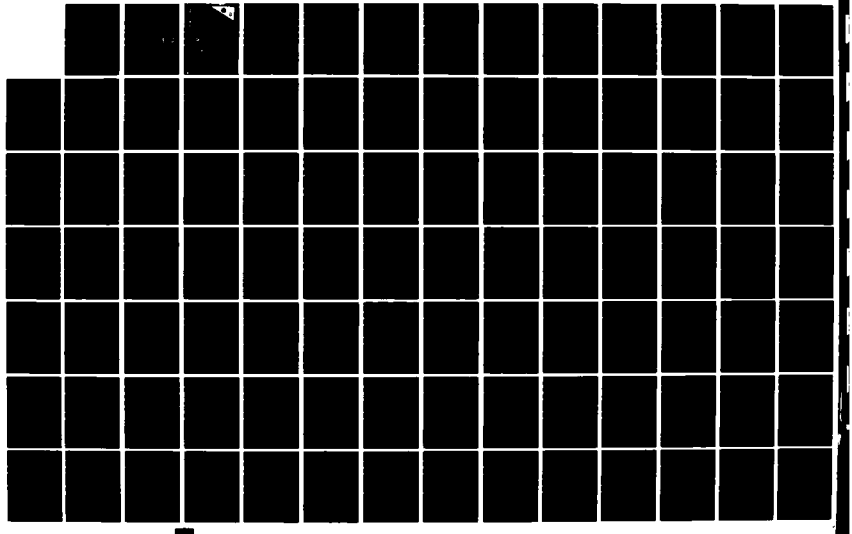
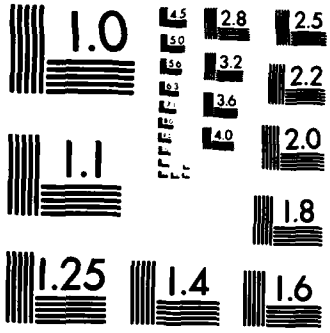
AD-A150 482 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) 1/4
CAMP PENDLETON CALIFORNIA(U) NAVAL OCEANOGRAPHY COMMAND
DETACHMENT ASHEVILLE NC SEP 84

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SMOS Camp Pendleton, Ca.
Sep 1984

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SMOS

SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE

AD-A150 482

STATION:	#03154	Camp Pendleton, CA
PERIOD:	HOURLY	7/66-12/75
	DAILY	1/67-9/73

JOB NO. 72006 DATE September 1984

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

PREPARED FOR
COMMANDER,
NAVAL OCEANOGRAPHY
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18. SUPPLEMENTARY NOTES

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

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

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

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

DD FORM 1 JAN 73 1473 EDITION OF 1 NOV 65 IS OBSOLETE

S/N 0102-LF-014-6601

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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
03154	Camp Pendleton, California	33°18'N	117°21'W	63	KOCS	

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	
-	None	MCB							Var
1.	Weather service office (First deck of Airfield Ops Bldg)	MCALF	1968	1969	33°18'N	117°21'W	66	Fortin	"
2.	Weather office (moved within office)	"	1969		"	"	81	"	"

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.	1962	On roof above Weather Office	AN/UMQ 5	RD-108	42'MSL	* Observation site moved to MCALF Camp Pendleton 1 March 68.
1a.	1968	Atop control tower	"	"	120'MSL	
1b.	1969	Adjacent Rwy 03-21 approx. 700' North Hangar 2360	"	"	85' MSL	1. Barometer (Aneroid) 2. Barograph (Marine) 3. Hygrothermograph

NWSD. Federal Building
Asheville, N C

NOCD, Federal Building
Asheville, N. C.

PART A WEATHER CONDITIONS

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

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

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

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

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

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

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

Hail Occurrences of hail and small hail are included.

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

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

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

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

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

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

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

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

PART A ATMOSPHERIC PHENOMENA

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

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

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

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

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

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

3

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 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE OF SELECTED CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	[illegible]		[illegible]				[illegible]	[illegible]				[illegible]	[illegible]
	[illegible]		[illegible]				[illegible]	[illegible]				[illegible]	[illegible]
	[illegible]		[illegible]				[illegible]	[illegible]	[illegible]			[illegible]	141
	[illegible]		[illegible]				[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
	[illegible]		[illegible]				[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
	[illegible]		[illegible]				[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
	[illegible]		[illegible]				[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
	[illegible]		[illegible]				[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
	[illegible]		[illegible]				[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
TOTALS			[illegible]				[illegible]	[illegible]	[illegible]			[illegible]	[illegible]

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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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3

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 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													

3

WEATHER CONDITIONS

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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.
			4.2				4.2	6.8				5.6	2
			7.7				7.7	49.2	3.			23.1	2
			.				.2	4 .1	24.7			42.6	1
			2.				2.4	.6	34.			7 .7	
			.				.	7.	29.			.6	21
			1.				1.	3.6	2 .			.	2
			.4				.4	1.	29.3			32.	
								.3				.3	
TOTALS			3.				3.	73.	1 .7			43.7	91

WEATHER CONDITIONS

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
COMPUTED 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.
J													
TOTALS													

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3

WEATHER CONDITIONS

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FOR 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 CERTAIN
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 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.
	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
CONDITIONS FOR 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

[illegible] STATISTICAL FREQUENCIES OF OCCURRENCE OF WEATHER [illegible]
[illegible] COMPUTED FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
[illegible]	ALL		12.[illegible]				1[illegible].[illegible]	[illegible].[illegible]	[illegible].1			3[illegible].7	1[illegible]
[illegible]			[illegible].7				[illegible].7	1[illegible].3	[illegible].[illegible]			[illegible].6	[illegible]
[illegible]			[illegible].1				[illegible].1	1[illegible].[illegible]	6.[illegible]			1[illegible].3	[illegible]
[illegible]		.1	2.[illegible]				[illegible].[illegible]	1[illegible].[illegible]	[illegible].[illegible]			[illegible].3	[illegible]
[illegible]			[illegible].7				[illegible].7	[illegible].[illegible]	2[illegible].5			[illegible].[illegible]	[illegible]
[illegible]			3.				3.	[illegible].	1[illegible].7			[illegible].7	[illegible]
[illegible]			.				.[illegible]	[illegible].[illegible]	[illegible].3			[illegible].3	1[illegible]
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[illegible]			.				.[illegible]	[illegible].[illegible]	[illegible].[illegible]			[illegible].[illegible]	1[illegible]
[illegible]		.1	.[illegible]				.[illegible]	[illegible].[illegible]	[illegible].[illegible]			[illegible].[illegible]	121
[illegible]		.1	2.[illegible]				[illegible].7	[illegible].[illegible]	1.[illegible]			[illegible].5	[illegible]
[illegible]			[illegible].		.[illegible]		[illegible].1	1.[illegible]	[illegible].[illegible]			[illegible].5	[illegible]
TOTALS		.[illegible]	[illegible].[illegible]		.[illegible]		[illegible].7	[illegible].7	1.[illegible]			[illegible].4	1[illegible]

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

STATION NAME | AUGUST 1965-DECEMBER 1975 YEARS | ANNUAL MONTH | HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	.1								3.7	3.7	11.1			77.8
NNE	2.1	4.2							14.6	4.2	4.2			70.8
NE	.1	1.7	1.6						14.5	5.7	4.8			67.7
ENE	.5	2.3							.3	4.5	9.1			79.2
E	.4	6.8	2.4						1.4	14.3	7.1			54.0
ESE	.3								.3	19.2	18.2			27.3
SE	.1										11.4			81.5
SSE	.4								1.6	20.3	5.3			5.
S	.4	1.3	1.3						2.4	2.6	9.1			82.7
SSW	1.	1.7	1.4						16.7	1.7	13.6			44.4
SW		1.7	1.7								13.2			81.4
WSW		1.4	2.6						3.4	3.9	16.9			72.7
W		1.2	1.2						1.2	4.1	18.1			73.4
WNW									1.1	5.6	22.2			72.2
NW		10.3									13.8			75.8
NNW									1.3					95.7
VARIABLE														
CALM	.2	1.6	1.2						1.6	2.7	6.3			87.2
TOTAL	6	14	14						11.	6.3	10.5			6.4
PERCENT	.7	1.7	1.4						11.7	6.2	10.4			5.7

TOTAL NUMBER OF OBSERVATIONS 1,012

NAVAIR 5585/5 (REV. 5-68)

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

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

					SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
	1.	3.						.2	8.7	5.7			.7
	.		.3					1.3	4.7	1.7			[illegible]
	.		.7					.	14.7	9.3			73.
			.0					10.7	3.4	3.6			[illegible]
								13.1	4.5				1.
	.7							2.3	16.7				[illegible]
	.		1.0					1.0					[illegible]
	.	.2						.5		7.7			74.
	.							.6	6.3	11.3			63.4
	.	1.	1.7						1.	1.9			75.2
	.		1.4						1.	11.5			75.2
	.	1.2	1.2					1.1	2.4	7.3			80.9
	.	1.						.7	3.	20.2			64.1
	.							1.	3.	19.2			67.2
	2.	11.1											86.7
		3.3											96.7
	[illegible]	[illegible]	1.7					14.3	7.1	5.2			61.7
			11					1.1	5.4	10.2			67.1
	.7	1.1	1.2					.2	5.7	17.7			71.3

TOTAL NUMBER OF OBSERVATIONS 949

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

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

				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
									[illegible]		[illegible]			[illegible]
									15.	[illegible]	2.8			75.
		2.							[illegible]					[illegible]
									1 .7	[illegible]	12.9			76.7
									12.	[illegible]	12.9			[illegible]
	.7	.0							1 .3	[illegible]	.7			[illegible]
1.	7.1	7.1							.1		14.3			[illegible]
	7.1								[illegible]	7.1	[illegible]			76.
.4	5.7	1.1							[illegible]	1.1	14.			67.8
	3.1								[illegible]		13.4			[illegible]
	4.								.2	1.	10.6			[illegible]
	1.								[illegible]	1.6	11.5			[illegible]
	.5	.5							.1	1.7	10.3			[illegible]
	.7									[illegible]	13.0			79.
														[illegible]
														100.
[illegible]	[illegible]	[illegible]							[illegible]	[illegible]	[illegible]			[illegible]
	7	7							7.	[illegible]	13			[illegible]
1.	2.7	.7							7.	[illegible]	13.			[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

3

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

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

			FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	[illegible]	[illegible]	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
[illegible]									1.	1. 7			[illegible] 6.
[illegible]		.7											[illegible]
[illegible]													2.
[illegible]									1.				[illegible] 2.
[illegible]													[illegible] 1.
[illegible]													[illegible]
[illegible]													[illegible]
[illegible]										1. 7			[illegible] 1.
[illegible]													[illegible]
[illegible]													[illegible]
[illegible]		1.	1.										[illegible]
[illegible]													[illegible]
[illegible]		.1	.5										[illegible] 1.
[illegible]													[illegible] 1.
[illegible]													[illegible]
[illegible]													[illegible]
[illegible]							1		1				7. 7
[illegible]		.3					.1		.3	.3			[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

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

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
		.7												
			.3											
		.6	.6											
			.4											
			.2											
		.2	.4											
		1.1												
			1.3											
			1.4											

TOTAL NUMBER OF OBSERVATIONS

NAVAIR 50-1C-534

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

[redacted] YEARS MONTH HOURS (L.S.T.)

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]			[illegible]
NNE			.4						1.2	[illegible].1	27.3			[illegible].5
[illegible]										14.3	42.6			57.[illegible]
[illegible]									1.7		14.7			16.7
[illegible]		.[illegible]							[illegible].[illegible]	[illegible].[illegible]	1.[illegible]			[illegible].[illegible]
[illegible]			1.7						[illegible]3.3		[illegible]2.3			14.7
[illegible]			.[illegible]								.[illegible]			[illegible].[illegible]
[illegible]		.[illegible]	.3						1.7	8.3	37.5			41.7
[illegible]		1.[illegible]	.[illegible]						.[illegible]	1.6	[illegible]5.[illegible]			46.4
[illegible]			1.[illegible]						.1	.7	28.5			56.4
[illegible]			.[illegible]						.3		33.3			[illegible].3
[illegible]			1.[illegible]						.1	1.[illegible]	26.4			[illegible].[illegible]
[illegible]		.							1.[illegible].1	.	51.[illegible]			[illegible].7
[illegible]		1.							[illegible].[illegible]		37.5			25.[illegible]
[illegible]									[illegible].7	[illegible]3.[illegible]	[illegible]3.3			
[illegible]									[illegible]7.3					[illegible]6.7
[illegible]														
[illegible]		[illegible]	[illegible]						[illegible]3.5	[illegible]5.[illegible]	[illegible]7.[illegible]			[illegible]3.3
[illegible]			.1						1.1	.1	24.3			[illegible].6
[illegible]		.[illegible]	.3						1.3	3.4	27.3			56.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]907

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

[illegible] [illegible] [illegible] STATION NAME | [illegible] YEARS | JULY MONTH | [illegible] HOURS (L.S.T.)

	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
								4 .5	7.3	3 .4			.1
NNE								.3		1 .7			1 .7
NE								.8		1 .7			3.1
ENE								.[illegible]		2 .[illegible]			.[illegible]
E								1 .	25.	37.5			37.5
ESE										.[illegible]			.[illegible]
SE		1 .2						1 .2		2.1			72.7
SSE								1 .1	4.3	47.8			1 .4
S								1.		12.			76.4
SSW								1 .1		10.8			76.1
SW	.7							1 .1		19.9			79.9
WSW								3 .[illegible]		17.3			79.9
W								6 .[illegible]		24.1			71.[illegible]
WNW		.7						1 .[illegible]		4 .7			33.1
NW								1 .7		1 .7			66.7
NNW								6.7	3.3				
VARIABLE													
CALM		.1						.3	.2	35 .4			.7
	1							1	2.	23			6
	.1	.1						1 .1	2.1	22.7			6.

TOTAL NUMBER OF OBSERVATIONS [illegible], 17

[illegible] OBSERVATION

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

STA... AP... [illegible] | ...UST 1... - ...SEP ... 19... | ...T | ...

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

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
									.4		1 .?			4 .
NNE			1 .4						.1	.7	.			4 .
			1 .						1 .	12.[illegible]	12.[illegible]			2.
									.1		[illegible].[illegible]			4 .
									1 .[illegible]	[illegible] .[illegible]	[illegible].[illegible]			[illegible].7
ESE									1.1		[illegible].[illegible]			[illegible].6
									[illegible].1	[illegible]2.[illegible]	22.2			[illegible]5.0
[illegible]E									.[illegible]		[illegible] .0			34.[illegible]
S									.	2.1	36.5			[illegible]5.2
									.	.7	36.2			61.1
									[illegible].		13.4			[illegible]3.[illegible]
									.	1.?	19.7			7[illegible].
									..	1.[illegible]	23.2			72.[illegible]
									[illegible] .4	5.	23.5			47.1
									[illegible].[illegible]		[illegible]6.7			
			[illegible]1.1						[illegible]7.8	11.1	22.2			
[illegible]														
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
			[illegible]						13.	44	[illegible]			6
			.[illegible]						[illegible].3	4.	27.[illegible]			[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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3

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

[illegible] APPLETON, A [illegible] YEARS [illegible] MONTH [illegible] HOURS (L.S.T.)

DIRECTION	RAIN SHOWERS	MIXED	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
[illegible]		.2						4.5	15.[illegible]	5.1			[illegible]7.3
NNE								7.1		13.6			4.5
NE		.1						[illegible].[illegible]	4.[illegible]	17.[illegible]			5.[illegible]
ENE								1[illegible].2	5.[illegible]	1[illegible].3			[illegible]5.[illegible]
E		.[illegible]						2.2	2.[illegible]	11.1			[illegible]6.7
ESE								.[illegible]		[illegible].7			[illegible].[illegible]
SE								.7		2[illegible].1			[illegible].[illegible]
SSE		.[illegible]						.[illegible]	7.[illegible]	[illegible].[illegible]			[illegible]2.[illegible]
S								.[illegible]		32.7			[illegible]4.5
SSW								.5		[illegible]2.2			[illegible]5.[illegible]
SW								[illegible].4	.[illegible]	19.[illegible]			[illegible]8.7
ASW								[illegible].[illegible]	1.2	19.[illegible]			[illegible].6
W		.7						.[illegible]	1.4	[illegible]9.2			6[illegible].9
ANW								11.[illegible]	11.[illegible]	41.2			41.2
NW								[illegible]	3.[illegible]	16.7			[illegible]3.3
NNW								[illegible].6		11.1			73.3
VARIABLE													
CALM		[illegible]						[illegible].[illegible]	[illegible]	[illegible].			[illegible]
DATA MISSING		[illegible]						14	[illegible]7	[illegible]35			6[illegible]
TOTAL		.[illegible]						1[illegible].3	3.4	22.4			[illegible]2.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]1.[illegible]8[illegible]

NAVWEASER[illegible]

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

[illegible] | YEARS | [illegible] MONTH | HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N			[illegible]						[illegible] .3	7.1	1 .7			4[illegible].4
NNE	•								1 .1	.1	2[illegible].2			5[illegible].6
NE			•						14.[illegible]	11.[illegible]	2[illegible].3			[illegible].2
ENE	•								1[illegible].	1 .[illegible]	1 .[illegible]			6.7
E			[illegible]						[illegible] .4	1.[illegible]	1[illegible].1			[illegible] .[illegible]
ESE									1 .7	[illegible].3	1[illegible].7			5[illegible].7
SE									.[illegible]	1[illegible].[illegible]	[illegible].3			[illegible]6.7
SSE		.[illegible]						.[illegible]	1[illegible].[illegible]		2[illegible].			56.[illegible]
S									1.[illegible]	1.4	33.[illegible]			63.4
[illegible]		[illegible].1							[illegible].		21.[illegible]			72.3
[illegible]									[illegible].	2.[illegible]	19.4			7[illegible].
[illegible]			•						[illegible].	[illegible].[illegible]	25.4			[illegible].7
[illegible]		•							[illegible].	1.[illegible]	24.[illegible]			6[illegible].[illegible]
[illegible]									.9	[illegible].[illegible]	24.4			[illegible]6.7
[illegible]									.[illegible]		3[illegible].4			54.5
[illegible]									[illegible].	14.[illegible]				[illegible]7.1
[illegible]														
[illegible]	[illegible]	[illegible]	[illegible]						1[illegible].4	[illegible].4	1[illegible].[illegible]			[illegible]
[illegible]			[illegible]					[illegible]	1[illegible]	[illegible]	[illegible]53			77[illegible]
[illegible]	.[illegible]	.[illegible]	.4					.1	1[illegible].[illegible]	5.1	21.[illegible]			[illegible].6

TOTAL NUMBER OF OBSERVATIONS 1,2[illegible]

3

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

[illegible] | [illegible] YEARS | [illegible] MONTH | HOURS (L.S.T.)

	RAIN	FREEZING RAIN FREEZING DRIZZLE	SLEET ICE 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 .	4 .	4 .			.
NNE	.1						.	3.1				7 .
NE							.		.6			1 .
ENE							1 .	12.2	22 .			4 .8
E	.	.2				.1	.1	14 .	1 .4			41 .
ESE		.					1 .	15 .	1 .			57 .
SE	1 .							1 .				76 .
SSE	.	.2					.7	.	1 .1			1 .
S	1 .	3.2					.	3.2	.5			4 .
SSW	1 .	1 .					.		1 .4			.
SW									. .1			.
WSW		1.2					.3	2.3	14 .			1 .
W		.2					.	2 .	2 .2			67 .
WNW							.	4.3	. .4			6 .
NW							.		2 .			7 .
NNW												0.2
ABSENT												
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	1	12	3			1	8	5	13 .			7 .
[illegible]	1.5	1.2	.3			.1	.8	5 .	1 .			71 .

