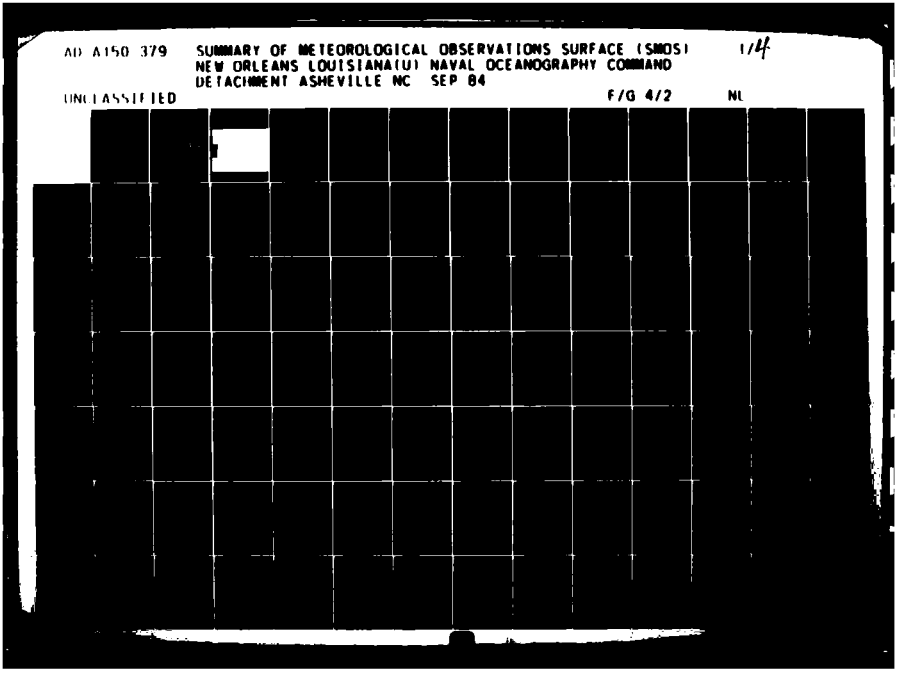
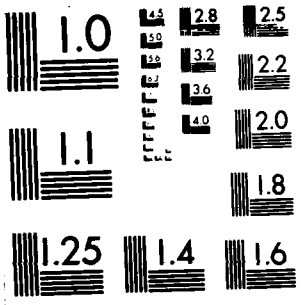
AD A150 379 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) NEW ORLEANS LOUISIANA(U) NAVAL OCEANOGRAPHY COMMAND DETACHMENT ASHEVILLE NC SEP 84 1/4

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

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

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

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SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE

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

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

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

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

STATION NUMBER SUMMARY	STATION NAME	LATITUDE	LONGITUDE	STATION ELEV (FT)	CALL SIGN	WMO NUMBER
12958	New Orleans, Louisiana	29°50'N	90°01'W	2	KNBG	

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF HEADQUARTERS STATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FEET	TYPE BAROMETER	
1.	Weather service office, bldg 208	Navy	1950	1957	30°02'N	90°05'W	13	Mercurial	24
2.	" " " " "	"	1958	1961	29°50'N	90°01'W	5	"	24
3.	" " " bldg 1	"	1961	1970	29°49'N	"	5	"	24
4.	Removed	"	1970						
1a.	Weather service office, bldg 1	"	1960		29°50'N	"	6	Aneroid	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS ADDITIONAL EQUIPMENT OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1.	Unknown	Atop operation control tower	Selsyn	Triple	87'	1. Marine barograph 2. Auto met. station (AN/GMQ-29A) 3. Ceiling light (ML-121) 4. Cloud height set (AN/GMQ-13D) 5. Transmissometer (AN/GMQ-10C) 6. Radar (AN/FPS-106) 7. Theodolite 8. Recorder, weather data (RO-379/GMH)
2.	Installed 1958	625' northwest of the operations building	AN/UMQ-5	RD-108B	Unknown	
3.	1960	500' southeast of runway 04-22	"	"	14'	

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.

WEATHER CONDITIONS

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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

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WEATHER CONDITIONS

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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

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WEATHER CONDITIONS

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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

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WEATHER CONDITIONS

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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

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WEATHER CONDITIONS

STATION | STATION NAME | YEARS | MONTH

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

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WEATHER CONDITIONS

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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

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WEATHER CONDITIONS

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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

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WEATHER CONDITIONS

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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

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WEATHER CONDITIONS

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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

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WEATHER CONDITIONS

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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

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WEATHER CONDITIONS

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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

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WEATHER CONDITIONS

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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

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WEATHER CONDITIONS

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

STATION _____ STATION NAME LE[illegible] LEANS, LA YEARS JANUARY 1973-DECEMBER 1982 MONTH JANUARY

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	[illegible]
N	4.0	2.7	4.2					.7	9.1	1.1	9.5			77.3
NNE	3.1	3.1	6.9		.6			1.0	11.3	3.1	13.8			56.0
NE	.6	3.7	3.7						14.0	3.7	6.9			67.7
ENE	.4	1.5	.6					.4	10.8	.4	14.1			68.6
E	.4	1.9	6.9					.7	28.8	1.9	12.5			57.0
ESE	.7	3.8	2.4					.4	23.6	1.6	11.3			63.2
SE	.7	6.9	.9					.7	35.9	2.6	7.8			49.4
SSE	.4	3.3	1.3					1.0	25.3	4.0	12.7			51.4
S	3.0	2.1	1.4					.7	21.5	2.1	13.3			55.8
SSW	1.2	3.3						3.7	23.2	1.2	11.0			59.4
SW	.4	2.1						.1	21.3		6.5			63.4
WSW	.4	4.4							11.1		11.1			77.3
W	3.0	1.9							1.4	1.9	5.8			86.0
WNW			1.8						17.5	1.6	11.1			71.4
NW	1.1	1.1	1.1						10.1	1.1	3.4			84.3
NNW	3.0	3.6	1.8					.4	17.0		7.9			73.1
VARIABLE														
CALM	1.4	.7	1.3					.4	14.6	3.9	4.6			74.4
TOTAL	112	82	56		1			17	409	42	217			1418
% TOTAL	5.7	2.8	2.5		.0			.5	18.3	2.7	9.7			66.7

