegible]	.1								1.	.2
WSW	[illegible]	.1	[illegible]	[illegible]	[illegible]							[illegible]	[illegible].7
W	[illegible]	[illegible]	[illegible]	[illegible]								1.[illegible]	[illegible].7
WNW	[illegible]	[illegible]	[illegible]	[illegible]	.1							1.1	11.[illegible]
NW		[illegible]	[illegible]	[illegible]								[illegible]	[illegible].9
NNW		[illegible]	.1									[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	.1	[illegible].9	36.[illegible]	2.[illegible]	[illegible].8	[illegible]						1 0.0	[illegible].9

TOTAL NUMBER OF OBSERVATIONS [illegible]5

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

.2 14 (STATION) BARBERS POINT, HI (STATION NAME) 73-82 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

02 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE	.0	1.	5.2	.3	.3							.4	7.8
NE	.7	1.5	.0	1.0								3.2	5.5
ENE	.2	2.1	1.	.6								4.2	5.6
E	1.	3.7	2.3									1.	5.3
ESE													
SE													
SSE			.		.7							.	14.5
S					.							.3	1.
SSW													
SW													
WSW													
W	.											.	1.
WNW	.											.	1.
NW													
NNW													
VARBL													
CALM												1.	
	1.2	3.9	26.8	1.9	1.0							0.0	5.7

TOTAL NUMBER OF OBSERVATIONS 1

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

2 14 — STATION
BARBERS POINT, HI — STATION NAME
73-82 — YEARS
MAY — MONTH
ALL WEATHER — CLASS
05 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		•										•	4.0
NNE	•	2.6	2.9	.3	.3							6.0	7.3
NE	3.4	19.7	8.1	.3								31.6	5.5
ENE	5.5	21.1	11.	.6								34.2	5.6
E	2.6	7.7	3.6	.3								14.2	5.6
ESE		•										.3	5.0
SE													
SSE					•							.7	20.0
S				•	.3							•	15.0
SSW			•									•	10.0
SW			•									.3	9.0
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												1.0	
	11.3	51.7	26.1	1.3	1.0							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] 14	BARBERS POINT, HI	[illegible]-67	MAY
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE	•	[illegible]	4.5	•		•						[illegible]	[illegible]
NE	[illegible]	[illegible]	15.5	3.6	•							[illegible]	[illegible]
ENE	[illegible]	12.3	[illegible]	7.4								[illegible]	7.8
E	[illegible]	2.6	7.1	2.9								[illegible]	7.6
ESE		•	•	•								[illegible]	7.8
SE	•											•	[illegible]
SSE													
S			•	•	•							[illegible]	[illegible]
SSW													
SW				•								•	[illegible]
WSW													
W													
WNW													
NW													
NNW	•											•	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	•	•						[illegible]	7.6

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

12 14 — PA BERS POINT, HI — 73-82 — MAY

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — CLASS

11 — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE			•	1.6	.3	.3						2.	1?.6
NE		.?	1.?	2.9	.6							5.?	11.9
ENE		.3	11.?	11.3	.6							24.?	11.2
E		1.?	11.0	?.0								?1.3	1?.3
ESE	.?	1.?	5.2	3.5								10.?	?.?
SE		.?	4.5	?.4								1?.2	11.2
SSE		.	?.?	2.3								5.1	?.6
S		.	?.2	1.9								7.?	9.?
SSW		.?	1.?	.6								3.?	.?
SW			1.?									1.?	.?
WSW		.	1.?									1.?	?.3
W													
WNW			•									.?	?.
NW													
NNW													
VARBL													
CALM												•	
	.3	.1	4?.7	41.6	1.6	.?						1 0.?	1?.?

TOTAL NUMBER OF OBSERVATIONS 1?

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	BARBERS POINT, HI	73-82	MAY

CLASS: ALL WEATHER

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE		•	•	•	1.[illegible]							2.[illegible]	13.5
NE	•		1.[illegible]	[illegible].1	1.	•						[illegible].[illegible]	13.[illegible]
ENE	•	1.	[illegible].5	15.8	.6	•						24.5	11.[illegible]
E	•	1.[illegible]	[illegible].1	3.7	1.[illegible]							17.[illegible]	11.[illegible]
ESE		•	3.[illegible]	3.[illegible]								[illegible].7	11.1
SE	•	•	2.[illegible]	[illegible].7	•							12.[illegible]	11.[illegible]
SSE		•	1.	2.3	•							[illegible].[illegible]	10.3
S		•	[illegible].[illegible]	1.[illegible]	•							[illegible].[illegible]	[illegible].[illegible]
SSW		•	2.[illegible]	.6								3.5	[illegible].2
SW			1.	.6								1.[illegible]	10.2
WSW		•	1.	1.[illegible]								3.[illegible]	[illegible].6
W		•	1.									1.[illegible]	[illegible].3
WNW				•	•							1.[illegible]	13.[illegible]
NW			•		•							1.[illegible]	12.[illegible]
NNW													
VARBL													
CALM												•	
	1.3	•	33.[illegible]	[illegible].2	[illegible].2	•						1[illegible].[illegible]	11.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible] PT, MI	[illegible]	MAY

CLASS: ALL WEATHER

CONDITION:

HOURS (L.S.T.): 17

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		•		•								•	
NNE		•	1•		•3							1•2	9.7
NE			2•	7•1	•3							10•	12.2
ENE	•	1•4	13•5	21•3	•3							37.7	11.2
E	•	2•3	7•1	1•6	•3							11•	10.6
ESE	•	•2	1•4	1•3								3.5	7.8
SE		1•	1•3	3.2								5•	10.2
SSE		1•	1•	1•2								2•9	9.4
S		1•	2•									4.5	7.2
SSW		•	1•									1•3	7.6
SW		•	1•	•3								1•	7.8
WSW		•	1•	•3								2•	7.4
W		•	1•3	•6								2.6	••
WNW			•	1•								1•	11.6
NW		•	•2									•	6.2
NNW			•									•	10.3
VARBL													
CALM												•	
	1•0	11•	32•4	47•1	1•3							10•2	1•.4

TOTAL NUMBER OF OBSERVATIONS: [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible]	73-82	MAY

CLASS: ALL WEATHER

HOURS (L.S.T.): 03

CONDITION:

SPEED (KNTS) DIR.	1 - 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	.7
NNE		.2	2.7	.7								4.	7.2
NE	1.	7.5	7.7	1.7	.7							17.1	7.7
ENE	3.	22.3	12.7	2.6								41.1	6.6
E	•	7.7	1.7	.6								12.4	5.2
ESE	•	.6	•	.7								1.3	5.
SE		•										.1	4.5
SSE		•										•	4.
S	.7	.7	1.6		.7							3.	5.2
SSW		•	•									1.	.7
SW			•	.7								.1	1 .3
WSW													
W		•	•									1.3	.3
WNW			•	.7								•	•
NW			•	.3								•	1 .6
NNW	•											•	1.
VARBL													
CALM												•	
	.7	41.1	47.2	6.1	.6							100.1	6.1

TOTAL NUMBER OF OBSERVATIONS: 15

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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

CLASS: ALL [illegible]

CONDITION:

HOURS (L S T): 2[illegible]

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	•	•										•	[illegible]
NNE	•	[illegible]	[illegible]	1.3								[illegible]	[illegible]
NE	[illegible]	13.2	[illegible]	1.[illegible]								23.	6.1
ENE	[illegible].7	22.2	15.[illegible]	.6								[illegible]	5.[illegible]
E	1.[illegible]	[illegible].1	[illegible]	.6								14.[illegible]	[illegible]
ESE	•	•										1.	[illegible].3
SE													
SSE													
S			•	.6	.3							1.	12.3
SSW													
SW			•									•	•
WSW													
W													
WNW													
NW													
NNW		•										•	5.
VARBL													
CALM												•	
	11.[illegible]	51.[illegible]	32.[illegible]	4.[illegible]	.[illegible]							1 [illegible].	[illegible].

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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

CLASS: ALL WEATHER

HOURS (L S T): ALL

CONDITION:

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

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS ALL DATA

CONDITION _____

HOURS (LST) _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE	•	1•	[illegible]									5•	[illegible]
NE	•	23•	7•									13•	•6
ENE	•	[illegible]	[illegible]	•7								41•	5•1
E	•	[illegible]	[illegible]	•								1•	[illegible]
ESE		•										•3	•
SE													
SSE													
S			•	•3								•	11•
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												•	
	[illegible]	[illegible]	21•	1•3								100•	[illegible]

TOTAL NUMBER OF OBSERVATIONS 0

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible] POINT, HI	[illegible]	JUL

CLASS: ALL WEATHER

CONDITION:

HOURS (L.S.T.):

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		•	•									•	[illegible]
NNE	•	[illegible]	[illegible]	•								•	[illegible]
NE	[illegible]	24.[illegible]	1[illegible]	•								[illegible]	[illegible]
ENE	[illegible]	21.[illegible]	[illegible]	•								3.[illegible]	[illegible]
E	•	[illegible]	2.[illegible]									1[illegible]	[illegible]
ESE	•											•	[illegible]
SE													
SSE													
S			•									•	1.[illegible]
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												•	
	11.	67.[illegible]	2[illegible]	1.[illegible]								1 0.	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]0

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible] 14	PA ELPS POINT, MI	[illegible]-72	JUN

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		[illegible]	[illegible]									1.[illegible]	.7
NNE	[illegible]	[illegible]	[illegible]	1.[illegible]								10.[illegible]	7.6
NE	[illegible]	[illegible]	1[illegible]	4.[illegible]								30.[illegible]	7.9
ENE	1.[illegible]	13.[illegible]	1[illegible]	4.[illegible]	.[illegible]							[illegible].[illegible]	7.6
E		4.[illegible]	1 .[illegible]	[illegible].[illegible]								18.[illegible]	.[illegible]
ESE	.[illegible]		.[illegible]									.[illegible]	[illegible].[illegible]
SE													
SSE													
S				.[illegible]								.[illegible]	14.[illegible]
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW	.[illegible]											.[illegible]	2.[illegible]
VARBL													
CALM												.[illegible]	
	[illegible].[illegible]	[illegible].[illegible]	53.[illegible]	13.7	.[illegible]							1[illegible].[illegible]	[illegible].8

TOTAL NUMBER OF OBSERVATIONS [illegible]0

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

.P 14	BARBERS POINT, HI	73-82	JAN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER — CLASS

11 — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N			•									•	8.0
NNE		•	•	1.[illegible]								1.[illegible]	10.[illegible]
NE		•	[illegible].3	5.[illegible]								10.[illegible]	11.0
ENE		•	9.[illegible]	13.3								2[illegible].3	11.2
E	•	3.	[illegible].	14.3								25.[illegible]	10.7
ESE		•	[illegible].	2.[illegible]								11.3	[illegible].5
SE		•	[illegible].	5.[illegible]	•							11.[illegible]	10.6
SSE		•	5.	2.7								[illegible].	9.9
S			•	.7								[illegible].	[illegible].3
SSW		•	1.[illegible]									1.[illegible]	[illegible].0
SW													
WSW			•									•	[illegible].5
W		•										•	4.0
WNW													
NW													
NNW													
VARBL													
CALM												•	
	.[illegible]	5.	48.[illegible]	45.7	.3							1[illegible].[illegible]	10.4

TOTAL NUMBER OF OBSERVATIONS [illegible]00

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

2 14	BARBERS POINT, HI	72-82	JAN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

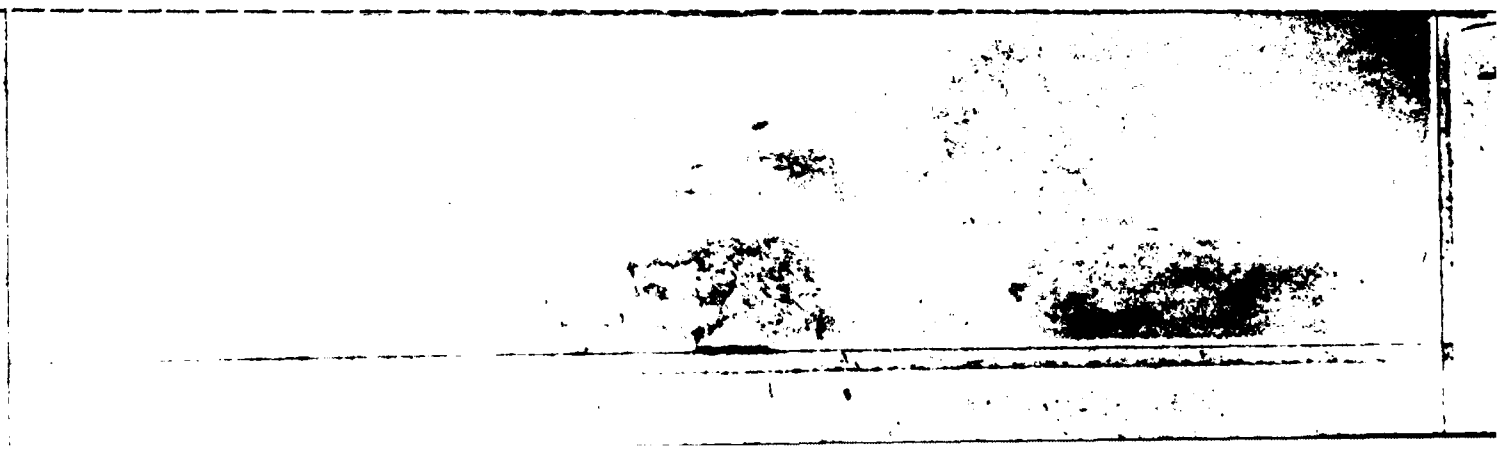
14
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 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			•	• 3	• 3							1.	12.5
NE			2.3	7.7	• 3							11.	11.
ENE		1.	7	2 .7	1.3							1.	11.
E		•	1 .7	1 .3	1.							2.	11.3
ESE			•	2.7	• 3							6.	10.7
SE			1.	8.	• 3							10.	12.5
SSE			•	•								3.	17.2
S			• 3	2.3								4.	13.3
SSW		•	•	• 3								1.	8.2
SW		•	2.	•								3.	.9
WSW	•	•	1.									2.	.3
W			•									1.	
WNW			•									1.	.3
NW		•										•	4.
NNW													
VARBL													
CALM												•	
	•	4.3	34.	55.7	3.7							100.	11.4

TOTAL NUMBER OF OBSERVATIONS 0

SMOS



NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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

CLASS: ALL WEATHER

HOURS (L.S.T.): 17

CONDITION:

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

TOTAL NUMBER OF OBSERVATIONS: [illegible]0

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
2 14	BARBERS POINT, HI	73-82	JUN

CLASS: ALL WEATHER

CONDITION:

HOURS (L.S.T.):

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	•	•	•									1.0	5.3
NNE		1.	3.									4.	7.9
NE	•	3.	7.	1.								11.3	7.7
ENE	1.	29.3	22.3	2.								55.	6.8
E	•	9.	11.	.7								21.	7.2
ESE	•	•										1.0	3.3
SE													
SSE			•									.7	9.
S	•	•										•	4.
SSW	•	•	•									1.	4.7
SW													
WSW		•										.3	1.0
W		•		.3								.7	7.5
WNW													
NW		•										.3	1.0
NNW													
VARBL													
CALM												•	
	.0	47.3	46.0	4.7								100.	6.9

TOTAL NUMBER OF OBSERVATIONS: 0

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	BARBERS POINT, HI	[illegible]	JAN

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	•											•	2.3
NNE		•	•	1.0								10.3	7.8
NE	1.7	12.7	7.7	1.7								23.7	6.3
ENE	1.3	7.0	11.7									7.0	5.7
E	1.0	12.7	5.7	.7								20.7	6.2
ESE		•	•	.3								1.3	7.8
SE													
SSE													
S			•									•	9.0
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												•	
	.7	57.3	34.	7.0								100.1	6.1

TOTAL NUMBER OF OBSERVATIONS [illegible]0

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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

CLASS: ALL [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]
NNE	[illegible]	1.[illegible]	2.[illegible]	[illegible]	[illegible]							[illegible]	7.7
NE	1.1	[illegible]	7.[illegible]	3.[illegible]	.1							12.[illegible]	[illegible]
ENE	[illegible]	17.[illegible]	12.[illegible]	[illegible].4	[illegible]							40.2	7.7
E	[illegible]	5.[illegible]	9.	[illegible].1	.1							15.4	.7
ESE	[illegible]	[illegible]	1.[illegible]	[illegible]	[illegible]							3.	.1
SE		[illegible]	1.	1.[illegible]	.1							2.[illegible]	11.4
SSE		[illegible]	[illegible]	[illegible]								1.2	10.5
S	[illegible]	[illegible]	1.2	[illegible]								1.[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	.1								[illegible]	[illegible]
SW		[illegible]	[illegible]	.1								[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]									[illegible]	7.1
W	[illegible]	.1	[illegible]	[illegible]								.4	[illegible]
WNW			[illegible]									[illegible]	[illegible]
NW		[illegible]	[illegible]									[illegible]	[illegible]
NNW	[illegible]			[illegible]								[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible].3	25.4	37.[illegible]	22.0	.6							1[illegible].[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]8

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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

CLASS: ALL WEATHER

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE		[illegible]	[illegible]									[illegible]	.7
NE	[illegible]	14.5	[illegible]	.6								[illegible]	5.5
ENE	.5	[illegible]	11.0	1.4								[illegible]	6.6
E	.4	[illegible]	6.5	1.0								14.[illegible]	5.7
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												[illegible]	
	1.[illegible]	56.	[illegible]	3.2								100.0	5.3

TOTAL NUMBER OF OBSERVATIONS [illegible]

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S T)

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible]	[illegible]	J L

CLASS: ALL WEATHER

HOURS (L.S.T.):

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		•										•	[illegible]
NNE	•	1.[illegible]	[illegible]	1.[illegible]								[illegible]1.	.1
NE		[illegible]	1[illegible].	[illegible].[illegible]								[illegible]3.[illegible]	[illegible].2
ENE	[illegible].[illegible]	•	15.	[illegible].4								36.	[illegible].[illegible]
E	[illegible]	[illegible].[illegible]	17.	4.[illegible]								[illegible]2.	[illegible].0
ESE		•	•	.5								1.3	.6
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												•	
	[illegible].	1.[illegible]	[illegible].[illegible]	1[illegible].[illegible]								1[illegible].[illegible]	[illegible].3

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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

CLASS: ALL PATHS

HOURS (L S T): 11

CONDITION:

SPEED (KNTS) DIR.	1 - 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			.	.[illegible]								[illegible]	11.3
NE			[illegible]	[illegible].1	.[illegible]							[illegible]	12.2
ENE		.	1.[illegible]	1.[illegible]	1.[illegible]							3.[illegible]	11.6
E		1.	1.[illegible]	1.[illegible]	1.							2.	11.
ESE		1.	[illegible].[illegible]	2.[illegible]								[illegible].	[illegible]
SE		.[illegible]	[illegible].	[illegible].[illegible]								[illegible].[illegible]	1[illegible].[illegible]
SSE			[illegible].[illegible]	2.3								.[illegible]	10.2
S			1.									1.	[illegible].[illegible]
SSW			.									.[illegible]	[illegible].
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												.	
		[illegible].	[illegible].[illegible]	[illegible].6	[illegible].4							[illegible].[illegible]	11.

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S T)

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L.S.T.)

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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

CLASS: ALL WEATHER

HOURS (L S T): [illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		•										•	4.
NNE		•	3.	.3								3.	.1
NE	•	4.5	[illegible]	.6								1.3	[illegible]
ENE	•	17.7	11.	4.7								34.5	7.7
E	.7	[illegible]	13.7	2.6	.7							23.	7.
ESE	•											1.	1.7
SE			•									.7	[illegible]
SSE	•											•	2.
S	•											•	2.
SSW													
SW													
WSW		•										.7	•
W													
WNW			•									•	7.
NW		•										.7	[illegible]
NNW													
VARBL													
CALM												•	
	•	31.	57.1	7.7	.3							100.	7.4

TOTAL NUMBER OF OBSERVATIONS: _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH: JUL

CLASS: ALL WEATHER

HOURS (L S T): 2

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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

CLASS: ALL WEATHER

CONDITION:

HOURS (L S T): ALL

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.	.										.	4.
NNE	.	1.	[illegible]	.								[illegible]	7.7
NE	1.1	[illegible]	[illegible]	[illegible]	.5	.						2.1	.1
ENE	.	14.	1[illegible]	11.[illegible]	.4	.						3.4	[illegible]
E	.	[illegible]	[illegible]	.7	.[illegible]							[illegible]	.1
ESE	.	.[illegible]	1.1	.[illegible]								[illegible]	.6
SE		.[illegible]	.	1.[illegible]	.[illegible]							1.[illegible]	11.2
SSE	.	.[illegible]	.[illegible]	.[illegible]	.[illegible]							1.1	10.1
S	.	.	.[illegible]	.1								.5	.[illegible]
SSW		.	.									.2	[illegible].7
SW			.	.								.	[illegible].2
WSW		.	.1									.2	[illegible].5
W		.	.1									.1	[illegible]
WNW			.	.								.2	[illegible]
NW		.										.	[illegible]
NNW		.	.1									.1	[illegible]
VARBL													
CALM												.	
	[illegible].1	2[illegible].9	3[illegible].5	2[illegible].2	1.4	.1						1[illegible]	[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS ALL [illegible]

HOURS (L S T) _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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

ALL YEARS
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	•	[illegible]	[illegible]	•								[illegible]	[illegible]
NE	•	1 •	1 •	•								[illegible]	[illegible]
ENE	•	[illegible]	•	1 •								[illegible]	[illegible]
E	•	[illegible]	1 •									•	•
ESE													
SE													
SSE			•									•	•
S													
SSW													
SW													
WSW			•									•	•
W													
WNW													
NW													
NNW													
VARBL													
CALM												•	
	1 [illegible]	[illegible]	24 [illegible]	1 •								1 [illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS: ALL WEATHER

HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		•	•									1•	7.3
NNE		7.7	•	1.3								12•	8.1
NE	•7	11•	27.4	2.6								3_.1	7.1
ENE	•	11.4	17.7	4.3								73•	7.F
E	•	4.7	7.1	1.4								1•.1	7.9
ESE		•										•	5•
SE													
SSE													
S			•									•7	7.1
SSW													
SW			•									•	•
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												•	
	1.7	31.4	57•	9.7								1 0.7	7.8

TOTAL NUMBER OF OBSERVATIONS 1

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible]	[illegible]	5

ALL WEATHER
CLASS

.1
HOURS (L S T

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N			•									•	7.
NNE		•		•								1.	11.
NE	•	1.	3.	1.								10.	11.
ENE		1.	12.	16.	1.							31.	15.
E		1.	12.	•	•							25.	13.
ESE	•	1.	2.	1.								7.	7.
SE		•	4.	4.	•							11.	10.9
SSE			1.	4.								7.	10.
S		1.	2.									3.	7.
SSW		•	•	•								1.	•
SW													
WSW		•	•									•	9.
W													
WNW													
NW													
NNW													
VARBL													
CALM												•	
	•	7.	42.	47.	1.							100.	10.