TOTAL NUMBER OF OBSERVATIONS [illegible]

NAVAER [illegible]

3

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

[illegible] | [illegible] YEARS | [illegible] MONTH | HOURS (LST)

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 •	5.4				1.1
NNE		•	2.2			1.4			•	4.4	2.2			6.7
NE									4 •	4.[illegible]	[illegible].2			[illegible] •
ENE						2 •			[illegible] •	5.[illegible]	2.0			[illegible]5.[illegible]
E									1 •					7.
ESE	[illegible].7								[illegible] .1		[illegible] •			53.[illegible]
SE	[illegible] .7								• 3	[illegible] .3				75.[illegible]
SSE	1[illegible] •								•	4.2	1[illegible].7			66.7
S	• 5		1.4						•	1.4	16.7			73.6
[illegible]	[illegible] .1		[illegible] .1						•		26.[illegible]			65.[illegible]
[illegible]	1 •	1.[illegible]							•		13.[illegible]			83.3
[illegible]	1 •	1.3							• 1		11.[illegible]			[illegible].1
W	1 •	1.[illegible]							• 5		7.6			87.9
[illegible]	• 1								1.[illegible] •	[illegible].3	[illegible].3			78.1
[illegible]									• 3	[illegible].3	[illegible].3			75.[illegible]
[illegible]									• 7		• 7			[illegible]6.7
VARIABLE														
CALM									[illegible] •	[illegible].6	[illegible].[illegible]			[illegible].
[illegible]	[illegible]1	[illegible]	[illegible]5						[illegible]	4.[illegible]	[illegible]			[illegible]6
[illegible]	• 1	• [illegible]	• [illegible]			• [illegible]			• [illegible]	4.4	[illegible].[illegible]			76.7

TOTAL NUMBER OF OBSERVATIONS [illegible]7[illegible]

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

STATION _____ YEARS _____ MONTH _____ HOURS (EST) _____

WIND DIRECTION	RAIN	SNOW	FREEZING RAIN DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	•	•						•	6•	9.6			•
NNE	•	1•			•			1•	5.5	7			6•
NE	•	•						1.1	•	10.7			
ENE	•	•			•			1•	7.6	11.6			67•
E	1•	2.1					•	21•	8.6	17.7			57•
ESE	•	2.4						1 •	7.1	21.4			5 •
SE	•	1•						•	7.7	16.6			7•
SSE	•	2.7					•	1•	5.4	27.1			•
S	2•	.9						•	1.5	21.9			6 •
SSW	1•	.7						4•	•	2•			71.3
SW	•	•						2•	.4	17.6			7 •
WSW	•	•						•	1.6	17.7			7 •
W	•	•						•	1.6	20.2			74.1
WNW	1•	1.5						•	2.9	21.7			
NW	•	2.2						•	4.3	13.1			74.1
NNW		2•		1.3				2 •	5.1	5.1			
CALM													
VAR	1•	•		1•				3	6.3	14.2			
TOTAL	1	9		3			3	1.7	4•	17.3			6 •
PCT	1•	•		•			•	1 •	4•	17.3			

TOTAL NUMBER OF OBSERVATIONS 1[illegible]

NOCD. Federal Building
Asheville, N. C.

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

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

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

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

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

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

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

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

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF

(FROM DAILY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____

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

NAVWEASERVCOM

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF

(FROM DAILY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____

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

NAVWEASERVCOM

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF

(FROM DAILY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS 6 - 7

	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															1			
JUN																		
JUL															1			
AUG																		
SEP																		
OCT																		
NOV																		
DEC																		
ANNUAL																		

NAVWEASERVCOM

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

(FROM DAILY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
MEAN													
S D													
TOTAL OBS.							1						

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

(FROM DAILY OBSERVATIONS)

STATION | STATION NAME | YEARS

(AS OF MIDNIGHT LST
LAST FULL MONTH)

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

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

(FROM DAILY OBSERVATIONS)

STATION | STATION NAME | YEARS

AMOUNTS IN TENTHS

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]
(FROM DAILY OBSERVATIONS)

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

[illegible]

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]	[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 _____

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

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

(FROM DAILY OBSERVATIONS)

STATION | STATION NAME | YEARS

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

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

STATION | STATION NAME | YEARS

MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1						
2						
3						
4						
5						
6						
7						
8						
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13						
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29						
30						
31						
Monthly						

MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1						
2						
3						
4						
5						
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30						
31						
Monthly						

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

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

STATION _____ STATION NAME _____ YEARS _____

MONTH _____

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1						
2						
3						
4						
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30						
31						
Monthly						

MONTH _____

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1						
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30						
31						
Monthly						

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

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

STATION | STATION NAME | 1 6?-1??? YEARS

MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1						
2						
3						
4	.?1		1?71			
5	.1	3	1???			
6	.1	4	1?71			
7	.1?	3	1?71			
8						
9	.?	1	1967			
10	.?	?	1?67			
11						
12						
13	T	T	1???			
14	.01		1?71			
15						
16						
17						
18						
19						
20						
21	T	T	1???			
22						
23	T	T	1?67			
24	T	T	1???			
25	T	T	1?67			
26						
27	T	T	1?71			
28						
29	.?	2	1???			
30						
31		T	1?67			
Monthly	T.1	4	1?71			

MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1						
2	T	T	1?71			
3						
4	T	T	1?7?			
5	T	T	1?69			
6						
7	T	T	1?7?			
8	T	T	1???			
9	?.??	1	1967			
10	.??	1	1?69			
11	?.?	1	1???			
12	?.?1		1?67			
13	T	T	1?67			
14						
15						
16	T	T	1???			
17	?.??	2	1?69			
18						
19						
20						
21	T	T	1?71			
22	.?1		1?69			
23	T	T	1???			
24	T	T	1???			
25						
26						
27						
28						
29						
30						
31						
Monthly	T.??	2	1?69			

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

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

STATION | STATION NAME | YEARS

MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1						
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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

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

STATION | STATION NAME | YEARS

MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1						
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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

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

STATION | STATION NAME | YEARS

MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1						
2						
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Monthly						

MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1						
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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

PART C SURFACE WINDS

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

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through 1963, and in tens of degrees starting in January 1964. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided.

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

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

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

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

      (1) Annual - all hours combined

      (2) By month - all hours combined

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

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

C

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

(FROM DAILY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS

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

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

(FROM DAILY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____

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

SMOS

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

E 3

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	1.	1.		.								.4	4.
NNE	1.4	2.	1.									.	4.9
NE	.4	4.3	.	.								.	5.3
ENE	2.	1.	1.	.								.7	.
E	1.	.4										1.	4.4
ESE		.	1.									1.	6.7
SE	.			1.								1.4	7.3
SSE		.										.	4.
S	1.	.	.	.	.							2.	5.8
SSW	.		.	.								1.4	7.3
SW		.	.									1.	.
WSW	.	.										1.	5.1
W		1.	1.									2.	5.7
WNW	1.	.	1.									2.	5.6
NW	1.	1.										1.	3.
NNW	.	.		.								1.	.
VARBL													
CALM												.	
	11.	21.	4.7	7.	.5							100.	2.6

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 13

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

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

3

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													
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

3

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

E 3

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•									6•	5•
NNE	•	•										•	3•
NE	•	•	•									1•	5•
ENE	•	•	•	1•								•	•
E	•	•	1•									•	3•
ESE		1•										1•	4•
SE	•											•	•
SSE	•	•										2•	3•
S				•								1•	1 •
SSW	•	•	•									•	5•
SW													
WSW													
W													
WNW	•											•	2•
NW													
NNW													
VARBL													
CALM												5•	
	•	1•	•	2•								8•	3•

TOTAL NUMBER OF OBSERVATIONS

SMOS

3

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

L
3

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

H 3

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		•	•									1•	7•
NNE			•									•6	•
NE													
ENE			•									•3	•
E	•	•										1•2	4.5
ESE		•										•	3•
SE		•										•	3•
SSE	•	•										3•	4•
S	•	•	6•5	1•								1•7	5•6
SSW	•	•	2•									1•6	4•
SW	•	•	•									13•	6•1
WSW	•	3•3	•	•								1•4	7•2
W	•	5•4	4•	2•4								1•5	•4
WNW		•	•	2•1								12•3	•7
NW			•									•2	•2
NNW				•								•	12•
VARBL													
CALM												•	
	1•7	7•	31•7	•7								1 D•7	4•7

TOTAL NUMBER OF OBSERVATIONS 3

SMOS

E 3

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.									.	.
NNE	1.	1.										.	3.
NE													
ENE	.											.	.
E	.											.	2.
ESE													
SE	.											.	.
SSE	.				.							.	1.
S	.		1.			1.						.	11.7
SSW	1.	1.	1.									.	4.7
SW													
WSW	.			1.								.	1.3
W	.	2.	1.									.	4.4
WNW													
NW	1.											1.	2.
NNW	1.											1.	2.
VARBL													
CALM												4.	
	7.	.	.	1.	1.	1.						10.	2.3

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

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.)

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SPEED (KNTS) DIR.	1 - 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												1.1	3.5
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												6.7	
													1.3

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

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													
NNE													
NE													
ENE													
E													
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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				•								•	1 •
NE			•									•	•
ENE													
E													
ESE			•									•	•
SE			•									•	•
SSE	•	2•	1•									•	•
S	1•	5•	•									1•	5.6
SSW	1•	3.7	•	•5								14•	6.7
SW	•	5•	•	1.4								15•	7•
WSW	1•	4•	•	1•								17.1	7.7
W	1•	4•	1•	5.7	•5	1•						12.1	9•
WNW		•	•	2•								3•	11.1
NW		•	•									1•	•5
NNW													
VARBL													
CALM												2•	
	5•	1•	4•	12•	•5	1•						100•	••

TOTAL NUMBER OF OBSERVATIONS 1

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L.S.T.)

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

E
3

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

L
3

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

3

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

E 3

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	•	1•										?•	2•
NNE	•	4•	•									•	4•
NE	•	4•	•									•	4.7
ENE	•	•	•									•	•
E	1•	•										•	3
ESE	1•	•										•	.3
SE	•	•										1•	3•
SSE			•									•	7•
S	1•											1•	2.5
SSW		1•										1•	4.5
SW	•	•	•	•								2•	6•
WSW													
W		•	•									3•	•
WNW		1•										1•	4.5
NW													
NNW	•											•	2•
VARBL													
CALM												4?•	
	1•	1•	•	.7								10•	3.3

TOTAL NUMBER OF OBSERVATIONS 11

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•	4•7
NE		•	•									1•	•9
ENE	•	•										1•	3•
E	•											•	•
ESE		•										•	4•
SE	•											•	2•
SSE	•	•	•	•	•							•	7•
S	•	10•	•									20•	•1
SSW		11•	•	1•								17•	•
SW	•	•	•	1•								11•	6•9
WSW	•	•	•	1•								12•	7•1
W	•	•	•	2•								15•	•6
WNW		1•	1•	•								3•	7•7
NW													
NNW	•	•										1•	3•
VARBL													
CALM												•	
	1•	4•	2•	6•5	•5							10•	5•6

TOTAL NUMBER OF OBSERVATIONS 5

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			•									•	10.5
NE													
ENE		•										•	•
E													
ESE													
SE													
SSE			•	1•								2•	13.6
S	•	•	•	1.4								12•	7.7
SSW		•	•	1•								13.5	•1
SW	•	•	10.1	1.4								7E.5	.6
WSW		•	1•	4.2								11•	9.6
W	•	1•	1•	6.2	•							2.6	8.9
WNW			1•	1•								2.7	11.2
NW			•									•	7.2
NNW													
VARBL													
CALM												•	
	1.2	1.2	52.2	14.4	.2							10.2	.2

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

TOTAL NUMBER OF OBSERVATIONS 1

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS

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	•											•	•
NNE													
NE													
ENE													
E	•	•										•	•
ESE													
SE	•											•	2 •
SSE		•										•	4 •
S	•											•	1 •
SSW	•											•	2 •
SW													
WSW													
W													
WNW													
NW		•										•	4 •
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

ALL TIME
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

3

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

3

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

3

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

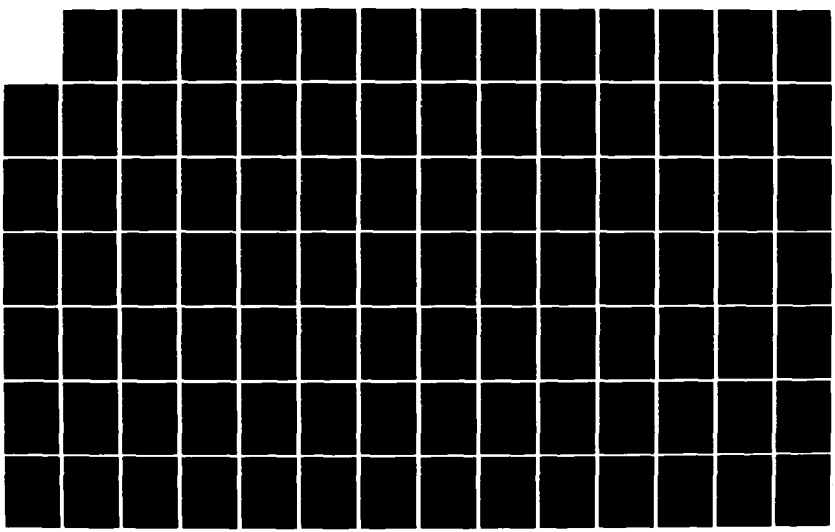
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW				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

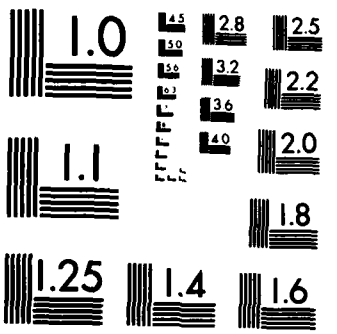
TOTAL NUMBER OF OBSERVATIONS

SMOS

AD-A150 482 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) 2/4
CAMP PENDLETON CALIFORNIA(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

SURFACE WINDS

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

STATION | STATION NAME | YEARS -71,77-74 | MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E	•											•	2•
ESE													
SE	•											•	•
SSE	•		•									•	•
S	•	•										•	•
SSW	•	15•	•									2•	5•1
SW	•	1 •	•									•	•7
WSW		•	•									•	7•
W		•										•	4•
WNW													
NW													
NNW													
VARBL													
CALM												•	
	••	•1	12•7									1 D•	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
[illegible]	[illegible]	[illegible]	MAY

CLASS: ALL [illegible]

HOURS (L.S.T.): 22

CONDITION:

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

TOTAL NUMBER OF OBSERVATIONS: [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION: [illegible] | STATION NAME: [illegible] | YEARS: 57-7 | MONTH: [illegible]

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	•	•										•	•
NNE	•	•										•	2.6
NE	•	•	•									1.2	4.6
ENE	•	•	•									1.	4.3
E	•	•										1.	2.
ESE	•	•	•									•	4.3
SE	1.	•	•									2.	3.
SSE	1.	•	1.	•								1.2	6.1
S	1.	•	3.	•								1.	5.0
SSW	1.	•	•	1.1	.1							1.	7.2
SW	•	4.1	7.	1.	.1							13.	8.1
WSW	•	5.	6.1	7.1	.1							12.7	8.9
W	•	5.	5.	1.								9.9	7.7
WNW	•	•	•	•								2.6	6.3
NW	•	.1										.4	2.5
NNW	•	•										.4	2.
VARBL													
CALM												1.	
	11.	34.	34.	1.	.3							100.	5.7

TOTAL NUMBER OF OBSERVATIONS: [illegible]9

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	• 7											• 7	2 • 5
NE													
ENE													
E	• 3											4 • 7	3 •
ESE	• 3	4 • 7										• 7	3 • 7
SE													
SSE													
S													
SSW													
SW	•											4 • 7	2 • 3
WSW													
W													
WNW													
NW													
NNW	•											4 • 7	3 • 5
VARBL													
CALM												• 5	
	• 1	9 • 7										1 0 • 3	• 3

TOTAL NUMBER OF OBSERVATIONS 7 .

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] BENDLETON, OR	6 -71,73-75	JUL

CLASS: ALL DATE

CONDITION:

HOURS (L.S.T.): 07

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	1.1										1.[illegible]	[illegible]
NNE	[illegible].4	1.1										4.5	[illegible].1
NE	[illegible].2	[illegible]										2.[illegible]	2.[illegible]
ENE	1.1	1.[illegible]										[illegible].[illegible]	[illegible].4
E	[illegible]	[illegible]										[illegible].4	2.[illegible]
ESE	[illegible].1	1.1										[illegible].2	[illegible].3
SE		1.1	[illegible]									1.[illegible]	6.3
SSE	[illegible].1	[illegible]										1.[illegible]	3.3
S	[illegible].[illegible]	[illegible].[illegible]	[illegible]									[illegible].1	3.[illegible]
SSW	[illegible].2	[illegible]										[illegible].[illegible]	2.6
SW		[illegible].1										1.1	[illegible].[illegible]
WSW	[illegible].4	1.1										[illegible].5	[illegible].[illegible]
W	[illegible]	[illegible]										[illegible].6	2.3
WNW	[illegible].1	[illegible]										1.[illegible]	3.[illegible]
NW	[illegible].1	[illegible]										1.[illegible]	3.3
NNW													
VARBL													
CALM												[illegible].[illegible]	
	[illegible].[illegible]	15.1	1.1									1 0.[illegible]	1.4

TOTAL NUMBER OF OBSERVATIONS: [illegible]7[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]	J[illegible]

ALL [illegible]
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE	•											•	2.[illegible]
NE													
ENE	•											•	[illegible]
E	•											•	3.[illegible]
ESE													
SE	1.[illegible]	1.[illegible]										[illegible]	3.[illegible]
SSE	1.	1.[illegible]	1.									[illegible]	[illegible]
S	[illegible]	1 .[illegible]	[illegible]	1.								1[illegible]	5.3
SSW	•	13.[illegible]	6.7									2[illegible].1	5.7
SW	2.	4.	[illegible].[illegible]	1.[illegible]								1[illegible].4	6.6
WSW	[illegible].4	.7	4.3	.[illegible]								15.[illegible]	5.9
W	1.	[illegible].4	6.[illegible]	.[illegible]								11.[illegible]	7.3
WNW		1.[illegible]	.[illegible]									2.4	5.4
NW													
NNW													
VARBL													
CALM												4.[illegible]	
	1[illegible].[illegible]	4[illegible].[illegible]	2[illegible].4	[illegible].[illegible]								1 0.[illegible]	5.6

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible] PENDLETON, OR	6[illegible]-7[illegible]	JUN

CLASS: ALL WEATHER

CONDITION:

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE			•									•[illegible]	7.0
ENE													
E													
ESE													
SE			•									.5	[illegible].[illegible]
SSE	•		2.4									2.[illegible]	7.[illegible]
S	1.[illegible]	[illegible].[illegible]	7.[illegible]	•[illegible]								1[illegible].3	6.9
SSW		[illegible].	1[illegible].[illegible]	2.4								1[illegible].7	8.5
SW		4.	13.[illegible]	4.[illegible]								21.5	[illegible].8
WSW		[illegible].	12.[illegible]	[illegible].1								23.[illegible]	[illegible].7
W		[illegible].	11.[illegible]	[illegible].[illegible]	•[illegible]							17.2	9.2
WNW													
NW													
NNW													
VARBL													
CALM												•	
	[illegible].[illegible]	21.[illegible]	[illegible]7.4	1[illegible].7	•[illegible]							1 0.[illegible]	.6

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

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			•									•	7.5
ENE													
E													
ESE													
SE													
SSE		1•	1.7									2•	7.7
S	•	7.5	6.3	•								17.3	6.9
SSW	•	•	13.1	1.6								21•	7.2
SW		7.3	10•	1.3								18.3	7.8
WSW		6.5	12.1	1.5								25.1	6.6
W		7•	7.6	4.5								14.4	8.7
WNW													
NW													
NNW													
VARBL													
CALM												•	
	7.1	30.3	52.7	15.1								100.1	7.1

TOTAL NUMBER OF OBSERVATIONS 1 9

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

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

3

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH J L

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	•											•	2•
NNE													
NE	•											4•	2•
ENE													
E													
ESE													
SE												•	5•
SSE		•											
S													
SSW													
SW												•	2•
WSW	•											4•	4•
W		•										4•	2•
WNW	•												
NW												4•	2•
NNW	•												
VARBL												5•	
CALM													
	•	•										1 •	•

TOTAL NUMBER OF OBSERVATIONS 2

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	•											•	2.
NNE	•											•	2.
NE		•										•	4.
ENE													
E	•											•	2.
ESE													
SE	•											•	2.
SSE	•											•	2.
S	•											•	2.
SSW													
SW	•											•	1.
WSW													
W	•											•	2.
WNW													
NW													
NNW													
VARBL													
CALM												4.	
	41.	4.										1 0.	1.1

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]	6-71, 77-[illegible]	J[illegible]

CLASS: ALL [illegible]

CONDITION:

HOURS (L S T.): [illegible]

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]											2.	2.6
NNE	1.	.										2.	2.?
NE	.	1.										1.	4.
ENE	.	1.										3.	2.
E	.											.	2.
ESE	.	.										2.	.
SE		1.	.									1.	.
SSE	.	1.	.									.	4.
S	.	.										3.	2.
SSW	.	.										.	2.3
SW	.											.	.
WSW	1.	1.										1.	2.7
W	.	1.										5.	.1
WNW	1.	1.										2.	3.
NW	1.	.										2.	2.4
NNW	.	.										1.	4.
VARBL													
CALM												1.	
	2[illegible]	12.	1.									1 3.	1.2

TOTAL NUMBER OF OBSERVATIONS: 1

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS

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													
NNE													
NE													
ENE			•									• 4	7 •
E	•											•	•
ESE		•										•	•
SE													
SSE		1 •	•									2 •	5 • 3
S	• 1	1 • 1	5 •									1 •	5 • 7
SSW	5 •	1 •	7 •									1 •	5 • 5
SW	•	5 • 3	5 •									1 • 7	5 • 5
WSW	1 •	5 •	5 •	• 5								1 4 •	5 • 5
W	1 • 5	7 •	6 • 5	• 4								1 • 3	5 • 4
WNW	• 5	• 5		• 4								1 • 3	5 • 3
NW		•										• 5	5 • 5
NNW													
VARBL													
CALM												5 •	
	11 • 5	4 • 1	32 • 5	1 • 5								1 0 • 1	5 • 6

TOTAL NUMBER OF OBSERVATIONS 2

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH: JUL

CLASS: ALL

HOURS (L.S.T.): 1

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E	•											•	2.[illegible]
ESE			•									.4	[illegible]
SE		•										•	[illegible]
SSE			•									.4	[illegible]
S	•	[illegible]	[illegible]	1.[illegible]								1[illegible].4	[illegible].6
SSW	•	[illegible]	14.[illegible]	1.[illegible]								1[illegible].4	[illegible].7
SW		[illegible].4	11.[illegible]	[illegible].[illegible]	.4							[illegible]1.1	[illegible].4
WSW	•	[illegible].4	11.[illegible]	4.[illegible]	.4							[illegible].	[illegible].[illegible]
W		[illegible].	1[illegible].[illegible]	[illegible].4								21.[illegible]	8.9
WNW			.[illegible]	.[illegible]								1.[illegible]	11.7
NW													
NNW													
VARBL													
CALM												.[illegible]	
	.[illegible]	1[illegible].[illegible]	[illegible]1.[illegible]	17.7	.[illegible]							1[illegible].[illegible]	[illegible].7

TOTAL NUMBER OF OBSERVATIONS [illegible]2

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L.S.T.)