TOTAL NUMBER OF OBSERVATIONS 2242

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

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

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE ON GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND DUST	% OBSERVATIONS
N	•	1.3	2.2					1.	1.1	1.3	1.			[illegible]
NNE	•		•		[illegible]	•			16.	1.3	10.			[illegible]
NE	[illegible]	•	2.3		•			•	14.1		28.			[illegible]
ENE	•	1.9	1.0					.0	23.5	1.	13.			[illegible]
E	[illegible]	1.5	.7		[illegible]			.7	17.5	2.2	22.6			[illegible]
ESE	[illegible]	3.3						.3	16.3	5.2	19.5			[illegible]
SE	•	4.3	1.1					2.2	1.6	1.1	17.4			[illegible]
SSE	[illegible]	1.						1.	1.5	2.6	13.6			[illegible]
S		[illegible]						1.	10.7	4.	10.3			[illegible]
SSW	•	2.7						1.	17.7	4.4	.7			[illegible]
SW	•	1.1						.2	13.7		7.4			[illegible]
WSW		[illegible]						1.	1.6	6.3	[illegible]			[illegible]
W	•	2.1							13.	5.2	11.5			[illegible]
WNW		•	[illegible]					1.	7.6	1.3	10.6			[illegible]
NW	[illegible]	1.7	1.7					•	19.0	2.6	14.7			[illegible]
NNW	[illegible]		•						13.7	.7	9.7			[illegible]
VARIABLE														
CALM	[illegible]		[illegible]					[illegible]	18.7	12.5	8.6			[illegible]
TOTAL	111	[illegible]	24		5	1		29	353	90	313			[illegible]
% TOTAL	[illegible]	1.7	1.1		.2	•		1.3	15.7	4.0	13.9			66.[illegible]

TOTAL NUMBER OF OBSERVATIONS 2,2[illegible]5

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

1 (STATION) [illegible] LEAKE, LA (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEAR) MARCH (MONTH)

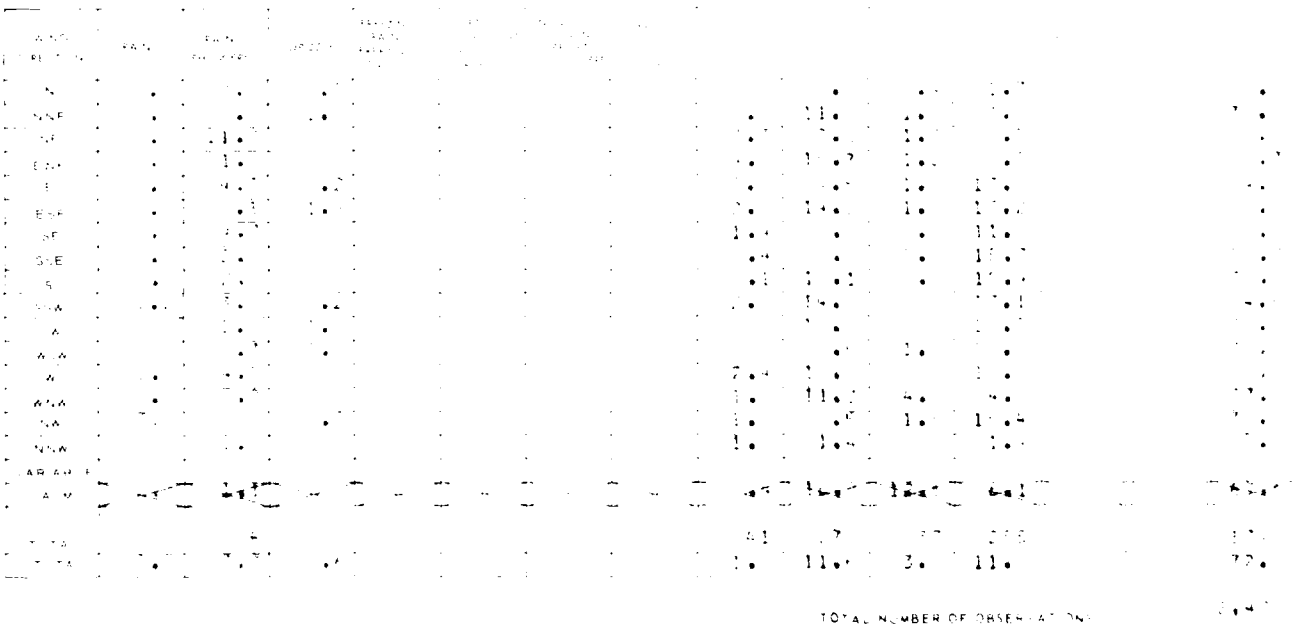
WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	[illegible]	[illegible]
N	.4	4.5	1.7					2.[illegible]	[illegible].6		3.4		[illegible].7
NNE	[illegible].[illegible]	4.1							1.[illegible]	1.[illegible]	8.[illegible]		74.[illegible]
NE	5.7	6.8	2.3					[illegible].4	14.6	4.5	[illegible].1		64.[illegible]
ENE	[illegible].[illegible]	[illegible].0	[illegible].6					[illegible].3	2.[illegible]0	2.[illegible]	17.[illegible]		[illegible].
E	[illegible].	3.1	1.9					2.3	1.[illegible].1	1.9	2.[illegible].3		[illegible].
ESE	[illegible].	5.3	.5					1.[illegible]	1[illegible].3	2.7	24.1		[illegible].
SE	[illegible].2	4.1	1.2					1.[illegible]	[illegible]0.0	3.[illegible]	12.[illegible]		[illegible].
SSE	[illegible].[illegible]	[illegible].1	2.4					3.	15.7	3.9	16.[illegible]		[illegible].
S	[illegible].[illegible]	3.1	2.7					[illegible].2	13.2	1.2	17.3		[illegible].
SSW	.	[illegible].2	1.6					2.3	1.[illegible].6	3.1	12.4		6[illegible].
SW	.[illegible]	1.1						1.1	11.	4.3	3.2		[illegible].
WSW	[illegible].1	1[illegible].8						[illegible].1	13.[illegible]	1.[illegible]	1.[illegible]		[illegible].[illegible]
W	2.[illegible]	2.4						3.[illegible]	12.2	1.2	14.6		[illegible].
WNW	1.[illegible]	2.7	1.4					2.7	13.7	2.7	20.[illegible]		[illegible].[illegible]
NW	3.[illegible]	3.9	[illegible].6						[illegible].8		10.4		[illegible].
NNW	1.[illegible]	2.5	.8					[illegible].4	14.4	.8	5.1		79.7
VARIABLE													
CALM	[illegible]	1.2	.3					[illegible]	[illegible].3	[illegible].1	[illegible].0		[illegible].
TOTAL	[illegible].3	97	35					50	359	68	330		[illegible].
% TOTAL	2.[illegible]	[illegible].9	1.4					2.0	1[illegible].1	2.7	12.1		[illegible].

TOTAL NUMBER OF OBSERVATIONS [illegible].

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PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITION



TOTAL NUMBER OF OBSERVATIONS

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4

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

1 (STATION) ... (STATION NAME) ... (YEAR)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SNOW GRAINS	SNOW PELLETS SHOWERS	THUNDER	FOG	HAZE	CLEAR	TOTAL
N	.	.					.7	6.9	.3	1.4	9.
NNE	.4	.3					.5	1.6	3.4	15.5	67.
NE	.7	2.9	1.				.3	.3	.6	16.1	46.
ENE	.1	1.3					1.3	.4	1.3	21.	25.
E	.	.7					3.3	.	.	22.	14.
ESE	.1	1.3					.	12.1	2.3	22.	50.
SE	.	.					3.3	6.	1.3	15.	33.
SSE	.1	2.7	.4				5.	8.	.	10.3	26.
S	.1	2.	.4				1.3	3.4	1.3	15.3	37.
SSW	.1	3.3					3.6	.3	1.3	14.3	37.
SW	1.	6.						.4		16.9	31.
WSW		1.					2.5	.8	1.3	21.3	35.
W		.9					.7	2.2	5.6	14.7	31.
WNW	.	3.3	1.5				1.	14.0	3.3	10.3	43.
NW	.	.1					.1	.2	2.3	20.4	71.
NNW		.					.	10.0		20.5	55.
VARIABLE											
CALM		1.2	.2					12.6	12.	19.	5.
TOTAL	7	33	5				32	240	105	420	173.
TOTAL	1.	3.	.2				2.5	.9	4.2	16.9	6.