TOTAL NUMBER OF OBSERVATIONS 31

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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

[illegible] | 14
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		•	•		•							1.6	•
NE		•	3.[illegible]	[illegible].1	1.[illegible]							1[illegible].[illegible]	12.4
ENE		•	12.[illegible]	21.[illegible]	1.3							[illegible].[illegible]	11.[illegible]
E		•	[illegible].1	12.6								[illegible].[illegible]	11.3
ESE		•	[illegible].2	2.3	.3							[illegible].1	10.[illegible]
SE		•	1.3	[illegible].4	.6							10.[illegible]	12.6
SSE			1.[illegible]	2.3	.4							4.[illegible]	12.1
S		•	1.[illegible]	1.[illegible]								4.[illegible]	10.2
SSW			[illegible].[illegible]	.3								1.[illegible]	.3
SW		•	1.[illegible]	.[illegible]								1.[illegible]	[illegible].8
WSW			•									•[illegible]	•
W			•									•	E.
WNW			•									•[illegible]	•
NW		•										•	4.
NNW													
VARBL													
CALM												•	
		[illegible].	34.[illegible]	57.1	[illegible].[illegible]							1[illegible].[illegible]	11.[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS | HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	•		•									1.5	•
NNE		•	•									1.	.7
NE		•	•	.1	.6							1.	12.2
ENE		1.	1.7	2.4	.3							.	11.
E	•	1.	1.6	•								1.	10.
ESE		•	•	.6								1.	.
SE			•	1.2								.	11.6
SSE		•	•	1.3								1.	11.2
S		•	.3	.2								1.	.
SSW		•	•									1.	.3
SW			.2	.2								.6	.
WSW		•	•									1.	.8
W			•									.6	•
WNW				•								•	12.
NW			•									.5	.
NNW			•									1.	.3
VARBL													
CALM												•	
	1.2	5.	41.6	2.6	1.2							1 0.	1 .

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S T)

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L.S.T.)

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S T)

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S T)

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S T)

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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

CLASS: ALL [illegible]

HOURS (L S T.):

CONDITION:

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

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

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 •
NNE			•	•								•	1 •
NE		•			•								11 •
ENE													1 •
E			•										•
ESE												•	1 •
SE		•			•								1 •
SSE	•	•											1 •
S			•										•
SSW				•									•
SW			•	•								•	11 •
WSW		•										•	•
W													
WNW													
NW													
NNW			•									•	1 •
VARBL													
CALM												•	
	•	•											1 •

TOTAL NUMBER OF OBSERVATIONS

SMOS

D
4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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

ALL WEATHER
CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	•			•								1•	•3
NNE			•	1•								1•	10•
NE		•	6•	•3	•							1•	12•
ENE	•	•3	7•7	12•3	1•7							2•7	11•-
E		•	7•7	9•7	•7							1•7	11•2
ESE		•	3•	3•7								1•	10•5
SE		•	3•7	•3	1•7							13•7	12•8
SSE			7•	4•7	•7							7•7	11•6
S	•7	•	7•7	1•								5•7	8•-
SSW	•		1•7	•7								2•7	9•9
SW		•	1•	•7								2•	9•6
WSW			•	1•7								2•	11•2
W			1•	•7								2•	10•5
WNW													
NW			•									•7	•3
NNW		•										•	5•7
VARBL													
CALM												•	
	1•	3•7	35•7	52•7	4•7							100•	11•2

TOTAL NUMBER OF OBSERVATIONS [illegible]0

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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

CLASS: ALL WEATHER

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		•										•	•
NNE				•	•							•	14.3
NE		1.	[illegible]	11.	1.3	•						[illegible]	11.7
ENE		1.	19.	17.	.3							[illegible]	10.
E	•	•	[illegible]	6.								[illegible]	10.
ESE		•	[illegible]	•								[illegible]	9.
SE		•	•	1.								[illegible]	11.
SSE		•	[illegible]	1.								[illegible]	9.
S		•	[illegible]									[illegible]	7.
SSW		•	1.									[illegible]	[illegible]
SW	•	•	•	•								1.	7.
WSW			1.	•								[illegible]	10.
W		•	1.	•								[illegible]	[illegible]
WNW		•	1.	1.								[illegible]	9.
NW		•	•	•								1.	•
NNW		1.										1.	4.
VARBL													
CALM												•	
	•	10.	45.	40.	2.0	•						1 0.	1 .3

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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

CLASS: ALL WEATHER

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

CONDITION:

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

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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

CLASS: ALL [illegible]

CONDITION:

HOURS (L.S.T.): 2[illegible]

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		•	•									1•	•2
NNE	•	•	4•7	•3								••	6•
NE	•	1•	11•	•9								7•7	5•
ENE	•3	2•7	7•	•7								40•7	•4
E	••	•	•9									1•9	5•1
ESE		•	•3									•7	•8
SE													
SSE													
S	•											•3	2•
SSW													
SW													
WSW													
W													
WNW													
NW	•	•7										•7	•5
NNW													
VARBL													
CALM												•	
	1•3	5•7	25•9	1•7								10•7	5•6

TOTAL NUMBER OF OBSERVATIONS [illegible]0

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

2 14 — STATION
[illegible] POINT, MI — STATION NAME
[illegible] — YEARS
[illegible] — MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	•	•	•	•								•	7.
NNE	•	1•	•	•	•							•	7.
NE	•	11•	7•	7•	•	•						3	7.
ENE	•	1	1	5•	•							7	7.
E	•	•	4•	2•	•							12•	•
ESE		•	1•	•	•							2•	•
SE		•	1•	2•	•							3•	11•
SSE	•	•	1•	1•	•							•	10•
S	•	•	1•	•								1•	•
SSW	•	•	•	•								•	7•
SW	•	•	•	•								•	7.
WSW		•	•	•								•	1
W		•	•	•								•	•
WNW		•	•	•								•	•
NW	•	•	•	•								•	•
NNW		•	•									•	•
VARBL													
CALM												•	
	7•	36•	3	19•	1	•						1 0	7

TOTAL NUMBER OF OBSERVATIONS 2 0

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.	.									1.3	.
NNE	.	5.5	5.3	2.4								13.	7.6
NE	.3	22.7	11.	1.								3.	6.
ENE	.7	2.4	.7	1.								3.	5.
E	1.	.5	3.7	.6								12.3	5.
ESE													
SE													
SSE													
S			.	.2								.	10.7
SSW													
SW		.		.2								1.	.3
WSW			.									.1	.
W													
WNW													
NW		.										.	5.
NNW		.										.	5.
VARBL													
CALM												.	
	.5	57.1	29.7	5.5								100.	6.2

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS ALL WEATHER

CONDITION _____

HOURS (L S T) _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S T)

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S T)

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

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 •
NNE			•	1 •								•	11 •
NE		•	4 •	9 •	2 •	•						1 •	12 •
ENE		1 •	4 •	12 •	•							•	11 •
E		1 •	•	11 •	•							2 •	11 •
ESE		•	2 •	2 •								•	1 •
SE			1 •	•	•	•						•	1 •
SSE			1 •	•	•							•	12 •
S		•	•	2 •								•	•
SSW			•	1 •								•	1 •
SW			•	1 •								•	13 •
WSW		•	1 •	•								•	1 • 1
W			•	•	•							1 •	1 •
WNW	•		•	•								•	•
NW			•									•	•
NNW													
VARBL													
CALM												•	
	•	3 •	•	•	•	•						•	11 •

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

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

2
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	•	1•	1•									•3	•
NNE	•	•5	•5	2•7								11•	•1
NE	•	17•6	11•7	1•	•7							•1	8•
ENE	•	22•1	17•1	1•								•	5•1
E	1•7	•2	4•1	1•3								1 •1	3•7
ESE	•		•									•	4•5
SE	•	•										•	7•
SSE			•	•7								•	1 •5
S													
SSW		•										•	4•5
SW			•									•	•
WSW		•										•	•
W													
WNW													
NW													
NNW	•	•2										•	7•5
VARBL													
CALM												•	
	•1	4 •0	34•1	5•5	•3							1 0•1	7•4

TOTAL NUMBER OF OBSERVATIONS 71

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible] POINT, NJ	[illegible]	OCT

CLASS: ALL WEATHER

CONDITION:

HOURS (L S T): ALL

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.	.2	.1								1.2	7.2
NNE	.	3.2	4.4	2.4	.1							10.2	.2
NE	1.2	.2	1 .2	4.2	.5	.						25.2	7.8
ENE	1.	12.	1 .3	6.3	.4							20.	7.3
E	.	.	.2	4.2	.1							16.	5.2
ESE	.	.	1.	.2								1.	3.4
SE	.2	.2	1.	1.2	.1	.						2.2	11.1
SSE	.1	.2	.	1.	.2							2.1	10.2
S	.	.1	1.2	.2								2.2	5.1
SSW	.	.2	1.	.2								1.5	.3
SW	.	.2	.	.2								1.4	.1
WSW	.	.	.	.4								1.2	.9
W	.	.1	.2	.1	.							.6	.2
WNW	.		.	.2								.4	.2
NW	.	.1	.1	.								.2	.4
NNW	.	.	.2		.							.2	.2
VARBL													
CALM												.	
	.	11.2	4 .4	22.2	1.4	.1						1 0.2	.2

TOTAL NUMBER OF OBSERVATIONS 24

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS | HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	•	•	•									1.7	5.
NNE	•	2.	2.	1.7	.3							7.7	7.3
NE	5.	17.7	7.7	7.7								37.	7.
ENE	•	14.	10.	1.								40.	5.7
E	•	5.	2.	.3								12.	.1
ESE			•									.7	3.
SE			•									.7	10.(
SSE				•	.3							.7	1 .
S	•	•		•	.3							1.	.3
SSW					•							.7	1 .(
SW		•										.3	.
WSW													
W													
WNW				•								•	15.
NW				•	.3							.7	1 .(
NNW													
VARBL													
CALM												1.	
	11.	4.7	24.	7.7	1.7							10.7	.7

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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

CLASS: ALL WEATHER

CONDITION:

HOURS (L.S.T.):

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	•	•	•									1.[illegible]	.3
NNE	•	[illegible]	[illegible]	3.[illegible]	1.[illegible]							[illegible]	[illegible]
NE	•	14.[illegible]	1[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	13.[illegible]	1[illegible]	1.[illegible]								[illegible]	[illegible]
E	•	•	[illegible]	1.[illegible]	•							12.3	[illegible]
ESE	•	•										•	[illegible]
SE				•								•	13.[illegible]
SSE			•		•							1.[illegible]	1[illegible]
S			•	•								1.[illegible]	12.
SSW					•	•						•	1.[illegible]
SW													
WSW													
W					•							•	30.[illegible]
WNW													
NW													
NNW		•										•	[illegible]
VARBL													
CALM												•	
	•	[illegible]	31.[illegible]	11.[illegible]	2.7	•						1 0.[illegible]	7.1

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
2 14	[illegible] POINT, NC	[illegible]-60	N[illegible]

CLASS: ALL [illegible]

HOURS (L.S.T.): 11

CONDITION:

SPEED (KNTS) DIR.	1 - 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]
NNE		•	[illegible]	1.[illegible]	•	•						[illegible]	11.[illegible]
NE		•	[illegible]	[illegible]	•							•	12.[illegible]
ENE	1.	1.	[illegible]	11.[illegible]	[illegible]							[illegible]	11.[illegible]
E		[illegible]	•	[illegible]	•							1.[illegible]	[illegible]
ESE		1.	[illegible]	[illegible]								[illegible]	[illegible]
SE		•	•	[illegible]	•							•	[illegible]
SSE	•	1.	[illegible]	1.	•							[illegible]	[illegible]
S	•	1.	[illegible]	•								[illegible]	[illegible]
SSW		•	[illegible]	•		•						4.	[illegible]
SW			1.	•								1.[illegible]	10.[illegible]
WSW													
W		•	1.[illegible]	•								[illegible]	12.[illegible]
WNW			•	•								•	11.
NW													
NNW													
VARBL													
CALM												•	
	1.[illegible]	12.[illegible]	47.3	30.[illegible]	[illegible].7	•						1[illegible].[illegible]	1[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]8

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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

CLASS: ALL WEATHER

HOURS (L S T): 1 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	•			2.7	1.[illegible]	•						4.[illegible]	13.[illegible]
NE		•	2.3	5.3	1.0	•						[illegible]	12.[illegible]
ENE	1.0	•	3.[illegible]	11.3	2.0							2.	11.
E	•	1.[illegible]	[illegible].3	10.3	•							1.[illegible]	11.
ESE	•	•	[illegible].7	1.7	•							[illegible]	[illegible].[illegible]
SE		•	[illegible].0	4.[illegible]								[illegible]	11.[illegible]
SSE			[illegible].[illegible]	2.7		•						[illegible]	11.[illegible]
S		1.[illegible]	4.3	2.3								[illegible]	[illegible].7
SSW		•	2.[illegible]									3.	•
SW		•	1.	• 7								2.	[illegible].[illegible]
WSW		•	1.[illegible]	• 7		•						•	11.
W		•	1.[illegible]	2.[illegible]	•							4.	1 .[illegible]
WNW	•	•	•	1.0	•							[illegible].3	1 .7
NW													
NNW													
VARBL													
CALM												•	
	[illegible].[illegible]	[illegible].0	3[illegible].7	49.7	5.7	1.[illegible]						1 0.	11.1

TOTAL NUMBER OF OBSERVATIONS [illegible]0

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S T)

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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

CLASS: ALL WEATHER

HOURS (L.S.T.):

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		•	•									1.[illegible]	•
NNE	•	[illegible]	[illegible]	[illegible]	.3							[illegible]	.9
NE	[illegible]	[illegible]	9.	[illegible]	1.[illegible]							[illegible]	.1
ENE	[illegible]	1.[illegible]	11.[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	•	[illegible]	1.[illegible]	.3							1.[illegible]	[illegible]
ESE	[illegible]	•	•									•	[illegible]
SE			1.									1.[illegible]	•
SSE				•								•	1.
S	•		1.	.3	1.[illegible]							•	11.2
SSW		•	1.									1.3	6.
SW	•					•		•				1.	1.3
WSW													
W		•	•									1.	[illegible]
WNW		•										•	[illegible]
NW		•		•								•	[illegible]
NNW		•	•									1.	•
VARBL													
CALM												•	
	.3	[illegible]	[illegible]	[illegible]	2.7	•		•				1 [illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS: [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L.S.T.)

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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

CLASS: ALL WEATHER

HOURS (L S T): ALL

CONDITION:

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

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S T

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS: ALL WEATHER | HOURS (L S T): 11

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S T)

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible]	[illegible]	D C

ALL [illegible]
CLASS

HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N			•		•							1•	1 •7
NNE		•	1•	3•	1•							6•	12•3
NE		1•	3•	4•5	2•3							11•	11•
ENE	•	3•	11•	10•0	•4							2•	10•
E	•	1•	6•	3•6								11•	•1
ESE		•	•	•3								1•	0•
SE		•	1•3	1•3								3•	11•0
SSE		1•	•									4•	9•0
S	•	3•	3•3									6•1	9•3
SSW		3•	1•	•6								4•3	7•1
SW	•	•	1•	1•								3•	7•
WSW		•	2•	•3	•3							3•	8•2
W		1•	2•4	1•1	•3							5•	9•4
WNW		•4	1•	1•3		•3						3•	11•3
NW		•	1•3	•6	•3							3•0	9•4
NNW		•	•2									•	8•3
VARBL													
CALM												•	
	1•3	13•4	44•3	35•2	6•6	•3						100•	9•7

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS

CONDITION

HOURS (L S T)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	•	1•	•	•								2•	5.3
NNE	•	2•	3.1	2.6	•7							14•	9.5
NE	3•	3•	5•	1•								17•8	7.5
ENE	6•	16•3	12•	3.6								38•6	6.3
E	1•	3•	2•	•6								•7	5.4
ESE	•	•	•									1•	4.2
SE				•								•	17.0
SSE			•	1•	•3							1•	12.3
S	•	•1	•	•4								2•3	7.7
SSW	•		1•		•3							1•5	•4
SW	•		1•									1•	4.2
WSW	•	•3	1•	•5								3•3	•2
W	•	•	•3									1•	4.5
WNW	•	•1	1•3									2•3	7.1
NW			•	•3								1•	•3
NNW		1•	•3									1•	5.2
VARBL													
CALM												1•3	
	13•3	37•2	34•2	10•3	1•8							100•	6.3

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS

HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	•	1.	1.										
NNE	•	5.		1.6	.3							12.	
NE	3.	11.			.3							34.	
ENE	.5	2.	11.	.6								1.1	
E	•	2.		.7								3.	
ESE				•								•	
SE					•							•	
SSE				•								•	
S			•	1.								1.	
SSW		1.	•	.6								2.	
SW			•	.6								1.	
WSW		•		1.								1.	
W		•	•									1.	
WNW		•										•	
NW		•		•								•	
NNW	•	1.	•									1.	
VARBL													
CALM												•	
	11.	4	2	13.	1.0							1	

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible] POINT, HI	[illegible]	DEC

CLASS: ALL WEATHER

HOURS (L.S.T.): ALL

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.	.2	.2	.1							2.1	7.4
NNE	.2	2.3	3.3	2.2	.2							7.[illegible]	8.5
NE	2.7	12.2	6.1	3.2	.6	.2						22.[illegible]	7.1
ENE	1.4	13.3	5.2	4.2	.4	.2						25.[illegible]	7.2
E	.	3.1	4.1	1.2	.1							10.1	7.[illegible]
ESE	.	.	.2	.2								1.	7.8
SE	.1	.	1.	.2	.1							2.6	9.2
SSE	.	.4	1.	.2	.1							3.3	8.5
S	.1	1.1	1.1	.2	.3							4.3	9.4
SSW	.1	.	1.	.4	.3							2.4	10.0
SW	.	.2	.	.2	.1							1.[illegible]	[illegible].4
WSW	.	.2	1.	.2	.1							2.1	[illegible].8
W	.1	.2	.2	1.1	.2	.						5.2	10.1
WNW	.1	.2	.2	.2		.1	.					1.	10.[illegible]
NW	.1	.1	.4	.2	.2							1.[illegible]	.4
NNW	.	.1	.1	.1								.[illegible]	[illegible].4
VARBL													
CALM												.	
	.2	34.[illegible]	33.1	19.2	2.8	.2	.0					100.[illegible]	7.[illegible]

TOTAL NUMBER OF OBSERVATIONS 2475

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	•	•	•	•	•							1.2	•
NNE	•	2.1	2.2	1.6	•	•						7.7	•
NE	2.1	4.2	2.1	2.7	•	•						12.	7.
ENE	•	17.4	11.2	7.4	•	•						34.	7.
E	•	1.1	1.	2.9	•							14.	•
ESE	•	•	1.1	•	•							2.	5.1
SE	•	•	1.	1.4	•	•	•					2.	10.
SSE	•	•	1.1	•	•	•						2.	10.1
S	•	•	1.	•	•	•		•				3.	•
SSW	•	•	•	•	•	•						1.	9.
SW	•	•	•	•	•	•		•				1.	•
WSW	•	•	•	•	•	•	•					1.	10.
W	•	•	•	•	•	•	•					1.	10.
WNW	•	•	•	•	•	•	•					1.	10.
NW	•	•	•	•	•	•	•					•	9.
NNW	•	•	•	•	•							•	•
VARBL													
CALM												•	
	•	33.1	35.	22.9	2.	•	•	•				10.	•

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible] PT., MI	[illegible]	ALL

INSTRUMENT
CLASS

ALL
HOURS (L S T)

CEIL [illegible] TO 1400 FT W/VSBY 1/2 MI OR MORE,
CONDITION

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NNE		[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
SE			[illegible]	[illegible]								[illegible]	11.
SSE			[illegible]	[illegible]	[illegible]							[illegible]	15.
S	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]		[illegible]				[illegible]	[illegible]
SSW			[illegible]		[illegible]							[illegible]	[illegible]
SW		[illegible]	[illegible]	[illegible]				[illegible]				[illegible]	[illegible]
WSW	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]
W			[illegible]		[illegible]	[illegible]	[illegible]					[illegible]	[illegible]
WNW	[illegible]		[illegible]	[illegible]	[illegible]							[illegible]	[illegible]
NW		[illegible]		[illegible]								[illegible]	[illegible]
NNW			[illegible]		[illegible]							[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

CEILING-VISIBILITY

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																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
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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																
≥ 100 ≥ 0																

TOTAL NUMBER OF OBSERVATIONS ____ _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
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≥ 500																
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH JAN

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																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
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≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
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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	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
AVI 18000																
AVI 16000																
AVI 14000																
AVI 12000																
AVI 10000																
AVI 9000																
AVI 8000																
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AVI 700																
AVI 600																
AVI 500																
AVI 400																
AVI 300																
AVI 200																
AVI 100																
AVI 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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 JAN

HOURS (L S T) 23

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T) _____

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

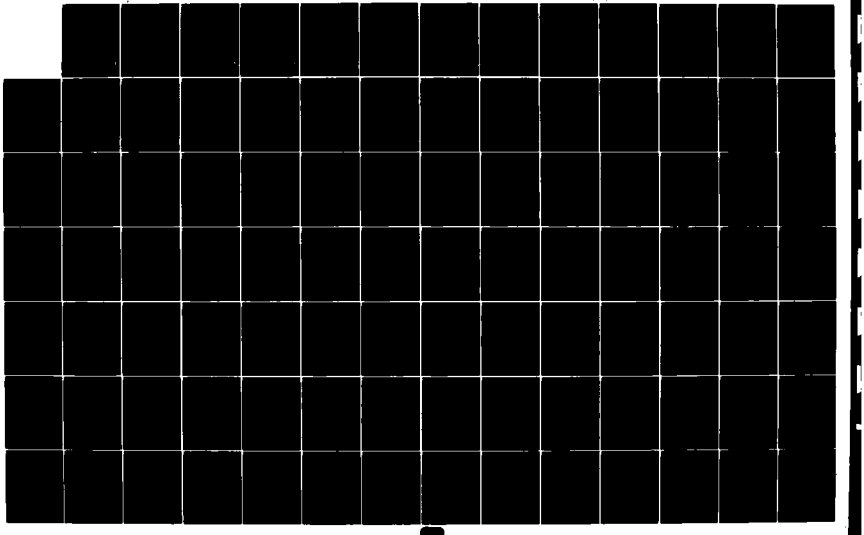
CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000																
≥ 18000 ≥ 16000																
≥ 14000 ≥ 12000																
≥ 10000 ≥ 9000																
≥ 8000 ≥ 7000																
≥ 6000 ≥ 5000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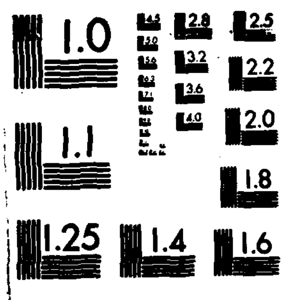
TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

AD A150 457 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) 3/4
BARBERS POINT HAWAII(U) NAVAL OCEANOGRAPHY COMMAND
DETACHMENT ASHEVILLE NC SEP 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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
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TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible]	73-82	FEB