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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

CLASS: ALL [illegible]

CONDITION:

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE	1.											1.[illegible]	2.0
ENE													
E		1.										1.[illegible]	3.[illegible]
ESE													
SE	1.		1.[illegible]									3.	[illegible].5
SSE	[illegible].	1.[illegible]										[illegible].	[illegible].
S	.	1[illegible].1	1.[illegible]									1 .2	4.3
SSW	.[illegible]	1[illegible].7	2.[illegible]									[illegible].9	4.5
SW	.1	1[illegible].	[illegible].2									[illegible].8	5.4
WSW	[illegible].	1 .1	1.[illegible]									13.	4.4
W	1.[illegible]	[illegible].										[illegible].1	4.3
WNW													
NW													
NNW													
VARBL													
CALM												1.	
	[illegible].3	[illegible].	1[illegible].									1 [illegible].	4.[illegible]

TOTAL NUMBER OF OBSERVATIONS 7

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: [illegible]

HOURS (L.S.T.): 12

CONDITION:

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

TOTAL NUMBER OF OBSERVATIONS: 2

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS

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													
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	•											•	2.5
NNE	•	1.										1.	4.
NE	1.	1.										2.	3.
ENE	1.	1.										2.	•
E	•											•	2.
ESE													
SE													
SSE													
S		•										•	4.
SSW	•											•	2.
SW													
WSW	•	1.										2.	3.
W	•											1.	3.
WNW	•											1.	2.
NW													
NNW	•	1.										5.	1.
VARBL													
CALM												5.4	
	2.1	11.										100.	1.1

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

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S T.)

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

3

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 •
NE													
ENE													
E													
ESE													
SE			•									1 •	•
SSE		•										•	6 •
S		•	•	•								1 •	•
SSW		•	11 •									1 •	• 1
SW		•	1 •	•	•							4 •	•
WSW		•	1 •	•								4 •	•
W		•	11 •	•	•							1 •	1 • 1
WNW		•	•									1 •	•
NW													
NNW													
VARBL													
CALM												•	
		•	•	32 •	•							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	• 1	•	•	1 • 1								1 • 1	• 6
SSW	•	•	1 •	1 •								1 •	7 •
SW	•	•	1 •	•	•							• 1	•
WSW		•	14 •	• 6								24 • 6	• 4
W		•	1 •	2 •	•							16 •	• 9
WNW			•									•	7 •
NW													
NNW													
VARBL													
CALM												•	
	•	•	55 •	1 •	1 • 1							1 6 •	•

TOTAL NUMBER OF OBSERVATIONS 1

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L.S.T.)

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

3

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	•												
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW	•												
SW													
WSW													
W												13.	2.3
WNW													2.
NW													
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													
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 5

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	•	•										•	2.7
NNE	•	1.	•									•	
NE	•	4.	•									•	
ENE	•	2.	•									•	
E	•	1.	•									•	4.
ESE	•											•	1.
SE	•	•										1.	
SSE	•	•		•								1.	
S	•	•										•	2.
SSW	1.											1.	2.
SW	•											•	
WSW	•	•										•	3.
W	1.4	•											
WNW		1.	•										5.6
NW	•	1.										1.	
NNW	•											1.	2.
VARBL													
CALM												•	
	1.	1.		•								1	1.

TOTAL NUMBER OF OBSERVATIONS 11

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	•	•										1•	7•
ESE			•									•	•
SE	1•		•									1•	5•
SSE	•	1•	1•									•	•4
S	•	•	•									1•	4•1
SSW	•	•	•									1•7	5•7
SW	•1	•	4•									14•	7•6
WSW	•	1•7	•									•7	5•7
W	•1	•4	•7	•7								1•	•1
WNW	•	•4	•									1•	•3
NW	•1											•	2•
NNW	•											•	2•
VARBL													
CALM												•7	
	2 •2	44•	27•	•5								1•2	•5

TOTAL NUMBER OF OBSERVATIONS 2 3

SMOS

3

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH: 1

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

3

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				•								•	1 •
SE													
SSE	•	•	•									•	•
S		•	•	•								1 •	7 •
SSW	•	•	•									1 •	•
SW		•	•	1 •								•	•
WSW		•	1 •	1 •		•						•	•
W	•	4 •	1 •	•								2 • 1	•
WNW			•									1 •	•
NW		•										•	•
NNW													
VARBL													
CALM												•	
	•	•	57 •	•		•						1 •	•

TOTAL NUMBER OF OBSERVATIONS 1

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L.S.T.)

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

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

3

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

3

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	•											1.2	2.[illegible]
NNE	•	•										[illegible]	[illegible]
NE	•	•										[illegible]	3.[illegible]
ENE	•	•										•	2.[illegible]
E	•	1.	1.									1.[illegible]	[illegible].4
ESE	•	•										[illegible]	[illegible]
SE		•										•	4.
SSE													
S	•											2.	2.
SSW		•										[illegible]	4.
SW													
WSW	•											[illegible]	[illegible]
W	•											1.[illegible]	2.
WNW	•											2.[illegible]	2.[illegible]
NW	•											1.[illegible]	1.[illegible]
NNW													
VARBL													
CALM												1.[illegible]	
	[illegible]	[illegible]	[illegible]									[illegible].[illegible]	1.[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 _____

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•	•
NE	•	•	1•	•								•	•
ENE	•	2•	1•	•								•	•
E	•	1•	•									•	.4
ESE		•										•	•
SE													
SSE	•											1•	•
S	•	•										3•	3•
SSW													
SW	•		•									•	•
WSW	•											•	•
W	•	•										2•	2•
WNW	•											1•	2•
NW			•									•	7•
NNW	•	1•										1•	1•
VARBL													
CALM												5•	
	2 •	1•	•	1•								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

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													
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												1.1	
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW				1.1									
W		17.	11.	4.									7.1
WNW			5.									7.	
NW												1.	7.7
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	1.											1.	.
NNE	.											2.	3.
NE	.	.										1.	.
ENE	.	.										.	2.
E	.	.										.	.
ESE	.											1.	1.
SE	.											1.	.
SSE	.											1.	2.
S		.										.	.
SSW													
SW	.	1.										.	.
WSW													
W	.											.	1.
WNW	.											1.	1.
NW													
NNW													
VARBL													
CALM												.	
	.	1.										1.	1.

TOTAL NUMBER OF OBSERVATIONS 7

SMOS

3

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH L

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	X	X	X	X	X	X	X	X	X	X	X		

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 _____

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

3

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

E 3

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) 1

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

3

NAVAL GEOPHYSICAL 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

3

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

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.) ALL

CONDITION _____

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

3

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		•										•	4.5
NNE	• 1	•										•	3.3
NE	• 1	•	• 1									1 •	4.2
ENE													
E	•											•	2.5
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW		•										• 1	•
W	•		•									•	4.3
WNW													
NW	• 1											•	2.5
NNW													
VARBL													
CALM												4 •	
	1 •	•	•									•	1.3

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 _____

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

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 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													
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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

E 3

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													
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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													
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ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SMOS

3

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

3

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

3

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH L

CLASS _____

HOURS (L S T) L

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NOCD, Federal Building

Asheville, N. C.

PART D CEILING VERSUS VISIBILITY

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

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

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

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

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

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

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

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

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

PART D

ADDITIONAL EXAMPLES

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

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

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

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

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

PART D SKY COVER

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

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

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

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

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

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

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

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

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
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≥ 100																
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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																
18000																
16000																
14000																
12000																
10000																
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100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000																
≥ 18000 < 20000																
≥ 16000 < 18000																
≥ 14000 < 16000																
≥ 12000 < 14000																
≥ 10000 < 12000																
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≥ 100 < 200																
0 < 100																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS

DEPARTMENT OF THE NAVY

NAVAL WEATHER SERVICE DETACHMENT [illegible]

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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≥ 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)															
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DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

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DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

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DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

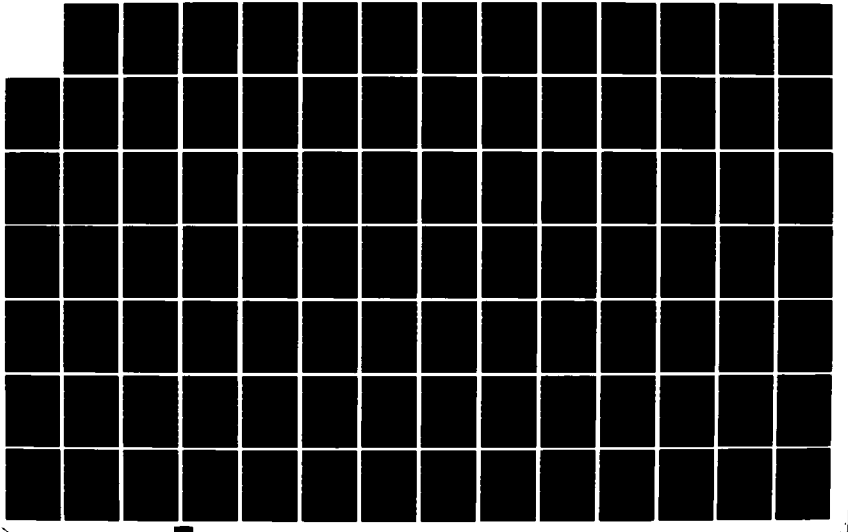
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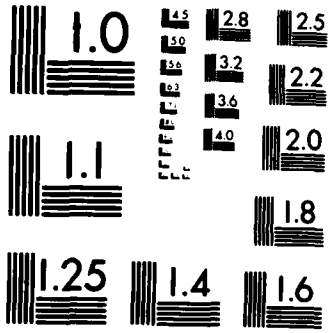
TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

AD-A150 482 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) 3/4
CAMP PENDLETON CALIFORNIA(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 _____

HOURS (L S T) _____

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

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CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
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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																
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≥ 2500 2000																
≥ 1800 1500																
≥ 1200 1000																
≥ 900 800																
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≥ 300 200																
≥ 100 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH

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																
VIA 18000																
VIA 16000																
VIA 14000																
VIA 12000																
VIA 10000																
VIA 9000																
VIA 8000																
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VIA 700																
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VIA 100																
VIA 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																
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≥ 6000 ≥ 5000																
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≥ 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: MAY | HOURS (L S T): 7

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING					1.4											
≥ 20000																
≥ 18000																
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
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NO CEILING																
≥ 20000																
AVAI 18000																
AVAI 16000																
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
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NO CEILING																
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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

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NO CEILING																
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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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(FROM HOURLY OBSERVATIONS)

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NO CEILING ≥ 20000																
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
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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																
14000 12000																
10000 9000																
8000 7000																
6000 5000																
4500 4000																
3500 3000																
2500 2000																
1800 1500																
1200 1000																
900 800																
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500 400																
300 200																
100 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

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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≥ 700																
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≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
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≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS _____ _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ACHEVILLE, 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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≥ 3500 ≥ 3000																
≥ 2500 ≥ 2000																
≥ 1800 ≥ 1500																
≥ 1200 ≥ 1000																
≥ 900 ≥ 800																
≥ 700 ≥ 600																
≥ 500 ≥ 400																
≥ 300 ≥ 200																
≥ 100 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
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100																
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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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≥ 3500 ≥ 3000																
≥ 2500 ≥ 2000																
≥ 1800 ≥ 1500																
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≥ 900 ≥ 800																
≥ 700 ≥ 600																
≥ 500 ≥ 400																
≥ 300 ≥ 200																
≥ 100 ≥ 0																

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000																
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4500 4000																
3500 3000																
2500 2000																
1800 1500																
1200 1000																
900 800																
700 600																
500 400																
300 200																
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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 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

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																
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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																
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6000 5000																
4500 4000																
3500 3000																
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1800 1500																
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900 800																
700 600																
500 400																
300 200																
100 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000																
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≥ 3500 ≥ 3000																
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≥ 1800 ≥ 1500																
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≥ 900 ≥ 800																
≥ 700 ≥ 600																
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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	≥ ⅜	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000																
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≥ 3500 ≥ 3000																
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≥ 1800 ≥ 1500																
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≥ 900 ≥ 800																
≥ 700 ≥ 600																
≥ 500 ≥ 400																
≥ 300 ≥ 200																
≥ 100 ≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

ALL
HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, N.C.

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

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

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	≥ ⅜	≥ 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)

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DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

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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500 400																
300 200																
100 0																

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
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≥ 100 ≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

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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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DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

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STATION | STATION NAME | YEARS | MONTH

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DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

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

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

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HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 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) 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																
≥ 6000 ≥ 5000																
≥ 4500 ≥ 4000																
≥ 3500 ≥ 3000																
≥ 2500 ≥ 2000																
≥ 1800 ≥ 1500																
≥ 1200 ≥ 1000																
≥ 900 ≥ 800																
≥ 700 ≥ 600																
≥ 500 ≥ 400																
≥ 300 ≥ 200																
≥ 100 ≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET 5/OS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS L S T

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

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														

3

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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3

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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3

SKY COVER

STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

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SKY COVER

STATION _____ STATION NAME _____ PERIOD _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

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3

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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3

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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3

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														

3

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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3

SKY COVER

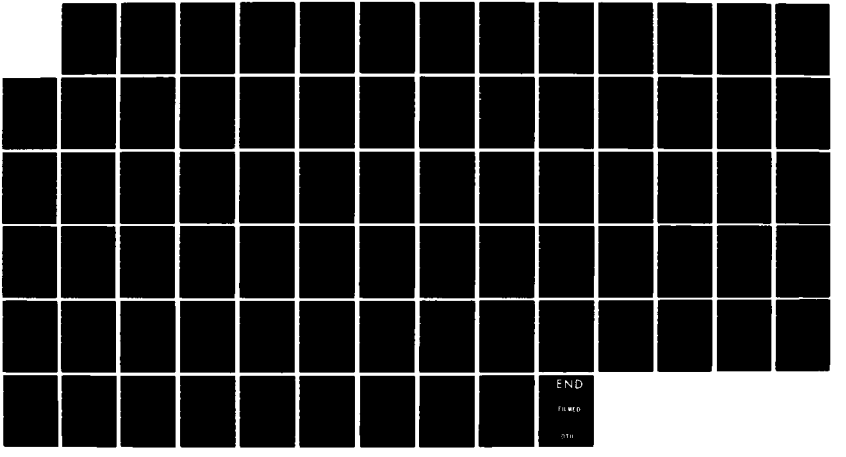
STATION _____ STATION NAME _____ PERIOD _____ MONTH _____

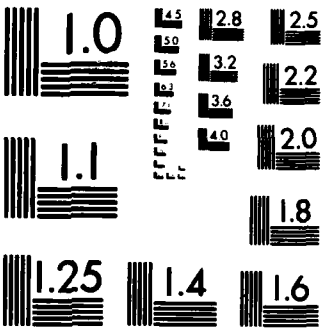
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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														1

AD-A150 482 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) 4/4
CAMP PENDLETON CALIFORNIA(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

3

SKY COVER

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
N	01	3 .			[illegible]						[illegible]	32.7	[illegible]	[illegible]
	[illegible]	35.7			[illegible]						[illegible]	24.5	4.4	[illegible]
	[illegible]	25.7			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	2 .4			[illegible]						[illegible]	17.2	[illegible]	21
	13	[illegible]			[illegible]						[illegible]	[illegible]	4.6	[illegible]
	[illegible]	26.[illegible]			[illegible]						[illegible]	19.2	4.5	[illegible]
	[illegible]	27.			[illegible]						[illegible]	23.[illegible]	4.6	[illegible]
	[illegible]	34.1			[illegible]						[illegible]	[illegible]	[illegible]	4
TOTALS		[illegible]			[illegible]						[illegible]	22.2	4.3	[illegible]

3

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		
	01	4			14.						1 .7	22.	.2	
		4			22.9						12.5	1 .8	.7	
		26.			24.						2 .5	2.9	.7	1
		2 .			.7						1.	2.3	5.1	2
	1	26.			1.7						2 .4	15.4	.9	
	1	2 .7			3 .7						1 .7	11.9	4.3	
		30.3			25.						2 .4	14.5	4.7	
	2	3 .			34.						11.	18.6	.9	3
TOTALS		3.7			26.						21.5	1 .4	4.6	79

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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		
	ALL													
TOTALS														

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PART E PSYCHROMETRIC SUMMARIES

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

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

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

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

   a. Extreme maximum temperature
   b. Extreme minimum temperature

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

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

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

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

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

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

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

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

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

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

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

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

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

DAILY TEMPERATURES

STATION | STATION NAME | 6 -7 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.	1.4	2.3		1.	1.	11.6		1 .3	14.3	4.2	
≥			4.	6.	11.	4.		31.8		37.	26.3	21.2	.6
≥			9.	14.3	14.4	16.	19.5	65.		43.7	45.9	28.8	5.6
≥			21.9	27.8	26.	38.	4 .6	89.9		68.5	79.	55.	25.4
≥			43.2	48.1	54.	69.9	88.1			87.7	88.1	4 .2	
≥			80.8	86.5	89.4	97.1						77.	
≥			96.6	99.								94.4	
≥												0.0	
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
MEAN													
S. D.													
TOTAL OBS.													