TOTAL NUMBER OF OBSERVATIONS 2,4

NAVWEASERVCOM

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

1 (STATION) [illegible] LEMN, L' (STATION NAME) JANUARY 1973-DECEMBER 1992 (YEARS) [illegible]

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND DUST	ALL WEATHER
N		[illegible]						4.[illegible]	[illegible]	1.2	1.[illegible]			[illegible]
NNE		[illegible]						4.[illegible]	2.8	1.4	13.[illegible]			[illegible]
NE		.5						3.[illegible]	1.[illegible]	0.3	25.[illegible]			41.1
ENE		[illegible]						4.[illegible]	[illegible]		21.[illegible]			6[illegible]
E		4.[illegible]						[illegible].5	.[illegible]		17.[illegible]			42.[illegible]
ESE		[illegible]						[illegible].1	1.0	3.1	16.3			76.[illegible]
SE			[illegible]					[illegible].1	3.1	1.2	11.[illegible]			[illegible]
SSE	[illegible]	[illegible]						[illegible]	2.4	.6	11.2			86.9
S	1.[illegible]	2.[illegible]						[illegible].3	.4	[illegible]	12.2			[illegible].9
SSW		[illegible]						2.[illegible]	1.2	1.2	12.9			82.[illegible]
SW		[illegible].4						2.[illegible]	[illegible].9	1.[illegible]	11.5			[illegible]
WSW		[illegible]						[illegible].0	4.0		21.0			[illegible]
W		[illegible]						[illegible]	3.2	1.3	24.5			45.[illegible]
WNW		4.[illegible]						[illegible]	2.3	4.[illegible]	34.9			[illegible]1.2
NW	.[illegible]	[illegible].3						12.5	[illegible].4	3.1	15.6			[illegible].4
NNW	.[illegible]	5.3						[illegible].4			15.6			[illegible]
VARIABLE														
CALM		[illegible].6						1.[illegible]	15.8	[illegible].[illegible]	17.8			[illegible]1.[illegible]
TOTAL		[illegible]4	1					[illegible]7	111	95	387			1[illegible]7
% TOTAL	.[illegible]	2.[illegible]	.[illegible]					[illegible].2	4.[illegible]	3.[illegible]	16.1			[illegible].3

TOTAL NUMBER OF OBSERVATIONS 2,4[illegible]

NAVWEASERVCOM

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

[illegible] STATION [illegible] STATION NAME JANUARY 1973-DECEMBER 1982 YEAR JULY MONTH

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND DUST	CLEAR
N		[illegible]						[illegible]			27.5			63.2
NNE	[illegible]	[illegible]						14.[illegible]	[illegible]	1.3	29.4			[illegible]
NE		[illegible]						[illegible]	[illegible]		[illegible]			49.1
ENE	[illegible]	[illegible]						[illegible]	[illegible]	1.7	18.3			[illegible]
E	[illegible]	5.6	1.1					[illegible]	2.2		19.9			[illegible]
ESE	[illegible]	[illegible]	[illegible]					[illegible]	2.0	1.0	[illegible]			79.3
SE		[illegible]	1.1					5.5	2.2		13.2			[illegible]
SSE		[illegible]	[illegible]					5.[illegible]	2.0	1.0	[illegible]			[illegible]
S	[illegible]	7.6	.6					[illegible]	.6	1.9	[illegible]			[illegible]
SSW	[illegible]	[illegible]						7.0	[illegible]	1.4	11.3			[illegible]
SW	.1	7.6						[illegible]	[illegible]		[illegible]			[illegible]
WSW		[illegible]						[illegible]	1.5	2.3	20.6			67.7
W	[illegible]	7.1						[illegible]	7.7	[illegible]	25.1			[illegible]
WNW	.1	4.3						[illegible]	4.3	1.1	32.3			[illegible]
NW		[illegible]						[illegible]	6.7	1.[illegible]	28.3			54.7
NNW		[illegible]						[illegible]			[illegible]			[illegible]
VARIABLE														
CALM	[illegible]		[illegible]					[illegible]	[illegible]	[illegible]	[illegible]			[illegible]
TOTAL	[illegible]	1 1	6					[illegible]	143	93	439			[illegible]
% TOTAL	[illegible]	4.1	.2					[illegible]	[illegible]	[illegible]	17.7			[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

NAVWEASERVCOM

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

1 STATION ... LENNE, LA STATION NAME JANUARY 1973-DECEMBER 1982 ... EST

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS OF CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	BLOWING SNOW	SMOKE HAZE	BLOWING SAND DUST	OTHER
N	•	.3						3.6	1.3	3.3	3.9		5.4
NNE		.2						2.3	3.1	3.5	3.8		5.3
NE		.1						2.0		2.3	3.4		3.
ENE	.1	.3						2.5	.9		2.7		2.6
E	.1	.3						5.7	3.1		17.6		9.
ESE	•	.1						2.3	1.3	.6	13.9		7.
SE		.1						10.3	1.	.9	11.6		7.
SSE		.6						4.3	1.1	1.1	2.8		9.
S	.1	.5						11.7	1.6	.9	9.3		7.
SSW	.2	1.1						10.7	1.2		6.5		7.
SW	.3	.3						12.0	5.8		17.4		6.
WSW	•	1.3						6.5	6.3		13.7		6.
W	.1	.3						12.5	.3	2.1	21.5		1.
WNW		.1						11.4	6.		22.7		8.
NW	.6	1.2						10.	5.3		21.1		5.
NNW		.7						13.3			37.7		4.
VARIABLE													
CALM		1.3						1.6	11.3	9.1	16.8		3.
TOTAL		1.1						139	157	106	448		1671
% TOTAL	.2	.3						5.5	6.3	4.3	18.0		68.1

TOTAL NUMBER OF OBSERVATIONS 2,48[illegible]

NAVWEASERVCOM

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
N	.7	2.3					.2	2.3	25.7		
NNE	.0	1.5				1.	6.	2.5	26.8		6.
NE	.0	4.3				2.5	.1	1.2	31.1		5.
ENE	.2	.2				1.	4.3		.6		2.
E	.0	1.7				.0	7.4	.0	15.1		2.7
ESE	.1	.4				2.	4.3	.7	13.7		1.
SE	.0	3.7				3.	2.9	2.7	12.7		2.
SSE	7.4	6.7				.4	7.4	7.4	11.7		2.
S	1.0	1.4				.7	2.3	1.3	15.4		2.
SSW	.0	.7				11.	1.4	1.4	17.1		2.
SW	2.1	4.				.1	4.5	4.8	14.3		6.7
WSW		1.				.1	2.7		1.2		5.
W	.7	1.6				.5	6.3	7.5	19.2		4.
WNW	.0	5.7				.6	8.6	2.9	28.6		5.
NW		4.3				.3	17.3		27.7		1.7
NNW	.0	.3				1.	3.5		31.0		.3
VARIABLE											
CALM							1.1	11.3	22.1		.5
TOTAL	.0	1.				.0	20.	10.	30.		1.
TOTAL	.0	4.5				2.5	.4	4.5	22.1		.4