HOURS (L S T): 20

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 20000	[illegible]	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 18000	[illegible]	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 16000	[illegible]	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 14000	[illegible]	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 12000	[illegible]	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 10000	[illegible]	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 9000	[illegible]	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 8000	[illegible]	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 7000	[illegible]	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 6000	[illegible]	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 5000	[illegible]	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 4500	[illegible]	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 4000	[illegible]	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 3500	[illegible]	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 3000	[illegible]	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2500	[illegible]	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 2000	[illegible]	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1800	[illegible]	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1500	[illegible]	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	[illegible]	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	[illegible]	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	[illegible]	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	[illegible]	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	[illegible]	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	[illegible]	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	[illegible]	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	[illegible]	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	[illegible]	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	[illegible]	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	[illegible]	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	[illegible]	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]2

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

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

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

23 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 20000	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 18000	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 16000	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 14000	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 12000	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 10000	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 9000	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 8000	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 7000	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 6000	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 5000	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 4500	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 4000	93.6	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 3500	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 3000	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2500	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 2000	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1800	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1500	99.2	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	99.2	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 252

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

22 14 — STATION | HARBERS POINT, HI — STATION NAME | 73-9[illegible] — YEARS | FEB — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL — HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 20000	[illegible]	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 18000	[illegible]	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 16000	[illegible]	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 14000	[illegible]	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 12000	[illegible]	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 10000	[illegible]	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 9000	[illegible]	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 8000	[illegible]	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 7000	[illegible]	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 6000	[illegible]	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 5000	[illegible]	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 4500	[illegible]	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 4000	[illegible]	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 3500	[illegible]	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 3000	[illegible]	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 2500	[illegible]	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2000	[illegible]	98.1	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1800	[illegible]	98.4	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1500	[illegible]	98.9	99.1	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	[illegible]	98.9	99.1	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	[illegible]	98.9	99.2	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	[illegible]	99.1	99.2	99.3	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	[illegible]	99.0	99.2	99.3	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	[illegible]	99.0	99.2	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	[illegible]	99.0	99.2	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	[illegible]	99.1	99.3	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	[illegible]	99.1	99.3	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	[illegible]	99.1	99.3	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	[illegible]	99.1	99.3	99.4	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	[illegible]	99.1	99.3	99.4	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
0	[illegible]	99.1	99.3	99.4	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 225[illegible]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] | [illegible] | [illegible] | MAR

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

[illegible]

HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	[illegible]
≥ 20000	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 18000	[illegible]	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	[illegible]
≥ 16000	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 14000	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 12000	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 10000	[illegible]	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 9000	[illegible]	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 8000	[illegible]	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 7000	[illegible]	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 6000	[illegible]	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 5000	[illegible]	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 4500	[illegible]	90.3	90.3	90.3	90.3	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 4000	94.2	94.8	94.8	94.8	94.8	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 3500	[illegible]	94.8	94.8	94.8	94.8	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 3000	[illegible]	94.8	94.8	94.8	94.8	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 2500	[illegible]	98.4	98.4	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2000	[illegible]	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	[illegible]	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	[illegible]	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	[illegible]
≥ 1200	[illegible]	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
≥ 1000	[illegible]	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
≥ 900	[illegible]	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
≥ 800	[illegible]	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
≥ 700	[illegible]	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
≥ 400	[illegible]	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
≥ 500	[illegible]	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
≥ 400	[illegible]	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
≥ 300	[illegible]	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
≥ 200	[illegible]	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
≥ 100	[illegible]	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
0	[illegible]	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION: [illegible] | STATION NAME: [illegible] POINT, MI | YEARS: 73-[illegible] | MONTH: MAR | HOURS (L S T): [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 20000	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
AAI 18000	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
AAI 16000	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
AAI 14000	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
AAI 12000	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
AAI 10000	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
AAI 9000	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
AAI 8000	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
AAI 7000	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
AAI 6000	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
AAI 5000	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
AAI 4500	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
AAI 4000	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
AAI 3500	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
AAI 3000	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
AAI 2500	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AAI 2000	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
AAI 1800	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
AAI 1500	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
AAI 1200	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
AAI 1000	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
AAI 900	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
AAI 800	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
AAI 700	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
AAI 600	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
AAI 500	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
AAI 400	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
AAI 300	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
AAI 200	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
AAI 100	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]
AAI 0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
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TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T) _____

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

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	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
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≥ 12000																
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T) _____

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000																
≥ 18000 ≥ 16000																
≥ 14000 ≥ 12000																
≥ 10000 ≥ 9000																
≥ 8000 ≥ 7000																
≥ 6000 ≥ 5000																
≥ 4500 ≥ 4000																
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

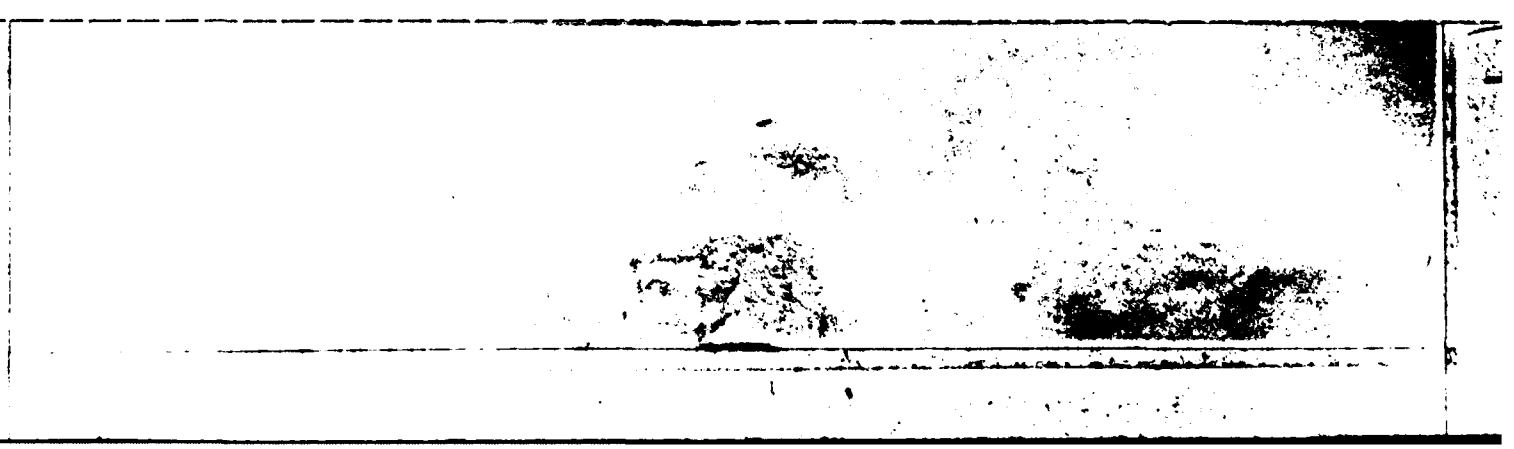
STATION _____ STATION NAME _____ YEARS 73-77 MONTH APR HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (LST) _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T) 11

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
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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	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
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TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

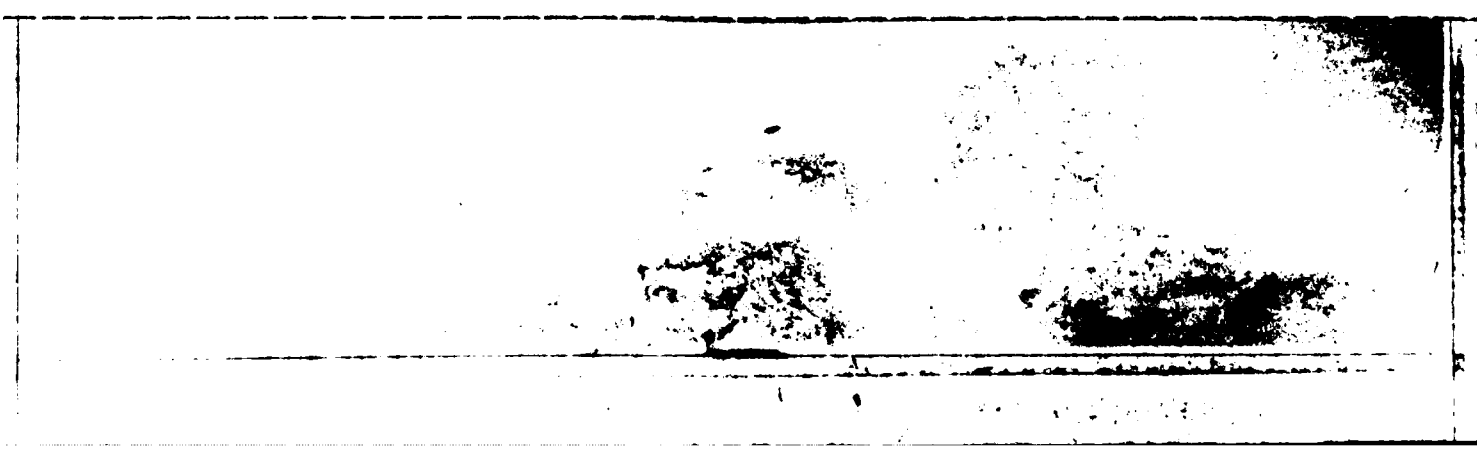
PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T)

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

2
HOURS (L S T)

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

DIRNAVOCEANMET SMOS



NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH Apr

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T) 23

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T) _____

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

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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	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
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AVI 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH ALL HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

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

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 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	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

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STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

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(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
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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 _____

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 (LST) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

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STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
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NO CEILING																
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) 1

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000																
≥ 18000 ≥ 16000																
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T) _____

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

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

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)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
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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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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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)

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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DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILIT

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

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)															
	≥ 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 _____

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

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 _____

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 _____

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PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

11
HOURS (L S T)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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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≥ 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	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET SMO3

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILIT

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

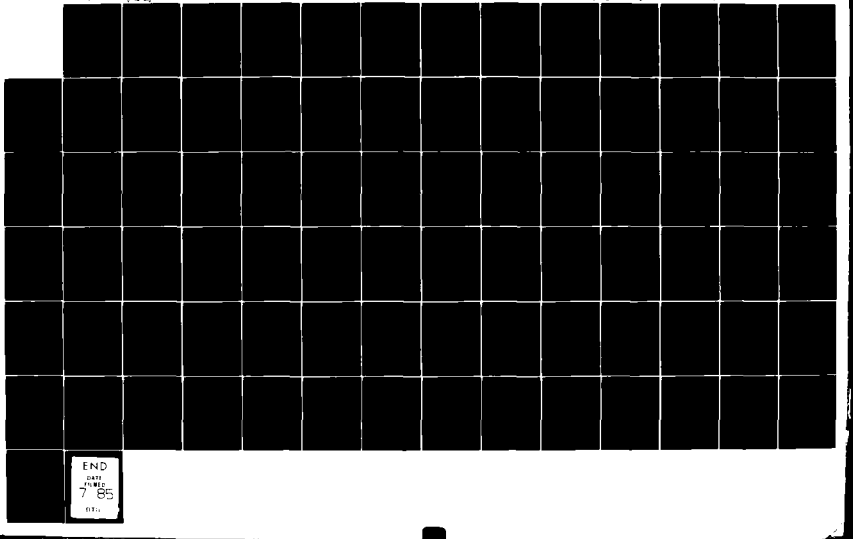
CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥
NO CEILING ≥ 20000																
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TOTAL NUMBER OF OBSERVATIONS: _____

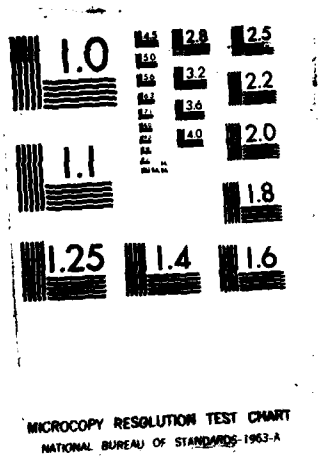
DIRNAVOCEANMET SMOS

AD A150 457 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) 44
BARBERS POINT HAWAII(U) NAVAL OCEANOGRAPHY COMMAND
DETACHMENT ASHEVILLE NC SEP 84

UNCLASSIFIED F/G 4/2 NL



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

4

SKY COVER

STATION	STATION NAME	PERIOD	MONTH
[illegible]	[illegible]	[illegible]	JAN

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]	11.[illegible]			51.[illegible]						20.[illegible]	15.[illegible]	[illegible]	[illegible]
	[illegible]	11.[illegible]			[illegible]						23.0	14.6	[illegible]	[illegible]
	[illegible]	[illegible]			[illegible]						24.2	15.2	[illegible]	[illegible]
	11	[illegible]			[illegible]						[illegible]	12.[illegible]	5.7	[illegible]
	[illegible]	[illegible]			57.1						23.1	13.[illegible]	5.6	[illegible]
	[illegible]	[illegible]			57.7						26.1	14.2	5.5	[illegible]
	[illegible]	[illegible]			[illegible]						[illegible]	16.5	[illegible]	31
	[illegible]	11.3			[illegible]						17.4	17.1	[illegible]	[illegible]
TOTALS		[illegible]			54.[illegible]						24.1	15.0	5.3	2476

NAVWEASERVCOM

SKY COVER

2 14 STATION | BA E PS POINT, HI STATION NAME | 73-92 PERIOD | FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
F	2	11.[illegible]			[illegible]5.[illegible]						23.0	10.3	4.9	[illegible]
	[illegible]5	.[illegible]			57.[illegible]						26.6	11.7	[illegible].1	[illegible]
	[illegible]	[illegible].[illegible]			[illegible]7.[illegible]						[illegible].1	11.7	[illegible].5	[illegible]
	11	[illegible].[illegible]			54.3						[illegible].4	13.[illegible]	[illegible].[illegible]	[illegible]
	1[illegible]	1.1			4[illegible].9						33.[illegible]	16.3	[illegible].1	[illegible]
	17	[illegible].1			[illegible]1.4						[illegible].3	14.2	5.9	[illegible]
	[illegible]0	4.[illegible]			[illegible]1.[illegible]						17.9	14.2	[illegible].[illegible]	[illegible]
	[illegible]	1[illegible].4			5 .9						[illegible].4	[illegible]7.3	4.5	[illegible]
TOTALS		.1			[illegible]4.4						[illegible].[illegible]	12.9	[illegible].3	2256

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SKY COVER

2 1N | BARBERS POINT, HI | 77-82 | MAR
STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
		4.[illegible]			61.6						18.1	15.5	5.[illegible]	[illegible]
		7.4			57.4						19.7	15.5	5.7	31
		1.7			75.7						[illegible].7	14.[illegible]	5.7	[illegible]0
	1	.7			48.4						35.[illegible]	15.5	6.2	31
	1[illegible]	.6			47.4						36.1	15.8	6.3	31
	1[illegible]	.4			46.4						35.9	15.2	6.2	310
	[illegible]	1.6			57.4						25.7	15.2	5.6	310
	2[illegible]	3.2			65.7						17.7	13.[illegible]	4.7	[illegible]
TOTALS		[illegible].			55.1						27.2	15.2	5.6	2490

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SKY COVER

STATION	STATION NAME	PERIOD	SUBSTA
2 14	DE BERS POINT, HI	73-82	SPD

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		
					56.7						23.7	14.3	5.3	
TOTALS													5.8	

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SKY COVER

STATION	STATION NAME	PERIOD	MONTH
[illegible] 14	EA PERS POINT, MI	73-82	MAY

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]	[illegible].3			43.5						26.1	6.1	5.1	[illegible]1
		[illegible].8			[illegible]1.0						29.4	8.[illegible]	5.1	31
	[illegible]	1.[illegible]			[illegible]5.2						34.5	[illegible].0	5.7	[illegible]10
	1	.3			42.6						4[illegible].5	1[illegible].6	[illegible].5	310
	1[illegible]	.3			43.9						[illegible]3.5	12.3	[illegible].5	31[illegible]
	1[illegible]	.6			[illegible]1.0						4[illegible].2	13.2	6.6	31[illegible]
	[illegible]	.6			[illegible]1.6						3[illegible].2	12.6	[illegible].0	31[illegible]
	2[illegible]	[illegible].3			61.[illegible]						25.5	1[illegible].3	[illegible].[illegible]	[illegible]1[illegible]
TOTALS		1.[illegible]			52.6						35.7	10.4	5.8	248[illegible]

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SKY COVER

2 14 — STATION
BARBERS POINT, HI — STATION NAME
73- 7 — PERIOD
JUN — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
	0	3.0			52.7						28.7	8.7	5.2	300
		2.3			50.0						32.7	6.7	5.3	300
		1.7			53.7						36.0	10.7	5.9	300
	11				41.7						49.3	9.7	6.6	300
	1				27.7						56.7	12.3	7.3	300
	1	1.7			43.0						47.7	12.7	6.7	300
	2	.7			51.0						39.7	9.7	6.0	300
	2	2.3			61.7						27.7	8.3	5.2	300
TOTALS		1.1			49.3						40.0	9.7	6.0	2400

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SKY COVER

2 14 BARBERS POINT, HI 73-82 JUL
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUL	0	5.0			67.4						23.2	3.5	4.5	[illegible]
		7.0			63.5						25.7	3.9	4.6	[illegible]
		1.0			67.3						31.0	3.0	5.1	316
	1				53.5						41.0	4.5	[illegible].8	[illegible]
	1	.3			52.6						42.0	4.2	5.9	[illegible]
	1				57.4						37.4	4.2	[illegible].5	[illegible]
	2	.7			63.5						31.6	4.5	5.3	[illegible]
	2	6.1			64.5						24.5	4.8	4.6	[illegible]
TOTALS		3.7			62.8						32.3	4.2	5.2	248

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SKY COVER

2 14 — BARBERS POINT, HI — 73-82 — [illegible]
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		
[illegible]	[illegible]	[illegible]			60.7						[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]				[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]				[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]			66.8						[illegible]	[illegible]	[illegible]	[illegible]
TOTALS		[illegible]			[illegible]						11.4	[illegible]	[illegible]	[illegible]

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SKY COVER

2 14 BARBERS POINT, HI 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		
		5.7			73.7						17.0	3.7	4.1	270
	2	6.			75.7						15.3	2.3	.7	300
	5	.7			7 .3						23.3	2.3	4.5	300
	11				5 .7						34.7	1.	5.5	300
	14	.7			5 .7						42.7	7.3	6.0	300
	17				.7.3						40.3	6.3	5.9	300
		.7			67.7						25.3	5.7	4.9	300
	2	4.			66.7						24.0	3.3	4.7	300
TOTALS		.2			65.7						28.7	4.1	5.0	2430

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SKY COVER

2 14 — STATION
BARBERS POINT, HI — STATION NAME
[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]	4.			[illegible]						21.0	[illegible]	[illegible]	[illegible]
	[illegible]	3.			6[illegible].7						[illegible].0	6.	4.4	
		.			6[illegible].[illegible]						2[illegible].1	9.4	[illegible].[illegible]	
	[illegible]1				5[illegible].[illegible]						3[illegible].4	7.7	5.[illegible]	
	1				4[illegible].[illegible]						4[illegible].7	7.4	6.4	
	[illegible]				[illegible].4						[illegible].7	12.[illegible]	[illegible].[illegible]	
	[illegible]	1.[illegible]			[illegible]1.[illegible]						2[illegible].7	10.0	[illegible].3	
	2	3.5			6[illegible].3						2[illegible].5	7.7	[illegible].[illegible]	310
TOTALS		[illegible].[illegible]			[illegible].7						[illegible].[illegible]	[illegible].2	[illegible].4	24[illegible]

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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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SKY COVER

2 14 — STATION
[illegible] POINT, HI — STATION NAME
[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]	.4			4[illegible].7						3[illegible].[illegible]	11.7	[illegible].4	[illegible]
		[illegible].1			57.4						24.[illegible]	10.3	[illegible].[illegible]	[illegible]
		[illegible].[illegible]			56.[illegible]						[illegible].[illegible]	11.3	[illegible].4	[illegible]
	1	2.3			[illegible]5.[illegible]						[illegible]0.3	12.[illegible]	[illegible].6	[illegible]
	1	1.[illegible]			[illegible]1.1						[illegible]3.[illegible]	14.2	[illegible].[illegible]	[illegible]
	[illegible]	1.[illegible]			[illegible]4.						[illegible]3.[illegible]	14.2	[illegible].[illegible]	[illegible]
	[illegible]	[illegible].1			5[illegible].6						26.[illegible]	11.[illegible]	[illegible].3	[illegible]
	[illegible]	0.5			5[illegible].6						[illegible].[illegible]	10.7	[illegible].[illegible]	[illegible]
TOTALS		.[illegible]			[illegible]5.[illegible]						[illegible]3.6	12.	[illegible].4	[illegible]4[illegible]5

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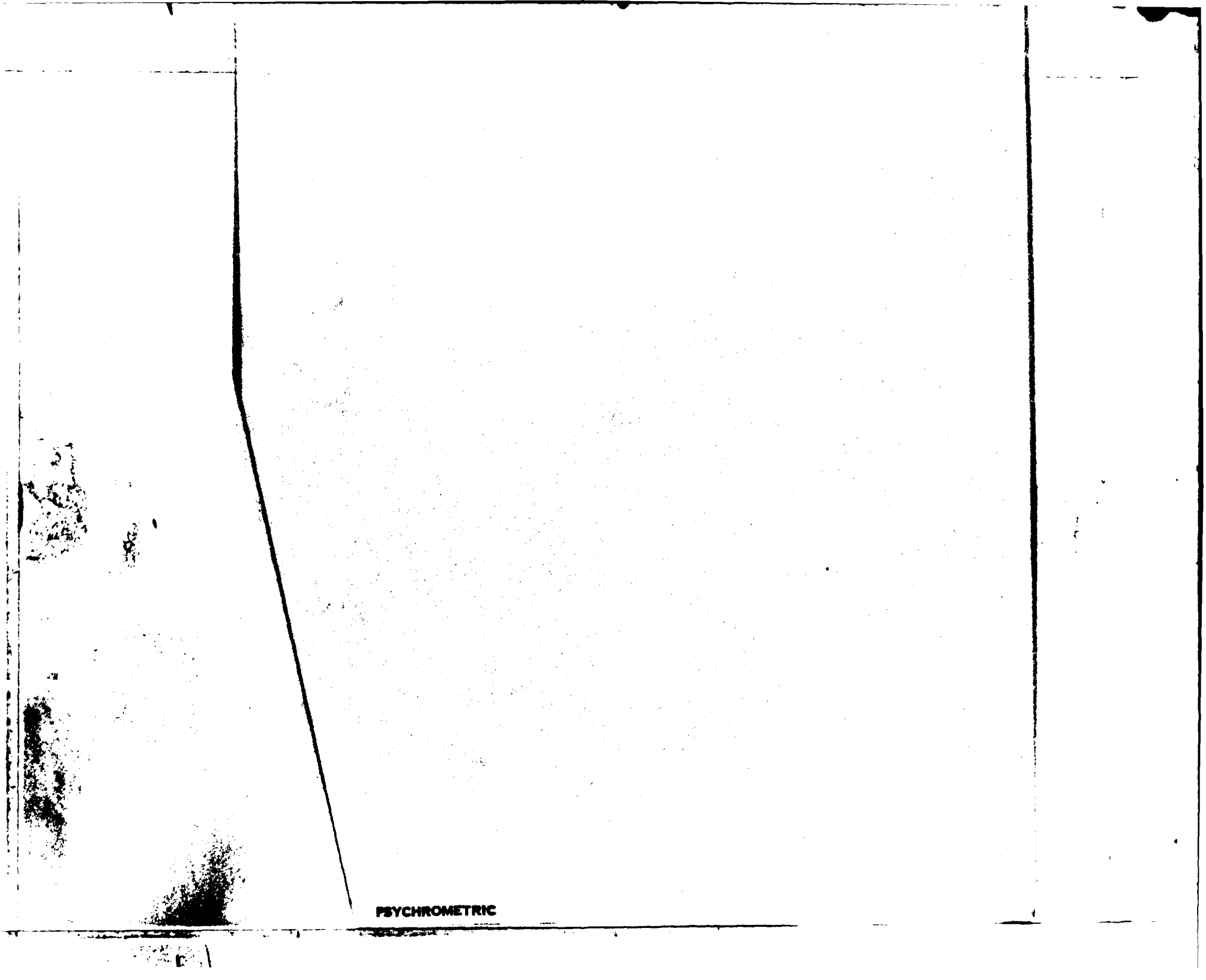
SKY COVER

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		
	LL	.			54.[illegible]						24.1	15.[illegible]	.[illegible]	24[illegible]6
		.			[illegible]4.4						[illegible].7	12.[illegible]	[illegible].3	[illegible]65[illegible]
		[illegible].			[illegible]5.1						[illegible].2	1[illegible].2	[illegible].6	2[illegible]
		[illegible].			[illegible]2.3						[illegible]	14.2	[illegible].5	2[illegible]
		1.			[illegible]2.6						25.[illegible]	1[illegible].4	[illegible].[illegible]	2
		[illegible].1			[illegible].[illegible]						4[illegible].[illegible]	[illegible].7	[illegible].[illegible]	2[illegible].6
		[illegible].			[illegible].5						[illegible].3	4.2	[illegible].2	24[illegible]
		1.			[illegible].1						1.4	[illegible].	[illegible].3	24
		.[illegible]			[illegible].[illegible]						[illegible].[illegible]	4.1	[illegible].	2[illegible]5
		[illegible].			[illegible].7						3[illegible].5	[illegible].4	[illegible].4	24[illegible]
		[illegible].			[illegible]4.[illegible]						3[illegible].4	12.7	5.7	2[illegible]3
		.[illegible]			5.[illegible]						[illegible]3.4	12.	[illegible].4	24[illegible]6
TOTALS		[illegible].			5[illegible].1						3[illegible].4	10.[illegible]	[illegible].5	[illegible][illegible]6

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PSYCHROMETRIC

NOCD, Federal Building
Asheville, N. C.