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DAILY TEMPERATURES

STATION: [illegible] STATION NAME: [illegible] YEARS: [illegible] INTM [illegible]

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥ [illegible]								[illegible]	[illegible]				[illegible]
≥ [illegible]							11.[illegible]	33.6	26.7				[illegible]
≥ [illegible]					1.	17.[illegible]	[illegible]	7[illegible]	66.7	1[illegible].	.[illegible]		[illegible].2
≥ [illegible]5	.[illegible]	[illegible].4	3.[illegible]	[illegible].6	34.[illegible]	71.7	87.5	92.	[illegible]5.9	[illegible].2	11.[illegible]	1.6	3[illegible].5
≥ [illegible]	15.	19.5	25.0	2[illegible].0	6[illegible].9	90.6	[illegible]8.4	99.3	[illegible].3	62.6	33.9	5.7	53.3
≥ 4	[illegible]1.2	43.[illegible]	48.5	5[illegible].0	93.2	100.0	100.0		1[illegible]0.0	7[illegible].4	58.5	28.6	6[illegible].3
≥ [illegible]	6[illegible].9	73.1	[illegible]0.3	8[illegible].4	100.0			100.0		[illegible]8.5	83.1	52.4	87.[illegible]
≥ 3	[illegible]5.6	[illegible]6.6	96.2	98.1						100.0	[illegible]9.2	81.[illegible]	96.1
≥ 3	[illegible]	100.0	100.0	1[illegible]0.0							100.0	97.6	99.[illegible]
≥ [illegible]	[illegible]0.0											100.0	100.0
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
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MEAN	4[illegible].	44.	44.[illegible]	4[illegible].[illegible]	52.1	55.[illegible]	[illegible]	62.[illegible]	[illegible].7	[illegible]1.3	40.[illegible]	40.7	[illegible].4
S.D.	[illegible]1	5.416	5.8[illegible]	5.5[illegible]6	4.565	3.688	4.47[illegible]	4.7[illegible]3	[illegible]	6.407	6.199	5.45[illegible]	9.[illegible]
TOTAL OBS.	1[illegible]	146	1[illegible]	1[illegible]4	1[illegible]	106	128	137	135	131	11[illegible]	126	1[illegible]

NAVWEASERVCOM

3

DAILY TEMPERATURES

STATION [illegible] STATION NAME [illegible] 6 -7 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
≥								•[illegible]	2.2	•			•
≥							•[illegible]	1[illegible].[illegible]	11.[illegible]	[illegible].1			•
≥	[illegible]			•	1.[illegible]		[illegible].[illegible]	41.4	72.3	5 .4	1 .7	1.[illegible]		1[illegible].9
≥	[illegible]	.[illegible]	1.4	1.[illegible]	6.7	14.[illegible]	36.7	89.8	96.5	92.[illegible]	7[illegible].9	11.	.[illegible]	33.7
≥		[illegible]1.	13.[illegible]	15.7	[illegible]2.1	[illegible]5.[illegible]	[illegible]7.7	99.[illegible]	100.0	10 .[illegible]	[illegible]6.3	5[illegible].[illegible]	[illegible].7	[illegible].[illegible]2
≥	[illegible]	43.1	4[illegible].3	59.[illegible]	[illegible]3.[illegible]	[illegible]2.2	100.0	100.0			7.7	8[illegible].[illegible]	[illegible]2.5	7[illegible].[illegible]
≥	[illegible]	7[illegible].1	[illegible]4.[illegible]	[illegible]3.[illegible]	1[illegible].0	1[illegible].0					[illegible]9.[illegible]	100.0	[illegible]6.[illegible]	[illegible]9.[illegible]
≥	4[illegible]	8.7	1[illegible].0	100.0						[illegible]00.0		[illegible]6.[illegible]	[illegible]9.[illegible]
≥		[illegible]0.0										[illegible]00.0	10[illegible].[illegible]
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MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	71.4	[illegible].1	[illegible].6	[illegible]	[illegible].7	[illegible]
S. D.	[illegible].15	[illegible].[illegible]2	[illegible].1[illegible]1	4.[illegible]3	[illegible].77	[illegible].[illegible]	[illegible].[illegible]0	[illegible].[illegible]3	4.243	4.[illegible]2	4.[illegible]6	4.7[illegible]7	7.[illegible]
TOTAL OBS.	[illegible]	1[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]1	[illegible]1	[illegible]	[illegible]

NAVWEASERVCOM

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible]	1967-1972	[illegible]

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP EXTREME DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP EXTREME DATE
1	[illegible]	11.[illegible]	[illegible]	21.1	[illegible]	23.[illegible]	[illegible]	[illegible].5	2.[illegible]	[illegible]	-1.7	197[illegible]
2	[illegible]	12.2	[illegible]	19.3	71	21.[illegible]	1969	43.0	6.1	[illegible]	3.3	1969
3	[illegible]	11.3	65.6	19.2	72	22.[illegible]	1969	[illegible]	3.3	[illegible]	[illegible]	197[illegible]
4	[illegible]	11.[illegible]	[illegible].2	18.4	[illegible]	[illegible].[illegible]	1967	43.7	6.5	[illegible]	[illegible]	19[illegible]
5	[illegible]	10.2	[illegible].7	18.2	[illegible]	24.1	1969	36.[illegible]	2.2	[illegible]	-2.2	1971
6	[illegible]	11.6	[illegible].2	20.1	[illegible]	23.[illegible]	1969	37.6	3.1	[illegible]	-.6	1972
7	[illegible]	11.[illegible]	65.[illegible]	17.[illegible]	[illegible]	22.[illegible]	197[illegible]	[illegible].[illegible]	2.[illegible]	[illegible]	.6	1972
8	[illegible]	[illegible].[illegible]	[illegible].7	15.9	[illegible]	18.[illegible]	197[illegible]	37.5	3.1	[illegible]	-1.7	1971
9	[illegible]	11.1	[illegible].4	16.[illegible]	67	19.4	197[illegible]	41.[illegible]	5.[illegible]	[illegible]	1.1	1971
10	[illegible]	11.[illegible]	[illegible]3.[illegible]	17.2	[illegible]	1[illegible].[illegible]	197[illegible]	47.6	8.4	[illegible]	.[illegible]	1972
11	[illegible]4.[illegible]	12.7	[illegible]6.[illegible]	19.1	76	24.4	1967	43.3	[illegible].[illegible]	[illegible]	.[illegible]	1972
12	[illegible]4.[illegible]	12.7	[illegible]4.3	17.[illegible]	74	23.[illegible]	197[illegible]	4[illegible].[illegible]	7.[illegible]	[illegible]	1.1	1972
13	[illegible].2	11.[illegible]	[illegible]0.6	15.[illegible]	67	17.2	197[illegible]	45.[illegible]	7.[illegible]	[illegible]	3.9	1972
14	4.[illegible]	12.[illegible]	[illegible]3.[illegible]	17.2	66	18.9	1[illegible]72	46.[illegible]	7.[illegible]	[illegible]	3.9	1971
15	5.[illegible]	12.[illegible]	[illegible]5.2	18.[illegible]	71	21.[illegible]	1971	45.2	7.3	[illegible]	1.1	1971
16	4.[illegible]	12.3	62.[illegible]	17.1	74	23.3	1971	45.6	7.6	[illegible]	2.2	1971
17	[illegible]1.[illegible]	[illegible]1.0	[illegible]0.2	15.[illegible]	63	17.2	1970*	43.4	6.3	[illegible]	1.1	1972
18	[illegible]4.5	12.[illegible]	[illegible]5.7	18.[illegible]	86	[illegible].[illegible]	1971	43.3	6.3	[illegible]	3.[illegible]	1967
19	[illegible]4.[illegible]	12.[illegible]	[illegible]4.2	17.[illegible]	[illegible]1	[illegible]7.[illegible]	1971	44.[illegible]	7.1	[illegible]	3.3	1967
20	[illegible]3.5	12.[illegible]	[illegible]1.[illegible]	16.6	6[illegible]	[illegible]3.6	1970	46.4	7.4	[illegible]6	3.2	1967
21	[illegible]3.[illegible]	12.2	[illegible].[illegible]	15.6	64	17.[illegible]	1970	47.8	8.8	4[illegible]	4.4	1972
22	[illegible].[illegible]	13.3	[illegible]1.6	16.4	64	17.8	197[illegible]	[illegible].4	1[illegible].2	[illegible]2	5.6	1965
23	[illegible]4.[illegible]	13.[illegible]	[illegible]5.6	18.7	93	[illegible]3.3	1969	47.4	[illegible].6	44	6.7	1971
24	[illegible].4	14.1	[illegible]6.[illegible]	19.[illegible]	7[illegible]	23.[illegible]	1972	49.6	9.[illegible]	4[illegible]	4.4	1972
25	[illegible].[illegible]	12.2	[illegible]2.2	16.[illegible]	6[illegible]	18.[illegible]	1970	45.7	7.6	[illegible]1	[illegible].[illegible]	1972
26	[illegible].[illegible]	11.[illegible]	[illegible]3.[illegible]	17.2	76	24.4	1971	43.5	6.4	[illegible]	1.[illegible]	1971
27	[illegible].[illegible]	13.2	[illegible]5.4	18.[illegible]	86	[illegible].[illegible]	1971	42.4	[illegible].8	[illegible]	1.7	1972
28	4.[illegible]	12.4	67.2	19.[illegible]	84	[illegible]9.9	1971	41.4	5.2	[illegible]5	.6	1972
29	[illegible].6	12.[illegible]	65.[illegible]	18.[illegible]	84	[illegible]9.9	1971	41.4	[illegible].2	[illegible]	2.2	1969
30	[illegible].[illegible]	9.[illegible]	[illegible]0.[illegible]	15.6	6[illegible]	[illegible].[illegible]	197[illegible]	37.5	[illegible].1	[illegible]1	-.6	197[illegible]
31	[illegible].1	10.[illegible]	[illegible]2.6	17.[illegible]	[illegible]5	18.[illegible]	197	39.[illegible]	[illegible].[illegible]	[illegible]	-1.1	1972
Monthly	[illegible].4	11.9	[illegible]3.[illegible]	[illegible]7.7	[illegible]1	[illegible]3.[illegible]	1971	42.[illegible]	[illegible].1	[illegible]	-[illegible].2	1971

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible]	1967-1972	FEBRUARY

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP EXTREME DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP EXTREME DATE
1	[illegible]	12.1	[illegible]	15.7	6[illegible]	2[illegible]	1970	[illegible]	4.4	[illegible]	.6	1972
2	4[illegible]	12.3	[illegible]6.2	19.[illegible]	75	23.9	197[illegible]	42.3	5.7	[illegible]7	[illegible].8	1969
3	[illegible].7	13.[illegible]	71.3	21.[illegible]	75	23.9	197[illegible]	41.[illegible]	5.4	[illegible]5	1.7	1972
4	[illegible].7	12.1	[illegible]6.4	19.[illegible]	7[illegible]	23.9	1967	41.[illegible]	5.[illegible]	[illegible]6	[illegible].2	1971
5	[illegible]4.[illegible]	12.7	[illegible]5.[illegible]	18.3	6[illegible]	[illegible].[illegible]	197[illegible]	44.[illegible]	[illegible].1	[illegible]6	2.2	1971
6	4[illegible].[illegible]	12.3	64.6	18.1	[illegible]0	22.2	1966	43.6	6.4	[illegible]2	3.3	1971*
7	[illegible]3.[illegible]	12.1	[illegible]7.3	19.4	[illegible]4	23.9	1970	4[illegible].6	[illegible].6	[illegible]9	3.[illegible]	197[illegible]
8	[illegible].[illegible]4	13.6	[illegible]6.3	2[illegible].[illegible]	9[illegible]	32.[illegible]	1970	43.7	6.5	[illegible]0	4.4	1972
9	[illegible]6.[illegible]	13.4	67.3	19.[illegible]	8[illegible]	27.8	1971	45.[illegible]	7.2	[illegible]9	3.9	1969
10	[illegible].[illegible]	13.4	67.8	19.[illegible]	[illegible]4	23.[illegible]	1971	44.3	6.[illegible]	[illegible]7	[illegible].6	1971
11	[illegible]6.6	13.7	[illegible]6.4	20.[illegible]	[illegible]2	27.8	1971	44.[illegible]	7.1	[illegible]3	3.3	1972
12	[illegible]7.[illegible]	14.2	67.7	19.[illegible]	9[illegible]	32.[illegible]	1971	47.5	[illegible].6	4[illegible]	7.2	1971
13	5[illegible].[illegible]	13.[illegible]	[illegible]2.[illegible]	16.[illegible]	6[illegible]	18.[illegible]	1[illegible]69	4[illegible].2	[illegible].0	4[illegible]	7.[illegible]	196[illegible]
14	[illegible].[illegible]	11.[illegible]	[illegible]2.2	16.[illegible]	6[illegible]	17.2	1972*	44.4	6.9	3[illegible]	1.7	1972
15	5[illegible].[illegible]	12.[illegible]	64.[illegible]	18.[illegible]	74	23.3	1970	45.4	7.4	42	[illegible].6	197[illegible]
16	[illegible]4.[illegible]	12.7	64.[illegible]	18.[illegible]	7[illegible]	23.3	1970	44.[illegible]	7.1	4[illegible]	4.4	1972*
17	4[illegible].[illegible]	12.4	64.9	18.2	7[illegible]	21.1	1969	43.[illegible]	[illegible].6	39	[illegible].9	1972
18	[illegible].[illegible]	11.[illegible]	[illegible]5.6	18.7	74	23.3	197[illegible]	41.[illegible]	5.[illegible]	3[illegible]	2.2	197[illegible]
19	[illegible].4	11.[illegible]	[illegible]1.2	16.[illegible]	7[illegible]	21.1	1970	45.6	7.6	79	3.9	1971
20	2.[illegible]	11.3	61.4	16.3	6[illegible]	2[illegible].6	197[illegible]	43.4	6.3	36	2.2	1971
21	3.[illegible]	11.9	[illegible]3.0	17.[illegible]	67	19.4	1967	44.[illegible]	[illegible].7	34	1.1	197[illegible]
22	[illegible].4	11.4	62.2	16.[illegible]	6[illegible]	20.6	1970	43.[illegible]	[illegible].1	34	1.1	197[illegible]
23	[illegible].4	[illegible]1.9	[illegible]3.3	17.4	7[illegible]	22.[illegible]	1970	43.[illegible]	[illegible].4	37	2.8	197
24	4.[illegible]	12.3	[illegible]5.[illegible]	18.3	76	24.4	197[illegible]	43.4	6.3	3	3.3	1971
25	5.[illegible]	13.[illegible]	[illegible]6.2	19.[illegible]	[illegible]3	2[illegible].3	197	44.[illegible]	7.[illegible]	[illegible]9	3.[illegible]	1971
26	4.[illegible]	1[illegible].6	[illegible]5.[illegible]	17.[illegible]	74	23.[illegible]	1970	45.[illegible]	7.3	[illegible]7	2.8	1971
27	4.[illegible]	12.[illegible]	[illegible]5.6	18.7	[illegible]7	22.[illegible]	1[illegible]67	43.4	[illegible].3	[illegible]3	.6	1971
28	[illegible]7.[illegible]	14.4	[illegible]5.[illegible]	18.4	7	21.1	1968	50.7	10.4	43	6.1	1969
29	[illegible].	1[illegible].[illegible]	[illegible]0.[illegible]	21.4	7[illegible]	24.4	1968	49.[illegible]	[illegible].2	47	8.3	196[illegible]
30												
31												
Monthly	4.[illegible]	12.[illegible]	[illegible].[illegible]	18.4	[illegible]	32.[illegible]	1[illegible]71	44.[illegible]	[illegible].7	[illegible]3	.6	1[illegible]72

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

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

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP EXTREME DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP EXTREME DATE
1	[illegible]	13.1	[illegible]	19.2	[illegible]	22.1	1967	[illegible]	[illegible]	[illegible]	1.9	1971
2	[illegible]	11.9	[illegible]	17.2	[illegible]	21.1	1971	43.[illegible]	6.1	[illegible]	2.2	1971
3	[illegible]	11.4	[illegible]	16.3	[illegible]	22.2	1971	43.2	6.2	[illegible]	-.6	1971
4	[illegible]	13.7	[illegible]	19.3	[illegible]	32.2	1964	43.[illegible]	6.1	[illegible]	2.6	1971
5	[illegible]	11.7	[illegible]	17.7	6[illegible]	20.4	1962	42.2	5.7	[illegible]	3.9	1969
6	[illegible]	12.[illegible]	[illegible]	16.[illegible]	[illegible]	[illegible]	1970	44.[illegible]	7.1	[illegible]	4.4	1971
7	[illegible]	11.2	[illegible]	17.1	[illegible]	21.1	197[illegible]	41.5	5.3	[illegible]	[illegible]	1969
8	[illegible]	12.[illegible]	[illegible]	16.2	[illegible]	17.8	1969	46.[illegible]	7.8	[illegible]	[illegible]	1969
9	[illegible]	12.7	[illegible]	16.[illegible]	[illegible]	17.9	1970	45.[illegible]	[illegible]	[illegible]	6.1	1969
10	[illegible]	11.7	[illegible]	15.6	[illegible]	16.7	1971*	46.[illegible]	[illegible]	[illegible]	4.4	1969
11	[illegible]	11.9	[illegible]	18.1	[illegible]	23.9	1968	42.4	5.8	[illegible]	[illegible]	1969*
12	[illegible]	11.9	[illegible]	17.6	[illegible]	18.9	1970*	43.2	6.2	[illegible]	3.9	1969
13	[illegible]	12.[illegible]	[illegible]	15.9	[illegible]	[illegible]	1970	44.5	6.9	[illegible]	[illegible]	1969
14	[illegible]	13.1	[illegible]	19.2	[illegible]	26.1	197[illegible]	44.7	7.1	[illegible]	[illegible]	1969
15	[illegible]	12.7	[illegible]	19.7	[illegible]	22.2	197[illegible]	43.2	6.2	[illegible]	[illegible]	1969
16	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1971	45.[illegible]	7.8	[illegible]	[illegible]	1971*
17	[illegible]	12.[illegible]	[illegible]	18.2	[illegible]	19.4	1971*	44.5	6.9	[illegible]	[illegible]	1969
18	[illegible]	14.1	[illegible]	19.3	[illegible]	23.3	1971	47.[illegible]	[illegible]	[illegible]	[illegible]	1968
19	[illegible]	14.2	[illegible]	21.4	[illegible]	26.1	1971	44.4	6.9	[illegible]	[illegible]	1968
20	[illegible]	[illegible]	[illegible]	20.4	[illegible]	[illegible]	1970	41.2	5.1	[illegible]	.6	196[illegible]
21	[illegible]	12.3	[illegible]	[illegible]	[illegible]	[illegible]	1968	43.[illegible]	6.4	[illegible]	[illegible]	1968
22	[illegible]	14.3	[illegible]	[illegible]	[illegible]	[illegible]	1965	41.[illegible]	[illegible]	[illegible]	4.4	1969
23	[illegible]	14.4	[illegible]	20.7	[illegible]	[illegible]	197[illegible]	46.[illegible]	[illegible]	[illegible]	3.9	1969
24	[illegible]	14.3	[illegible]	[illegible]	[illegible]	26.1	1969	46.[illegible]	[illegible]	[illegible]	[illegible]	1969
25	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
26	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
27	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
29	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
30	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
31	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
Monthly	[illegible]	13.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-.6	[illegible]