TOTAL NUMBER OF OBSERVATIONS 2,4

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

1 [illegible], LA [illegible] 1977-DEC 1982 OTOEE

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE PELLETS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	[illegible]	[illegible]
N	.4	1.7							.4	2.7	1.7			.9
NNE	.								.8	2.3	1.2			[illegible]
NE	.4	.9							1.2	.9	2.3			[illegible]
ENE	.7	1.						.	.1	1.2	2.			[illegible]
E	.	[illegible]						1.0	.4	4.0	1.1			[illegible]
ESE	.	1.1						1.1	.2	2.2	1.6			[illegible]
SE	.	[illegible]							1.0	.7	12.5			[illegible]
SSE	.	[illegible]						2.	2.2	1.4	11.4			[illegible]
S	.	11.2							.4	3.4	8.5			[illegible]
SSW	.	1.						.5	12.5	2.5	7.5			[illegible]
SW	.	.5						2.	5.6	5.6	10.4			[illegible]
WSW	.								1.7		2.3			[illegible]
W	.	[illegible]						.2	.5		3.3			[illegible]
WNW	.	[illegible]	.3						.5		11.4			[illegible]
NW		[illegible]							.2	4.3	[illegible]			[illegible]
NNW	.	1.	.9					.	10.1	1.5	8.5			[illegible]
VARIABLE														
CALM		[illegible]							[illegible]	[illegible]	[illegible]			[illegible]
TOTAL		[illegible]	2					1	244	135	427			1774
% TOTAL	.1	1.9	.1					.0	9.8	5.4	17.2			[illegible]

TOTAL NUMBER OF OBSERVATIONS 2,4[illegible]

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

1 STATION [illegible], LA STATION NAME JAN 73-DEC 82 N MET

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
N	.7	2.4	.5					.5	11.0	.	.5		14.9
NNE	4.	1.7	.4					.	1.0	2.	17.2		27.
NE	1.	2.7							.	1.	9.1		13.7
ENE	.	2.7	.7					1.	11.4	.5	1.0		16.6
E	.	1.	.5					.5	1.7	1.4	11.9		15.9
ESE	1.	2.	1.7					.	1.0	4.4	20.6		27.
SE	1.	3.						.6	1.	2.7	14.3		18.
SSE	.	3.3						.	12.4	1.7	6.		23.
S	1.	3.7						.	.1	.	.9		5.
SSW	1.	1.7	1.7					1.	.7		.7		4.
SW	.	3.7							.4		11.1		15.2
WSW	.	4.3							.4		15.6		20.6
W			1.6					1.	17.3	3.	11.5		33.
WNW	4.	4.7	1.6					1.	31.9	1.6	14.1		53.
NW	.	2.5							17.3	2.6	6.8		27.7
NNW	1.	3.7						.6	.4	2.5	10.7		19.7
VARIABLE													
CALM													
TOTAL	7	65	10					14	402	74	267		1[illegible]1
% TOTAL	.3	2.4	.4					.5	16.6	3.1	11.1		66.8

TOTAL NUMBER OF OBSERVATIONS 2,4[illegible]

NAVWEASERVCOM

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PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

STATION _____ JANUARY 1973-DECEMBER 1982 _____ PERCENT

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	DUST OR HAZE	SMOKE		
N	•	2.3	•					.6	.1	.4	4.3		•
NNE	•	2.0	1.5						11.3	1.	9.4		26.8
NE	•	.9							17.	1.7	12.		31.2
ENE	•	3.4	.8					1.0	22.	1.0	23.3		1.
E	•		.5						1.1	3.6	21.9		71.
ESE	•	2.3	1.1						17.4	1.6	9.2		69.
SE	•	•	1.9					.2	30.4	2.2	15.6		49.
SSE	•	1.						.4	16.6	2.7	9.4		69.
S	•	3.6						1.	21.3		9.2		56.
SSW	•	1.2						1.2	12.2	2.4	7.3		79.3
SW	•	•						1.	18.2		6.5		75.
WSW	•	3.5						4.	16.7	4.	4.8		77.
W	•	4.7	1.2						10.	1.2	3.5		76.7
WNW	•	2.							16.	1.4	6.		67.
NW	•	2.	.9						10.		11.		76.5
NNW	•	4.7	1.2					.5	17.8	.6	8.3		76.7
VARIABLE													
CALM									14.3	4.8	11.		15.
TOTAL	1	59	12					1	385	50	260		1782
% TOTAL	•	2.4	.9					.7	15.5	2.	10.5		71.9

TOTAL NUMBER OF OBSERVATIONS 2,476

NAVWEASERVCOM

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

I _____ L ANF, LA _____ JA JA 1977-F CL FI 1982 L
STATION STATION NAME

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL	THUNDER				
N	.7	2.5	1.1					1.[illegible]	.[illegible]	1.[illegible]	11.6	[illegible]6.
NNE	.[illegible]	3.[illegible]	1.3		.7	.1		[illegible].0	1[illegible].2	2.1	16.[illegible]	[illegible].[illegible]
NE	.7	4.4	.9		.7			[illegible].6	1 .7	2.1	[illegible] .1	61.[illegible]
ENE	.[illegible]	[illegible].[illegible]	.9					[illegible].1	11.[illegible]	.[illegible]	[illegible] .1	[illegible]3.[illegible]
E	.[illegible]	3.[illegible]	1.2		.1			[illegible].[illegible]	11.1	1.[illegible]	17.3	67.[illegible]
ESE	.[illegible]	[illegible].7	.7					[illegible].3	11.7	2.3	1[illegible].4	6[illegible]
SE	.1	4.[illegible]	.[illegible]					[illegible].7	12.3	2.1	13.1	[illegible] .[illegible]
SSE	.3	[illegible].[illegible]	.6					[illegible].[illegible]	10.3	2.2	12.[illegible]	[illegible].[illegible]
S	.[illegible]	4.6	.6					[illegible].1	.0	1.[illegible]	11.6	[illegible].[illegible]
SSW	.[illegible]	[illegible].[illegible]	.3					4.3	.9	1.7	11.4	[illegible].[illegible]
SW	.[illegible]	4.5	.1					4.1	.9	1.2	11.[illegible]	[illegible].1
WSW	1.2	[illegible].3	.3					[illegible].[illegible]	8.3	1.6	15.4	[illegible]1.[illegible]
W	1.[illegible]	[illegible].7	.2					4.[illegible]	9.5	2.5	1[illegible].3	[illegible]4.7
WNW	1.[illegible]	3.6	1.[illegible]					[illegible].[illegible]	11.2	2.1	17.2	[illegible]5.7
NW	.[illegible]	[illegible].4	1.3					.3	11.0	1.[illegible]	14.3	[illegible].8
NNW	.[illegible]	3.2	.9					.1	11.2	.[illegible]	11.7	[illegible]5.[illegible]
VARIABLE												
CALM	[illegible]	[illegible]	1					[illegible]	15.2	9.6	15.[illegible]	67.[illegible]
TOTAL	[illegible]84	955	178		6	1		[illegible]59	7329	1060	4293	[illegible]014
% TOTAL	2.[illegible]	[illegible].3	.6		.[illegible]	.[illegible]		[illegible].3	11.5	[illegible].[illegible]	14.8	6[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS 2 ,963