PART E PSYCHROMETRIC SUMMARIES

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

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

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

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

   a. Extreme maximum temperature
   b. Extreme minimum temperature

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

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

   a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the total no. of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may require two pages in some cases.

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



b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), 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.

. 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 [illegible] STATION NAME [illegible] YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥ [illegible]				.1	.1	1.7	6.9	7.4	9.4	3.3	.5	.1	[illegible]
≥ [illegible]	[illegible]	4.5	4.4	7.5	[illegible]	77.9	53.1	64.6	69.1	51.1	19.1	6.8	[illegible]
≥ [illegible]	[illegible]	43.9	57.5	68.3	[illegible]	98.5	99.7	99.5	99.8	97.7	86.1	58.[illegible]	[illegible]
≥ 75	94.7	92.2	95.2	[illegible]	99.9	100.0	100.[illegible]	100.0	100.0	100.0	99.5	97.4	[illegible]
≥ 70	99.9	99.6	99.9	100.0	100.0						100.[illegible]	99.9	[illegible]
≥ 65	100.0	100.	100.0									100.0	100.0
≥													
≥													
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MEAN	[illegible]	[illegible]	[illegible]	[illegible]	82.[illegible]	84.1	85.1	85.5	85.9	84.6	82.3	8[illegible].1	82.[illegible]
S. D.	[illegible]	3.11[illegible]	2.9[illegible]	2.64[illegible]	2.500	2.345	2.613	2.4[illegible]	2.469	2.579	2.645	2.986	3.[illegible]
TOTAL OBS.	[illegible]	[illegible]	[illegible]	[illegible]	1054	1020	10[illegible]	1054	1015	10[illegible]0	1019	10[illegible]	12[illegible]1

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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
≥													
≥		1.4	.5	.4	.4						1.4	1.2	
≥		14.3	10.6	13.1	23.1	46.7	77.6	91.4	95.3	91.5	79.6	55.9	23.8	51.0
≥		64.3	63.5	72.6	87.8	96.5	99.2	99.9	99.9	99.9	99.0	95.1	81.8	
≥													
≥		93.7	99.9	99.7	99.9							100.0	99.9	
≥		100.0	100.0	100.0	100.0								100.0	100.0
≥													
≥													
≥													
≥													
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≥													
MEAN		65.4	66.2	67.7	69.1	71.6	72.1	72.6	72.2	71.4	69.6	67.3	69.2
S. D.		3.506	3.178	2.618	2.172	1.995	1.962	1.966	2.068	2.581	2.791	3.423	3.768
TOTAL OBS.		948	1054	1020	1054	1020	1054	1054	1019	1050	1019	1054	12361

NAVWEASERVCOM

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													
N													
N													
N													
N													
N													
N													
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NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

22814	BARBERS POINT, HI	1949-1982	JANUARY
STATION	STATION NAME	YEARS	MONTH

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	72.6	22.6	79.2	26.2	84	28.9	1983*	66.1	18.9	52	11.1	1973
2	73.1	22.8	79.8	26.6	84	28.9	1983*	66.4	19.1	57	13.9	1973
3	73.1	22.8	79.7	26.5	86	30.0	1981	66.6	19.2	57	13.9	1979
4	72.7	22.6	79.7	26.5	85	29.4	1971	65.8	18.8	58	14.4	1979
5	72.4	22.4	79.2	26.2	84	28.9	1983*	65.7	18.7	60	15.6	1949
6	72.2	22.3	78.3	25.7	84	28.9	1978	66.0	18.9	58	14.4	1971
7	72.3	22.4	78.3	25.7	86	30.0	1978	66.2	19.0	55	12.8	1971
8	72.3	22.4	78.5	25.8	85	29.4	1978	66.1	18.9	55	12.8	1949
9	72.4	22.4	78.7	25.9	86	30.0	1980	66.0	18.9	55	12.8	197
10	72.7	22.6	78.7	25.9	85	29.4	1978	66.3	19.1	51	10.6	197
11	72.7	22.6	79.0	26.1	86	30.0	1978	65.9	18.8	54	12.2	1949
12	72.3	22.4	78.8	26.0	85	29.4	1980	65.8	18.8	60	15.6	197
13	72.7	22.6	79.4	26.3	85	29.4	1976	65.9	18.8	52	11.1	1949
14	72.6	22.6	79.3	26.3	85	29.4	1978	65.8	18.8	58	14.4	1949
15	72.7	22.6	79.3	26.3	84	28.9	1976	66.2	19.0	56	13.3	197
16	72.7	22.6	79.1	26.2	84	28.9	1983*	66.3	19.1	56	13.3	1983
17	72.7	22.6	79.4	26.3	84	28.9	1980*	66.0	18.9	56	13.3	1983
18	72.6	22.6	79.4	26.3	83	28.3	1983*	65.8	18.8	56	13.3	1983*
19	72.3	22.4	79.3	26.3	83	28.3	1983*	65.3	18.5	58	14.4	1969
20	71.9	22.2	79.3	26.3	85	29.4	1975	64.5	18.1	50	10.0	1969
21	72.2	22.3	79.3	26.3	84	28.9	1977*	65.2	18.4	58	14.4	196
22	71.6	22.0	78.7	25.9	84	28.9	1975	64.5	18.1	52	11.1	1969
23	71.4	21.9	78.5	25.8	85	29.4	1973	64.3	17.9	52	11.1	1969
24	72.1	22.3	78.8	26.0	85	29.4	1973	65.4	18.6	54	12.2	1969
25	71.9	22.2	79.0	26.1	85	29.4	1981	64.9	18.3	52	11.1	1946
26	71.6	22.0	79.0	26.1	84	28.9	1976*	64.2	17.9	54	12.2	1969
27	72.0	22.2	79.1	26.2	87	30.6	1976	65.0	18.3	52	11.1	1969
28	71.7	22.1	79.1	26.1	84	28.9	1981*	64.3	17.9	56	13.3	1983
29	72.4	22.4	79.4	26.3	84	28.9	1976	65.5	18.6	59	15.0	1983
30	72.3	22.4	79.1	26.1	85	29.4	1977	65.8	18.8	59	14.4	1952
31	72.0	22.2	78.9	26.1	84	28.9	1977	65.1	18.3	54	12.2	1982
Monthly	72.3	22.4	79.1	26.2	87	30.6	1976	65.6	18.7	50	10.0	1969

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

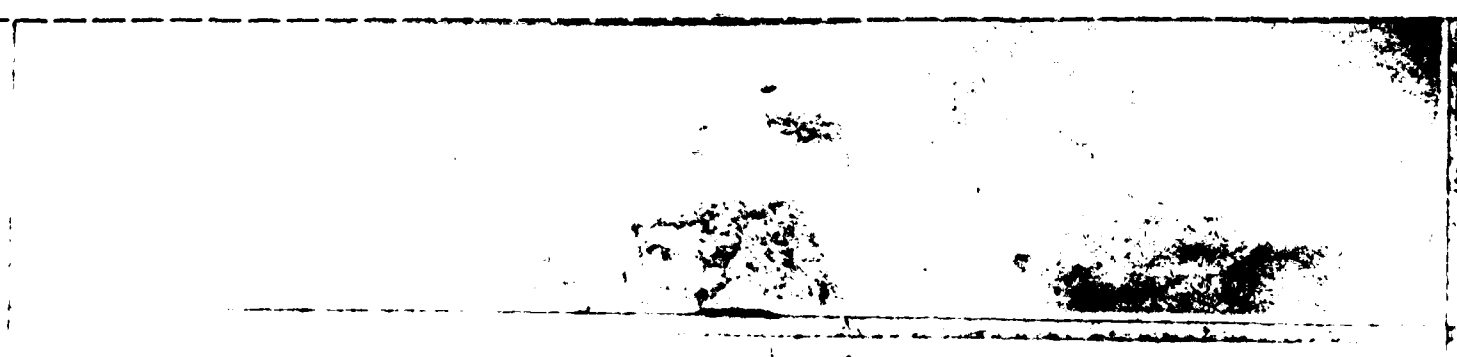
DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
[illegible]14	[illegible]ARBERS POINT, HI	1949-1983	FEBRUARY

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	[illegible]1.4	21.9	78.6	25.[illegible]	83	28.3	1977	64.3	17.9	56	13.3	1983
2	[illegible]1.8	22.1	79.2	26.[illegible]	83	28.3	1983*	64.4	18.0	52	11.1	1972
3	[illegible]1.7	22.1	79.0	26.1	85	29.4	1977	64.4	18.0	57	13.9	1983
4	[illegible]1.8	22.1	[illegible]7	25.9	85	29.4	1977	64.9	18.3	55	12.8	1982
5	[illegible]1.6	22.0	78.8	26.[illegible]	84	28.9	1983	64.5	18.1	56	13.3	1979
6	[illegible]1.7	22.1	[illegible]9	26.1	86	30.0	1964	64.5	18.1	56	13.3	1951
7	[illegible]1.7	22.1	79.1	26.2	86	30.0	1983	64.3	17.9	56	13.3	1973
8	[illegible]1.[illegible]	21.9	78.7	25.9	87	30.6	1980	64.4	18.0	55	12.8	197[illegible]
9	[illegible]2.0	22.2	78.9	26.1	87	30.6	1980	65.1	18.4	55	12.8	197[illegible]
10	[illegible]1.7	22.1	[illegible]8.4	25.9	89	31.7	1980	64.9	18.3	58	14.4	197[illegible]
11	[illegible]1.9	22.2	79.1	26.2	87	30.6	1981	64.8	18.2	57	13.9	1983
12	[illegible]2.2	22.3	79.8	26.0	8[illegible]	27.8	1980	65.7	18.7	55	12.8	1983
13	[illegible]2.1	22.3	79.5	26.4	86	30.0	1981	66.7	19.3	5[illegible]	14.4	196[illegible]
14	[illegible]2.[illegible]	22.7	79.6	26.4	89	31.7	1980	66.3	19.1	57	13.9	1973
15	[illegible]2.[illegible]	22.6	79.3	26.3	87	30.6	1980	65.8	18.8	56	13.3	1973*
16	[illegible]2.[illegible]	22.5	79.1	26.2	85	31.1	1981	65.9	18.8	61	16.1	1973
17	[illegible]2.3	22.4	79.2	26.2	88	31.1	1981	65.5	18.6	58	14.4	1970
18	[illegible]2.2	22.3	78.8	26.0	86	30.0	1981	65.7	18.7	59	15.[illegible]	1954
19	[illegible]2.1	22.3	79.2	26.2	88	31.1	1981	65.[illegible]	18.3	57	13.9	1973
20	[illegible]2.1	22.3	78.7	25.9	88	31.1	1981	65.5	18.6	58	14.4	1978
21	[illegible]2.1	22.3	79.2	26.2	89	31.7	1980	65.0	18.3	56	14.4	1975*
22	[illegible]2.4	22.4	79.1	26.2	86	30.0	1983*	65.7	18.7	55	12.8	1962
23	[illegible]2.4	22.4	78.8	26.0	88	31.1	1981	66.0	18.9	61	16.1	1983
24	[illegible]2.1	22.3	78.5	25.8	86	30.0	1981	65.7	18.7	55	12.8	1973
25	[illegible]2.4	22.4	79.2	26.2	85	29.4	1981*	65.5	18.6	59	15.0	1983
26	[illegible]2.3	22.4	79.5	26.4	86	30.0	1978*	65.0	18.3	59	15.0	1957
27	[illegible]2.5	22.5	79.2	26.2	87	30.6	1983	65.9	18.8	56	13.3	1970
28	[illegible]2.6	22.6	79.8	26.6	86	30.0	1977	65.5	18.6	56	13.3	197[illegible]
29	[illegible]2.9	22.7	79.7	26.5	82	27.8	1972	66.1	18.9	60	15.6	1976
30												
31												
Monthly	[illegible]2.1	22.3	79.[illegible]	26.1	8[illegible]	31.7	1980	65.3	18.5	52	11.1	1972

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

[illegible]	PA BERS POINT, HI	1944-1983	MARCH
STATION	STATION NAME	YEARS	MONTH

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	72.[illegible]	22.6	79.5	26.4	87	30.6	1982	65.7	18.7	58	14.4	1983
2	72.8	22.7	80.1	26.7	87	30.6	1981	65.6	18.7	57	13.9	1983
3	[illegible].7	22.6	79.5	26.4	86	30.0	1981	65.[illegible]	18.8	6[illegible]	15.6	1952
4	72.[illegible]	22.6	79.3	26.3	86	30.0	1981	65.8	18.8	6[illegible]	15.6	1979*
5	72.[illegible]	22.5	78.9	26.1	86	30.0	1981	66.0	18.9	58	14.4	1949
6	72.[illegible]	22.5	79.5	26.4	85	29.4	1981	65.6	18.7	59	15.0	1954*
7	72.8	22.7	79.7	26.5	86	30.[illegible]	1979	65.[illegible]	18.8	60	15.6	1955
8	[illegible]	22.8	79.8	26.6	87	30.6	1981	66.3	19.1	61	16.1	1972*
9	[illegible].0	22.8	80.0	26.7	86	30.0	1981*	66.0	18.9	59	15.0	1972
10	72.7	22.6	79.7	26.5	85	29.4	1971	65.7	18.7	61	16.1	1969
11	72.7	22.6	79.7	26.5	87	30.6	1981	65.[illegible]	18.8	58	14.4	1969
12	[illegible].7	22.6	79.5	26.4	85	29.4	1978*	65.8	18.8	57	13.9	1976
13	72.6	22.6	79.6	26.4	8[illegible]	29.4	1971	65.6	18.7	58	14.4	1976
14	72.[illegible]	22.5	79.2	26.2	86	30.0	1971	65.9	18.8	6[illegible]	15.6	1976
15	72.[illegible]	22.7	79.7	26.5	85	29.4	1971	66.1	18.9	59	15.0	1955
16	[illegible].8	22.7	79.8	26.6	86	30.[illegible]	1982	65.9	18.8	58	14.4	1958
17	72.8	22.7	79.7	26.5	84	28.9	1971	66.0	18.9	54	12.2	1955
18	[illegible].3	22.9	79.9	26.6	86	30.[illegible]	1979	66.7	19.3	61	16.1	1972*
19	73.[illegible]	23.1	80.6	27.0	85	29.4	1971	66.6	19.2	62	16.7	1949
20	[illegible].3	22.9	80.2	26.8	85	29.4	1983	66.3	19.1	6[illegible]	15.6	1983
21	[illegible].4	23.0	80.0	26.7	8[illegible]	29.4	1982	66.8	19.3	61	16.1	1958
22	73.4	23.0	79.9	26.6	86	30.0	1982	66.9	19.4	61	16.1	1983*
23	[illegible].1	22.8	79.8	26.4	85	29.4	1983	66.6	19.2	62	16.7	197[illegible]*
24	72.[illegible]	22.5	79.3	26.3	86	30.[illegible]	1981	65.7	18.7	57	13.9	1954
25	72.5	22.5	79.9	26.6	87	30.6	1981	65.1	18.4	57	13.9	1957*
26	73.[illegible]	22.8	80.1	26.7	87	30.6	1981	65.9	18.8	59	15.0	1955
27	73.[illegible]	23.1	[illegible].3	26.8	87	30.6	1981	66.9	19.4	57	13.9	1965
28	73.4	23.0	80.0	26.7	86	30.[illegible]	1981	66.9	19.4	61	16.1	1965
29	73.2	22.9	80.1	26.7	85	29.4	1971	66.4	19.1	60	15.6	1975*
30	73.[illegible]	22.9	80.2	26.8	85	29.4	1981*	66.5	19.2	60	15.6	1975*
31	[illegible].4	23.0	80.2	26.8	87	30.6	1983*	66.7	19.3	6[illegible]	15.6	1983
Monthly	72.[illegible]	22.7	79.8	26.6	87	30.6	1983*	66.1	18.9	54	12.2	1955

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

2314	BARBERS POINT, HI	1949-1983	APRIL
STATION	STATION NAME	YEARS	MONTH

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	74.	23.3	[illegible].4	26.9	86	30.[illegible]	1983*	67.5	19.7	62	16.7	1966
2	73.[illegible]	23.3	[illegible].4	26.9	86	30.0	1983*	67.4	19.7	63	17.2	1983
3	74.[illegible]	23.3	[illegible].4	26.9	86	30.0	1981*	67.4	19.7	62	16.7	1966
4	73.[illegible]	23.1	[illegible].4	26.[illegible]	86	30.0	1981	66.9	19.4	56	13.3	1973
5	73.7	23.2	[illegible].3	26.[illegible]	88	31.1	1981	67.[illegible]	19.4	60	15.6	1969
6	73.[illegible]	23.1	[illegible].1	26.7	86	30.0	1981	66.9	19.4	59	15.[illegible]	1973
7	73.[illegible]	23.3	[illegible].8	27.1	87	30.6	1971	66.9	19.4	54	12.2	1973
8	73.7	23.2	[illegible].2	26.[illegible]	86	30.0	1979	67.2	19.6	57	13.9	1973
9	73.9	23.2	[illegible].5	26.9	87	30.6	1981	67.0	19.4	60	15.6	1969
10	74.1	23.3	[illegible].9	27.2	87	30.6	1981	67.0	19.4	60	15.6	1982
11	74.[illegible]	23.3	[illegible].7	27.1	85	29.4	1977*	67.4	19.7	59	15.0	1982
12	74.[illegible]	23.7	[illegible].0	27.2	87	30.6	1983	68.3	20.2	64	17.8	1975
13	74.3	23.5	[illegible].9	27.2	85	29.4	1983*	67.8	19.9	63	17.2	1951
14	74.4	23.6	[illegible].1	27.3	87	30.6	1983	67.7	19.8	64	17.8	1975
15	74.1	23.3	[illegible].6	27.0	88	31.1	1961	67.4	19.7	63	17.2	1965
16	74.[illegible]	23.4	[illegible].9	27.2	86	30.0	1981	67.4	19.7	62	16.7	1965
17	74.6	23.7	[illegible].2	27.3	90	32.2	1981	67.[illegible]	19.9	62	16.7	1967
18	74.5	23.6	[illegible].9	27.2	89	31.7	1981	68.2	20.1	62	16.7	1983*
19	74.[illegible]	23.4	[illegible].7	27.1	87	30.6	1981	67.7	19.8	63	17.2	1983*
20	74.[illegible]	23.4	[illegible].9	27.2	88	31.1	1981	67.5	19.7	60	15.6	1966
21	74.3	23.5	[illegible].9	27.2	86	30.0	1981	67.7	19.8	60	15.6	1958
22	73.[illegible]	23.3	[illegible].0	27.2	88	31.1	1981	66.7	19.3	56	13.3	1958
23	74.[illegible]	23.4	[illegible].9	27.2	88	31.1	1981	67.4	19.7	62	16.7	1969
24	74.4	23.6	[illegible].7	27.1	85	29.4	1983*	68.1	20.1	62	16.7	1969
25	74.5	23.6	[illegible].9	27.2	85	29.4	1980*	68.2	20.1	62	16.7	1982*
26	74.6	23.7	[illegible].3	27.4	86	30.0	1967	67.9	19.9	64	17.8	1981*
27	75.1	23.9	[illegible].9	27.7	86	30.0	1973	68.3	20.2	63	17.2	1979
28	75.[illegible]	24.1	[illegible].6	27.6	85	29.4	1973*	68.9	20.5	63	17.2	1979
29	75.1	23.9	[illegible].5	27.5	86	30.0	1980*	68.7	20.4	65	18.3	196[illegible]
30	74.9	23.8	[illegible].5	27.5	86	30.0	1979	68.[illegible]	20.2	64	17.8	1976
31												
Monthly	74.[illegible]	23.4	[illegible].9	27.2	9[illegible]	32.2	1981	67.6	19.8	[illegible]4	12.2	1973

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
[illegible] 14	[illegible] B [illegible] P [illegible]NT, MT	[illegible]49-1963	[illegible]Y