*ALSO ON EARLIER YEARS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

[illegible]	[illegible]	1967-1972	APRIL
STATION	STATION NAME	YEARS	MONTH

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP EXTREME DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP EXTREME DATE
1	[illegible]	14.7	[illegible]	21.1	[illegible]	31.6	1971	49.7	9.3	42	5.6	1971*
2	57.[illegible]	14.4	67.5	19.7	82	27.8	1971	49.2	9.1	42	5.6	1971
3	[illegible].3	11.3	61.7	16.5	64	17.8	1968	43.[illegible]	6.1	41	4.4	1969
4	57.[illegible]	13.1	[illegible].[illegible]	17.9	7[illegible]	21.1	1965	41.7	5.4	38	2.2	1969
5	[illegible].5	14.7	72.[illegible]	22.2	9[illegible]	32.2	1971	45.[illegible]	7.2	41	5.0	1969
6	4[illegible].[illegible]	12.3	67.0	19.4	[illegible]0	27.8	1971	41.3	5.2	4[illegible]	4.4	1964
7	3[illegible].3	11.9	[illegible]6.3	19.1	6[illegible]	20.[illegible]	1971*	40.7	4.8	39	1.7	1969
8	57.[illegible]	13.9	7[illegible].2	21.2	8[illegible]	31.1	1968	43.7	6.5	38	3.3	1969
9	57.[illegible]	14.3	7[illegible].7	21.[illegible]	9[illegible]	32.2	1968	44.7	7.1	42	5.6	1967
10	[illegible]1.	16.6	73.7	23.2	94	34.4	1968	5[illegible].[illegible]	1[illegible].0	4[illegible]	[illegible].4	1968
11	[illegible]5.	13.[illegible]	[illegible]3.3	17.4	70	21.1	1[illegible]67	48.3	[illegible].1	42	5.6	1968
12	[illegible].[illegible]	14.[illegible]	5.5	18.[illegible]	7[illegible]	2[illegible].[illegible]	1971	51.5	10.8	46	7.8	1971*
13	[illegible].[illegible]	13.9	[illegible]5.7	18.7	7[illegible]	21.1	1971	48.3	[illegible].1	4[illegible]	7.2	1971
14	5.[illegible]	13.1	[illegible]2.0	16.7	67	19.4	1969	49.[illegible]	[illegible].4	45	7.2	1967
15	[illegible]7.1	13.[illegible]	[illegible]4.[illegible]	18.1	5[illegible]	20.6	1971	49.7	[illegible].8	43	6.1	1969
16	[illegible]5.[illegible]	13.2	[illegible]4.5	18.1	7[illegible]	23.[illegible]	1969	47.[illegible]	[illegible].3	37	2.[illegible]	1969
17	[illegible]4.[illegible]	12.2	[illegible]4.7	18.[illegible]	73	22.[illegible]	1969	43.3	6.3	3[illegible]	3.3	1969
18	[illegible].[illegible]	11.1	[illegible]4.0	17.[illegible]	66	18.9	1969	4[illegible].[illegible]	4.4	34	1.1	1965
19	[illegible]3.[illegible]	12.2	[illegible]5.[illegible]	18.3	7[illegible]	21.1	1969	42.7	5.9	39	3.9	1968
20	[illegible].[illegible]	13.[illegible]	67.3	19.[illegible]	8[illegible]	26.7	1969	45.3	7.4	4[illegible]	5.6	1969
21	[illegible].[illegible]	11.[illegible]	[illegible]2.3	16.[illegible]	6[illegible]	[illegible].6	1969	43.[illegible]	[illegible].1	42	5.6	1967
22	[illegible].[illegible]	13.6	[illegible]5.5	18.[illegible]	7[illegible]	21.1	1968	47.[illegible]	[illegible].4	41	5.[illegible]	1971
23	[illegible].[illegible]	13.4	[illegible].[illegible]	27.[illegible]	8[illegible]	27.[illegible]	1963	43.2	[illegible].2	39	3.9	1968
24	[illegible].[illegible]	11.[illegible]	[illegible]5.7	19.7	7[illegible]	22.[illegible]	1968	41.[illegible]	5.0	4[illegible]	4.4	1968*
25	[illegible]4.[illegible]	12.[illegible]	[illegible]3.7	23.[illegible]	75	23.9	1969	4[illegible].7	4.[illegible]	3[illegible]	[illegible].[illegible]	1969
26	[illegible].[illegible]	14.7	7[illegible].[illegible]	21.2	9[illegible]	32.[illegible]	1969	46.5	8.1	3[illegible]	3.3	1969
27	[illegible].[illegible]	14.3	72.7	22.[illegible]	9[illegible]	33.[illegible]	1969	47.[illegible]	8.1	41	5.[illegible]	1971*
28	[illegible].[illegible]	14.7	71.[illegible]	21.[illegible]	8[illegible]	31.1	1969	46.[illegible]	7.8	41	5.0	1969
29	5.[illegible]	13.0	[illegible]6.0	19.9	7[illegible]	23.[illegible]	1969	44.7	7.1	[illegible]3	.[illegible]	1969
30	[illegible].7	13.7	67.0	19.4	7[illegible]	21.1	1969	46.5	8.1	43	6.1	1967
31												
Monthly	[illegible].[illegible]	13.4	67.[illegible]	19.4	9[illegible]	34.4	1 [illegible]	4[illegible].3	7.4	3[illegible]	.[illegible]	1969

*ALSO ON EARLIER YEARS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible]	1967-1972	[illegible]

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP EXTREME DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP EXTREME DATE
1	[illegible]	13.3	[illegible]	17.9	6[illegible]	[illegible]	1967	[illegible]	[illegible]	42	5.6	1967
2	[illegible]	14.7	[illegible]	18.7	6[illegible]	20.6	1968*	51.3	10.7	44	6.7	1967
3	[illegible]	14.7	[illegible]	17.9	67	19.4	1971	53.0	11.7	50	10.0	1967
4	[illegible]	13.[illegible]	[illegible]	17.2	65	18.3	1971	5[illegible].0	[illegible].0	49	9.4	1971
5	5[illegible]	12.[illegible]	[illegible]	16.[illegible]	63	17.2	1971*	48.[illegible]	[illegible].9	43	6.1	1969
6	5[illegible]	13.[illegible]	[illegible]	16.7	6[illegible]	18.3	1969*	48.7	9.3	41	5.[illegible]	1967
7	[illegible]7.	14.4	67.2	19.6	7[illegible]	[illegible]	1969	48.5	9.2	43	6.1	1965
8	[illegible]	16.4	71.[illegible]	21.[illegible]	7[illegible]	25.6	1969	52.[illegible]	11.[illegible]	4[illegible]	7.2	1969
9	[illegible]	16.3	[illegible]	22.[illegible]	8[illegible]	[illegible]	1969	5[illegible].7	[illegible].4	45	7.2	1969
10	[illegible]	14.4	[illegible]	17.[illegible]	65	18.3	1971*	51.7	10.9	43	8.9	1971
11	[illegible]	15.1	[illegible]	18.7	6[illegible]	[illegible]	1971	52.7	11.5	49	9.4	1967
12	[illegible]	14.[illegible]	[illegible]	17.6	6[illegible]	[illegible]	1969	53.7	12.1	4[illegible]	8.9	1967
13	[illegible]	15.3	67.[illegible]	19.4	71	21.[illegible]	1971	52.[illegible]	11.1	47	8.3	1967
14	[illegible]	16.3	[illegible]	21.[illegible]	8[illegible]	26.7	1967	51.5	10.8	43	6.1	1968
15	[illegible]	15.2	72.3	22.4	76	24.4	1967	46.3	[illegible].9	40	4.4	1968
16	[illegible]	16.7	[illegible]	22.2	7[illegible]	23.3	1969*	52.[illegible]	11.1	46	7.8	1968
17	[illegible]1	17.3	[illegible]2.5	22.[illegible]	77	[illegible]	1971	53.7	12.1	51	[illegible].6	1967
18	[illegible]7	17.1	[illegible]5.3	24.1	[illegible]	29.4	1971	5[illegible].0	[illegible].0	46	7.8	1971
19	[illegible]	17.2	74.5	23.[illegible]	8[illegible]	[illegible]	1971	[illegible]1.9	[illegible].8	47	8.3	1971
20	[illegible].1	16.7	[illegible].2	[illegible].7	7[illegible]	22.2	1968	55.[illegible]	12.8	4[illegible]	9.4	1971
21	[illegible]	[illegible].4	[illegible]	[illegible].3	6[illegible]	20.6	1969	54.5	12.5	[illegible]1	[illegible].6	1971
22	[illegible]	15.4	67.[illegible]	19.4	[illegible]	[illegible]	1969*	52.3	11.3	4[illegible]	9.4	1967
23	1[illegible]	16.3	69.3	[illegible].7	71	21.7	1967	[illegible].3	11.[illegible]	4[illegible]	8.9	1968
24	[illegible]0.[illegible]	15.9	[illegible].7	[illegible].4	71	21.7	1971	52.[illegible]	11.4	4[illegible]	8.9	1971
25	[illegible]	15.7	[illegible].7	20.4	7[illegible]	22.[illegible]	1968	52.[illegible]	11.1	47	8.3	1968
26	3.[illegible]	17.[illegible]	[illegible]3.2	22.[illegible]	8[illegible]	27.8	1968	53.7	12.1	[illegible]0	[illegible].0	1968
27	[illegible].1	16.7	71.[illegible]	21.[illegible]	77	25.[illegible]	1969*	53.[illegible]	11.[illegible]	[illegible]2	11.1	1968
28	[illegible]3.[illegible]	16.1	[illegible].[illegible]	20.[illegible]	7[illegible]	24.4	1969	52.7	11.5	4[illegible]	9.4	1971
29	[illegible].2	17.3	[illegible].3	20.[illegible]	7[illegible]	22.2	1968	57.[illegible]	[illegible].[illegible]	[illegible]5	12.9	1969
30	[illegible].2	16.[illegible]	67.[illegible]	19.4	7[illegible]	21.1	[illegible]969	57.5	[illegible].3	[illegible]5	12.[illegible]	1967
31	[illegible].2	16.2	67.[illegible]	19.4	7[illegible]	21.1	[illegible]963	[illegible]5.[illegible]	[illegible].[illegible]	[illegible]3	11.7	1967
Monthly	[illegible].	15.7	[illegible].4	20.2	9[illegible]	[illegible].[illegible]	1969	[illegible]2.1	11.2	4[illegible]	4.4	1968

*ALSO ON EARLIER YEARS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible]	1967-1972	JUNE

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]	16.9	[illegible]	2[illegible]	7[illegible]	2[illegible]	1[illegible]	55.9	12.[illegible]	[illegible]	11.1	1967
2	[illegible]	15.1	[illegible]	2[illegible]	7[illegible]	23.9	1963	53.7	11.1	47	8.9	1971
3	[illegible].7	15.9	[illegible]	20.1	7[illegible]	22.2	1968	53.2	11.8	47	8.3	1967
4	[illegible].1	16.2	[illegible]	1[illegible]	6[illegible]	20.6	1971*	55.[illegible]	12.[illegible]	48	8.4	1971
5	[illegible].2	16.2	[illegible].3	19.1	6[illegible]	20.0	1969	56.[illegible]	13.3	[illegible]	10.8	1967
6	[illegible]	15.7	[illegible]	2[illegible]	74	23.3	1969	52.3	11.3	[illegible]	8.9	1967
7	[illegible].7	16.[illegible]	[illegible].7	20.4	7[illegible]	22.7	1971	57.[illegible]	13.[illegible]	55	12.8	1968
8	[illegible].7	14.8	[illegible].3	17.[illegible]	66	18.3	1971	54.[illegible]	12.2	53	11.7	1968
9	[illegible].1	16.4	[illegible].2	19.[illegible]	7[illegible]	21.[illegible]	1969	56.7	13.7	56	13.3	1967
10	[illegible]	16.1	[illegible].9	2[illegible].3	7[illegible]	24.4	1969	53.2	11.[illegible]	47	8.9	1967
11	[illegible].2	16.[illegible]	[illegible].2	21.2	73	22.[illegible]	1971*	54.2	12.3	52	11.7	1968
12	[illegible].2	16.2	[illegible]	19.4	7[illegible]	21.1	1968	55.3	12.9	53	11.7	1967
13	[illegible]	17.7	[illegible]	21.[illegible]	74	23.3	1969	56.7	13.7	55	12.9	1968
14	[illegible]	16.[illegible]	[illegible].2	23.4	5[illegible]	3[illegible].4	1971	57.9	14.2	55	12.8	1967
15	[illegible]	17.9	[illegible].7	23.7	8[illegible]	2[illegible].9	1971	53.7	12.1	52	11.1	1971*
16	[illegible]	16.9	[illegible]	21.1	77	25.[illegible]	1968	55.9	12.[illegible]	4[illegible]	8.9	1971
17	[illegible]	17.6	[illegible].9	21.4	7[illegible]	24.4	1968	57.7	13.7	56	13.3	1968
18	[illegible].2	17.8	[illegible].2	22.3	75	23.[illegible]	1969*	56.[illegible]	13.3	54	12.2	1969
19	[illegible]	17.2	[illegible].0	22.2	77	25.[illegible]	1968	54.[illegible]	12.2	53	11.7	1969
20	[illegible]	17.[illegible]	[illegible].7	23.[illegible]	8[illegible]	2[illegible].3	1968	57.[illegible]	13.[illegible]	52	11.1	1968
21	[illegible]	19.2	[illegible].5	2[illegible].3	9[illegible]	32.3	1968	55.7	13.2	4[illegible]	8.4	1968
22	[illegible]	15.7	[illegible].2	22.[illegible]	7[illegible]	25.6	1968	58.[illegible]	14.4	56	13.3	1968
23	[illegible]	16.3	[illegible].7	21.[illegible]	77	25.[illegible]	1971	59.[illegible]	15.[illegible]	57	13.9	1967
24	[illegible].1	17.8	[illegible].2	2[illegible].7	7[illegible]	22.[illegible]	1971	59.3	15.[illegible]	[illegible]	13.3	1969
25	[illegible]	19.3	[illegible].3	21.2	74	23.3	1971	59.7	15.4	57	13.9	1969
26	[illegible].7	17.6	[illegible].7	20.[illegible]	7[illegible]	22.2	1969	57.7	14.3	54	12.2	1969
27	[illegible]	17.1	[illegible].3	20.[illegible]	7[illegible]	21.1	1969	57.3	14.1	55	12.8	1969*
28	[illegible]	17.[illegible]	[illegible].[illegible]	21.3	74	23.3	1971*	56.7	13.7	50	10.[illegible]	1968
29	[illegible].7	17.1	[illegible].3	21.3	76	24.4	1971	55.[illegible]	12.[illegible]	[illegible]0	10.0	1 6[illegible]
30	[illegible].4	17.4	[illegible].[illegible]	23.3	[illegible]4	2[illegible].3	1969	57.7	11.[illegible]	4[illegible]	[illegible].4	1969
31												
Monthly	[illegible]	17.2	[illegible].3	21.2	9[illegible]	32.[illegible]	1968	55.[illegible]	13.2	47	8.3	1967

*ALSO ON EARLIER YEARS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible]	[illegible]	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 EXTREME DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP EXTREME DATE
1	[illegible]	17.2	[illegible]	23.3	[illegible]	[illegible]	197[illegible]	1[illegible]	11.3	[illegible]	7.8	196[illegible]
2	[illegible]	19.[illegible]	[illegible]	24.4	[illegible]	[illegible]	197[illegible]	55.[illegible]	12.[illegible]	[illegible]1	10.6	197[illegible]
3	6[illegible]	1[illegible].9	77.[illegible]	25.[illegible]	[illegible]	31.1	1969	55.2	12.[illegible]	[illegible]2	11.1	1969
4	4.7	18.2	[illegible]1.[illegible]	27.[illegible]	[illegible]	27.[illegible]	1968	58.5	14.7	[illegible]	14.4	1963
5	5.[illegible]	1[illegible].9	[illegible].[illegible]	21.4	[illegible]2	22.2	1965	61.[illegible]	16.4	[illegible]	15.6	196[illegible]
6	[illegible].[illegible]	18.[illegible]	[illegible]0.3	21.[illegible]	[illegible]5	23.[illegible]	1971	6[illegible].7	16.[illegible]	[illegible]5	1[illegible].[illegible]	1971
7	6.[illegible]	19.1	[illegible]3.[illegible]	23.1	[illegible]7	[illegible].1	1970	59.[illegible]	1[illegible].[illegible]	[illegible]4	12.2	1969
8	[illegible]	[illegible]0.[illegible]	[illegible]5.2	24.[illegible]	9[illegible]	34.4	1965	59.8	14.9	[illegible]3	11.1	1965
9	[illegible].[illegible]	[illegible].7	[illegible]1.2	27.3	[illegible]3	33.[illegible]	1963	57.[illegible]	14.[illegible]	[illegible]3	10.0	1[illegible]69
10	[illegible].[illegible]	[illegible]0.3	[illegible].[illegible]	24.1	[illegible]5	35.6	1968	58.[illegible]	14.6	[illegible]4	12.2	1969
11	[illegible].9	20.[illegible]	[illegible].[illegible]	26.4	[illegible]7	32.2	1968	58.[illegible]	14.6	[illegible]3	11.7	1969
12	[illegible].7	[illegible]0.9	[illegible]1.[illegible]	27.2	[illegible]8	[illegible]1.1	1963	58.5	14.7	[illegible]7	13.9	1971
13	[illegible].	[illegible]1.2	[illegible]7.3	25.2	[illegible]4	[illegible].[illegible]	1971	63.[illegible]	17.2	[illegible]0	15.6	1[illegible]71
14	[illegible].4	1[illegible].7	75.2	24.[illegible]	7[illegible]	26.1	1969	59.6	15.3	[illegible]	1[illegible].0	196[illegible]
15	[illegible].[illegible]	[illegible].0	[illegible].6	24.2	[illegible]1	27.2	1969	60.4	15.8	[illegible]	1[illegible].[illegible]	1969
16	6.7	19.3	75.[illegible]	23.[illegible]	[illegible]2	[illegible].[illegible]	1971	60.2	15.7	[illegible]7	13.9	1969
17	[illegible].[illegible]	1[illegible].4	75.5	24.2	7[illegible]	26.1	197[illegible]	58.5	14.7	[illegible]	13.3	1969
18	[illegible].4	[illegible]0.4	7[illegible].0	25.6	[illegible]4	3[illegible].[illegible]	1969	59.7	15.4	[illegible]5	13.3	1969
19	[illegible].[illegible]	[illegible]1.2	7[illegible].[illegible]	25.[illegible]	[illegible]2	27.[illegible]	1969	61.7	16.5	[illegible]	15.6	1969
20	[illegible].[illegible]	[illegible]1.2	7[illegible].[illegible]	26.1	[illegible]4	28.[illegible]	1970	61.2	1[illegible].2	[illegible]0	15.6	1968
21	[illegible].[illegible]	[illegible]1.1	7[illegible].5	25.[illegible]	[illegible]7	3[illegible].[illegible]	1970	61.[illegible]	1[illegible].4	[illegible]9	15.[illegible]	1967
22	[illegible].7	[illegible]0.[illegible]	7[illegible].2	25.7	[illegible]1	27.[illegible]	197[illegible]	61.2	1[illegible].2	55	12.8	1969
23	[illegible].[illegible]	[illegible]0.8	[illegible]7.4	25.2	[illegible]0	26.7	1963	61.4	16.3	[illegible]3	14.4	1969
24	[illegible].[illegible]	19.8	74.5	2[illegible].[illegible]	76	24.4	1968	[illegible]0.7	15.[illegible]	[illegible]4	12.2	1969
25	[illegible].[illegible]	[illegible]0.3	[illegible]5.5	24.[illegible]	77	25.[illegible]	1970[illegible]	61.5	16.4	[illegible]6	13.3	1[illegible]69
26	[illegible].1	[illegible]1.2	[illegible]6.5	24.7	7[illegible]	2[illegible].6	1971	63.7	17.6	[illegible]	15.6	1969
27	[illegible].[illegible]	[illegible]1.1	[illegible]6.3	24.[illegible]	77	25.[illegible]	1967	63.7	17.6	[illegible]2	16.7	1971
28	[illegible]1.[illegible]	[illegible]1.[illegible]	7[illegible].[illegible]	25.[illegible]	8[illegible]	28.7	1965	[illegible]4.6	18.1	[illegible]2	16.7	1970
29	[illegible]2.[illegible]	22.5	[illegible]1.8	27.7	[illegible]3	31.1	1968	63.2	17.3	[illegible]6	13.3	1[illegible]7
30	[illegible].1	22.8	[illegible]2.4	2[illegible].[illegible]	[illegible]5	31.1	1971	63.[illegible]	17.7	[illegible]	15.6	197
31	[illegible]1.2	[illegible]1.[illegible]	[illegible].7	27.1	[illegible]5	31.1	1970	61.7	16.5	[illegible]3	14.4	197
Monthly	[illegible].[illegible]	[illegible].3	[illegible]7.3	25.[illegible]	9[illegible]	35.6	1968	60.[illegible]	1[illegible].6	46	7.8	1969[illegible]