NAVWEASERVCOM

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	...120	OVER 120					
JAN																		
FEB																		
MAR																		
APR																		
MAY																		
JUN																		
JUL																		
AUG																		
SEP																		
OCT																		
NOV																		
DEC																		
ANNUAL																		

NAVWEASERVCOM

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF

(FROM DAILY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____

	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR-ABLE 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	.01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4						
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN																			
FEB																			
MAR																			
APR																			
MAY																			
JUN																			
JUL																			
AUG																			
SEP																			
OCT																			
NOV																			
DEC																			
ANNUAL																			

NAVWEASERVCOM

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF

(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	20.01 50.4	OVER 50.4				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	6 20	OVER 20								
JAN																					
FEB																					
MAR																					
APR																					
MAY																					
JUN																					
JUL																					
AUG																					
SEP																					
OCT																					
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DEC																					
ANNUAL																					

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NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE NORTH CAROLINA

EXTREME VALUES

STATION STATION NAME YEARS

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
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, 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
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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]

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, 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

DAILY EXTREME AMOUNTS

STATION _____ STATION NAME _____ YEARS _____

MONTH _____ MONTH _____

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

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
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* ALSO ON EARLIER YEARS
T TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

H
4

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

STATION _____ STATION NAME _____ YEARS _____

MONTH _____

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
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MONTH _____

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
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* 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
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MONTH J

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	.9	16	1975			
2	.6	17	1978			
3	3.7	96	1979			
4	[illegible]	24	[illegible]			
5	1.3	4[illegible]	[illegible]			
6	1.1	[illegible]	[illegible]			
7	1.2	31	1959			
8	.4	6[illegible]	[illegible]			
9	1.2	33	1[illegible]			
10	.5	6[illegible]	[illegible]			
11	.2	[illegible]	1[illegible]			
12	.0	1	1977			
13	1.0	27	1965			
14	1.3	34	[illegible]			
15	1.[illegible]	3[illegible]	[illegible]			
16	.1	13	[illegible]			
17	1.[illegible]	47	[illegible]			
18	4.5	11[illegible]	19[illegible]			
19	.3	8[illegible]	1961			
20	.2	52	1961			
21	1.0	27	[illegible]			
22	.1	53	[illegible]			
23	.[illegible]	2[illegible]	1979			
24	.[illegible]	52	197[illegible]			
25	1.[illegible]	31	1[illegible]			
26	1.4	36	1961			
27	1.3	34	1965			
28	1.4	37	1965			
29	1.[illegible]	37	1977			
30	.0	51	1971			
31						
Monthly	4.5	113	19[illegible]			

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

H
4

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

STATION _____ STATION NAME _____ YEARS _____

MONTH _____

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
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MONTH _____

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

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NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

STATION _____ STATION NAME _____ YEARS _____

MONTH _____

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
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MONTH _____

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* 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
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Monthly						

MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
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* ALSO ON EARLIER YEARS
T TRACE, AN AMOUNT TOO SMALL TO MEASURE
BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

[illegible] Central Building
Asheville, N. C.

PART C SURFACE WINDS

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

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

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

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

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

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

      (1) Annual - all hours combined

      (2) By month - all hours combined

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

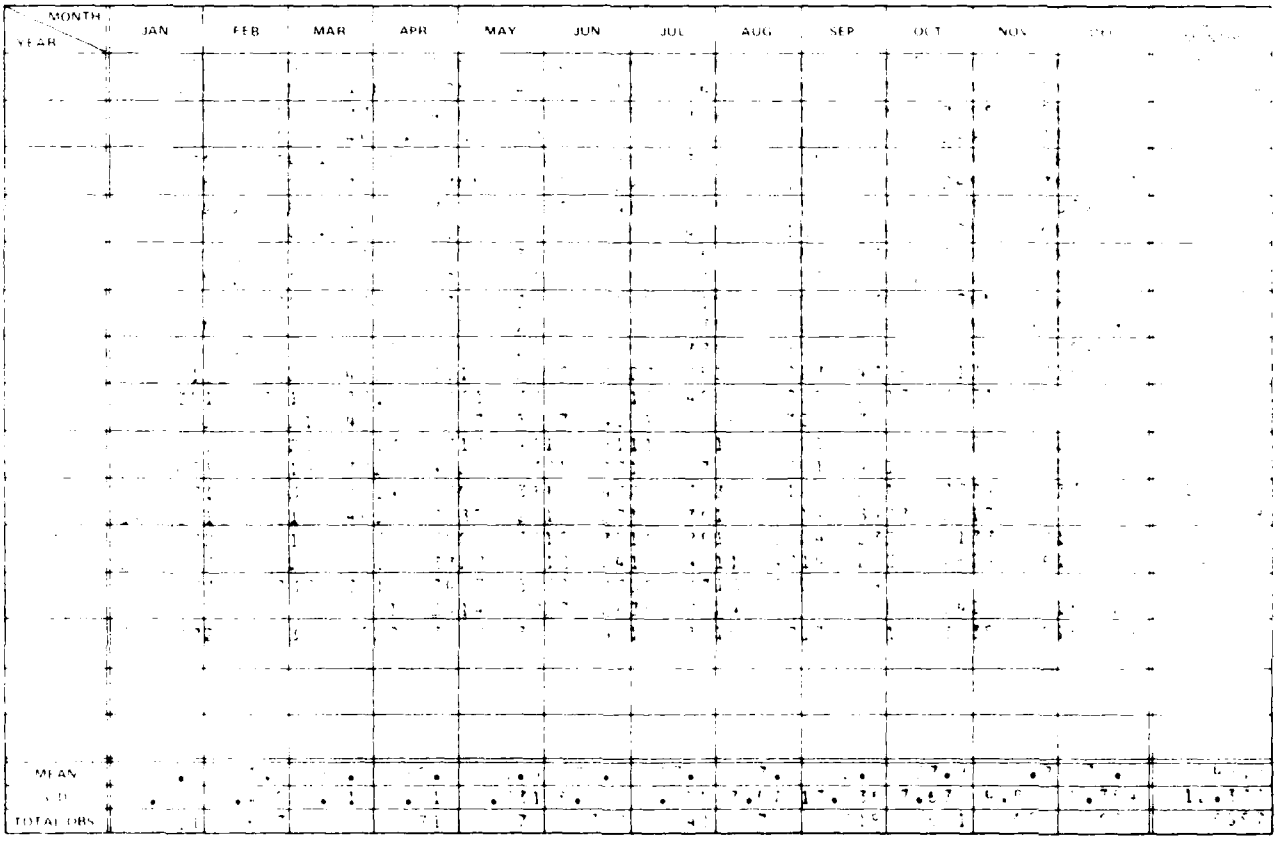
   b. A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRUMENT CLASS: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to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

C

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE NORTH CAROLINA

EXTREME VALUES

STATION _____ STATION NAME _____ YEARS _____



SMOS

NAVAL WEATHER SER DETACHMENT
ASHEVILLE, NOR CAROLINA

EXTREME VALUES

STATION NAME

YEARS

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

SMOS

4

SURFACE WINDS

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

STATION STATION NAME YEARS MONTH

CLASS HOURS (LST)

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____ L.S.T.