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]4.8	23.6	[illegible]1.2	27.3	86	30.0	1979	68.4	20.2	[illegible]2	16.7	196[illegible]
2	[illegible]4.9	23.8	[illegible]1.4	27.4	86	30.0	1983*	68.1	20.1	[illegible]3	17.2	1951
3	[illegible]5.[illegible]	23.[illegible]	[illegible]1.6	27.6	89	31.[illegible]	1982	68.[illegible]	20.3	63	17.2	1951
4	[illegible]5.[illegible]	23.9	[illegible]1.6	27.6	89	31.[illegible]	1979	68.4	20.2	63	17.2	1972*
5	[illegible]4.[illegible]	23.8	[illegible]1.2	27.3	88	31.1	1979	68.5	20.3	62	16.7	1981
6	[illegible]5.1	23.9	[illegible]1.8	27.7	87	3[illegible].6	1982	68.5	20.3	63	17.2	1969
7	[illegible]5.[illegible]	23.9	[illegible]1.6	27.6	86	30.[illegible]	1982*	68.3	20.2	64	17.8	1949*
8	[illegible]5.1	23.9	[illegible]2.2	27.[illegible]	88	31.1	1983	68.1	20.1	62	16.7	1962
9	[illegible]5.1	23.9	[illegible]2.0	27.8	98	31.1	1983	68.1	20.1	63	17.2	1969
10	[illegible]5.[illegible]	24.1	[illegible]1.8	27.7	89	31.[illegible]	1983	68.7	20.4	64	17.8	1975*
11	[illegible]5.5	24.2	[illegible]2.4	28.[illegible]	88	31.1	1983	68.7	20.4	62	16.7	1[illegible]5
12	[illegible]5.5	24.2	[illegible]2.4	28.0	9[illegible]	32.2	1979	68.7	20.4	64	17.8	1983
13	[illegible]5.8	24.3	[illegible]2.4	28.[illegible]	86	30.0	1982*	69.1	20.6	65	18.3	1982*
14	[illegible]5.6	24.2	[illegible]2.2	27.9	88	31.1	1982	69.1	20.6	65	18.3	1952
15	[illegible]5.[illegible]	24.3	[illegible]2.6	28.1	[illegible]	31.1	1983	68.[illegible]	20.4	63	17.2	1982
16	[illegible]5.8	24.3	[illegible]2.5	28.1	87	30.6	1971	69.0	20.6	64	17.8	1952
17	[illegible]6.1	24.5	[illegible]2.7	28.2	88	31.1	1971	69.[illegible]5	20.8	65	18.3	1952
18	[illegible]6.[illegible]	24.5	[illegible]2.8	28.2	89	31.[illegible]	1982	69.[illegible]	20.7	65	18.3	1983*
19	[illegible]5.[illegible]	24.4	[illegible]2.4	28.[illegible]	89	31.[illegible]	1979	69.5	20.8	64	17.8	1983
20	[illegible]5.[illegible]	24.4	[illegible]2.6	28.1	87	3[illegible].6	1982	69.2	20.[illegible]7	64	17.8	196[illegible]
21	[illegible]6.1	24.5	[illegible]2.8	28.2	87	3[illegible].6	1979	69.3	20.[illegible]7	62	16.7	1969
22	[illegible]6.[illegible]	24.6	[illegible]2.7	28.[illegible]	89	31.1	1969	69.7	20.[illegible]9	65	18.3	1981
23	[illegible]6.[illegible]	24.4	[illegible]2.4	28.0	88	31.1	1968	69.6	20.[illegible]9	64	17.8	1961
24	[illegible]6.1	24.5	[illegible]2.9	28.3	89	31.[illegible]	1979	69.3	20.7	63	17.2	197[illegible]
25	[illegible]6.[illegible]	24.4	[illegible]2.7	28.2	88	31.1	1975	69.3	20.7	65	18.3	1983*
26	[illegible]6.[illegible]	24.6	[illegible]2.6	28.1	87	30.6	1983*	69.[illegible]7	20.9	64	17.8	1952
27	[illegible]6.1	24.5	[illegible]2.7	28.2	87	30.6	1979*	69.[illegible]5	20.8	63	17.2	1981
28	[illegible]6.6	24.8	[illegible]3.3	28.[illegible]5	8[illegible]	31.[illegible]	1981	70.[illegible]0	21.1	65	18.3	1983
29	[illegible]6.[illegible]	24.6	[illegible]3.0	28.3	88	31.1	1983	69.6	20.9	63	17.2	1975
30	[illegible]6.3	24.6	[illegible]3.1	28.4	88	31.1	1976	69.6	2[illegible].9	64	17.8	1975
31	[illegible]6.5	24.7	[illegible]3.4	28.6	87	3[illegible].6	1971	69.5	2[illegible].8	66	18.9	1969*
Monthly	[illegible]5.7	24.3	[illegible]2.4	28.0	9[illegible]	32.[illegible]	1979	69.0	20.[illegible]	62	16.7	1981*

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

2?14	?8 BERS POINT, HI	1949-1983	JUNE
STATION	STATION NAME	YEARS	MONTH

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	?6.4	24.7	83.5	28.6	88	31.1	1979	69.?	20.7	64	17.8	196?
2	?6.4	24.7	83.4	28.6	89	31.?	1979*	69.4	20.8	62	16.7	1982
3	?6.5	24.7	83.5	28.6	87	30.6	1979	69.4	2 .8	63	17.2	1982
4	?6.?	24.8	83.5	28.6	89	31.?	1979	69.9	21.1	66	18.9	197?
5	?6.?	24.?	83.8	28.8	9?	32.?	1983	69.9	21.1	63	17.2	196?
6	?7.?	25.1	?4.2	29.0	8?	31.?	1983*	70.?	21.2	63	17.2	196?
7	?7.?	25.2	4.1	28.9	87	30.6	1983*	70.5	21.4	66	18.9	1983
8	?7.4	25.2	?3.8	28.8	8?	31.1	1983*	70.9	21.6	68	2?.0	1983
9	?7.6	25.3	?4.3	29.1	89	31.?	1979*	70.9	21.6	6?	20.?	198?
10	?7.4	25.2	?4.1	28.9	9?	32.2	1982	70.6	21.4	6?	20.0	1977
11	?7.4	25.2	?4.1	28.9	89	31.?	1974*	7?.?	21.?	67	19.4	1976
12	?7.4	25.3	?4.4	29.1	9?	32.2	1982	7?.?	21.?	?6	18.9	1982
13	?7.?	25.2	?4.1	28.9	9?	32.2	1979	7?.5	21.4	64	17.8	196?
14	?7.6	25.3	?4.3	29.1	92	33.?	1982	7?.8	21.6	66	18.9	1976
15	?7.4	25.2	?4.1	28.9	89	31.?	1978*	7?.8	21.?	67	19.4	1983*
16	?7.?	25.4	?4.3	29.1	88	31.1	1983*	71.1	21.?	6?	2?.0	1982
17	?7.?	25.4	?4.5	29.2	8?	31.?	1978*	7?.9	21.6	66	18.9	1981
18	?7.?	25.4	?4.4	29.1	9?	32.2	1978	7?.9	21.6	67	19.4	1973
19	?7.?	25.3	?4.3	29.1	9?	32.2	1982	7?.7	21.5	61	16.1	1975
20	?7.?	25.3	?4.3	29.1	9?	32.2	1982	7?.8	21.?	6?	2?.0	1969
21	?7.?	25.3	?4.1	28.9	89	31.?	1978	7?.8	21.6	67	19.4	1983
22	?7.?	25.5	?4.6	29.2	89	31.?	1982*	71.1	21.?	68	20.0	1983*
23	?7.3	25.6	?4.9	29.4	89	31.?	1968	71.1	21.?	67	19.4	1983
24	?7.?	25.4	?4.3	29.1	89	31.?	1982*	71.1	21.?	66	18.9	1982
25	?7.?	25.5	?4.7	29.3	89	31.?	1978*	71.2	21.8	68	2?.0	1983*
26	?7.?	25.6	?4.7	29.3	91	32.?	1982	71.4	21.9	67	19.4	1983
27	?7.?	25.5	?4.4	29.1	91	32.?	1982	71.3	21.8	68	20.0	1983*
28	?7.1	25.6	?4.6	29.2	91	32.?	1982	71.6	22.0	67	19.4	1983
29	?7.?	25.5	?4.4	29.1	91	32.?	1982	71.3	21.?	65	18.3	1983
30	?7.?	25.5	?4.5	29.2	93	33.?	1982	71.?	21.?	62	16.7	1983
31												
Monthly	?7.?	25.3	?4.2	29.?	93	33.?	1982	7?.7	21.5	61	16.1	1975

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
[illegible]	SAVANNAH POINT, HI	1949-1983	JULY

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP DATE
1	77.[illegible]	25.5	84.7	29.3	91	32.[illegible]	1978	71.1	21.7	[illegible]	16.7	19[illegible]
2	77.7	25.4	84.4	29.1	91	32.[illegible]	1978	71.0	21.7	62	16.7	19[illegible]
3	77.[illegible]	25.6	84.8	29.3	91	32.[illegible]	1978	71.4	21.9	67	19.4	19[illegible]
4	77.[illegible]	25.6	84.7	29.3	92	33.[illegible]	1978	71.4	21.9	67	19.4	1981
5	77.[illegible]	25.7	84.8	29.3	91	32.[illegible]	1982*	71.6	22.0	67	19.4	19[illegible]
6	77.[illegible]	25.8	85.[illegible]	29.4	91	32.[illegible]	1978	71.6	22.1	65	20.0	1983
7	77.[illegible]	25.8	84.9	29.4	91	32.[illegible]	1982	71.9	22.2	65	18.3	19[illegible]
8	77.[illegible]	25.7	84.8	29.3	91	32.[illegible]	1982*	71.6	22.1	67	19.4	19[illegible]
9	77.[illegible]	25.7	85.2	29.6	90	32.2	1982*	71.2	21.8	64	17.8	19[illegible]
10	77.[illegible]	25.8	85.1	29.5	91	32.[illegible]	1982*	71.7	22.1	69	2[illegible].6	1979
11	77.[illegible]	25.7	84.7	29.3	90	32.2	1982*	71.8	22.1	66	18.9	1974
12	77.[illegible]	25.9	85.1	29.5	91	32.[illegible]	1982*	72.2	22.3	69	2[illegible].6	1976
13	77.[illegible]	26.0	85.[illegible]	29.4	91	32.[illegible]	1979	72.6	22.6	69	20.6	19[illegible]
14	77.[illegible]	25.9	85.[illegible]	29.4	9[illegible]	32.2	1978*	72.2	22.3	67	19.4	1976
15	77.[illegible]	25.9	85.[illegible]	29.4	9[illegible]	32.2	1978*	72.4	22.4	6[illegible]	20.0	1969
16	77.[illegible]	25.8	84.8	29.3	91	32.[illegible]	1979	72.1	22.3	6[illegible]	20.0	1976
17	77.[illegible]	25.9	85.1	29.5	94	34.4	1982	72.1	22.3	69	2[illegible].[illegible]	1981
18	77.7	25.9	85.2	29.6	91	32.[illegible]	1982	72.3	22.4	6[illegible]	2[illegible].0	1974
19	77.7	25.9	85.3	29.6	91	32.[illegible]	1978	72.1	22.3	69	2[illegible].0	1971
20	77.[illegible]	25.9	85.2	29.6	91	32.[illegible]	1978	71.9	22.2	64	17.8	1974
21	77.7	25.9	85.0	29.4	91	32.[illegible]	1982	72.9	22.5	66	18.9	1974
22	77.9	26.1	85.4	29.7	92	33.3	1982*	72.4	22.4	6[illegible]	2[illegible].0	1955
23	77.8	26.0	85.3	29.6	91	32.[illegible]	1978	72.3	22.4	67	19.4	1977
24	77.9	26.1	85.3	29.6	9[illegible]	32.2	1982*	72.4	22.4	6[illegible]	20.0	1977
25	77.[illegible]	26.1	85.4	29.7	91	32.[illegible]	1982	72.6	22.6	69	20.6	1977
26	77.[illegible]	26.1	85.3	29.6	92	33.3	1982	72.7	22.6	69	20.6	1977
27	77.[illegible]	26.1	85.6	29.8	92	33.3	1982	72.5	22.5	68	2[illegible].0	1976
28	77.[illegible]	26.0	85.2	29.6	93	33.[illegible]	1982	72.5	22.5	68	2[illegible].0	1976
29	77.[illegible]	25.9	85.0	29.4	91	32.[illegible]	1979	72.2	22.3	67	19.4	1974
30	77.[illegible]	26.1	85.5	29.7	93	33.[illegible]	1982	72.4	22.4	67	19.4	1974
31	77.[illegible]	25.1	85.3	29.6	93	33.[illegible]	1982	72.7	22.6	67	19.4	1976
Monthly	77.[illegible]	25.9	85.1	29.5	94	34.4	1982	72.1	22.3	62	16.7	1983

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

2114	CAPE HATTERAS, NC	1949-1983	AUGUST
STATION	STATION NAME	YEARS	MONTH

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	7[illegible].8	2[illegible].0	[illegible]5.2	29.6	92	33.3	1982	72.4	22.4	6[illegible]	2[illegible].6	1976*
2	7[illegible].8	2[illegible].0	[illegible]5.1	29.5	92	33.3	1982	72.5	22.5	68	20.6	1978
3	7[illegible].9	26.1	[illegible]5.4	29.7	92	33.3	1982	72.4	22.4	67	19.4	1978
4	7[illegible].9	26.1	[illegible]5.3	29.6	91	32.[illegible]	1982	72.[illegible]	22.5	68	2[illegible].0	1972
5	7[illegible].1	26.2	[illegible]5.6	29.8	91	32.[illegible]	1982	72.5	22.5	69	2[illegible].0	1974
6	7[illegible].9	26.1	[illegible]5.2	29.6	93	[illegible]3.9	1982	72.5	22.5	68	20.0	1974
7	7[illegible].[illegible]	26.2	[illegible]5.8	29.9	92	33.3	1982	72.6	22.6	69	20.6	1974
8	7[illegible].7	25.9	[illegible]5.3	29.6	91	32.[illegible]	1982	72.[illegible]	22.2	61	1[illegible]	1973
9	7[illegible].7	25.9	[illegible]5.3	29.6	91	32.[illegible]	1982	72.1	22.3	6[illegible]	2[illegible].0	1980
10	7[illegible].1	26.2	[illegible]5.9	29.9	92	33.3	1982	72.3	22.4	67	19.4	1978
11	7[illegible].[illegible]	26.3	86.0	30.0	93	33.[illegible]	1982	72.6	22.6	68	2[illegible].0	197[illegible]
12	7[illegible].8	25.6	86.0	30.0	92	33.3	1982	73.5	23.1	69	20.6	1978
13	7[illegible].[illegible]	26.3	[illegible]5.8	29.9	92	33.3	1982	73.[illegible]	22.8	7[illegible]	21.1	1978
14	7[illegible].[illegible]	26.3	[illegible]5.7	29.[illegible]	91	32.[illegible]	1980*	73.1	22.8	71	21.7	1978
15	7[illegible].[illegible]	26.2	[illegible]5.5	29.7	91	32.[illegible]	1979*	72.9	22.7	70	21.1	1981
16	7[illegible].1	26.2	[illegible]5.5	29.7	92	33.3	1977	72.7	22.6	68	20.0	1974
17	7[illegible].[illegible]	26.3	[illegible]5.5	29.7	89	31.[illegible]	1979*	73.3	22.[illegible]	69	20.6	1965
18	7[illegible].[illegible]	26.4	[illegible]5.7	29.8	89	31.[illegible]	1982*	73.3	22.9	69	20.6	1978
19	7[illegible].[illegible]	26.2	[illegible]5.5	29.7	92	33.3	1982	72.9	22.7	69	20.[illegible]	1955
20	7[illegible].[illegible]	26.2	[illegible]5.8	29.9	92	33.3	1982	72.6	22.6	69	2[illegible].6	1949
21	7[illegible].1	26.2	[illegible]5.7	29.8	91	32.[illegible]	1982*	72.5	22.5	69	2[illegible].0	1980
22	7[illegible].8	26.0	[illegible]5.6	29.8	91	32.[illegible]	1979	72.[illegible]	22.2	66	18.9	1969
23	7[illegible].1	26.2	[illegible]5.9	29.[illegible]	91	32.[illegible]	1982*	72.3	22.4	65	18.3	1969
24	7[illegible].[illegible]	26.3	[illegible]5.7	29.8	91	32.[illegible]	1982*	73.0	22.8	69	2[illegible].0	1969
25	7[illegible].[illegible]	26.2	[illegible]5.4	29.7	9[illegible]	32.2	1982*	73.0	22.8	67	19.4	1969
26	7[illegible].1	26.2	[illegible]5.5	29.7	91	32.[illegible]	1982	72.7	22.6	68	20.0	1974
27	7[illegible].[illegible]	26.1	[illegible]5.7	29.8	91	32.[illegible]	1982	72.4	22.4	69	20.6	1978*
28	7[illegible].1	26.2	[illegible]5.6	29.8	91	32.[illegible]	1982	72.5	22.5	69	20.6	1974
29	7[illegible].9	26.1	[illegible]5.6	29.8	91	32.[illegible]	1982*	72.2	22.3	68	2[illegible].0	1978
30	7[illegible].[illegible]	26.1	[illegible]5.4	29.7	91	32.[illegible]	1982	72.5	22.5	69	2[illegible].0	1969
31	7[illegible].[illegible]	26.2	85.7	29.8	9[illegible]	34.4	1979	72.7	22.6	69	2[illegible].0	1969
Monthly	[illegible].1	2[illegible].2	[illegible].6	29.	9[illegible]	34.4	1979	72.6	22.6	[illegible]1	16.1	1973

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
[illegible]14	[illegible] BIRD POINT, MI	1949-1983	[illegible]TEMBER

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	[illegible].7	26.3	[illegible]5.8	29.9	91	32.[illegible]	1979*	72.7	22.6	67	19.4	197[illegible]
2	[illegible].4	26.3	[illegible]5.9	29.9	92	33.3	1982	72.9	22.7	69	20.6	1969
3	[illegible].[illegible]	26.4	[illegible]6.1	30.1	92	33.3	1982	73.[illegible]	22.8	6[illegible]	2[illegible].0	1966
4	[illegible].[illegible]	26.3	[illegible]6.0	30.0	91	32.[illegible]	1982*	72.6	22.6	6[illegible]	2[illegible].0	1969
5	[illegible].[illegible]	26.2	[illegible]6.0	30.0	91	32.2	1979*	72.4	22.4	67	19.4	1966
6	[illegible].[illegible]	26.1	[illegible]6.[illegible]	30.0	93	33.[illegible]	1979	71.9	22.2	66	18.9	1982*
7	[illegible].[illegible]	26.2	[illegible]6.1	30.1	92	33.3	1979*	72.2	22.3	63	17.2	1969
8	[illegible].1	26.2	[illegible]5.9	29.9	92	33.3	1979*	72.3	22.4	67	19.4	1955
9	[illegible].[illegible]	26.2	[illegible]5.6	29.8	91	32.[illegible]	1982	72.5	22.5	69	20.6	1975
10	[illegible].[illegible]	26.3	[illegible]6.2	30.1	92	32.2	1982*	72.5	22.5	70	21.1	196[illegible]
11	[illegible].[illegible]	26.3	[illegible]6.1	30.1	92	32.2	1982*	72.7	22.6	70	21.1	197[illegible]
12	[illegible].3	26.1	[illegible]5.7	29.8	92	33.3	1979	72.2	22.3	67	19.4	1975
13	[illegible].[illegible]	26.2	[illegible]6.1	30.1	92	33.3	1979*	72.3	22.4	6[illegible]	20.0	1951
14	[illegible].[illegible]	26.2	[illegible]6.1	30.1	92	33.3	1974	72.3	22.4	69	20.6	1949
15	[illegible].[illegible]	26.2	[illegible]6.1	30.1	92	33.3	1982	72.4	22.4	6[illegible]	20.0	1957
16	[illegible].[illegible]	26.1	[illegible]5.8	29.9	91	32.[illegible]	1982	72.3	22.4	68	20.0	1957
17	[illegible].9	26.1	[illegible]5.4	29.7	92	[illegible]3.3	1982	72.4	22.4	6[illegible]	20.0	1982
18	[illegible].[illegible]	26.2	[illegible]6.1	30.1	92	33.3	1982	72.2	22.3	6[illegible]	20.0	1975
19	[illegible].1	26.2	[illegible]6.[illegible]	30.0	91	32.[illegible]	1982*	72.2	22.3	69	20.6	1951
20	[illegible].9	26.1	[illegible]6.[illegible]	30.0	92	33.3	1979	71.8	22.1	6[illegible]	[illegible]0.0	1975
21	[illegible].1	26.2	[illegible]6.1	30.1	91	32.[illegible]	1982*	72.[illegible]	22.2	6[illegible]	2[illegible].0	1975
22	[illegible].[illegible]	2[illegible].2	[illegible]6.2	30.1	91	32.[illegible]	1982*	72.2	22.3	6[illegible]	2[illegible].0	1982
23	[illegible].1	26.2	5.8	29.9	93	33.[illegible]	1979	72.3	22.4	6[illegible]	2[illegible].0	1969
24	[illegible].[illegible]	26.3	[illegible]6.0	30.0	91	32.[illegible]	1974	72.8	22.7	67	19.4	1955
25	[illegible].[illegible]	26.1	[illegible]6.[illegible]	30.0	91	32.[illegible]	1979	72.1	22.3	68	[illegible].0	1978
26	[illegible].1	26.2	[illegible]6.1	30.1	92	33.3	1979	72.1	22.3	6[illegible]	20.0	1969*
27	[illegible].8	26.[illegible]	[illegible]5.7	29.8	91	32.[illegible]	1979	71.9	22.2	6[illegible]	19.4	1977*
28	[illegible].7	25.9	[illegible]5.5	29.7	91	32.[illegible]	1982	71.9	22.2	5[illegible]	20.0	1978
29	[illegible].[illegible]	26.1	[illegible]5.7	29.8	92	33.3	1982	72.2	22.3	66	18.9	1968
30	[illegible].7	25.9	[illegible]5.3	29.6	91	32.[illegible]	1982	72.1	22.3	6[illegible]	2[illegible].0	1968
31												
Monthly	[illegible].1	2[illegible].2	[illegible]5.9	29.9	93	33.[illegible]	1979	72.3	22.4	63	17.2	1969

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

2114	CAPE HATTERAS, NC	1949-1983	OCTOBER
STATION	STATION NAME	YEARS	MONTH

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	77.0	25.0	84.9	29.4	91	32.8	1973	73.3	22.4	66	18.9	1979
2	77.7	25.9	85.4	29.7	90	32.2	1973*	72.0	22.2	66	18.9	1980
3	77.9	26.1	85.5	29.7	93	33.9	1979	72.2	22.3	65	18.3	1969
4	79.1	26.2	86.1	30.1	92	33.3	1979	72.2	22.3	66	18.9	1969
5	77.7	25.9	85.5	29.7	90	32.2	1975*	71.9	22.2	64	17.8	1969
6	78.4	25.8	85.3	29.6	91	32.8	1977	71.4	21.9	65	18.3	1969
7	77.7	25.9	85.2	29.6	90	32.2	1982*	72.1	22.3	69	20.6	1978
8	78.8	25.7	84.7	29.3	89	31.7	1979	71.9	22.2	65	18.3	1969
9	77.9	25.8	84.9	29.4	91	32.8	1982	72.0	22.2	66	18.9	1975
10	77.9	25.8	84.9	29.4	90	32.2	1982	71.9	22.2	67	19.4	1979
11	78.1	25.6	84.7	29.3	93	33.9	1975	71.6	22.0	66	18.9	1965
12	78.1	25.6	84.9	29.4	90	32.2	1979	71.3	21.8	67	19.4	1962
13	78.0	25.6	84.6	29.2	90	32.2	1982	71.4	21.9	64	17.8	1962
14	78.1	25.6	84.9	29.4	93	33.9	1979	71.3	21.8	67	19.4	1973
15	77.9	25.5	85.2	29.6	92	33.3	1979	71.5	21.9	67	19.4	1965
16	77.8	25.4	84.4	29.1	92	33.3	1979	71.3	21.8	66	18.9	1969
17	77.6	25.3	84.4	29.1	89	31.7	1982*	71.6	22.0	64	17.8	1978
18	78.1	25.6	84.7	29.3	90	32.2	1979*	71.5	21.9	65	18.3	1976
19	78.1	25.6	84.6	29.2	90	32.2	1979	71.6	22.0	66	18.9	1976
20	77.9	25.5	84.3	29.1	91	32.8	1979	71.4	21.9	66	18.9	1952
21	77.9	25.5	84.6	29.2	91	32.8	1979	71.2	21.8	65	18.3	1955
22	77.9	25.5	84.3	29.1	89	31.7	1974	71.6	22.0	66	18.9	1955
23	77.8	25.4	84.5	29.2	89	31.7	1982*	71.2	21.8	63	17.2	1969
24	77.7	25.4	84.5	29.2	89	31.7	1979	70.9	21.6	63	17.2	1969
25	77.8	25.3	84.3	29.1	90	32.2	1979	70.7	21.5	63	17.2	1968
26	77.5	25.3	84.0	28.9	89	31.7	1979	70.9	21.6	61	16.1	1968
27	76.9	24.9	83.6	28.7	88	31.1	1979	70.2	21.2	63	17.2	1968
28	77.0	25.0	83.6	28.7	87	30.6	1980*	70.4	21.3	64	17.8	1954
29	76.9	24.9	83.2	28.4	89	31.1	1979	70.6	21.4	66	18.9	1954
30	76.9	24.9	83.3	28.5	90	32.2	1979	70.5	21.4	66	18.9	1966
31	76.7	24.8	83.1	28.4	89	31.7	1968	70.4	21.3	65	18.3	1975
Monthly	77.8	25.6	84.6	29.2	93	33.9	1979	71.4	21.9	61	16.1	1968