*ALSO ON EARLIER YEARS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

[illegible]	[illegible]	1967-1972	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	[illegible]	22.1	[illegible]	25.[illegible]	[illegible]	35.[illegible]	1969	64.7	18.2	[illegible]	17.2	196[illegible]
2	[illegible]	23.4	[illegible]	28.7	9[illegible]	35.6	1971	64.7	18.2	[illegible]	16.6	1969
3	[illegible].1	21.7	[illegible]7.7	25.4	8[illegible]	31.1	1971	64.5	18.1	[illegible]1	16.1	1970
4	[illegible]	22.1	[illegible].8	27.1	9[illegible]	35.6	1971	62.6	17.[illegible]	[illegible]	14.4	1969
5	[illegible].1	22.3	[illegible].0	27.3	9[illegible]	33.3	1971	63.4	17.4	[illegible]7	13.9	196[illegible]
6	[illegible]1.	22.2	[illegible].2	27.[illegible]	9[illegible]	33.	1971	61.[illegible]	[illegible]6.4	[illegible]8	14.4	1969
7	[illegible].	22.7	[illegible]6.	29.4	1[illegible]	37.9	1969	60.7	[illegible]5.[illegible]	[illegible]4	13.2	1969
8	[illegible].1	21.7	[illegible]1.2	27.3	8[illegible]	31.[illegible]	197[illegible]	61.[illegible]	[illegible]6.1	[illegible]5	14.4	1969
9	[illegible].	20.7	[illegible]0.3	28.7	8[illegible]	31.1	1[illegible]69	59.7	14.8	[illegible]4	12.2	1969
10	[illegible]2.7	23.2	[illegible]4.[illegible]	28.[illegible]	9[illegible]	36.1	1969	64.5	18.1	[illegible]2	16.7	1968
11	[illegible].	22.7	[illegible]1.2	27.3	8[illegible]	31.1	1971	64.4	18.[illegible]	[illegible]0	15.6	1969
12	[illegible].1	22.3	[illegible]1.[illegible]	27.[illegible]	[illegible]7	3[illegible].[illegible]	1971	63.2	17.3	[illegible]9	15.[illegible]	1969
13	[illegible].1	21.7	[illegible].8	26.[illegible]	[illegible]5	29.4	1971	63.4	17.4	[illegible]9	15.[illegible]	1969
14	[illegible].	21.3	[illegible].	25.6	8[illegible]	28.3	1[illegible]70	62.7	17.1	[illegible]8	14.4	1966
15	[illegible].9	21.1	[illegible]7.2	25.1	8[illegible]	27.[illegible]	197[illegible]	62.[illegible]	16.9	[illegible]0	15.6	197[illegible]
16	[illegible].	22.3	[illegible].2	26.2	8[illegible]	28.9	197[illegible]	65.[illegible]	[illegible]8.3	[illegible]9	15.[illegible]	1969
17	[illegible].	21.3	[illegible].[illegible]	25.6	8[illegible]	27.8	1970	62.6	17.[illegible]	56	13.3	1966
18	[illegible].4	20.9	[illegible]7.[illegible]	25.[illegible]	8[illegible]	7.2	1971	62.2	16.[illegible]	[illegible]5	12.9	1966
19	[illegible].	21.4	[illegible].2	26.2	8[illegible]	28.9	1971	61.[illegible]	[illegible]6.6	[illegible]4	12.2	1969
20	[illegible].7	21.5	[illegible]8.8	26.[illegible]	83	28.3	1969	62.6	17.[illegible]	53	11.7	1969
21	[illegible].[illegible]	[illegible]0.9	[illegible].0	26.7	91	32.[illegible]	1969	59.2	15.1	53	11.7	1969
22	[illegible].	21.4	[illegible].3	29.1	[illegible]2	[illegible]3.9	19[illegible]9	56.7	13.7	50	10.0	196[illegible]
23	[illegible].[illegible]	20.3	[illegible]3.7	28.[illegible]	9[illegible]	35.6	1968	55.	12.[illegible]	[illegible]4	6.7	1969
24	[illegible].[illegible]	21.7	[illegible]1.6	27.6	8[illegible]	31.[illegible]	1968	61.4	16.[illegible]	[illegible]3	11.7	196[illegible]
25	[illegible].	22.3	[illegible].6	27.6	9[illegible]	32.2	1968	62.4	16.[illegible]	58	14.4	1969
26	[illegible].7	22.1	[illegible].6	27.6	8[illegible]	31.[illegible]	1971	61.[illegible]	16.6	[illegible]5	12.[illegible]	1969
27	[illegible].	21.6	[illegible].2	26.[illegible]	9[illegible]	32.[illegible]	1971	61.6	16.4	[illegible]9	14.4	1969
28	[illegible].	21.4	[illegible].7	26.5	9[illegible]	32.[illegible]	1963	61.5	16.4	56	13.3	1966
29	[illegible].[illegible]	[illegible].3	[illegible]6.[illegible]	24.[illegible]	7[illegible]	25.6	1970*	61.0	16.1	[illegible]0	14.4	1969
30	[illegible].	21.[illegible]	[illegible].[illegible]	28.7	91	32.[illegible]	1971	61.7	16.5	[illegible]8	14.4	1969
31	[illegible].	21.6	[illegible]0.2	26.[illegible]	91	32.[illegible]	1971	61.6	16.4	57	13.9	1[illegible]69
Monthly	[illegible].2	21.[illegible]	[illegible]0.4	26.[illegible]	102	3[illegible].9	1[illegible]69	[illegible]2.	16.7	[illegible]4	6.7	1969

*ALSO ON EARLIER YEARS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible]	1967-1972	SEPTEMBER

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP EXTREME DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP EXTREME DATE
1	[illegible]	22.2	[illegible]	27.[illegible]	[illegible]	33.[illegible]	1967	61.4	16.3	[illegible]	12.[illegible]	1969
2	[illegible]	22.3	[illegible]	26.7	83	28.[illegible]	1969*	64.4	18.0	60	15.6	1969
3	[illegible]	21.2	[illegible]	25.[illegible]	79	26.1	1969	63.2	17.3	59	15.0	1971
4	[illegible]	21.1	[illegible]	25.[illegible]	81	27.[illegible]	1969	62.7	17.1	[illegible]	15.6	1970
5	[illegible]	21.3	[illegible]	25.[illegible]	80	26.[illegible]	1969	63.7	17.6	[illegible]	15.3	1968
6	[illegible]	21.9	[illegible]	26.9	85	29.4	1968	61.7	16.5	56	13.3	1968
7	[illegible]	22.6	[illegible]	28.1	89	31.[illegible]	1968	63.[illegible]	17.2	[illegible]	15.6	1968
8	[illegible]	22.3	[illegible]	27.[illegible]	90	32.[illegible]	1968	61.[illegible]	16.6	[illegible]	14.4	197[illegible]
9	[illegible]	22.1	[illegible]	27.[illegible]	91	32.[illegible]	1968	61.2	16.2	[illegible]	14.4	197[illegible]
10	[illegible]	22.8	[illegible]	29.3	85	31.[illegible]	1971	61.2	16.2	[illegible]	13.9	1968
11	[illegible]	21.7	[illegible]	26.7	81	27.2	1967	62.[illegible]	16.[illegible]	[illegible]	15.[illegible]	1968
12	[illegible]	21.5	[illegible]	25.[illegible]	[illegible]	26.7	1969	64.3	17.9	62	16.7	1969*
13	[illegible]	23.0	[illegible]	27.6	[illegible]	41.1	1971	65.[illegible]	18.3	62	16.7	1969
14	[illegible]	21.1	[illegible]	25.[illegible]	92	33.[illegible]	1971	62.4	16.9	55	12.[illegible]	197[illegible]
15	[illegible]	20.2	[illegible]	23.7	[illegible]	26.1	1971	62.2	16.8	[illegible]	10.0	197[illegible]
16	[illegible]	20.4	[illegible]	24.4	[illegible]	25.6	1970	61.6	16.4	[illegible]	10.0	1970
17	[illegible]	21.1	[illegible]	25.[illegible]	84	28.9	1970	62.8	17.1	56	13.3	1968
18	[illegible]	21.1	[illegible]	24.[illegible]	85	29.4	1970	63.5	17.5	58	14.4	197[illegible]
19	[illegible]	20.2	[illegible]	22.4	[illegible]	22.[illegible]	1969*	64.3	17.9	63	17.2	1969
20	[illegible]	19.2	[illegible]	23.[illegible]	[illegible]	25.6	1970	59.0	15.[illegible]	52	11.1	196[illegible]
21	[illegible]	18.3	[illegible]	25.[illegible]	76	24.4	1970	56.2	13.4	49	9.4	196[illegible]
22	[illegible]	19.6	[illegible]	27.[illegible]	[illegible]	34.[illegible]	1970	54.0	12.2	50	10.0	197[illegible]
23	[illegible]	19.9	[illegible]	26.[illegible]	96	35.6	1968	55.[illegible]	13.1	[illegible]	9.4	1968
24	[illegible]	19.8	[illegible]	26.2	94	34.4	1968	56.[illegible]	13.3	[illegible]	8.3	1970
25	[illegible]	21.2	[illegible]	27.8	94	34.4	1968	55.5	14.7	[illegible]	11.1	1968
26	[illegible]	21.4	[illegible]	26.9	98	36.7	197[illegible]	[illegible]	15.[illegible]	[illegible]	11.7	1968
27	[illegible]	21.2	[illegible]	27.2	103	39.4	1970	59.[illegible]	15.1	[illegible]	11.7	1971
28	[illegible]	20.7	[illegible]	26.[illegible]	[illegible]	35.7	1970	59.2	15.1	47	8.3	1971
29	[illegible]	20.4	[illegible]	24.[illegible]	90	32.2	1970	58.6	14.8	46	7.8	1971
30	[illegible]	19.6	[illegible]	25.[illegible]	[illegible]	32.2	1970	57.6	14.2	53	11.7	1971
31												
Monthly	[illegible]	21.[illegible]	[illegible]	26.1	[illegible]	41.[illegible]	1971	60.7	15.9	46	7.8	1971

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible]	1967-1972	[illegible]

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP EXTREME DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP EXTREME DATE
1	[illegible]	19.4	77.5	25.3	[illegible]	30.[illegible]	197[illegible]	52.7	11.5	47	8.3	1971
2	6.5	19.2	74.7	23.7	[illegible]	28.9	1970	58.5	14.7	54	12.2	1963
3	6.[illegible]	19.2	74.[illegible]	23.3	[illegible]	28.3	1970	59.[illegible]	15.1	5[illegible]	13.3	1969
4	6.[illegible]	19.[illegible]	.[illegible]	26.7	9[illegible]	33.3	1971	53.0	11.7	47	8.3	1971
5	67.[illegible]	19.5	79.5	26.4	93	33.7	1971	54.7	12.6	50	10.0	1968
6	67.[illegible]	19.8	[illegible].2	26.[illegible]	1[illegible]3	39.4	1971	[illegible]5.7	12.8	42	5.6	1969
7	67.[illegible]	19.9	.2	26.[illegible]	9[illegible]	34.4	1971	55.5	13.1	4[illegible]	8.9	1969
8	5.7	18.7	[illegible]1.5	27.[illegible]	87	3[illegible].6	197[illegible]	5[illegible].0	1[illegible].0	44	6.7	1970*
9	[illegible].[illegible]	16.9	75.2	24.[illegible]	8[illegible]	27.8	197[illegible]	49.5	9.7	46	7.8	197[illegible]
10	[illegible].3	16.[illegible]	73.0	22.[illegible]	76	24.4	197[illegible]	51.5	1[illegible].[illegible]	44	6.7	197[illegible]
11	4.4	18.0	[illegible]5.0	23.[illegible]	80	26.7	1969	53.7	12.1	[illegible]2	11.1	197[illegible]
12	[illegible].[illegible]	17.6	75.8	24.3	80	26.7	1971	[illegible]2.5	11.4	43	6.1	1969
13	[illegible].1	17.3	[illegible]3.[illegible]	22.[illegible]	77	25.[illegible]	1971	[illegible]3.2	11.[illegible]	44	6.7	1969
14	[illegible].1	17.3	71.[illegible]	21.7	7[illegible]	22.2	1971*	55.2	12.9	44	6.7	1969
15	[illegible]1.[illegible]	16.6	71.5	21.[illegible]	7[illegible]	25.6	1968	52.3	11.2	46	7.6	1969
16	6.[illegible]	18.9	.5	26.[illegible]	93	33.[illegible]	1967	51.5	1[illegible].[illegible]	46	7.8	1969*
17	[illegible].[illegible]	20.3	[illegible].7	26.5	89	31.7	1968	57.2	14.[illegible]	54	12.2	1968
18	[illegible].4	17.4	75.6	24.2	84	28.9	1968	51.2	1[illegible].7	42	5.6	1971
19	[illegible].1	16.6	71.4	21.[illegible]	76	24.4	1968	48.[illegible]	9.3	42	5.6	1969
20	[illegible].[illegible]	15.3	72.[illegible]	22.7	79	26.1	1969	46.4	[illegible].[illegible]	41	5.[illegible]	1971
21	[illegible].[illegible]	15.5	73.5	23.1	7[illegible]	25.[illegible]	1971	46.2	7.9	44	6.7	1971
22	[illegible].4	16.9	77.[illegible]	25.[illegible]	87	30.6	1971	47.7	[illegible].7	43	6.1	1971
23	[illegible].[illegible]	17.3	77.2	25.1	89	31.7	1968	49.[illegible]	9.4	43	6.1	1968
24	[illegible].[illegible]	17.8	74.7	23.7	93	33.[illegible]	1968	53.2	11.[illegible]	47	[illegible].3	1968
25	[illegible].[illegible]	16.7	73.7	23.2	[illegible]8	31.1	1968	5[illegible].2	1[illegible].1	4[illegible]	8.9	1963
26	[illegible].2	15.1	70.6	21.4	7[illegible]	26.1	1968	47.[illegible]	[illegible].3	42	5.6	1970
27	[illegible].[illegible]	15.7	71.4	21.[illegible]	83	28.3	1970	49.2	9.6	4[illegible]	4.4	1968
28	[illegible].	19.3	[illegible].[illegible]	22.2	[illegible]6	30.[illegible]	1970	47.2	[illegible].4	42	5.6	1971
29	[illegible].[illegible]	14.7	[illegible]3.2	22.[illegible]	83	[illegible]8.3	1970	43.7	6.5	[illegible]7	2.8	1971
30	[illegible].	17.7	79.7	26.5	[illegible]1	32.[illegible]	1969	48.[illegible]	8.9	[illegible]9	[illegible].9	197[illegible]
31	[illegible].3	16.2	[illegible]6.7	24.[illegible]	87	[illegible]0.6	1969	45.7	7.6	[illegible]0	4.4	197[illegible]
Monthly	[illegible].4	17.4	75.5	24.2	1[illegible]3	[illegible]0.4	1971	51.[illegible]	10.7	[illegible]7	2.8	1971

*ALSO ON EARLIER YEARS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible]	1967-197[illegible]	NOVEMBER

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP EXTREME DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP EXTREME DATE
1	1.[illegible]	16.3	79.0	26.1	86	30.[illegible]	1969	43.[illegible]	6.6	[illegible]	1.1	1971
2	80.[illegible]	15.7	75.6	24.2	86	30.0	1969	44.[illegible]	7.1	[illegible]7	2.8	1971
3	[illegible].3	15.6	73.8	23.2	86	30.0	1971	46.2	7.9	[illegible]5	3.3	1971
4	[illegible].6	15.3	73.7	23.2	[illegible]0	26.7	1971	45.5	7.5	4[illegible]	4.4	1971
5	[illegible].4	14.7	69.7	20.9	7[illegible]	23.3	1970	47.0	8.3	41	5.0	1971
6	[illegible].[illegible]	16.7	[illegible].2	21.2	74	23.3	1970*	53.7	12.1	44	6.7	1968
7	[illegible].[illegible]	15.3	68.3	20.2	71	21.7	1968	50.7	10.4	4[illegible]	9.4	1969*
8	1.1	16.2	72.7	22.6	89	31.7	1968	49.5	9.7	45	7.2	1969
9	0.7	15.9	74.[illegible]	23.3	81	27.2	197[illegible]*	47.5	8.6	44	6.7	197[illegible]
10	61.[illegible]	16.6	75.5	24.2	84	28.9	1969	4[illegible].2	9.[illegible]	43	6.1	197[illegible]
11	[illegible]4.7	18.2	79.3	26.3	84	28.9	1969*	5[illegible].[illegible]	10.[illegible]	44	6.7	1968
12	[illegible].7	15.9	71.7	22.1	83	28.3	1969	49.7	9.8	4[illegible]	8.9	1971
13	1.[illegible]	16.3	74.2	23.4	8[illegible]	29.4	1969	46.5	8.[illegible]	43	6.1	197[illegible]
14	[illegible].[illegible]	15.1	70.7	21.5	74	23.3	1969	47.7	8.7	41	5.[illegible]	1968
15	[illegible].[illegible]	13.6	63.7	17.6	67	19.4	1967	49.2	9.6	[illegible]8	3.3	1971
16	[illegible].[illegible]	15.2	[illegible].0	21.1	77	25.[illegible]	1970	4[illegible].6	9.2	[illegible]	3.3	1971
17	[illegible].[illegible]	14.1	[illegible].6	21.4	77	25.[illegible]	197[illegible]	44.2	6.[illegible]	[illegible]6	2.2	1971
18	5.[illegible]	12.[illegible]	68.2	20.1	76	24.4	1969	42.2	5.7	[illegible]9	3.9	1971
19	[illegible].[illegible]	15.8	73.0	22.[illegible]	8[illegible]	26.7	1969	48.[illegible]	[illegible].9	45	7.2	1970*
20	6[illegible].[illegible]	17.2	76.0	24.4	84	28.9	1968	49.7	9.8	44	6.7	197[illegible]*
21	[illegible]0.[illegible]	15.7	72.3	22.4	[illegible]3	26.1	1968	49.[illegible]	9.9	4[illegible]	4.4	1969
22	[illegible]5.1	1[illegible].[illegible]	67.7	19.8	[illegible]3	22.[illegible]	1969	42.5	5.8	[illegible]7	2.8	1971
23	[illegible]6.[illegible]	13.6	73.5	23.1	[illegible]1	27.2	1969	39.5	4.2	[illegible]7	2.8	197[illegible]*
24	[illegible]7.[illegible]	13.9	[illegible].0	21.1	[illegible]3	28.3	1969	44.0	6.7	[illegible]7	2.8	1971
25	[illegible]8.[illegible]	1[illegible].4	71.7	22.1	84	28.9	1969	4[illegible].[illegible]	[illegible].9	44	6.7	1968
26	[illegible]0.7	15.9	77.[illegible]	25.[illegible]	82	27.8	1969	44.5	6.9	44	6.7	1969
27	[illegible].[illegible]	15.2	74.7	23.7	84	28.9	1969	44.[illegible]	6.7	[illegible]7	3.3	1968
28	[illegible]7.7	14.3	72.0	22.2	[illegible]3	28.7	1969	43.[illegible]	6.3	36	2.2	1968
29	[illegible].5	12.5	[illegible]9.2	20.7	76	24.4	1969	39.7	4.3	[illegible]7	2.8	1971
30	[illegible]4.[illegible]	12.7	[illegible]4.0	17.8	[illegible]2	22.2	1969	45.6	7.6	[illegible]8	3.3	1963
31												
Monthly	[illegible].[illegible]	15.1	71.9	22.[illegible]	8	31.[illegible]	1968	46.4	[illegible].0	3[illegible]	1.1	1971