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____ S T

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
ESTABLISHMENT
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													
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SE													
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SSW													
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NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH 1

CLASS _____ HOURS L S T

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
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NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____ S T

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
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VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T)

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
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NE													
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CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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
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NNE													
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TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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
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TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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
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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
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TOTAL NUMBER OF OBSERVATIONS _____

SMOS

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SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	N	MEAN WIND SPEED
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TOTAL NUMBER OF OBSERVATIONS

SMOS

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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
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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 _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
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TOTAL NUMBER OF OBSERVATIONS

SMOS

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SURFACE WINDS

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

STATION STATION NAME YEARS MONTH

CLASS HOUR

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56		MEAN WIND SPEED
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TOTAL NUMBER OF OBSERVATIONS

SMOS

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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
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TOTAL NUMBER OF OBSERVATIONS

SMOS

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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
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TOTAL NUMBER OF OBSERVATIONS _____

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NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____ S T

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
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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 _____ S T

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
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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
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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
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TOTAL NUMBER OF OBSERVATIONS _____

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
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TOTAL NUMBER OF OBSERVATIONS _____

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T)

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
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TOTAL NUMBER OF OBSERVATIONS _____

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____ S T

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
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TOTAL NUMBER OF OBSERVATIONS _____

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T)

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
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TOTAL NUMBER OF OBSERVATIONS

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SURFACE WINDS

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

STATION STATION NAME YEARS

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
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TOTAL NUMBER OF OBSERVATIONS

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NAVAL OCEANOGRAPHY COMMAND ASHEVILLE

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____

CONDITION _____

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
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TOTAL NUMBER OF OBSERVATIONS

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SURFACE WINDS

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

STATION STATION NAME YEARS MONTH

CLASS HOURS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
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TOTAL NUMBER OF OBSERVATIONS

SMOS

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SURFACE WINDS

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

STATION | STATION NAME | YEARS

CLASS

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	MEAN ANNUAL SPEED
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TOTAL NUMBER OF OBSERVATIONS

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SURFACE WINDS

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

STATION STATION NAME YEARS MONTH

CLASS HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
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TOTAL NUMBER OF OBSERVATIONS

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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
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TOTAL NUMBER OF OBSERVATIONS

SMOS

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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
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TOTAL NUMBER OF OBSERVATIONS

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS L S T _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
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TOTAL NUMBER OF OBSERVATIONS _____

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NAVAL AEROSPACE ...
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
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TOTAL NUMBER OF OBSERVATIONS _____

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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
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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 _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
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TOTAL NUMBER OF OBSERVATIONS _____

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
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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
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TOTAL NUMBER OF OBSERVATIONS _____

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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
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TOTAL NUMBER OF OBSERVATIONS _____

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NAVAL WEATHER SERVICE
CENTRAL INVENTORY
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
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TOTAL NUMBER OF OBSERVATIONS

SMOS

4

SURFACE WINDS

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

STATION STATION NAME YEARS MONTH

CLASS HOURS

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
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TOTAL NUMBER OF OBSERVATIONS

SMOS

4

SURFACE WINDS

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

STATION STATION NAME YEARS MONTH

CLASS HOURS

CONDITION

SPEED (KNTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
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CALM													

TOTAL NUMBER OF OBSERVATIONS

SMOS

4

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____

CLASS _____

CONDITION _____

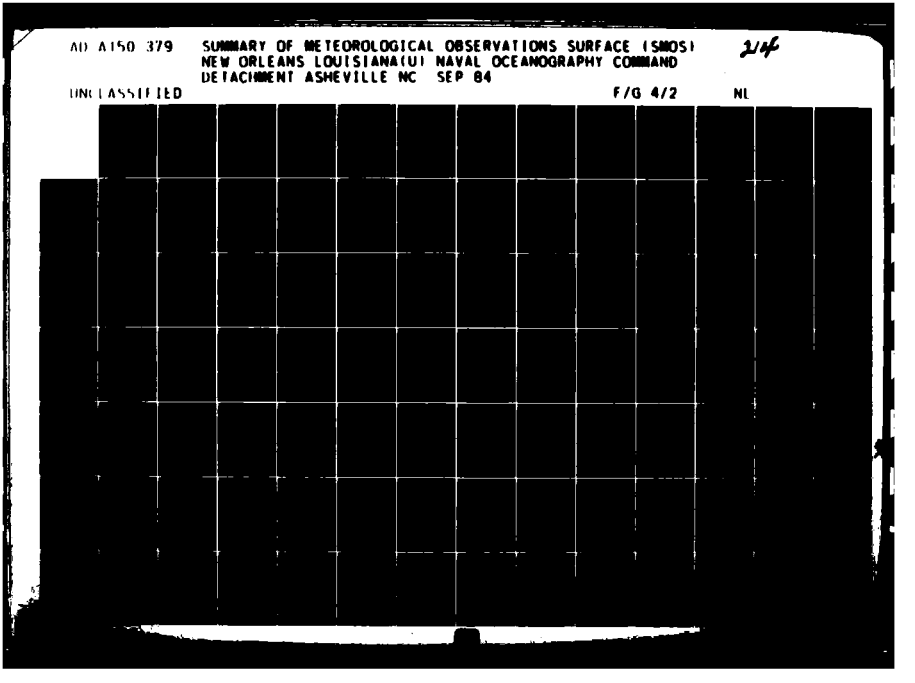
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
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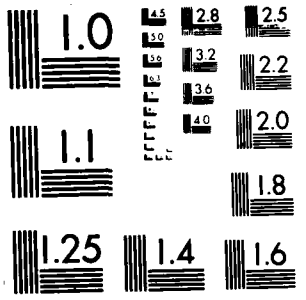
TOTAL NUMBER OF OBSERVATIONS

SMOS

AD A150 379 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) 2/2
NEW ORLEANS LOUISIANA(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

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
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TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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
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TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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
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TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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
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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
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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
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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 ALL DAYS

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
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TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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
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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
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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
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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
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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
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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
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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
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TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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
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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
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TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

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
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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
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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
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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
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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
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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
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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
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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
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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 1

CLASS _____ HOURS _____ S.T.

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
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TOTAL NUMBER OF OBSERVATIONS _____

SMOS

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NAVAL WEATHER ...
ENGINEERS
ASHEVILLE, N.C.