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

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

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

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

[illegible]	[illegible]	1948-1983	DECEMBER
STATION	STATION NAME	YEARS	MONTH

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	[illegible]	23.8	[illegible]1.1	27.3	9[illegible]	32.2	1979	68.7	2[illegible].4	61	16.1	1972
2	[illegible].1	23.9	[illegible]1.1	27.3	87	30.6	1966*	69.1	2[illegible].5	62	16.7	1976*
3	[illegible].7	23.7	[illegible]1.0	27.2	88	31.1	1975	68.3	2[illegible].2	62	16.7	1976*
4	[illegible].8	23.7	[illegible]1.2	27.3	87	30.6	1980*	69.[illegible]	20.0	62	16.7	1976*
5	[illegible].1	23.4	[illegible]0.8	27.1	86	30.0	1980*	67.4	19.7	61	16.1	1956
6	[illegible].[illegible]	23.3	[illegible].4	26.9	87	30.6	1975	67.3	19.6	62	16.7	1968*
7	[illegible].[illegible]	23.3	[illegible].2	26.8	88	31.1	1975	67.7	19.8	58	14.4	1982
8	[illegible].[illegible]	23.3	[illegible].4	26.9	88	31.1	1969	67.[illegible]	19.8	59	14.4	1982
9	[illegible].9	23.8	[illegible]0.9	27.2	86	30.0	1980*	68.[illegible]	20.0	62	16.7	1982
10	[illegible].3	23.2	[illegible].1	26.7	88	31.1	1983	67.4	19.7	56	13.3	1972
11	[illegible].9	23.2	[illegible].5	26.9	86	30.0	1983*	67.1	19.5	53	11.7	1972
12	[illegible].[illegible]	23.3	[illegible]0.1	26.7	86	30.0	1983*	67.8	19.9	57	13.9	1972
13	[illegible].[illegible]	23.4	[illegible]0.2	26.8	88	31.1	1977	69.1	20.1	58	14.4	1972
14	[illegible].[illegible]	23.3	[illegible]0.9	26.6	88	31.1	1977	68.[illegible]	20.0	63	17.2	1972*
15	[illegible].[illegible]	23.3	[illegible]0.6	27.0	87	30.6	1977	67.5	19.7	62	16.7	1969
16	[illegible].4	23.[illegible]	[illegible]9.9	26.6	86	30.0	1979	66.8	19.3	61	16.1	1969
17	[illegible].2	22.9	79.4	26.3	86	30.0	1979	67.0	19.4	57	13.9	198[illegible]*
18	[illegible]	22.8	79.2	26.2	85	29.4	1981	66.9	19.4	57	13.9	1983*
19	[illegible].[illegible]	22.7	79.4	26.3	87	30.6	1979	66.4	19.1	60	15.6	1972
20	[illegible].6	22.6	79.4	26.3	85	29.4	1979	65.9	18.8	57	13.9	1969*
21	[illegible].9	22.7	79.8	26.6	89	31.7	1979	65.9	18.8	56	13.3	1969
22	[illegible].[illegible]	23.1	[illegible]0.2	26.8	88	31.1	1979	66.9	19.4	55	12.8	1969
23	[illegible].4	23.0	[illegible]0.0	26.7	84	30.0	1979	66.7	19.3	55	12.8	1983
24	[illegible].[illegible]	23.3	[illegible]0.6	27.0	85	29.4	1974	67.5	19.7	60	15.6	1978*
25	[illegible].2	22.9	79.[illegible]	26.6	83	28.3	1980*	66.5	19.2	6[illegible]	15.6	1968
26	[illegible].[illegible]	23.1	[illegible]0.1	26.7	85	29.4	1979	67.1	19.5	57	13.9	1968
27	[illegible].7	23.2	[illegible].3	26.8	84	28.9	1983*	67.1	19.5	59	15.0	1965
28	[illegible].2	22.9	79.6	26.4	85	29.4	1977	66.8	19.3	60	15.6	1968*
29	[illegible].1	22.8	79.9	26.6	84	28.9	1981*	66.3	19.1	59	14.4	1953
30	72.[illegible]	22.7	79.7	26.5	8[illegible]	29.4	198[illegible]	66.1	18.9	56	13.3	1968
31	[illegible].1	22.8	[illegible]0.1	26.7	85	29.4	1979	66.1	18.9	59	15.0	1978
Monthly	[illegible].[illegible]	23.2	[illegible]0.2	26.[illegible]	9[illegible]	32.2	1979	67.2	19.6	53	11.7	1972

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

[illegible] TEMPERATURE
(FROM DAILY OBSERVATIONS)

2 [illegible] 4 — [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]		81	82	81	83	85	86	86		85	84	82	
[illegible]	82	82	82	82	84	85	86	87	86	87		81	
[illegible]	82	[illegible]	84	83	85	87	88	89	9	88	8[illegible]	82	
[illegible]	84	83	84	81	84	84	85	87	85	85	84	81	7
3	83	82	81	83	84	84		87	8[illegible]	85	82	82	
4	81	82	82	84	82	85	85	87	87	85	83	81	7
5	82	[illegible]	82	81	81	82	83	85	85	83	85	8[illegible]	[illegible]
[illegible]	83	[illegible]	81	83	83	83	85	86	8[illegible]	85	84	84	[illegible]
[illegible]	83	7[illegible]	81	83	84	85	87	87	87	[illegible]	8[illegible]	84	[illegible]
[illegible]	81	82	[illegible]	82	83	84	[illegible]	88	88	86	87	83	[illegible]
[illegible]	82	82	82	84	83	85	86	86	86	87	8[illegible]	8[illegible]	[illegible]
[illegible]	82	81	81	81	84	87	86	87	86	88	84	8[illegible]	[illegible]
1	[illegible]	83	83	84	85	87	88	86	87	8[illegible]	84	83	88
2	[illegible]	81	83	84	85	83	86	88	86	87	84	82	8
3	[illegible]	[illegible]	83	84	84	84	[illegible]	86	85	8[illegible]	[illegible]	87	[illegible]
[illegible]	82	86	82	83	85	8[illegible]	85	87	87	86	8[illegible]	8[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	81	83	86	85	88	86	89	8[illegible]	[illegible]	91	8[illegible]
6	[illegible]	82	[illegible]	82	85	86	86	86	88	87	8[illegible]	87	[illegible]
[illegible]	82	[illegible]	4	86	87	87	88	89	89	88	84	83	87
[illegible]	[illegible]	83	84	85	88	90	[illegible]	[illegible]	91	90	85	84	91
[illegible]	[illegible]	83	85	89	88	88	89	9[illegible]	87	87	8[illegible]	88	[illegible]
[illegible]	[illegible]	82	83	85	86	86		91	89	91	87	[illegible]	
[illegible]	[illegible]	83	[illegible]	87	88	87	89	[illegible]	[illegible]	88	88	86	[illegible]
[illegible]	[illegible]	82	83	85	84	89	89	[illegible]	[illegible]	90	[illegible]	84	[illegible]
[illegible]	[illegible]	83	[illegible]	86	85	87	[illegible]	[illegible]	91		[illegible]	[illegible]	
[illegible]	84	84	87	85	85	89	[illegible]	[illegible]	92	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	82	[illegible]	86	88	88	[illegible]	[illegible]	89	[illegible]	[illegible]	88	[illegible]
16	[illegible]	82	83	85	88	86	[illegible]	[illegible]	90	[illegible]	[illegible]	[illegible]	[illegible]
17	[illegible]	86	85	86	86	88	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	87	86	83	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	83	[illegible]
MEAN													
S.D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

[illegible] 14 STATION | [illegible] STATION NAME | [illegible] YEARS

IN DEGREES FAHRENHEIT

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ALL MONTHS
[illegible]	[illegible]	[illegible]	[illegible]	86	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	36	89		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
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]	[illegible]
MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	86.5	87.8	88.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
S.D.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL OBS.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

(FROM DAILY OBSERVATIONS)

STATION | STATION NAME | YEARS

DEGREES FAHRENHEIT
(FOR YEARS OF 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

MINIM M TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION	STATION NAME	YEARS
[illegible]	BA [illegible] RS P [illegible] T, HI	4 [illegible]

[illegible] LE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]		[illegible]	58	63	[illegible]	[illegible]	68	69		[illegible]	[illegible]	[illegible]	
[illegible]	62	63	62	64	66	67	69	[illegible]	67	[illegible]		[illegible]	
1	[illegible]	[illegible]	58	63	65	66	69	[illegible]	[illegible]	68	[illegible]	61	[illegible]
2	[illegible]	[illegible]	[illegible]	[illegible]	63	67	69	[illegible]	68	67	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	61	[illegible]	63	65	[illegible]		[illegible]	70	67	65	[illegible]	
4	[illegible]	[illegible]	57	64	65	[illegible]	70	72	70	[illegible]	66	61	[illegible]
5	62	61	[illegible]	65	67	67	68	[illegible]	67	65	64	64	[illegible]
[illegible]	62	[illegible]	63	63	67	69	69	72	69	68	[illegible]	61	[illegible]
[illegible]	63	[illegible]	57	64	64	67	[illegible]	[illegible]	68	69	69	[illegible]	[illegible]
[illegible]	61	[illegible]	58	56	66	[illegible]	[illegible]	71	69	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	59	[illegible]	[illegible]	63	66	68	69	[illegible]	72	66	66	64	[illegible]
	[illegible]	[illegible]	[illegible]	65	66	[illegible]	70	72	[illegible]	67	[illegible]	64	[illegible]
1	61	63	64	64	68	71	[illegible]	[illegible]	70	67	55	65	[illegible]
[illegible]	64	55	63	65	66	[illegible]	69	71	68	[illegible]	[illegible]	57	[illegible]
3	[illegible]	62	[illegible]	66	66	68	[illegible]	71	[illegible]	66	[illegible]	62	[illegible]
[illegible]	[illegible]	[illegible]	61	66	65	[illegible]	70	70	71	68	65	64	[illegible]
[illegible]	62	[illegible]	57	62	66	[illegible]	70	[illegible]	69	65	65	64	[illegible]
6	[illegible]	[illegible]	61	[illegible]	66	[illegible]	70	[illegible]	71	66	[illegible]	65	[illegible]
[illegible]	61	[illegible]	63	62	68	67	72	72	71	[illegible]	69	[illegible]	[illegible]
[illegible]	61	[illegible]	63	64	67	64	66	70	66	61	64	56	[illegible]
[illegible]	[illegible]	[illegible]	58	[illegible]	62	63	70	65	63	63	63	55	[illegible]
70	[illegible]	[illegible]	[illegible]	62	63	66		[illegible]	67	67	57	[illegible]	
[illegible]	55	64	65	67	66	67	68	[illegible]	70	66	[illegible]	[illegible]	[illegible]
[illegible]	57	52	59	64	65	66	70	[illegible]	68	68	57	53	[illegible]
[illegible]	[illegible]	55	64	54	66	67	72	61	71		67	[illegible]	
[illegible]	64	63	[illegible]	64	67	68	64	67	69	68	[illegible]	[illegible]	[illegible]
[illegible]	58	58	60	60	62	61	69	68	67	65	66	58	[illegible]
[illegible]	62	59	57	[illegible]	67	66	67	69	69	65	[illegible]	61	[illegible]
77	[illegible]	61	63	65	64	66	67	69	67	67	64	63	[illegible]
[illegible]	59	58	61	62	66	67	69	67	68	64	63	59	[illegible]
MEAN													
S.D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

2 14 STATION | [illegible] POINT, HI STATION NAME | 4 - 3 YEARS

WHOLE DEGREES FAHRENHEIT

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]	57	61	59	63	66	68	69	[illegible]	72	69	[illegible]	64	[illegible]
0	53	6[illegible]	[illegible]2	64	66	67		67	66	66	[illegible]	57	
1	5[illegible]	5[illegible]	[illegible]1	62	[illegible]2	66	67	[illegible]	71	69	[illegible]8	[illegible]3	[illegible]
[illegible]	[illegible]4	55	59	[illegible]9	[illegible]	62	69	71	[illegible]6	65	64	[illegible]2	[illegible]6
MEAN	[illegible]0.[illegible]	79.3	[illegible]0.4	62.8	65.3	67.1	[illegible]9.[illegible]	69.4	[illegible]0.8	66.3	[illegible]4.5	[illegible]0.6	[illegible]7.1
S.D.	[illegible].0[illegible]	[illegible].04[illegible]	2.570	2.672	1.67[illegible]	2.157	1.643	2.159	1.960	1.944	2.[illegible]16	3.[illegible]37	2.6[illegible]5
TOTAL OBS.	1 [illegible]3	[illegible]6	1054	1020	1054	1020	961	1054	990	1023	[illegible]90	1054	12[illegible]3

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

[illegible] 16 STATION | [illegible] POINT, HI STATION NAME | 4[illegible] YEARS

WHOLE DEGREES FAHRENHEIT
(BASED ON LESS THAN FULL MONTHS)

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
									5[illegible]				MIN TEMP [illegible]
											4[illegible] 2[illegible]		MIN TEMP [illegible]
[illegible]							[illegible] [illegible]						MIN TEMP [illegible]
							[illegible] 1[illegible]						MIN TEMP [illegible]
										6[illegible] 2[illegible]			MIN TEMP [illegible]
MEAN													
S. D.													
TOTAL OBS.													

SMOS

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS (L.S.T.)

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

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

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

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

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS . S.T.

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

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

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

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

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

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

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

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

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

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

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

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

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

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

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

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

Element (X)	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)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
									[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]		
[illegible]							[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]		
						[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]		
					[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]		
				[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]		
				[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]		
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]										[illegible]	[illegible]		
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]												[illegible]	[illegible]	[illegible]	
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]												[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]													[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]													[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]														4	44	66	[illegible]
[illegible]			[illegible]																[illegible]	367	487
																				[illegible]	[illegible]
[illegible]																				[illegible]	1
[illegible]																					[illegible]
			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]		[illegible]
																		[illegible]		[illegible]	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	669.7	[illegible]		[illegible]
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	201.[illegible]			[illegible]
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	38.7			[illegible]

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

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
[illegible]	[illegible]	[illegible]	[illegible]

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

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

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	189.6		[illegible]
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]			[illegible]
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]			[illegible]

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

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												

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH

HOURS (L.S.T.)

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

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	6275.1	[illegible]	.6	[illegible]
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	958.6	.4		[illegible]
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	216.3	.3		8767.2

NAVWEASERVCOM

MEANS AND STANDARD DEVIATIONS

HRLY HOURLY TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

14 PA[illegible]RT P INT, MI 73-92

STATION STATION NAME YEARS

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
	MEAN	[illegible]	68.4	6[illegible]	69.8	7[illegible]	72.6	74.2	74.5	74.6	73.7	71.4	70.2	71.[illegible]
	S. D.	4.2[illegible]	4.19[illegible]	3.19	2.62[illegible]	2.169	2.237	2.463	2.243	2.22[illegible]	2.74[illegible]	2.[illegible]44	3.6[illegible]1	3.741
	TOTAL OBS	3[illegible]	[illegible]62	310	3[illegible]0	310	[illegible]0	31[illegible]	310	3[illegible]	[illegible]10	300	[illegible]10	3[illegible].
	MEAN	[illegible].[illegible]	67.6	68.1	69.9	69.9	71.7	73.3	73.6	73.6	72.9	7[illegible].7	69.[illegible]	7[illegible].7
	S. D.	4.441	4.272	3.353	2.927	2.391	2.444	2.[illegible]12	2.[illegible]40	2.376	2.973	3.039	3.9[illegible]	3.[illegible]50
	TOTAL OBS	3[illegible]	[illegible]62	31[illegible]	3[illegible]0	31[illegible]	[illegible]00	[illegible]10	31[illegible]	3[illegible]0	310	300	3[illegible]	36[illegible]
	MEAN	[illegible].[illegible]	69.4	71.[illegible]	74.4	76.9	79.1	79.8	79.8	[illegible].3	78.4	74.4	71.[illegible]	75.[illegible]
	S. D.	[illegible].[illegible]95	3.[illegible]82	2.955	2.[illegible]80	2.406	2.412	2.403	2.222	1.833	2.504	2.914	3.617	4.897
	TOTAL OBS	3[illegible]	[illegible]62	31	3[illegible]0	31[illegible]	300	[illegible]10	310	3[illegible]0	310	300	310	3651
	MEAN	[illegible].[illegible]	73.1	7[illegible].9	79.9	[illegible]1.3	83.1	[illegible]4.5	[illegible]4.6	85.7	[illegible]4.1	[illegible]1.6	7[illegible].3	[illegible]1.7
1	S. D.	[illegible].[illegible]93	3.[illegible]74	2.732	2.843	2.544	2.461	2.511	2.363	2.159	2.871	[illegible].06	3.274	3.[illegible]14
	TOTAL OBS	3[illegible]	[illegible]62	310	3[illegible]0	310	300	310	310	3[illegible]0	310	300	[illegible]10	3[illegible]1
	MEAN	[illegible].[illegible]1	79.9	79.[illegible]	[illegible]0.7	[illegible]1.[illegible]	[illegible]4.0	[illegible]5.7	[illegible]5.8	[illegible]6.1	[illegible]4.4	[illegible]1.6	[illegible].[illegible]3	[illegible]2.4
	S. D.	[illegible].[illegible]89	3.[illegible]72	2.912	2.[illegible]62	2.456	2.582	2.67[illegible]	2.[illegible]82	2.46[illegible]	3.059	[illegible].015	3.346	3.[illegible].
	TOTAL OBS	31[illegible]	[illegible].[illegible]2	31[illegible]	3[illegible]0	31[illegible]	3[illegible]0	310	310	3[illegible]0	310	300	3[illegible]	36[illegible]
	MEAN	[illegible].[illegible]	77.1	77.[illegible]	78.4	[illegible].[illegible]	[illegible]2.3	[illegible]3.7	83.7	83.9	81.9	[illegible]9.9	77.7	[illegible]0.[illegible]
	S. D.	2.9[illegible]5	3.6[illegible]8	2.9[illegible]9	2.722	2.246	2.398	2.259	2.237	2.[illegible]16	2.525	2.565	3.169	3.748
	TOTAL OBS	31[illegible]	[illegible].[illegible]2	310	2[illegible]9	31[illegible]	3[illegible]0	31[illegible]	31[illegible]	3[illegible]0	31[illegible]	300	3[illegible]9	36[illegible]
	MEAN	[illegible]2.4	[illegible]2.2	[illegible]2.1	[illegible]2.8	[illegible]4.[illegible]	76.5	77.7	77.9	[illegible]5.3	[illegible]6.8	[illegible]4.4	[illegible]3.[illegible]	[illegible]4.[illegible]
	S. D.	[illegible].3[illegible]2	3.5[illegible]4	2.706	2.3[illegible]3	1.859	1.883	1.7[illegible]0	2.060	1.895	2.477	2.343	3.324	3.4[illegible]6
	TOTAL OBS	31[illegible]	[illegible].[illegible]2	310	[illegible]00	310	300	31[illegible]	[illegible]10	3[illegible]0	310	3[illegible]0	[illegible][illegible]9	36[illegible]
	MEAN	[illegible].[illegible]3	69.[illegible]	[illegible].[illegible]4	[illegible]1.[illegible]	[illegible]2.3	[illegible]4.2	[illegible]5.6	[illegible]5.[illegible]	[illegible]6.1	[illegible]5.0	[illegible]2.7	[illegible]1.2	[illegible]3.[illegible]
2	S. D.	4.[illegible]21	4.[illegible]01	2.816	2.4[illegible]1	2.[illegible]24	2.[illegible]41	2.143	2.242	2.[illegible]02	2.506	2.672	3.608	3.[illegible]16
	TOTAL OBS	31[illegible]	[illegible].[illegible]2	31[illegible]	3[illegible]0	31[illegible]	300	31[illegible]	31[illegible]	3[illegible]0	310	300	3[illegible]9	3651
	MEAN	[illegible].[illegible]	72.7	73.4	74.5	75.9	77.9	79.3	79.5	79.8	78.4	75.7	74.1	76.[illegible]
ALL HOURS	S. D.	[illegible].[illegible]59	5.238	5.245	5.111	4.990	5.117	5.126	5.[illegible]32	5.[illegible]45	5.073	4.978	5.444	5.8[illegible]2
	TOTAL OBS	24[illegible]	2256	2[illegible]0	2[illegible]9	24[illegible]	2400	2480	248	24[illegible]	2480	2400	2475	292[illegible]

NAVWEASERVCOM

MEANS AND STANDARD DEVIATIONS

[illegible] TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

[illegible] [illegible]