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

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

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP EXTREME DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP EXTREME DATE
1	5.[illegible]	13.7	[illegible]	19.3	7[illegible]	[illegible]	19[illegible]	[illegible]	6.[illegible]	[illegible]	3.9	1971
2	5[illegible].7	13.7	[illegible]	20.[illegible]	8[illegible]	[illegible]	19[illegible]	44.5	6.[illegible]	[illegible]	7.2	1971
3	[illegible].4	13.7	[illegible]	20.1	7[illegible]	24.4	19[illegible]	4[illegible].[illegible]	7.3	[illegible]	3.3	197[illegible]
4	[illegible].[illegible]	13.[illegible]	[illegible]	21.1	7[illegible]	25.4	19[illegible]	4[illegible].2	5.7	[illegible]	4.4	197[illegible]
5	[illegible].[illegible]	13.[illegible]	[illegible]	21.[illegible]	7[illegible]	[illegible].1	197[illegible]	4[illegible].2	5.7	[illegible]4	1.1	19[illegible]
6	[illegible].[illegible]	11.[illegible]	[illegible]6.7	19.3	[illegible]	21.1	19[illegible]	39.7	[illegible].7	[illegible]1	-.6	1969
7	4[illegible].[illegible]	12.3	[illegible]7.4	19.[illegible]	[illegible]8	[illegible].3	197[illegible]	4[illegible].[illegible]	4.[illegible]	[illegible]4	1.1	196[illegible]
8	[illegible].6	11.4	[illegible]4.[illegible]	17.9	71	21.[illegible]	1969	41.2	5.1	[illegible]3	.6	1971
9	1.1	10.6	[illegible]3.3	17.3	6[illegible]	[illegible].[illegible]	1969	39.[illegible]	[illegible].7	[illegible]0	-1.1	1971
10	1.[illegible]	10.[illegible]	[illegible]4.2	17.[illegible]	7[illegible]	21.1	197[illegible]	39.7	[illegible].[illegible]	[illegible]5	1.7	1971
11	4.[illegible]	12.3	67.5	19.7	75	23.[illegible]	197[illegible]	41.[illegible]	5.[illegible]	[illegible]3	3.9	1969
12	[illegible].[illegible]	12.7	[illegible]8.[illegible]	20.[illegible]	73	22.[illegible]	1969	4[illegible].[illegible]	4.6	[illegible]5	1.7	197[illegible]
13	[illegible].[illegible]	10.1	4.5	19.1	7[illegible]	22.[illegible]	1969	39.7	[illegible].1	34	1.1	1967
14	[illegible].[illegible]	9.[illegible]	62.[illegible]	17.1	7[illegible]	21.1	1969	35.[illegible]	[illegible].1	[illegible]3	-1.1	1971
15	[illegible].[illegible]	1[illegible].4	[illegible]3.[illegible]	17.3	7[illegible]	21.1	19[illegible]	39.4	3.6	[illegible]2	.2	1969
16	1.[illegible]	1[illegible].[illegible]	[illegible].[illegible]	19.[illegible]	7[illegible]	22.[illegible]	19[illegible]	37.[illegible]	[illegible].9	[illegible]0	-1.1	1971
17	[illegible].[illegible]	1[illegible].[illegible]	[illegible]3.[illegible]	17.[illegible]	6[illegible]	[illegible].[illegible]	1969	40.[illegible]	4.4	[illegible]2	.[illegible]	1971
18	[illegible].[illegible]	10.3	[illegible].[illegible]	19.[illegible]	6[illegible]	18.[illegible]	1969	4[illegible].7	4.9	[illegible]2	.[illegible]	19[illegible]
19	1.[illegible]	10.7	[illegible]3.[illegible]	14.[illegible]	66	18.9	1969	44.[illegible]	6.7	[illegible]1	[illegible].2	196[illegible]
20	[illegible].[illegible]	10.0	[illegible].[illegible]	19.4	7[illegible]	21.1	1969	4[illegible].[illegible]	4.6	[illegible]7	-1.1	1968
21	[illegible].[illegible]	9.9	[illegible]0.4	15.[illegible]	6[illegible]	20.[illegible]	1969	[illegible]9.4	[illegible].1	[illegible]5	-3.9	1968
22	[illegible].[illegible]	11.7	[illegible].[illegible]	17.[illegible]	6[illegible]	18.[illegible]	19[illegible]	4[illegible].[illegible]	6.1	[illegible]2	.[illegible]	19[illegible]
23	[illegible].[illegible]	12.[illegible]	[illegible]4.5	18.1	6[illegible]	19.4	1968	4[illegible].[illegible]	[illegible].[illegible]	[illegible]4	1.1	19[illegible]
24	[illegible].[illegible]	10.[illegible]	[illegible]2.[illegible]	16.[illegible]	6[illegible]	17.8	1969	[illegible]8.[illegible]	3.9	[illegible]2	.[illegible]	1969
25	[illegible].[illegible]	[illegible].[illegible]	1[illegible].[illegible]	16.1	6[illegible]	18.[illegible]	1969	[illegible]9.[illegible]	[illegible].9	[illegible]6	[illegible].2	1963
26	[illegible].[illegible]	11.7	6[illegible].[illegible]	17.[illegible]	7[illegible]	22.[illegible]	1967	4[illegible].[illegible]	4.4	[illegible]0	-1.1	1969
27	[illegible].[illegible]	[illegible].[illegible]	[illegible].7	14.[illegible]	6[illegible]	16.7	196[illegible]	37.7	[illegible].7	[illegible]1	-.6	1969
28	[illegible].1	10.1	[illegible].[illegible]	14.[illegible]	6[illegible]	18.7	197[illegible]	4[illegible].[illegible]	[illegible].6	[illegible]5	3.3	196[illegible]
29	1.[illegible]	10.[illegible]	[illegible]2.[illegible]	16.7	66	18.9	1969	4[illegible].[illegible]	4.[illegible]	[illegible]6	[illegible].2	196[illegible]
30	1.[illegible]	10.[illegible]	[illegible].7	20.4	7[illegible]	22.[illegible]	197[illegible]	34.[illegible]	1.[illegible]	[illegible]1	-1.7	1969
31	[illegible].[illegible]	12.[illegible]	[illegible]1.7	22.1	7[illegible]	[illegible].1	196[illegible]	3[illegible].[illegible]	3.[illegible]	[illegible]1	-1.7	1969
Monthly	[illegible].[illegible]	11.[illegible]	[illegible].5	18.1	[illegible]2	[illegible].8	1969	4[illegible].[illegible]	4.[illegible]	[illegible]7	-[illegible].[illegible]	1969

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

[illegible] / STATION

[illegible] CHARLESTON, SC / STATION NAME

67-7[illegible] / YEARS

WHOLE DEGREES FAHRENHEIT

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
67		[illegible]	72	83	[illegible]	8[illegible]	77 [illegible]6	7[illegible] 9[illegible]	9[illegible] [illegible]9	93	9	7[illegible]	
[illegible]	3 7[illegible]	75 [illegible]6		[illegible]					8	7	[illegible]6	[illegible]	
MEAN	[illegible].5	[illegible].[illegible]	[illegible]3.	[illegible]7.5	[illegible].0	[illegible].	[illegible]6.5	[illegible]7.	[illegible]2.3	[illegible].0	[illegible]7.5	[illegible].	
S.D.													
TOTAL OBS.	[illegible]	[illegible]	[illegible]1	6	[illegible]1	6	[illegible]2	[illegible]2	[illegible]	[illegible]2	[illegible]	[illegible]	[illegible]6

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

[illegible] TEMPERATURE
(FROM DAILY OBSERVATIONS)

[illegible] STATION | [illegible] PINOLETON, CA STATION NAME | 6[illegible]-7[illegible] YEARS

[illegible] DEGREES FAHRENHEIT
/RATED ON LESS THAN FULL MONTHS/

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]	[illegible]									[illegible]	[illegible]	[illegible]	MAX TEMP
										[illegible]	[illegible]	[illegible]	DAYS
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								MAX TEMP
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]								DAYS
[illegible]			[illegible]		5	[illegible]	[illegible]	[illegible]		[illegible]			MAX TEMP
			[illegible]		[illegible]	[illegible]	24	[illegible]		[illegible]			DAYS
			[illegible]				8	[illegible]	[illegible]		[illegible]	79	MAX TEMP
			[illegible]		[illegible]	[illegible]	2	25	[illegible]		[illegible]	24	DAYS
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	67	MAX TEMP
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	DAYS
[illegible]	[illegible]	[illegible]											MAX TEMP
	1	[illegible]											DAYS
MEAN													
S.D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

[illegible] TEMPERATURE
(FROM DAILY OBSERVATIONS)

[illegible] STATION | [illegible] PENDLETON, CA STATION NAME | 6[illegible]-7 YEARS

[illegible] DEGREES FAHRENHEIT

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]			[illegible]	4	1	47 4[illegible]	[illegible]9 46	[illegible] [illegible]	[illegible] [illegible]9	4[illegible]	[illegible]	[illegible]	
[illegible]	[illegible] [illegible]	73 7[illegible]		[illegible]					[illegible]5	[illegible] 3	[illegible]7	[illegible]9	
[illegible]													
MEAN	[illegible]	35.[illegible]	[illegible]	[illegible]	41.	47.[illegible]	[illegible]2.5	5[illegible].[illegible]	[illegible]4.3	3[illegible].5	[illegible].	[illegible]7.	
S.D.													
TOTAL OBS.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]1	[illegible]	[illegible]2	[illegible]2	[illegible]	[illegible]7	[illegible]	[illegible]	[illegible]76

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NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

[illegible]
(FROM DAILY OBSERVATIONS)

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

[illegible]
[illegible]

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]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[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 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						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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						
Rel. Hum.						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

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						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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PSYCHROMETRIC SUMMARY

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												

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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						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

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						
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

NAVWEASERVCOM

14th 2097 54321

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

14/R 2097 54321

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

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						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

NAVWEASERVCOM

10/P 2097 54321

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
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Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

NAVWEASERVCOM

1070 2097 53321

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

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						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
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NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

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Dry Bulb												
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HOURS (L S T)

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Dry Bulb												
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STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

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Dry Bulb												
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HOURS (L S T)

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Dry Bulb												
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Rel. Hum.												
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STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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Dry Bulb												
Wet Bulb												
Dew Point												

NAVWEASERVCOM

MEANS AND STANDARD DEVIATIONS

[illegible] HOURLY OBSERVATIONS

STATION [illegible] STATION NAME [illegible] 6-7 YEARS

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[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]
	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[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]
	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[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]
	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[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]
	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[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]
	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[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]
	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[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]
	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[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]
ALL HOURS	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[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]

MEANS AND STANDARD DEVIATIONS

[illegible] 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.													
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	MEAN													
	S. D.													
	TOTAL OBS													
	MEAN													
	S. D.													
	TOTAL OBS													
	MEAN													
	S. D.													
	TOTAL OBS													
ALL HOURS	MEAN													
	S. D.													
	TOTAL OBS													

MEANS AND STANDARD DEVIATIONS

DE -POINT TEMP RATIOS DEG F FROM HOURLY OBSERVATIONS

STATION | STATION NAME | YEARS 56-7

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG	SEP.	OCT.	NOV.	DEC.	ANNUAL
	MEAN	4 .	40.7	4 .4	46.	5 .7	56.	5 .4	6 .3	53.9	49.7	45.9	36.9	48.1
	S. D.	.079	7. 03	8.2	5.044	3.777	4.726	1.971	3.463	6.951	9.264	7.427	8.238	9.579
	TOTAL OBS		6		77	1	23	23		56	83	49	48	523
	MEAN	3.	39.	47.1	44.5	51.	5 .5	59.2	59.0	52.9	48.7	43.5	35.1	47.
	S. D.	.039	.875	5.47	5.673	4.9	4.222	2.395	4. 05	6.492	9.395	.066	8.919	10.363
	TOTAL OBS		4			1	26	24	5	56	82	49	48	552
	MEAN	. .7	4 .1	43.7	45.9	5 .2	51.1	6 .4	61.5	57.6	47.4	4 .6	37.7	49.8
	S. D.	13.414	. 28	6.274	5.166	4.153	2.969	2.986	4.257	7. 52	1 .911	.591	9.570	11.015
	TOTAL OBS	1 1	141	1	151	132	1 2	2 9	23	213	2	159	153	3157
	MEAN	2.	45.2	4 .1	49.3	54.7	57.7	62.1	63.	59.7	52.3	46.9	41.2	52.1
	S. D.	.718	7.875	.718	5.6 1	3.939	3.652	3.195	4.050	6.849	9.97	9.396	9.865	10.235
	TOTAL OBS	2	193	21		29	279	229	25	233	236	215	215	26 9
	MEAN	45.	48.	4 .9	49.4	54.4	57.8	62.1	63.1	60.4	54.2	49.7	44.4	53.6
	S. D.	.123	.735	6.8 9	5.621	4.22	4.4 6	3.375	4.549	6.716	8.352	.260	10.5 6	9.475
	TOTAL OBS	213	1 6	21	2 7	2 7	1	232	25	229	233	2	2	2608
	MEAN	. .7	46.4	4 .9	49.1	54.6	57.8	61.3	62.7	6 .5	55.4	51.	46.2	53.4
	S. D.	.961	7.328	6.036	5.600	3.6 3	3.443	3.243	4.2 2	6.198	7.591	.915	9.671	8.67
	TOTAL OBS	2	195	21	253	1 7	200	195	183	173	19	205	2 2	2391
	MEAN	7.4	45.5	47.3	48.5	3.7	57.7	60.2	62.1	57.	54.3	49.3	44.5	52.9
	S. D.	.7	7. 46	5.011	6. 8	2.823	2.491	2.74	3.726	7.614	8.676	.109	7.842	8.784
	TOTAL OBS		3			4	58	79	74	74	100	61	62	810
	MEAN	. .7	43.4	43.	46.5	52.3	57.4	59.6	60.7	54.9	51.9	47.2	38.5	49.2
	S. D.	.241	5.938	4.124	5.252	3. 79	2.3 2	2.153	3. 3	.399	5.822	7. 13	7.872	9.315
	TOTAL OBS	47	78	24		13	5	22	32	53	77	44	43	471
ALL HOURS	MEAN	4 .1	42.2	42.9	46.0	52.7	57.4	61.3	62.3	5 .6	52.	47.8	41.9	51.
	S. D.	. 0	.4 0	.734	5.77	4.077	3.706	.221	4.313	7.565	.621	.332	1 .227	9.970
	TOTAL OBS	1 12	6	9	9	9	913	1012	138	109	1210	90	979	17 27

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

STATION [illegible] STATION NAME [illegible] PERIOD JAN 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]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	94.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	75.[illegible]	67.7	[illegible]	[illegible]	141
	[illegible]	[illegible]	7.1	[illegible]	[illegible]	71.[illegible]	[illegible]	48.1	[illegible]	[illegible]	64.8	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	77.[illegible]	[illegible]	55.[illegible]	[illegible]	17.4	4.7	59.7	213
	[illegible]	[illegible]	8.1	91.3	[illegible]	78.[illegible]	64.9	47.8	20.9	[illegible]	64.9	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	85.7	72.9	55.7	[illegible]	76.6	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	95.7	87.2	76.6	57.4	[illegible]	47
TOTALS		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	79.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

3

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
[illegible]	[illegible]	57-71	[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]		100.0	100.0	100.0	7.5	[illegible]	[illegible]	[illegible]	77.5	[illegible]	86.7	[illegible]
		100.0	[illegible]	100.0	5.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	87.1	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	93.6	141
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTALS		[illegible]	[illegible]	86.4	[illegible]	[illegible]	[illegible]	67.3	[illegible]	[illegible]	75.2	[illegible]

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

3

RELATIVE HUMIDITY

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
	1											
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%		
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%		
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%		
TOTALS												

OCEANAV—SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

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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%		
TOTALS												

OCEANAV–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

3

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%		
OCT	01	100.0	96.8	90.3	86.4	84.[illegible]	80.6	69.0	58.3	30.6	83.6	[illegible]3
	04	100.0	100.0	97.6	97.6	93.9	92.7	87.8	72.0	41.5	84.1	82
	7	100.0	97.1	94.3	91.9	87.1	82.3	74.6	59.9	24.9	76.9	2[illegible]9
	10	99.7	92.4	85.6	78.6	71.3	53.4	26.8	11.2	3.4	57.8	236
	13	99.1	93.6	88.[illegible]	80.7	70.0	44.2	23.2	5.6	.9	56.2	233
	16	100.0	94.7	90.5	78.4	60.[illegible]	66.3	47.7	13.2	1.1	63.2	19[illegible]
	19	99.[illegible]	97.[illegible]	96.[illegible]	94.[illegible]	88.[illegible]	87.0	83.0	59.0	11.0	77.5	100
	22	100.0	98.7	97.4	96.1	94.8	91.9	88.3	74.0	26.0	82.4	77
TOTALS		99.6	96.5	92.5	86.9	80.1	75.9	64.9	46.3	18.4	72.7	1[illegible]1[illegible]

OCEANAV–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
[illegible]	[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%		
[illegible]	01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	79.5	[illegible]	[illegible]	40
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	89.2	85.7	81.6	69.2	86.5	40
	[illegible]	[illegible]	[illegible]	86.9	[illegible]	91.3	87.4	[illegible]	75.5	[illegible]	83.2	179
	[illegible]	[illegible]	74.0	64.2	72.6	63.3	51.2	29.9	19.7	6.2	56.6	219
	13	[illegible]	94.2	83.2	73.6	59.6	42.6	25.0	12.5	3.9	64.6	276
	[illegible]	[illegible]	96.1	86.9	79.0	74.1	60.4	42.0	21.5	6.4	62.6	2[illegible]
	[illegible]	[illegible]	100.0	98.4	91.0	82.1	74.7	71.1	50.7	16.0	74.1	[illegible]1
	2	[illegible]	100.0	100.0	100.0	100.0	98.6	89.6	71.5	38.6	84.1	44
TOTALS		[illegible]	87.8	83.7	78.4	[illegible]	74.2	63.5	51.5	27.9	73.5	99[illegible]

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

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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
[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	97.9	[illegible]	[illegible]	91.8	85.3	79.4	67.9	45.2	34.8	76.7	1012
[illegible]		99.0	[illegible]	96.4	93.2	88.1	[illegible]	67.2	49.5	37.1	75.9	[illegible]
[illegible]		99.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	71.6	[illegible]	37.1	78.2	993
[illegible]		100.0	[illegible]	[illegible]	[illegible]	91.1	[illegible]	64.2	[illegible]	27.7	76.1	[illegible]
[illegible]		100.0	[illegible]	99.8	[illegible]	[illegible]	83.7	72.7	[illegible]	16.6	77.8	907
[illegible]		[illegible]	[illegible]	99.5	[illegible]	[illegible]	91.2	75.9	51.9	[illegible]	79.6	917
[illegible]		100.0	[illegible]	[illegible]	[illegible]	[illegible]	88.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		100.0	[illegible]	99.1	[illegible]	[illegible]	87.1	72.1	[illegible]	[illegible]	78.2	[illegible]
[illegible]		[illegible]	97.4	96.2	[illegible]	[illegible]	78.4	[illegible]	44.5	[illegible]	73.0	1089
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	75.9	64.6	46.2	[illegible]	72.7	[illegible]
[illegible]		[illegible]	97.8	[illegible]	[illegible]	[illegible]	74.2	63.9	[illegible]	[illegible]	73.8	990
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	73.2	[illegible]	[illegible]	[illegible]	72.2	979
TOTALS		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

3

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

STATION _____ YEAR _____ MONTH _____ HOURS (L.S.T.) _____

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86	.7	3.3			3.7		13.7				.6
77 TO 81	.				2.4	2.4	5.9		23.5	17	1.7
72 TO 76	.5		4.9	4.	14.3	3.1	9.5	4.	4.8	71	7.1
67 TO 71	.	7.3	.7	7.	36.4	15.2	21.2	3.	12.1	33	3.3
62 TO 66	2.7	1.	.3	.9	10.	29.7	23.4	5.4	1.9	111	11.
57 TO 61	7.1	4.	.6	1.7	15.8	15.7	29.6	6.	1.1	2.7	28.4
52 TO 56	2.	15.3	12.5	4.4	7.3	.7	12.9	4.4	32.7	24	24.5
47 TO 51	.7	2.4	12.7	2.2	.7	.7	7.	2.2	40.3	134	13.2
42 TO 46	7.2	13.	15.				1.	1.6	61.9	63	6.2
37 TO 41	.3	14.	12.0				.		4.		4.9
32 TO 36		.6	2.6	5.6					.1	7	.6
27 TO 31					2.6				.6		.7
22 TO 26									3.3	1	.1
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-63 & LESS											
TOTALS	.4	11.1	.5	.4	7.0	11.1	15.2	4.3	33.2	1 13	1 2.3

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PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

STATION _____ YEAR _____ MONTH _____ HOURS (L.S.T.) _____

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86							[illegible]				[illegible]
77 TO 81					[illegible]	23.6	42.7			[illegible]	[illegible]
72 TO 76	[illegible]	5.[illegible]			5.[illegible]	[illegible]	4 .3	[illegible]	1[illegible].0	[illegible]	[illegible].1
67 TO 71	[illegible].1	[illegible].7	12.2		1 .[illegible]	16.3	22.4	6.1	12.2	4	[illegible].[illegible]
62 TO 66	1.[illegible]	4.2	[illegible]	1.[illegible]	13.[illegible]	25.7	26.9	9.6	1 .[illegible]	167	17.8
57 TO 61	[illegible]	[illegible].7	[illegible].3	1.1	1[illegible].1	19.5	[illegible].8	1 .3	1[illegible].2	[illegible]71	2[illegible].6
52 TO 56	[illegible]	[illegible].4	3.[illegible]	[illegible].[illegible]	[illegible].2	[illegible].7	17.3	4.6	44.5	173	1[illegible].2
47 TO 51	[illegible].[illegible]	15.6	[illegible].3	5.[illegible]	[illegible].3		[illegible].[illegible]	2.[illegible]	[illegible].6	1[illegible]	11.5
42 TO 46	13.[illegible]	1[illegible].3	1[illegible].1		1.[illegible]			1.	[illegible]5.1	[illegible]	[illegible].[illegible]
37 TO 41	[illegible].[illegible]	[illegible].9	[illegible].8				.		[illegible].	[illegible]1	[illegible].4
32 TO 36									[illegible]0.0	[illegible]7	[illegible].4
27 TO 31	1[illegible].7								[illegible].3	[illegible]	[illegible]
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-63 TO -59											
TOTALS	[illegible].3	6.[illegible]	[illegible].3	1.7	1[illegible].[illegible]	12.[illegible]	1[illegible].6	[illegible].3	[illegible]3.2	[illegible]24[illegible]	1[illegible].0

NAVWEASERVCOM

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PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

STATION [illegible] YEAR [illegible] MONTH [illegible] HOURS [illegible]

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122°											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91								36.		1	.1
82 TO 86						3.3	33.3	33.3		3	.3
77 TO 81	.7		.7		.7	6.0	33.3	2 .	5.7	1	1.5
72 TO 76	4.	5.0	4.3		4.3	3 .3	4 .0	12.	.	3	3.5
67 TO 71		7.	1.		.0	32.	3 .8	7.	7.5	67	6.7
62 TO 66	1.1	2.1	.	1.	17.0	31.4	22.4	2.7	11.2	1	15.9
57 TO 61	.	1.	1.4	2.	22.1	25.4	7 .4	1.	14.1	276	27.0
52 TO 56	.	4.	7.8	7.	19.3	11.4	17.5	5.4	23.1	166	16.7
47 TO 51	.4	12.7	.	3.7	.4	1.5	4.5	2.7	54.5	11	11.1
42 TO 46	.1	2 .5	.1	3.7					.	8	.9
37 TO 41	.	27.1	4.2						2.	4	4.0
32 TO 36		1 .7						1 .7	66.7		.4
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 & LESS											
TOTALS	2.4	7.	.	2.	13.	1 .	12.3	.	3.		1 0.