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____ S T

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
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TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____ S T

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
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TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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
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TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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
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TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL SEA[illegible]
DEPARTMENT
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
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TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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
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TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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
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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
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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 _____

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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
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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 _____ LST

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
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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 _____

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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
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TOTAL NUMBER OF OBSERVATIONS _____

SMOS

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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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TOTAL NUMBER OF OBSERVATIONS

SMOS

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SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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

CONDITION _____

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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 _____

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TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T _____

CONDITION _____

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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 _____

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CONDITION _____

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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 _____

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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 _____

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TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T)

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TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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
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TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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
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TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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
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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
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TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, N.C.

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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

CONDITION _____

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TOTAL NUMBER OF OBSERVATIONS _____

SMOS

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SURFACE WINDS

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

STATION STATION NAME YEARS MONTH

CLASS HOURS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
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TOTAL NUMBER OF OBSERVATIONS

SMOS

4

SURFACE WINDS

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

STATION STATION NAME YEARS MONTH

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
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TOTAL NUMBER OF OBSERVATIONS

SMOS

4

SURFACE WINDS

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

STATION STATION NAME YEARS MONTH

CLASS HOURS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
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TOTAL NUMBER OF OBSERVATIONS

SMOS

4

NAVAL WEATHER SERVICE
ETAC/NOAA
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
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TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____ LST

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
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VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
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VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
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VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	∖	MEAN WIND SPEED
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VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T)

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____

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													
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VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T)

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
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CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS L.S.T. _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
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VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
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NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

NAVAL AEROLOGY UNIT
WESTWARD
ADMINISTERED

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													
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VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____ L.S.T.

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
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VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

4

SURFACE WINDS

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

STATION STATION NAME YEARS MONTH

CLASS HOURS

CONDITION

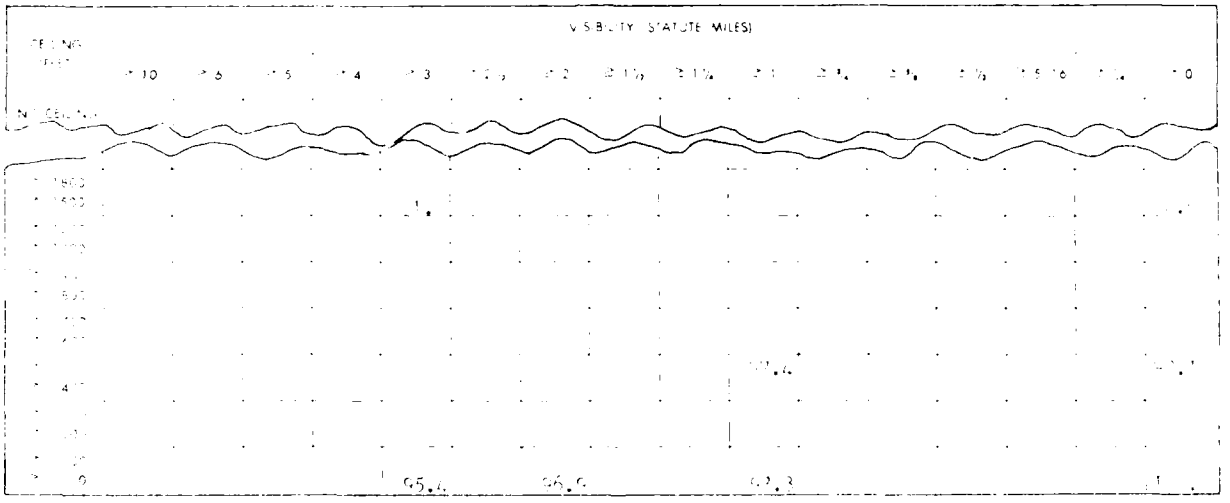
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
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TOTAL NUMBER OF OBSERVATIONS

SMOS

PART D CEILING VERSUS VISIBILITY

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION



EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0.
For instance, from the table: Ceiling ≥ 1500 feet = 96.9%.
Ceiling ≥ 500 feet = 96.1%.

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

[illegible] is prepared from 3-hourly observations and is a percentage frequency [illegible] total number of observations. It is presented in two tables as follows:

1. [illegible] and annual - all hours and all years combined.

2. [illegible] - by standard 3-hour groups.

[illegible]: Sky cover (total cloud amount) was not reported by U.S. weather [illegible] available, were planned for Air Force stations beginning in 1950, but [illegible] have stations until 1958 or 1959. Weather Bureau stations [illegible] marks beginning sometime in 1945, but few stations have [illegible] beyond will, of course, be limited to period of available data.

[illegible]: The sources of punched data used for this summary report [illegible] not converted to tenths prior to encoding, [illegible] that data were originally reported in octas. The [illegible]

OKTAS	TENTHS
[illegible]	
0	0
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10

[illegible]: Prior to 1951 the [illegible] of clear, scattered, [illegible] from the total sky cover. The allowable ranges are [illegible]:

Clear coverage [illegible]
Scattered coverage [illegible]
Broken coverage [illegible]
Overcast coverage [illegible]
Obscured coverage [illegible]

NAVAIR [illegible] NAVMETOCCOMINST A [illegible]

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS

DIPNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS LST

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

DIRNAVOCEANMET SW 05

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS E S T

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
AVAI 18000																
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AVAI 1500																
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AVAI 800																
AVAI 700																
AVAI 600																
AVAI 500																
AVAI 400																
AVAI 300																
AVAI 200																
AVAI 100																
AVAI 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE ATTACHMENT AGREEMENT

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																
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≥ 300																
≥ 200																
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0																

TOTAL NUMBER OF OBSERVATIONS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS L.S.T.