STATION | STATION NAME | YEARS

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
	MEAN	[illegible]	64.[illegible]	64.[illegible]	65.2	5.[illegible]	67.0	6[illegible].1	6[illegible].9	6[illegible].8	67.8	[illegible]6.5	64.[illegible]	66.[illegible]
	S. D.	[illegible].[illegible]5	3.[illegible]82	2.867	2.984	2.220	1.[illegible]63	2.010	1.[illegible]91	2.[illegible]79	2.463	2.600	3.536	3.[illegible]3
	TOTAL OBS	3[illegible]	[illegible]2	31[illegible]	3[illegible]0	31[illegible]	300	310	310	3[illegible]0	310	300	310	3[illegible]1
	MEAN	[illegible].[illegible]	63.[illegible]	63.8	64.[illegible]	6[illegible].2	66.6	67.7	6[illegible].4	6[illegible].3	67.4	6[illegible].1	64.4	6[illegible].[illegible]
	S. D.	[illegible].119	3.[illegible]76	[illegible].019	3.[illegible]22	2.3[illegible]4	2.156	2.[illegible]04	2.23[illegible]	2.[illegible]3[illegible]	2.547	2.741	3.6[illegible]2	3.371
	TOTAL OBS	[illegible]9	[illegible]2	310	[illegible]0	31[illegible]	300	31[illegible]	31[illegible]	300	310	299	3[illegible]9	[illegible]49
	MEAN	[illegible].[illegible]	65.2	66.[illegible]	67.[illegible]	68.8	70.1	70.8	71.5	71.7	7[illegible].4	6[illegible].[illegible]	66.1	6[illegible].[illegible]
	S. D.	3.[illegible]17	3.[illegible]15	2.970	2.[illegible]12	2.176	1.[illegible]56	1.790	1.[illegible]24	1.796	2.257	2.376	3.456	3.[illegible]55
	TOTAL OBS	3[illegible]	[illegible]2	31[illegible]	3[illegible]0	310	[illegible]00	310	310	3[illegible]0	310	30[illegible]	31[illegible]	[illegible]1[illegible]
1	MEAN	[illegible].[illegible]	6[illegible].[illegible]	6[illegible].6	69.4	69.[illegible]	71.[illegible]	71.7	72.5	72.[illegible]	71.9	70.8	69.2	7[illegible].[illegible]
	S. D.	2.[illegible]83	3.[illegible]61	2.567	2.567	2.1[illegible]9	2.[illegible]47	1.97[illegible]	1.824	1.960	2.131	2.311	3.040	2.[illegible]55
	TOTAL OBS	3[illegible]3	[illegible]2	31	3[illegible]0	31[illegible]	300	31[illegible]	31[illegible]	3[illegible]0	310	300	30[illegible]	3[illegible]1
	MEAN	[illegible].[illegible]2	6[illegible].7	6[illegible].[illegible]	69.[illegible]	7[illegible].1	71.2	71.8	72.7	73.[illegible]	72.[illegible]	7[illegible].6	69.[illegible]	7[illegible].[illegible]
	S. D.	[illegible].015	[illegible].1[illegible]5	2.529	2.668	2.214	2.03[illegible]	2.01[illegible]	1.988	2.[illegible]1[illegible]	2.299	2.331	3.141	2.8[illegible]9
	TOTAL OBS	31[illegible]	[illegible]2	310	3[illegible]0	310	300	310	31	3[illegible]0	310	300	3[illegible]1	3[illegible]1[illegible]
	MEAN	[illegible].[illegible]	67.8	67.[illegible]	68.4	6[illegible].[illegible]	70.4	71.2	71.9	71.9	7[illegible].9	6[illegible].5	6[illegible].[illegible]	6[illegible].[illegible]
	S. D.	[illegible].[illegible]2	3.[illegible]19	2.[illegible]55	2.[illegible]63	2.055	1.[illegible]97	1.934	1.[illegible]52	2.122	2.207	2.4[illegible]	3.1[illegible]4	2.8[illegible]8
	TOTAL OBS	[illegible]1[illegible]	[illegible]2	31	2[illegible]9	310	300	310	310	3[illegible]0	310	300	30[illegible]	3[illegible]5
	MEAN	6[illegible].[illegible]	65.[illegible]	65.[illegible]	66.5	67.3	6[illegible].3	6[illegible].[illegible]	70.0	70.1	69.2	67.[illegible]	66.[illegible]	67.7
	S. D.	[illegible].[illegible]4[illegible]	3.[illegible]40	2.[illegible]55	2.[illegible]78	2.256	1.[illegible]17	1.855	1.[illegible]72	1.[illegible]99[illegible]	2.435	2.460	3.339	3.[illegible]23
	TOTAL OBS	[illegible]1[illegible]	[illegible]2	31	3[illegible]0	310	3[illegible]0	31[illegible]	31[illegible]	3[illegible]0	310	[illegible]0	3[illegible]6	3[illegible]51
	MEAN	[illegible].[illegible]	[illegible].[illegible]	65.1	65.[illegible]	66.[illegible]	67.7	6[illegible].7	69.5	69.4	6[illegible].[illegible]	67.1	65.[illegible]	67.[illegible]
2	S. D.	[illegible].[illegible]00	3.[illegible]08	2.63[illegible]	2.[illegible]14	2.1[illegible]2	1.960	1.956	1.[illegible]94	2.[illegible]41	2.355	2.61[illegible]	3.4[illegible]5	3.[illegible]05
	TOTAL OBS	3[illegible]3	[illegible]2	310	3[illegible]0	310	300	310	31[illegible]	3[illegible]0	310	3[illegible]0	3[illegible]9	3[illegible]51
ALL HOURS	MEAN	[illegible].[illegible]	66.1	[illegible]6.3	67.[illegible]	67.[illegible]	6[illegible].0	6[illegible].9	70.7	70.8	69.8	6[illegible].[illegible]	66.7	6[illegible].[illegible]
	S. D.	[illegible].[illegible]3[illegible]	[illegible].[illegible]40	3.[illegible]27[illegible]	3.[illegible]27[illegible]	2.[illegible]87[illegible]	2.643	2.[illegible]47[illegible]	2.[illegible]06	2.[illegible]65[illegible]	2.[illegible]88[illegible]	3.[illegible]00[illegible]	3.[illegible]00	3.[illegible]5[illegible]
	TOTAL OBS	24[illegible]6	[illegible]2[illegible]6	[illegible]46	23[illegible]9	[illegible]46	2400	24[illegible]1	2480	2400	2480	2399	2474	[illegible]92[illegible]4

NAVWEASERVCOM

MEANS AND STANDARD DEVIATIONS

DEW POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

STATION | STATION NAME | YEARS

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
	MEAN													
	S. D.													
	TOTAL OBS													
	MEAN													
	S. D.													
	TOTAL OBS													
	MEAN													
	S. D.													
	TOTAL OBS													
	MEAN													
1	S. D.													
	TOTAL OBS													
	MEAN													
	S. D.													
	TOTAL OBS													
	MEAN													
	S. D.													
	TOTAL OBS													
	MEAN													
	S. D.													
	TOTAL OBS													
	MEAN													
	S. D.													
	TOTAL OBS													
ALL HOURS	MEAN													
	S. D.													
	TOTAL OBS													

NAVWEASERVCOM

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

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%		
TOTALS												

OCEANAV–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

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%		
		100.0	100.0	100.0	100.0	95.7	86.8	67.3	51.8	7.7	73.8	
		100.0	100.0	100.0	100.0	89.8	84.0	68.9	51.7	7.1	69.1	
		100.0	100.0	100.0	100.0	93.9	94.3	74.1	57.4	17.8	8 .3	
		100.0	100.0	100.0	98.4	88.7	44.6	17.7	4.7	.7	61.4	
		100.0	100.0	100.0	98.2	83.5	38.7	15.2	6.0	1.1	59.5	
		100.0	100.0	100.0	9.3	86.9	49.6	17.4	7.1	.4	61.8	
		100.0	100.0	100.0	100.0	98.1	84.0	56.7	17.1	1.1	71.5	
		100.0	100.0	100.0	100.0	99.6	95.4	75.9	35.6	2.5	76.1	
TOTALS		100.0	100.0	100.0	99.5	94.	75.8	54.4	3 .4	4.0	71.2	2256

OCEANAV–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

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%		
		100.0	100.0	100.0	100.0	100.0	99.2	82.3	39.4	4.2	77.5	310
		100.0	100.0	100.0	100.0	100.0	96.7	84.5	48.7	7.2	79.0	310
		100.0	100.0	100.0	100.0	99.7	92.6	69.7	35.9	7.1	75.5	310
	1	100.0	100.0	100.0	99.4	91.6	35.2	11.6	2.6		56.5	31
	1	100.0	100.0	100.0	97.4	71.3	25.8	7.1	1.0		56.1	310
	1	100.0	100.0	100.0	100.0	98.7	39.0	15.2	3.5	.7	57.1	310
		100.0	100.0	100.0	100.0	99.7	93.5	64.2	11.9	.6	73.9	31
	2	100.0	100.0	100.0	100.0	100.0	96.1	73.9	25.2	1.6	74.9	31
TOTALS		100.0	100.0	100.0	99.6	92.0	72.5	49.9	25.9	7.4	69.1	24

OCEANAV–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

2 14 (STATION) | [illegible] (STATION NAME) | [illegible] (PERIOD) | [illegible] (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	100.0	100.0	98.7	82.7	44.7	[illegible]	72.1	[illegible]
	[illegible]	100.0	100.0	100.0	100.0	99.7	99.7	89.0	52.0	17.7	79.9	[illegible]
	[illegible]	100.0	100.0	100.0	100.0	98.7	88.0	52.7	16.0	2.7	71.[illegible]	[illegible]
	11	[illegible]	100.0	100.0	98.0	77.7	35.7	10.3	3.3	.7	56.4	[illegible]
	[illegible]	[illegible]	100.0	100.0	97.7	72.0	31.7	6.7	2.7	.7	56.5	[illegible]
	[illegible]	100.0	100.0	100.0	98.7	45.7	42.7	12.7	7.7		59.6	[illegible]
	[illegible]	100.0	100.0	100.0	100.0	98.7	93.0	61.7	14.[illegible]	.3	71.5	[illegible]
	23	[illegible]	100.0	100.0	100.0	99.7	97.7	78.0	32.0	3.7	75.6	[illegible]
TOTALS		100.0	100.0	100.0	9.3	91.4	73.3	49.2	21.1	3.7	69.9	24[illegible]

OCEANAV–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

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

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
[illegible]	[illegible]	100.0	100.0	100.0	100.0	100.0	97.1	76.1	31.5	1.2	76.3	[illegible]
	[illegible]	100.0	100.0	100.0	100.0	100.0	98.1	77.0	44.5	4.8	77.6	310
	[illegible]	100.0	100.0	100.0	100.0	96.8	72.6	31.3	6.1	2.3	66.3	[illegible]
	11	100.0	100.0	100.0	[illegible]	71.0	29.4	9.7	3.2		56.7	[illegible]
	14	100.0	100.0	100.0	95.5	63.5	31.3	7.4	1.3		55.3	316
	[illegible]	100.0	100.0	100.0	79.4	54.5	31.3	11.9	4.2	.7	57.7	315
		100.0	100.0	100.0	100.0	97.7	84.8	47.0	11.3	1.6	66.6	317
	23	100.0	100.0	100.0	100.0	99.7	92.6	68.1	22.3	2.3	73.6	315
TOTALS		100.0	100.0	100.0	98.9	87.0	67.0	40.4	16.3	1.7	66.5	2417

OCEANAV–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

2 14 — STATION
[illegible] POINT, HT — STATION NAME
[illegible] — PERIOD
JUN — MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	[illegible]	100.0	100.0	100.0	100.0	100.0	99.0	77.0	13.0	2.7	74.5	[illegible] 0
	[illegible]	100.0	100.0	100.0	100.0	100.0	99.0	83.3	27.3	[illegible]	76.4	[illegible]
	[illegible]	100.0	100.0	100.0	100.0	99.3	59.3	16.7	3.7		67.3	[illegible]
	[illegible]	100.0	100.0	100.0	99.7	69.7	16.7	3.3	.3		64.5	[illegible]
	[illegible]	100.0	100.0	100.0	96.3	66.3	16.7	2.3	.7		63.[illegible]	[illegible]
	[illegible]	100.0	100.0	100.0	100.0	73.7	16.7	6.3	1.7		54.3	[illegible]
	[illegible]	100.0	100.0	100.0	100.0	100.0	73.7	17.7	4.3	1.0	65.6	[illegible]
	[illegible]	100.0	100.0	100.0	100.0	100.0	97.0	57.3	7.7	1.3	71.1	[illegible]
TOTALS		100.0	100.0	100.0	9.6	87.4	61.0	33.0	8.3	1.0	64.2	2470

OCEANAV–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

2?14 (STATION) FA[illegible]ERS POINT, HI (STATION NAME) 77-?? (PERIOD) JUL (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	[illegible]	100.0	100.0	100.0	100.0	100.0	98.1	64.2	13.2	1.9	72.7	310
	[illegible]	100.0	100.0	100.0	100.0	100.0	97.1	75.8	18.7	[illegible].9	74.7	31[illegible]
	[illegible]	100.0	100.0	100.0	100.0	[illegible]9.[illegible]	8[illegible].0	17.4	4.8	.3	[illegible]3.7	31[illegible]
	11	100.0	10[illegible].0	100.0	[illegible]8.1	59.[illegible]	13.9	2.3	.6		[illegible]3.[illegible]	31[illegible]
	12	1[illegible].0	100.0	100.0	[illegible]2.6	[illegible]3.[illegible]	[illegible].7	1.[illegible]			50.2	310
	13	100.0	100.0	100.0	[illegible]9.4	61.	16.1	1.3	.6	.6	[illegible]3.5	31[illegible]
	[illegible]	100.0	100.0	100.0	100.0	100.0	7[illegible].3	17.7	1.9	.6	64.6	31[illegible]
	21	100.0	100.0	100.0	100.0	100.0	[illegible]0.6	42.6	10.0	1.6	69.9	31[illegible]
TOTALS		10[illegible].0	10[illegible].0	100.0	8.[illegible]	[illegible]2.9	57.2	27.9	6.2	1.0	62.8	2[illegible]

OCEANAV–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

[illegible] | [illegible] POINT, [illegible] | [illegible] | [illegible]
STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
[illegible]	[illegible]	100.0	100.0	100.0	100.0	100.0	99.0	79.7	17.4	1.3	74.9	310
		100.0	100.0	100.0	100.0	100.0	98.7	86.1	24.8	2.3	76.4	310
		100.0	100.0	100.0	100.0	100.0	72.3	20.4	5.5	.4	66.3	310
	01	100.0	100.0	100.0	9.7	71.9	24.8	3.9	1.3		55.3	310
		100.0	100.0	100.0	96.8	80.7	18.7	5.5	.3		52.9	310
		100.0	100.0	100.0	99.7	76.8	21.3	4.5	1.3	.3	55.6	310
		100.0	100.0	100.0	100.0	100.0	93.5	28.4	3.5	1.0	66.9	311
		100.0	100.0	100.0	100.0	100.0	98.4	59.4	10.0	1.0	72.0	311
TOTALS		100.0	100.0	100.0	79.5	87.4	64.5	37.1	8.6	.3	65.0	2446

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
[illegible] 14	HARBORS POINT, HI	73-82	FP

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%		
FP	[illegible]	100.0	100.0	100.0	100.0	100.0	99.7	74.0	18.7	.7	74.1	[illegible]
	[illegible]	100.0	100.0	100.0	100.0	100.0	100.0	85.3	21.7	1.7	75.8	[illegible]
	[illegible]	100.0	100.0	100.0	100.0	100.0	74.3	20.0	2.3	.3	65.4	[illegible]
	11	100.0	100.0	100.0	9.3	62.3	16.3	1.3			53.6	[illegible]
	14	100.0	100.0	100.0	86.7	57.7	19.3	2.7	1.3	.3	52.9	[illegible]
	[illegible]	100.0	100.0	100.0	100.0	71.7	25.3	4.7			55.0	[illegible]
	[illegible]	100.0	100.0	100.0	100.0	100.0	82.7	21.3	2.3	.3	66.[illegible]	[illegible]
	[illegible]	100.0	100.0	100.0	100.0	100.0	95.3	51.3	9.7	.7	71.2	[illegible]
TOTALS		100.0	100.0	100.[illegible]	79.5	86.[illegible]	64.5	32.6	7.[illegible]	.5	64.3	[illegible]

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
[illegible] 14	[illegible] RS POINT, MI	73-[illegible]	[illegible]CT

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	99.7	98.7	95.8	68.7	20.0	2.6	73.6	310
	[illegible]	100.0	100.0	100.0	99.4	98.1	96.8	75.2	27.1	2.6	74.8	310
		100.0	100.0	100.0	100.0	98.4	74.5	33.5	7.7	1.3	67.[illegible]	31[illegible]
	.1	100.0	100.0	100.0	7.1	84.5	22.6	6.8	1.9	.6	55.[illegible]	31[illegible]
	[illegible]	100.0	100.0	100.0	95.5	61.9	21.0	6.5	3.2	1.0	54.4	310
	[illegible]	100.0	100.0	100.0	99.[illegible]	93.9	30.3	10.3	3.2	1.[illegible]	57.5	310
	[illegible]	100.0	100.0	100.0	99.7	97.7	79.[illegible]	36.1	8.1	2.3	67.7	3[illegible]
	[illegible]	100.0	100.0	100.0	99.7	98.4	90.3	56.5	11.0	2.6	71.2	31[illegible]
TOTALS		100.0	100.0	100.[illegible]	98.8	87.7	64.[illegible]	36.7	10.3	1.8	65.2	2[illegible]0

OCEANAV–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
[illegible] 14	[illegible]ERS POINT, NJ	[illegible]-[illegible]	NOV

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%		
NOV	[illegible]	100.0	1[illegible]0.0	100.0	100.0	99.7	97.3	79.3	40.0	[illegible].0	77.[illegible]	[illegible]0
	[illegible]	100.0	1[illegible]0.0	100.0	1[illegible]0.0	99.7	98.[illegible]	81.6	43.6	5.7	78.[illegible]	[illegible]
	[illegible]	100.0	1[illegible]0.0	100.0	100.0	98.7	89.3	63.[illegible]	28.3	4.7	74.1	[illegible]0
	[illegible]1	1[illegible].0	100.[illegible]	100.0	[illegible]7.3	[illegible]0.0	[illegible]6.0	13.0	4.7	1.[illegible]	[illegible]8.6	[illegible]0
	1[illegible]	1[illegible].0	100.0	100.0	[illegible]5.7	73.7	[illegible]9.[illegible]	12.7	4.7	.3	[illegible]9.0	[illegible]0
	[illegible]	100.0	100.0	100.0	[illegible]9.3	[illegible]7.7	[illegible]1.3	16.3	6.3	1.3	[illegible]1.2	[illegible]0
	[illegible]	100.0	1[illegible]0.0	100.0	100.0	[illegible]9.7	[illegible]8.7	[illegible]8.[illegible]	14.3	1.[illegible]	71.4	[illegible]0
	[illegible]	100.0	1[illegible]0.0	1[illegible]0.0	1[illegible]0.0	[illegible]9.7	[illegible]4.7	68.3	[illegible]0.0	1.[illegible]	74.8	[illegible]0
TOTALS		[illegible]0.0	100.0	100.0	[illegible]9.	[illegible]2.2	[illegible]0.5	[illegible]9.2	21.5	2.6	[illegible]7.[illegible]	[illegible]2[illegible]9

OCEANAV–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

3114 [illegible] PATH, NJ — [illegible] — DEC

STATION — STATION NAME — PERIOD — MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	[illegible]	100.0	100.0	100.0	99.7	97.7	89.4	65.5	37.7	4.8	74.8	310
	[illegible]	100.0	100.0	100.0	100.0	98.1	91.3	67.3	41.8	6.5	75.9	310
	[illegible]	100.0	100.0	100.0	100.0	98.4	88.1	70.3	41.6	9.7	75.8	310
	[illegible]	100.0	100.0	100.0	95.5	77.0	35.6	14.2	4.9	1.9	58.5	310
	[illegible]	100.0	100.0	100.0	95.5	68.6	31.4	12.9	4.9	1.0	56.1	309
	[illegible]	100.0	100.0	100.0	97.7	82.3	45.3	16.8	5.5	1.9	60.6	309
	[illegible]	100.0	100.0	100.0	99.7	96.1	81.9	50.5	15.1	2.9	71.0	309
	[illegible]	100.0	100.0	100.0	99.7	97.1	86.4	62.5	27.2	5.2	73.1	309
TOTALS		100.0	100.0	100.	98.5	89.4	69.6	45.1	22.7	4.2	68.2	2474

OCEANAV–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
[illegible]	[illegible]	[illegible]	ALL

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
[illegible]	ALL	[illegible]	100.0	100.0	99.5	98.4	76.7	54.2	30.6	4.2	71.4	2476
[illegible]		[illegible]	100.0	100.0	99.5	94.7	75.8	54.4	31.4	4.7	71.2	2256
[illegible]		[illegible]	100.0	100.0	99.6	92.5	72.5	49.9	21.9	2.4	69.1	24[illegible]
[illegible]		[illegible]	100.0	100.0	99.3	91.4	73.3	49.2	21.1	2.7	68.9	2470
[illegible]		[illegible]	100.0	100.0	98.9	87.9	67.0	40.4	16.3	1.7	66.5	2453
[illegible]		[illegible]	100.0	100.0	99.8	87.4	61.0	33.[illegible]	8.0	1.[illegible]	64.2	2470
[illegible]		[illegible]	100.0	100.0	98.3	82.9	57.2	27.9	6.2	1.[illegible]	62.3	2431
[illegible]		[illegible]	100.0	100.0	99.5	87.4	64.3	37.1	9.6	.9	65.[illegible]	24[illegible]
[illegible]		[illegible]	100.0	100.0	99.5	86.3	64.5	32.6	7.0	.5	64.3	2460
[illegible]		[illegible]	100.0	100.0	98.3	87.7	64.[illegible]	36.7	11.3	1.8	65.2	24[illegible]
[illegible]		[illegible]	100.0	100.0	99.0	92.2	74.5	49.2	21.5	2.6	69.4	2389
[illegible]		[illegible]	100.0	100.0	98.5	89.4	6[illegible].6	45.0	22.7	4.2	68.2	2474
TOTALS		100.0	100.0	100.0	99.2	89.5	68.3	42.5	16.9	3.2	67.2	29[illegible]

OCEANAV–SMOS

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

[illegible] (STATION) [illegible] (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) JANUARY (MONTH) [illegible] (HOUR)

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	.2	3.3	1.[illegible]	17.2	16.9	2[illegible].5	17.2	4.1		122	4.[illegible]
77 TO 81	1.2	5.[illegible]	[illegible].0	19.5	23.8	19.4	16.8	5.5	.2	450	23.3
72 TO 76	4.0	1.0	2[illegible].6	4.9	11.4	11.1	1[illegible].	4.	1.2	65	26.6
67 TO 71	4.3	47.6	41.6	.7	.4	.3	1.3	2.1	1.7	7[illegible]	29.4
62 TO 66	.2	21.3	33.[illegible]			.[illegible]			.[illegible]	[illegible]	12.2
57 TO 61		76.[illegible]	[illegible]						2.	39	1.6
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	3.1	[illegible].9	[illegible]	[illegible].1	[illegible].5	7.2	[illegible].9	[illegible].3	1.0	28[illegible]5	10[illegible].0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