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PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

STATION _____ STATION NAME _____ YEAR _____ MONTH _____ HOURS _____

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91						.2	2.0	.2			.2
82 TO 86							.9	.2			.2
77 TO 81			.2		10.0	25.1	37.0	17.1	1.0		7.2
72 TO 76	.4	4.2	2.4		14.5	24.4	34.1	4.9	.8	1	6.4
67 TO 71	.3	4.			16.	29.7	43.6	1.	4.	1 1	1 .3
62 TO 66		.		.2	17.6	37.1	41.5	.3	.2	71	22.7
57 TO 61		1.	2.4	.2	17.4	29.2	36.	2.	.6	2	27.
52 TO 56	4.5	.2	.6	2.3	.2	13.7	18.3	4.5	3.4	131	14.1
47 TO 51	13.	14.4	.2	2.1		1.		1.	63.	17	1 .7
42 TO 46	.3	4.2	.3	2.1			.1		77.1	4	5.2
37 TO 41		.5							.4	17	1.9
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 AND LOW											
TOTALS	.3	.3	.6	1.6	1 .1	22.3	3 .3	.3	31.7	9	1 .3

NAVWEASERVCOM

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PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

STATION [illegible] YEAR [illegible] MONTH [illegible] HOURS [illegible]

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 & Abv											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91			•			•					•
82 TO 86				1 •		25 •	62 •				•
77 TO 81					11.1	1.1	22.2	5.6			•
72 TO 76					1 •	4 •	2 • .6	4.7	0.7	3	4.7
67 TO 71		•		•	12.2	32.4	27.7	2 •	7.6	164	18.3
62 TO 66		•		1 •	15.6	4 • .3	23.2	•	• .4	2	22.5
57 TO 61	•	1.1	.5	5 •	16 •	16.4	13 •	4.4	34.5	275	3 • 3
52 TO 56	•	14.5	.2	1.3	5.3	6.6	1.3		5 • .6	76	8.4
47 TO 51	.3	• .3	• .2						1 •	14	1.5
42 TO 46									•	6	.6
37 TO 41									•	1	.1
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 & Blw											
TOTALS	1 •	2 • 1	•	3 •	1 7 •	72 • 5	52 • 5	• 1	1 •		1 •

NAVWEASERVCOM

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PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

STATION _____ YEARS _____ MONTH _____ HOURS _____

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
102											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76											
67 TO 71											
62 TO 66											
57 TO 61											
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											
TOTALS											

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PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

WIND DIRECTION

TEMP.	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	CALM	TOTAL FREQ.	% OF TOTAL
120+																		
117 TO 119																		
114 TO 116																		
111 TO 113																		
108 TO 110																		
105 TO 107																		
102 TO 104																		
99 TO 101																		
96 TO 98																		
93 TO 95																		
90 TO 92																		
87 TO 89																		
84 TO 86																		
81 TO 83																		
78 TO 80																		
75 TO 77																		
72 TO 74																		
69 TO 71																		
66 TO 68																		
63 TO 65																		
60 TO 62																		
57 TO 59																		
54 TO 56																		
51 TO 53																		
48 TO 50																		
45 TO 47																		
42 TO 44																		
39 TO 41																		
36 TO 38																		
33 TO 35																		
30 TO 32																		
27 TO 29																		
24 TO 26																		
21 TO 23																		
18 TO 20																		
15 TO 17																		
12 TO 14																		
9 TO 11																		
6 TO 8																		
3 TO 5																		
0 TO 2																		
-3 TO -1																		
-6 TO -4																		
-9 TO -7																		
-12 TO -10																		
-15 TO -13																		
-18 TO -16																		
-21 TO -19																		
-24 TO -22																		
-27 TO -25																		
-30 TO -28																		
-33 TO -31																		
-36 TO -34																		
-39 TO -37																		
-42 TO -40																		
-45 TO -43																		
-48 TO -46																		
-51 TO -49																		
-54 TO -52																		
-57 TO -55																		
-60 & BELOW																		
TOTAL																		

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PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

STATION _____ YEAR _____ MONTH _____ HOUR _____ EST

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 & [illegible]											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101							[illegible]				•
92 TO 96					1.1	11.1	77.8				•
87 TO 91					6.	56.6	34.1		1 .3	[illegible]	3.7
82 TO 86				1.	[illegible].3	49.[illegible]	41.2		1.[illegible]	[illegible]	5.[illegible]
77 TO 81	.1	.		1.1	1[illegible].4	36.5	41.6		1.[illegible]	1[illegible]	1[illegible].[illegible]
72 TO 76		.	.5	.[illegible]	1[illegible].2	3[illegible].[illegible]	37.7	1.[illegible]	3.6	[illegible]	[illegible].[illegible]
67 TO 71	.[illegible]	1.1	.3	[illegible].[illegible]	7.[illegible]	[illegible]1.4	26.7	2.[illegible]	[illegible].[illegible]	[illegible]	[illegible].[illegible]
62 TO 66	.6	[illegible].[illegible]	.3	1.[illegible]	[illegible].1	4.[illegible]	7.	2.[illegible]	55.[illegible]	1[illegible]	1[illegible].1
57 TO 61	1[illegible].3	11.[illegible]				2.		[illegible].[illegible]	[illegible].7	[illegible]	[illegible].[illegible]
52 TO 56	[illegible].1	7.1							5.[illegible]	1[illegible]	1.[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											
[illegible]											
TOTALS	1.[illegible]	1.[illegible]	.6	1.[illegible]	11.2	2[illegible].[illegible]	2[illegible].6	1.	[illegible].[illegible]	1[illegible]	1[illegible].[illegible]

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PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

STATION | STATION NAME | YEAR | MONTH | HOURS (GMT)

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				[illegible]		[illegible]6.7					[illegible]
97 TO 101	1[illegible].	12.[illegible]		[illegible]	12.[illegible]		2.[illegible]				[illegible]
92 TO 96		.7	.7	[illegible].7	[illegible].7	1[illegible].3	4 .[illegible]			[illegible]	1.4
87 TO 91		[illegible].[illegible]		[illegible].	[illegible].[illegible]	[illegible]4.[illegible]	5[illegible].[illegible]	[illegible].	[illegible].		[illegible].[illegible]
82 TO 86	.[illegible]	4.1	2.[illegible]		[illegible]2.4	3[illegible].[illegible]	[illegible].[illegible]	2.		[illegible]	[illegible].5
77 TO 81	[illegible].[illegible]		4.[illegible]	1.[illegible]	15.2	4[illegible].[illegible]	[illegible]3.3	1.[illegible]	1.[illegible]	1[illegible]	[illegible].6
72 TO 76		[illegible].	2.4	1.4	[illegible]7.2	[illegible]9.2	42.1	1.[illegible]	[illegible].[illegible]	[illegible]	[illegible].[illegible]
67 TO 71	.[illegible]	1.[illegible]	[illegible].[illegible]	.[illegible]	16.3	[illegible].2	4 .7	3.[illegible]	14.7	31[illegible]	[illegible].7
62 TO 66	[illegible].3	.7	[illegible].7	5.[illegible]	9.1	12.[illegible]	1 .[illegible]	1.3	[illegible].7	2[illegible]	21.1
57 TO 61	[illegible].4	[illegible]7.[illegible]	1[illegible].[illegible]	2.[illegible]	4.4	2.2	1.1		[illegible]2.2	[illegible]	[illegible].[illegible]
52 TO 56	[illegible].[illegible]	[illegible]7.3	[illegible]0.3		[illegible].				[illegible].4	[illegible]3	[illegible].[illegible]
47 TO 51	.[illegible]	[illegible]2.[illegible]	[illegible].[illegible]					[illegible]3.[illegible]	[illegible].[illegible]	[illegible]	.[illegible]
42 TO 46											
[illegible] TO 41											
32 TO [illegible]6											
27 TO [illegible]											
22 TO [illegible]6											
[illegible] TO 21											
[illegible] TO [illegible]6											
[illegible] 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											
[illegible] TO [illegible]											
[illegible] TO [illegible]											
-53 TO -54											
-[illegible] & UNDER											
TOTALS	1.	.3	.	2.	17.	[illegible].	[illegible].	2.1	1 .4	[illegible]	[illegible]

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PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

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		7.1			7.1		28.6	7.1	7.1	14	1.2
87 TO 91						6.3					
82 TO 86											
77 TO 81											
72 TO 76											
67 TO 71											
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											
-63 & LESS											
TOTALS						11.4	27.4				

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PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

STATION _____ YEAR _____ MONTH _____ 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		0.0									.1
87 TO 91	.	0.5		2 .		2 .					.4
82 TO 86	1 .0	6.3	12.5	7.3	.3	6.3	31.3	.3	.3	1	1.6
77 TO 81	.3	13.2	3.3		1 .4	23.7	2 .9		.	3	3.
72 TO 76	2.	10.0	2.5	1.3	13.	27.6	21.3	.3	13.5		3.1
67 TO 71	.2	5.1	3.9	2.3	11.6	24.6	3 .4	.7	9.	13	13.9
62 TO 66	1.	2.9	6.3	.	12.8	17.6	32.4	1 .	14.7	23	24.
57 TO 61	3.4	7.	9.4	5.	10.3	11.3	15.3	6.4	.	2	2 .5
52 TO 56	.2	6.2	6.	9.3	.2	1.	2.1	2.1	61.2	7	9.8
47 TO 51	.1	6.9	13.5	.	1.4				.	4	7.5
42 TO 46	1.4	9.9	7.	1.	1.4	2.		.	71.2	71	7.
37 TO 41	.	16.0							.		2.
32 TO 36									.		.
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	3.2	6.	0	3.9	.	13.	15.7	.9	29.1	9	1 .

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PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

71 — STATION | AP PENDLETON, A — STATION NAME | JUST 19 6-0 CASE — YEARS | 1975 — YEARS | DECEMBE — MONTH | — HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86						50.0	50.0				.2
77 TO 81		7.1	7.1	7.1	28.6	28.6	14.3		7.1	14	1.4
72 TO 76	7.0	12.1	3.0	6.1	18.2	33.3	18.2		4.1	33	3.4
67 TO 71	3.4	.6	5.2	1.7	25.9	22.4	15.5		17.2	5	5.9
62 TO 66	4.3	3.6	2.1	1.4	22.9	30.0	21.4	5.7	6.6	14	14.3
57 TO 61	2.1	4.7	1.3	2.6	12.6	17.8	28.5	7.9	17.3	214	21.9
52 TO 56	7.9	12.2	7.4	2.6	4.8	7.4	13.9	6.3	37.6	193	19.3
47 TO 51	7.6	18.4	7.6	2.	.8	1.7	5.1	2.5	53.4	11	10.1
42 TO 46	5.3	10.0	13.3	5.	1.3	1.3	1.3	1.3	5 .0	5	.7
37 TO 41		1	5.0	1.	1.5	1.5	1.5	4.5	64.2	67	6.9
32 TO 36	.5	7.3	9.1				1.8		76.4	55	5.6
27 TO 31		2.							5 .1	7	.7
22 TO 26									0.0	1	.1
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
−3 TO 1											
−8 TO −4											
−13 TO −9											
−18 TO −14											
−23 TO −19											
−28 TO −24											
−33 TO −29											
−38 TO −34											
−43 TO −39											
−48 TO −44											
−53 TO −49											
−58 TO −54											
−63 & LWR											
TOTALS	5.3	10.	5.	2.	9.	13.	14.7	4.5	13.3	979	100.0

NAVWEASERVCOM

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PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

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		.7		.7		3.3	1.7	1.7			.0
97 TO 101	.1	7.1		1.4	14.7	21.4	21.4	7.1		1	.1
92 TO 96		.3	.5	.3	17.4	21.7	29.1	2.3	2.2	4	.4
87 TO 91	.0	2.0	2.6	4.	10.1	32.3	35.4	5.1	7.1	.0	.0
82 TO 86	1.	2.2	2.2	2.	16.7	33.5	33.8	3.	.3	36	2.2
77 TO 81	1.	1.4	1.7	1.3	18.	33.4	32.4	1.	4.6	53	5.
72 TO 76	.1	2.1	1.4	1.1	1.1	36.3	34.2	2.7	4.9	131	1 .9
67 TO 71	.	2.2	2.7	1.7	13.2	26.9	36.	3.	13.3	1071	10.7
62 TO 66	.1	3.2	3.7	2.0	13.5	24.1	26.2	4.3	.1	2234	21.
57 TO 61	.0	5.3	5.3	2.	17.9	15.6	22.1	5.1	26.2	2219	19.
52 TO 56	.	10.	10.5	3.	7.0	7.	11.5	3.	41.1	1366	1 .5
47 TO 51	.0	10.2	10.2	3.2	2.5	.9	2.	1.7	57.2	748	6.2
42 TO 46	.6	16.	10.7	2.0	.7	.7	.7	1.1	6 .	45	3.8
37 TO 41	.2	15.2	.4	.	.4	.4	1.1	1.1	7 .8	274	2.2
32 TO 36	2.	5.6	4.8	1.			.	.	24.	1	1.
27 TO 31	.6	16.7			.6				.2	2	.1
22 TO 26									3.0		.
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 & UNDER											
TOTALS	.	5.5	.8	2.	11.	3 .4	22.	3.	.1	12	5.

NAVWEASERVCOM

NOCD, Federal Building
Asheville, N. C.

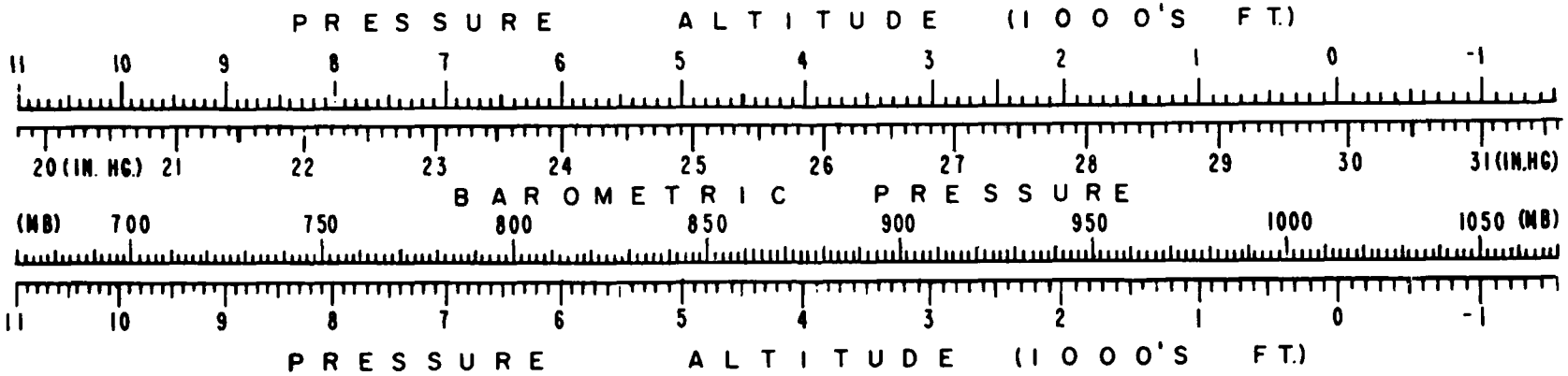
PART F PRESSURE SUMMARY

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

1. Station pressure in inches of mercury.

2. Sea-level pressure in millibars.

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



F

MEANS AND STANDARD DEVIATIONS

[illegible] MONTHLY OBSERVATIONS

[illegible]

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]	1016.9	1014.7	1013.9	1013.3	[illegible]	[illegible]	1015.9	1017.6	[illegible]	[illegible]
	S. D.	[illegible]	[illegible]	4.575	2.2[illegible]	2.572	1.5[illegible]	1.241	1.214	3.272	2.423	3.343	3.3[illegible]	3.[illegible]
	TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	23	23	[illegible]	[illegible]	83	49	[illegible]	[illegible]
	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1014.6	1017.2	1019.1	1015.6
	S. D.	[illegible]	[illegible]	4.5[illegible]	2.137	2.6[illegible]	1.6[illegible]	1.861	1.85[illegible]	3.293	2.4[illegible]	3.319	3.333	3.[illegible]
	TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	26	[illegible]	[illegible]	[illegible]	83	49	48	[illegible]
	MEAN	[illegible]	[illegible]	1016.7	1016.[illegible]	1015.2	1013.7	1014.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	S. D.	[illegible]	[illegible]	4.223	2.7[illegible]	2.879	2.270	1.[illegible]42	2.157	2.473	2.882	3.156	4.143	3.[illegible]51
	TOTAL OBS	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	21[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1019.7	[illegible]
	S. D.	[illegible]	[illegible]	[illegible]	2.709	[illegible]	2.2[illegible]	1.[illegible]2	[illegible]	[illegible]	[illegible]	3.208	4.018	3.[illegible]
	TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	215	[illegible]
	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	S. D.	[illegible]	[illegible]	[illegible]	2.6[illegible]	[illegible]	2.231	1.5[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.[illegible]
	TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	233	[illegible]	[illegible]	[illegible]
	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	S. D.	[illegible]	[illegible]	[illegible]	2.557	2.447	2.114	1.705	[illegible]	[illegible]	2.799	[illegible]	[illegible]	3.[illegible]4
	TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	S. D.	[illegible]	[illegible]	3.7[illegible]	2.[illegible]	2.44[illegible]	1.74[illegible]	1.57[illegible]	2.255	2.309	[illegible]	[illegible]	[illegible]	3.576
	TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	73	[illegible]	[illegible]	100	[illegible]	[illegible]	[illegible]
	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[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]	77	44	[illegible]	[illegible]
ALL HOURS	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	S. D.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2.[illegible]	1.726	2.273	2.573	2.927	3.242	3.[illegible]	3.[illegible]
	TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	13	1013	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

MEANS AND STANDARD DEVIATIONS

[illegible] OF PRESSURE IN INCHES AND FROM HOURLY OBSERVATIONS

[illegible] 8-7

STATION | STATION NAME | YEARS

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

END

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