2 14 — STATION
[illegible] POINT, MT — STATION NAME
[illegible] 1973-DECEMBER 1982 — YEARS
[illegible] 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						[illegible].8	[illegible].0				.1
82 TO 86	.7	14.	1[illegible].3	1[illegible].7	[illegible].7	14.[illegible]	[illegible].3	6.7		1[illegible]0	[illegible].6
77 TO 81	.1	8.7	[illegible]6.9	1[illegible].4	[illegible].7	11.[illegible]	11.[illegible]	9.1		4[illegible]7	21.4
72 TO 76	3.[illegible]	25.9	[illegible]3.9	4.1	9.2	5.2	1[illegible].7	5.[illegible]	.6	62[illegible]	27.[illegible]
67 TO 71	3.5	4[illegible].2	4[illegible].6	1.1	1.0	.[illegible]	2.1	.[illegible]	2.1	62[illegible]	27.6
62 TO 66	[illegible].5	57.	3[illegible].[illegible]		.[illegible]	.3	.3	.9	1.	33[illegible]	14.9
57 TO 61		3.3	36.7							[illegible]	1.[illegible]
52 TO 56		[illegible].0									.[illegible]
47 TO 51											
42 TO 46											
[illegible]7 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
[illegible]7 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
[illegible]3 TO 1											
[illegible]8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-63 & LWR											
TOTALS	3.	32.[illegible]	[illegible]3.4	4.8	8.7	5.2	6.7	4.6	1.[illegible]	2256	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

[illegible] | [illegible] | JANUARY 1977-DECEMBER 1982 | MARCH | [illegible]
STATION | STATION NAME | YEARS | MONTH | HOURS (LST)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 -											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91				[illegible]							•
82 TO 86	1.1	11.3	42.8	15.7	14.5	5.7	6.3	1.9		159	6.4
77 TO 81	.4	10.[illegible]	51.2	8.8	10.5	9.1	5.4	2.4		627	25.3
72 TO 76	1.[illegible]	26.1	54.7	3.1	4.3	2.5	2.9	3.2	.6	682	27.5
67 TO 71	2.0	41.[illegible]	54.6	.1		.2		.2	.9	799	32.2
62 TO 66	2.0	63.4	33.0				.5		.5	191	7.7
57 TO 61		76.2	23.8							21	.8
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & BLWR											
TOTALS	1.[illegible]	29.7	51.[illegible]	4.2	4.[illegible]	3.4	2.[illegible]	1.7	.5	2490	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

STATION: A[illegible] POINT, H[illegible] (STATION NAME) | [illegible] 1973-D[illegible]E 1982 (YEARS) | APRIL (MONTH) | [illegible] (HOURS LOCAL)

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	[illegible].0	46.[illegible]	4[illegible].0								.[illegible]
82 TO 86	.4	13.[illegible]	45.9	2 .1	[illegible].2	3.7	2.9	4.[illegible]		264	10.2
77 TO 81	1.2	17.1	46.1	8.6	11.3	[illegible].3	3.[illegible]	4.1	.3	5[illegible]1	24.7
72 TO 76	1.[illegible]	30.7	58.2	2.6	2.6	1.4	1.4	1.2	.6	79[illegible]	32.[illegible]
67 TO 71	1.[illegible]	47.2	49.7	.6	.3		.[illegible]	.1	.3	67[illegible]	28.[illegible]
62 TO 66	[illegible].1	46.4	48.5		1.[illegible]				1.[illegible]	[illegible]	4.[illegible]
57 TO 61			[illegible]0.0								.[illegible]
52 TO 56		[illegible]0.0								[illegible]	.[illegible]
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LOW											
TOTALS	1.4	38.9	51.6	5.2	4.6	2.4	1.5	1.9	.4	2396	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

[illegible] STATION [illegible] STATION NAME JAN & MAY 1973-77 CEIL + VIS 1992 YEARS MAY MONTH [illegible] HOUR (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		1.3	42.9		14.3	14.3		14.3		7	.7
82 TO 86	.7	13.3	4.7	18.5	1.3	4.1	3.2	.7		37	17.6
77 TO 81	.4	16.4	5.7	12.3	1.3	4.6	2.9	1.7	.8	65	26.6
72 TO 76	1.1	30.1	42.5	2.1	1.6	.2	.8	.4	1.2	256	34.5
67 TO 71		41.5	56.5	.4	.6		.4	.2	.2	483	13.5
62 TO 66		44.7	5.3							75	1.7
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	.7	35.1	55.8	7.4	5.3	2.1	1.7	.8	.4	244	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

[illegible] / [illegible] HT / JANUARY 1973-DECEMBER 1982 / JUNE

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

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91		22.	[illegible].0	11.3	2.5			[illegible].[illegible]		[illegible]	3.3
82 TO 86	.3	15.5	55.0	13.4	5.3	4.1	1.5	.5		665	27.7
77 TO 81	1.2	24.3	60.6	6.5	3.9	1.5	1.7	.3		583	24.5
72 TO 76	.1	12.4	64.8	1.0	.6		.2	.2	.1	815	34.[illegible]
67 TO 71		46.7	52.5	.4					.4	242	1 0.1
62 TO 66		5.6	44.4							[illegible]	.0
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-63 & LWR											
TOTALS	.7	27.2	59.6	6.[illegible]	3.5	1.5	.9	.4	.1	2400	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

[illegible] | [illegible] | JANUARY 1973-DECEMBER 1982 | JULY |
STATION | STATION NAME | YEARS | MONTH | HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96		100.0									•
87 TO 91		14.7	71.6	5.7	2.4	.5				2	8.4
82 TO 86	.4	1 .5	64.5	9.9	3.8	1.1	1.2	.7		7 4	25.4
77 TO 81	.1	23.4	71.5	2.4	.8	.4	.3	.3	.1	715	29.8
72 TO 76	.1	37.3	61.9	.2	.1				.1	732	29.5
67 TO 71		49.6	50.4							11	4.5
62 TO 66		100.0									•
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	.3	37.2	55.6	4.	1.0	.5	.4	.3	.2	24	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

2 '4 (STATION) NA P'R; POINT, HI (STATION NAME) JA'A 1973-D CE"E 1982 (YEARS) [illegible]UST (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		[illegible].0	[illegible].0								.1
87 TO 91	.2	14.8	67.6	13.6	2.4	.5	.5			210	8.5
82 TO 86	1.[illegible]	17.7	57.2	17.9	9.3	3.2	1.1	.6	.1	725	29.2
77 TO 81	1.0	30.2	62.5	2.9	1.4	.[illegible]	.7	.3	.1	7[illegible]8	29.[illegible]
72 TO 76	.6	39.9	54.8	.3				.[illegible]	.3	721	29.1
67 TO 71		37.5	62.5							1	4.[illegible]
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	.[illegible]	28.4	6[illegible].3	5.3	3.0	1.2	.[illegible]	.3	.2	2[illegible]0	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

.2 14 STATION | SA BTRS POINT, HI STATION NAME | JANUARY 1973-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
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96			1 0.0								.1
87 TO 91	1.5	1 .4	53.3	16.5	9.2	.4	.4	.4		2 1	10.9
82 TO 86	.	2 .	41.4	14.3	12.3	4.6	3.6	.9		6 1	28.8
77 TO 81	.	19.9	25.3	.9	.9	1.1		.9	.1	7	29.2
72 TO 76	.5	4 .6	49.5		.				.	653	27.2
67 TO 71		2.4	56.5						1.1	2	3.4
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	.	34.	49.6	6.2	4.8	1.5	1.1	.5	.2	24 0	100.1

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

2 14 (STATION) | [illegible] POINT, HI (STATION NAME) | JANUARY 1973-DECEMBER 1982 (YEARS) | OCTOBER (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		16.	[illegible]	9.8	11.2	5.6	4.9	.7		1[illegible]3	5.8
82 TO 86	.	15.1	47.4	11.4	12.5	7.6	4.[illegible]	1.4	.2	631	25.4
77 TO 81	.2	36.5	50.3	2.2	3.1	2.3	1.6	.7	.1	6[illegible]3	27.7
72 TO 76	2.5	49.1	46.6	.6	.5		.4	.2	.1	835	33.7
67 TO 71		9.0	1.0							17[illegible]	[illegible]
62 TO 66		0.0	0.0							[illegible]	[illegible]
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	1.9	35.8	47.7	4.3	4.9	2.9	1.9	.7	.1	2480	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

STATION: [illegible] | STATION NAME: [illegible] POINT, HI | YEARS: JANUARY 1977-DECEMBER 1982 | MONTH: NOVEMBER | 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			6.7	23.8	9.5					21	.7
82 TO 86	.3	17.9	45.7	17.	15.5	4.6	3.7	2.0		343	14.5
77 TO 81	.5	19.1	45.6	8.4	12.8	6.4	4.7	2.5		596	24.8
72 TO 76	1.7	36.5	53.7	2.	2.2	1.5	.6	1.3	.2	947	39.5
67 TO 71	2.3	54.8	40.1	.5	.2		.5	.7	1.2	434	18.1
62 TO 66	1.4	24.2	74.0							73	3.2
57 TO 61		100.0								1	.7
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	1.	32.1	47.8	5.6	6.4	2.7	2.0	1.5	.3	2430	100.

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

2 4 (STATION) PA [illegible] POINT, HI (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) DECEMBER (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			.3	12.[illegible]	37.5						.7
82 TO 86	1.6	7.5	34.4	13.4	19.[illegible]	9.9	9.5	4.7		[illegible]3	10.2
77 TO 81	1.[illegible]	14.3	32.1	9.9	17.5	1[illegible].2	1[illegible].5	4.1	.8	6[illegible]	25.4
72 TO 76	3.1	35.4	47.3	1.5	3.4	2.3	3.[illegible]	3.3	.7	732	29.[illegible]
67 TO 71	[illegible].3	47.2	44.2	1.2	.1	.3	1.2	1.	.3	66[illegible]	27.[illegible]
62 TO 66	2.[illegible]	51.4	42.3	1.1			.0		1.7	17[illegible]	7.1
57 TO 6[illegible]		25.0	62.5						12.	[illegible]	.[illegible]
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
23 TO -19											
-28 TO -24											
-33 TO -29											
38 TO -34											
-43 TO -39											
48 TO -44											
53 TO -49											
58 TO -54											
[illegible] & LWR											
TOTALS	2.9	[illegible]1.4	41.0	4.[illegible]	7.8	4.4	4.9	2.8	.6	2474	10[illegible].0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

2 4 (STATION) | A [illegible] POINT, HI (STATION NAME) | [illegible] 1973-DECEMBER 1982 (YEARS) | ALL (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		[illegible]	[illegible]								•
87 TO 91	•	17.4	[illegible]	12.1	[illegible]	1.4	1.1	.6		[illegible]	[illegible]
82 TO 86	.7	15.6	[illegible]	13.7	[illegible]	5.1	3.4	1.7	.0	512[illegible]	17.6
77 TO 81	1.1	21.2	[illegible]	6.6	9.	5.9	[illegible]	2.[illegible]	.2	7646	2[illegible]
72 TO 76	1.[illegible]	34.[illegible]	52.4	1.8	2.6	1.[illegible]	2.7	1.6	.5	9[illegible]42	31.[illegible]
67 TO 71	2.3	46.[illegible]	47.6	.6	.3	.2	.7	.6	.9	5117	17.5
62 TO 66	[illegible]	57.4	37.2	.2	.2	.2	.2	.2	1.1	12[illegible]	4.1
57 TO 61		6.0	[illegible]						[illegible]	1[illegible]	.4
52 TO 56		00.0								[illegible]	•
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	1.	[illegible].4	40.5	[illegible].2	5.4	3.1	2.8	1.6	.4	29201	100.0

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sheville, N. C.

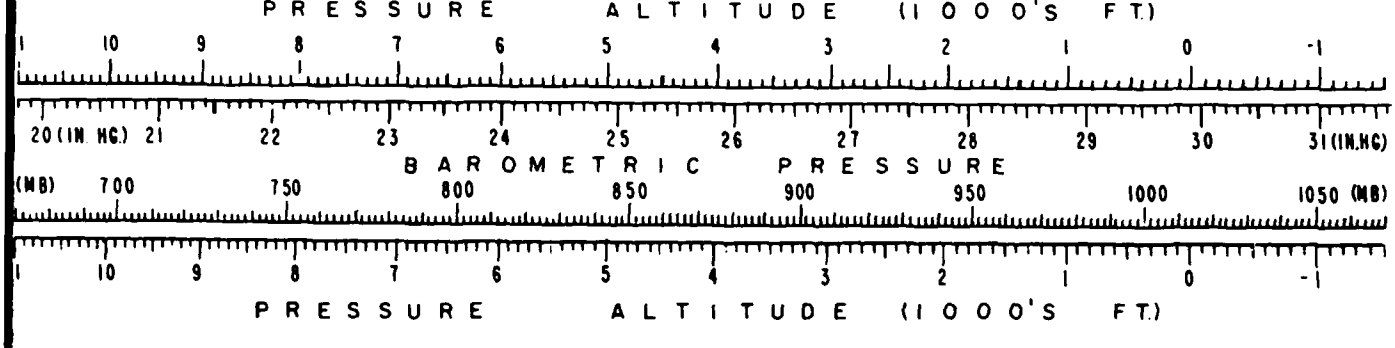
ART F PRESSURE SUMMARY

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

. Station pressure in inches of mercury.

. Sea-level pressure in millibars.

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



F

MEANS AND STANDARD DEVIATIONS

FA REV L PRESS RE IN MB FROM HOURLY OBSERVATIONS

[illegible] [illegible] PS P T, HI [illegible]

STATION | STATION NAME | YEARS

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
	MEAN	1014.4	1015.6	1017.0	1017.0	1016.[illegible]	1016.3	[illegible]15.9	[illegible]15.3	[illegible]14.[illegible]	[illegible]14.9	[illegible]15.[illegible]	1015.4	[illegible]15.[illegible]
	S. D.	[illegible].141	3.615	2.696	2.205	1.700	1.461	1.608	1.585	1.492	1.62[illegible]	2.334	2.[illegible]	2.44[illegible]
	TOTAL OBS	[illegible]	[illegible]92	310	[illegible]0	310	300	310	310	[illegible]0	[illegible]1[illegible]	300	[illegible]	[illegible]
	MEAN	[illegible]13.4	[illegible]14.9	[illegible]16.3	[illegible]16.4	1016.3	1016.0	1015.5	1014.8	1014.3	1014.4	1014.4	[illegible]14.9	[illegible]15.[illegible]
	S. D.	[illegible].15[illegible]	3.426	2.784	2.21[illegible]	1.6[illegible]8	1.469	1.609	1.570	1.476	1.857	2.291	2.913	2.4[illegible]5
	TOTAL OBS	[illegible]0[illegible]	[illegible]92	31[illegible]	[illegible]0	31[illegible]	300	310	310	300	310	300	310	[illegible]0[illegible]
	MEAN	[illegible]17.[illegible]	[illegible]1[illegible].2	[illegible]17.7	[illegible]17.7	[illegible]17.[illegible]	[illegible]17.1	[illegible]16.6	1015.9	[illegible]15.4	1015.5	1015.6	1015.[illegible]	101[illegible].4
	S. D.	[illegible].1[illegible]8	3.577	2.722	2.1[illegible]2	1.665	1.478	1.594	1.597	1.5[illegible]3	1.914	2.295	2.5[illegible]4	2.49[illegible]
	TOTAL OBS	[illegible]0[illegible]	[illegible]92	310	[illegible]0	31[illegible]	300	31[illegible]	31[illegible]	300	31[illegible]	[illegible]0	[illegible]1[illegible]	[illegible]0[illegible]
1	MEAN	1015.[illegible]	1016.[illegible]	1018.2	1018.0	1017.6	1017.1	1016.6	[illegible]16.[illegible]	1015.6	[illegible]15.3	[illegible]15.[illegible]	1016.4	[illegible]16.[illegible]
	S. D.	.[illegible]6[illegible]	3.[illegible]20	2.66[illegible]	2.1[illegible]0	1.621	1.457	1.559	1.587	1.473	1.937	2.227	2.[illegible]65	2.[illegible]4
	TOTAL OBS	[illegible]0[illegible]	[illegible]92	310	[illegible]0	310	300	310	310	300	31	300	[illegible]1[illegible]	[illegible]0[illegible]
	MEAN	[illegible]17.2	[illegible]14.[illegible]	[illegible]16.2	[illegible]16.[illegible]	1016.3	1015.[illegible]	1015.5	1014.7	1013.[illegible]	1013.7	[illegible]13.6	1014.[illegible]	[illegible]14.[illegible]
	S. D.	.[illegible]63	3.[illegible]43	2.6[illegible]1	2.[illegible]27	1.[illegible]91	1.437	1.557	1.570	1.[illegible]48	[illegible].613	2.220	2.789	2.[illegible]04
	TOTAL OBS	[illegible]1	[illegible]2[illegible]	31[illegible]	[illegible]0	31[illegible]	300	[illegible]1[illegible]	310	[illegible]00	310	300	30[illegible]	[illegible]0[illegible]
	MEAN	[illegible]1[illegible].[illegible]	1014.[illegible]	1015.6	[illegible]15.7	[illegible]15.6	1015.3	[illegible]14.[illegible]	[illegible]14.[illegible]	[illegible]13.4	[illegible]13.6	[illegible]13.6	[illegible]1[illegible].[illegible]	101[illegible].4
	S. D.	[illegible].[illegible]1[illegible]	3.[illegible]43[illegible]	2.5[illegible]0	2.[illegible]09[illegible]	1.[illegible]55[illegible]	1.[illegible]43	1.[illegible]57[illegible]	1.559	1.[illegible]43	1.[illegible]27	2.241	2.[illegible]59	2.[illegible]
	TOTAL OBS	[illegible]1[illegible]	[illegible]92	31[illegible]	[illegible]09	310	300	31	31[illegible]	[illegible]0[illegible]	[illegible]1[illegible]	300	[illegible]0	[illegible]0[illegible]
	MEAN	1014.[illegible]	1015.7	1017.1	1017.2	1017.0	1016.5	1016.[illegible]	[illegible]015.3	[illegible]14.9	[illegible]15.2	[illegible]15.2	[illegible]15.6	[illegible]1[illegible].[illegible]
	S. D.	[illegible].[illegible]83	3.472	2.624	2.[illegible]30	1.[illegible]54	1.428	1.541	1.[illegible]56	1.[illegible]48[illegible]	1.834	2.[illegible]33[illegible]	2.[illegible]19	[illegible].[illegible]3[illegible]
	TOTAL OBS	[illegible]1[illegible]	[illegible]92	310	[illegible]0	310	300	310	310	[illegible]0	310	300	[illegible]0[illegible]	[illegible]0[illegible]
	MEAN	[illegible]1[illegible].3[illegible]	[illegible]1[illegible].[illegible]5	[illegible]1[illegible].[illegible]	[illegible]01[illegible].2	1018.0	[illegible]017.5	1017.0	[illegible]016.3	1015.[illegible]	1015.9	1015.[illegible]	[illegible]1[illegible].[illegible]2	[illegible]1[illegible].7
	S. D.	[illegible].[illegible]3	3.[illegible]18	2.6[illegible]7	2.[illegible]83	1.625	1.463	1.565	1.[illegible]34	1.[illegible]86	1.840	2.[illegible]28	2.[illegible]45	2.4[illegible]6
	TOTAL OBS	[illegible]1[illegible]	[illegible]92	31[illegible]	[illegible]0[illegible]	[illegible]1[illegible]	300	310	[illegible]0	[illegible]00	310	300	[illegible]0[illegible]	[illegible]6[illegible]1
ALL HOURS	MEAN	1014.4	1015.6	[illegible]1[illegible].[illegible]	1017.1	[illegible]1[illegible].[illegible]	[illegible]016.5	[illegible]016.[illegible]	1015.[illegible]	[illegible]014.[illegible]	[illegible]1[illegible].9	1014.9	1015.3	1015.7
	S. D.	[illegible].[illegible]10	3.[illegible]30	2.[illegible]79[illegible]	2.[illegible]3[illegible]2	1.[illegible]7[illegible]3	1.598	1.711	1.723	1.671	2.[illegible]23	2.439	2.971	2.[illegible]71
	TOTAL OBS	[illegible]4[illegible]6	[illegible]256	[illegible]4[illegible]0	[illegible]309	[illegible]4[illegible]1	2400	2483	[illegible]48[illegible]	[illegible]400	2483	[illegible]400	2476	[illegible]9[illegible]7

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MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

[illegible] [illegible] 77-99

STATION | STATION NAME | YEARS

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
	MEAN	[illegible]	[illegible]	[illegible]	29.987	29.983	29.963	29.956	[illegible]	29.924	29.925	29.926	29.941	[illegible]
	S. D.	[illegible]	[illegible]	[illegible]	[illegible]	.049	.041	.045	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL OBS	[illegible]	[illegible]	310	300	310	300	310	310	300	310	300	310	3651
	MEAN	[illegible]	29.927	29.967	[illegible]	29.968	29.958	29.944	[illegible]	29.906	29.910	29.912	29.925	29.934
	S. D.	[illegible]	.115	[illegible]	[illegible]	.046	.041	.045	[illegible]	.043	.053	.064	[illegible]	[illegible]
	TOTAL OBS	[illegible]	[illegible]	31	[illegible]	310	300	310	[illegible]	300	310	300	310	3651
	MEAN	[illegible]	29.944	[illegible]	[illegible]	[illegible]	29.991	29.976	29.955	29.941	29.944	[illegible]	[illegible]	[illegible]
	S. D.	[illegible]	.104	[illegible]	[illegible]	.046	.042	[illegible]	[illegible]	.043	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL OBS	[illegible]	[illegible]	310	[illegible]	310	300	310	[illegible]	[illegible]	310	300	[illegible]	3651
	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	29.991	[illegible]	29.960	29.947	29.951	29.953	[illegible]	29.977
	S. D.	[illegible]	.112	[illegible]	[illegible]	.047	.041	.044	[illegible]	.043	.052	.066	[illegible]	[illegible]
	TOTAL OBS	[illegible]	[illegible]	31	[illegible]	310	300	310	310	300	310	300	310	3651
	MEAN	[illegible]	29.916	29.964	29.969	29.968	29.96[illegible]	[illegible]	29.921	29.896	29.89[illegible]	[illegible]	29.899	[illegible]
	S. D.	[illegible]	.101	[illegible]	[illegible]	.046	.040	.044	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL OBS	[illegible]	[illegible]	310	[illegible]	310	300	310	[illegible]	[illegible]	[illegible]	300	[illegible]	[illegible]
	MEAN	[illegible]	[illegible]	[illegible]	29.948	29.947	29.938	29.923	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	S. D.	[illegible]	.100	[illegible]	[illegible]	.045	.040	.044	[illegible]	.042	.052	.067	[illegible]	[illegible]
	TOTAL OBS	[illegible]	[illegible]	31[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	MEAN	[illegible]	29.949	[illegible]	29.993	[illegible]	29.973	29.957	[illegible]	29.927	29.936	[illegible]	29.946	[illegible]
	S. D.	[illegible]	.100	[illegible]	[illegible]	.046	[illegible]	.044	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	TOTAL OBS	[illegible]	[illegible]	31[illegible]	[illegible]	310	[illegible]	310	310	[illegible]	310	300	[illegible]	[illegible]
	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	30.003	29.987	29.967	29.952	29.955	29.953	29.964	29.979
	S. D.	[illegible]	.111	[illegible]	[illegible]	[illegible]	.041	.044	[illegible]	.043	.052	[illegible]	[illegible]	[illegible]
	TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	310	[illegible]	310	310	[illegible]	310	300	[illegible]	3651
ALL HOURS	MEAN	[illegible]	29.946	[illegible]	29.984	[illegible]	29.973	[illegible]	[illegible]	[illegible]	29.922	29.925	[illegible]	[illegible]
	S. D.	[illegible]	.105	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.056	.072	[illegible]	[illegible]
	TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2481	[illegible]	2476	[illegible]

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