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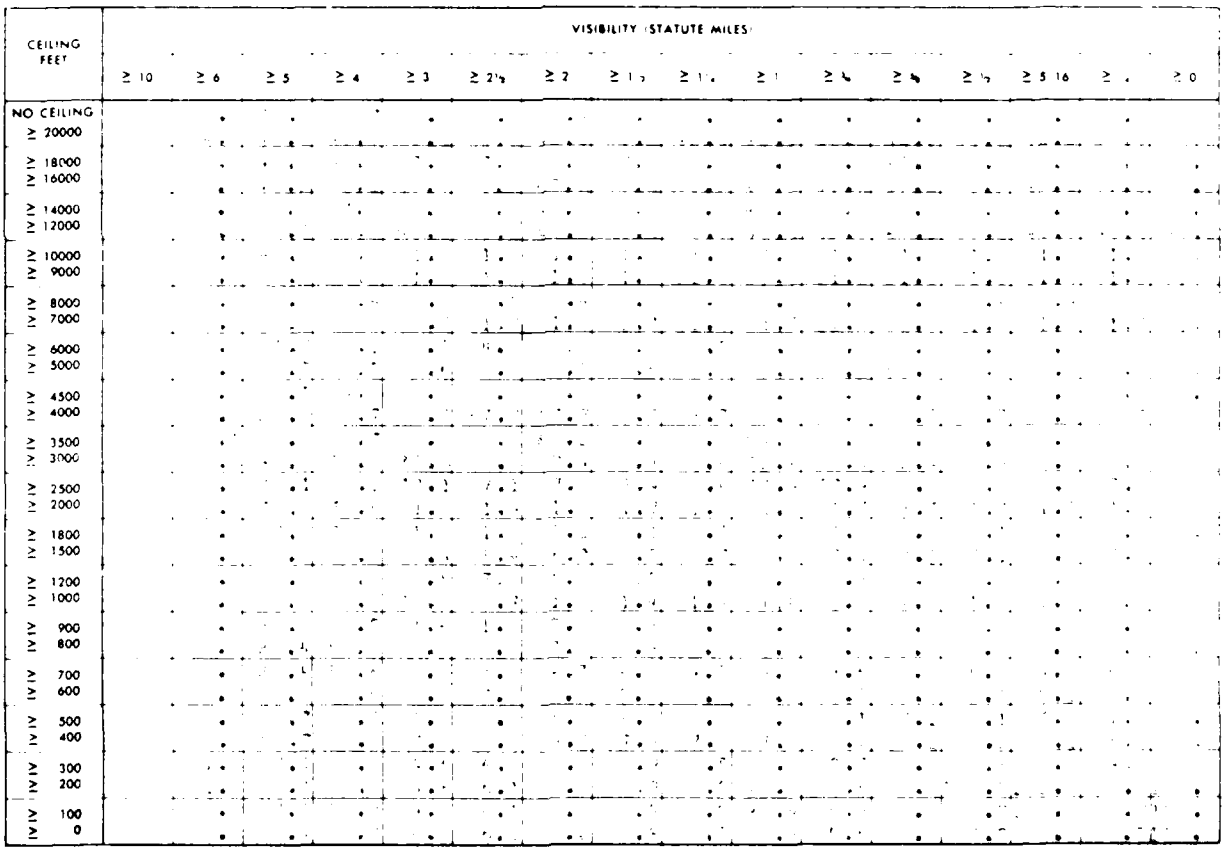
TOTAL NUMBER OF OBSERVATIONS _____

CNMOA/OCEANMET SMOS

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)



TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
AVAI 18000																
AVAI 16000																
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AVAI 10000																
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AVAI 8000																
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AVAI 300																
AVAI 200																
AVAI 100																
AVAI 0																

TOTAL NUMBER OF OBSERVATIONS

DIPMAVOCEANMET 5605

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
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≥ 0																

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME TEXAS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

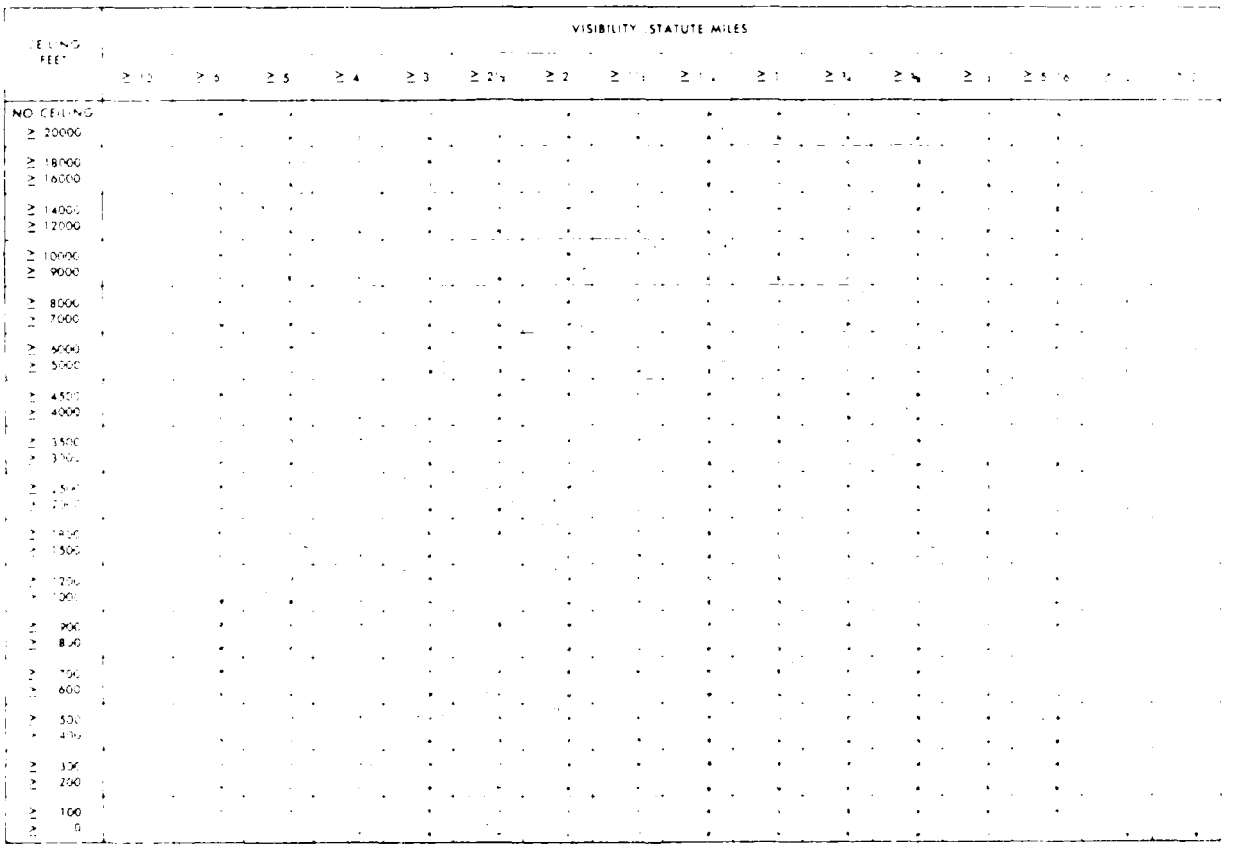
CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	<
NO CEILING															
≥ 20000															
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TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)



TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 5	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 0
NO CEILING															
≥ 20000															
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≥ 400															
≥ 300															
≥ 200															
≥ 100															
≥ 0															

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 0
NO CEILING															
≥ 20000															
≥ 18000															
≥ 16000															
≥ 14000															
≥ 12000															
≥ 10000															
≥ 9000															
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≥ 800															
≥ 700															
≥ 600															
≥ 500															
≥ 400															
≥ 300															
≥ 200															
≥ 100															
≥ 0															

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
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≥ 100																
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TOTAL NUMBER OF OBSERVATIONS _____

NAVAL WEATHER SERVICE DETACHMENT AT EXETER, NH

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST)

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

TOTAL NUMBER OF OBSERVATIONS _____

NAVAV-CLEARFET 3000-1

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CNWA/OCEANMET 5/90S

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																
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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, AIR FORCE [illegible]

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS [illegible]

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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≥ 100																
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET [illegible] SMOS

NAVAL WEATHER SERVICE DETACHMENT (HELO) [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																
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≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET 3140/5

NAVAL WEATHER SERVICE DETACHMENT FT ANNEVILLE SC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS _____

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

TOTAL NUMBER OF OBSERVATIONS _____

CHINA/OCEAN/VFT 10-05

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	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
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≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET 3120/5

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

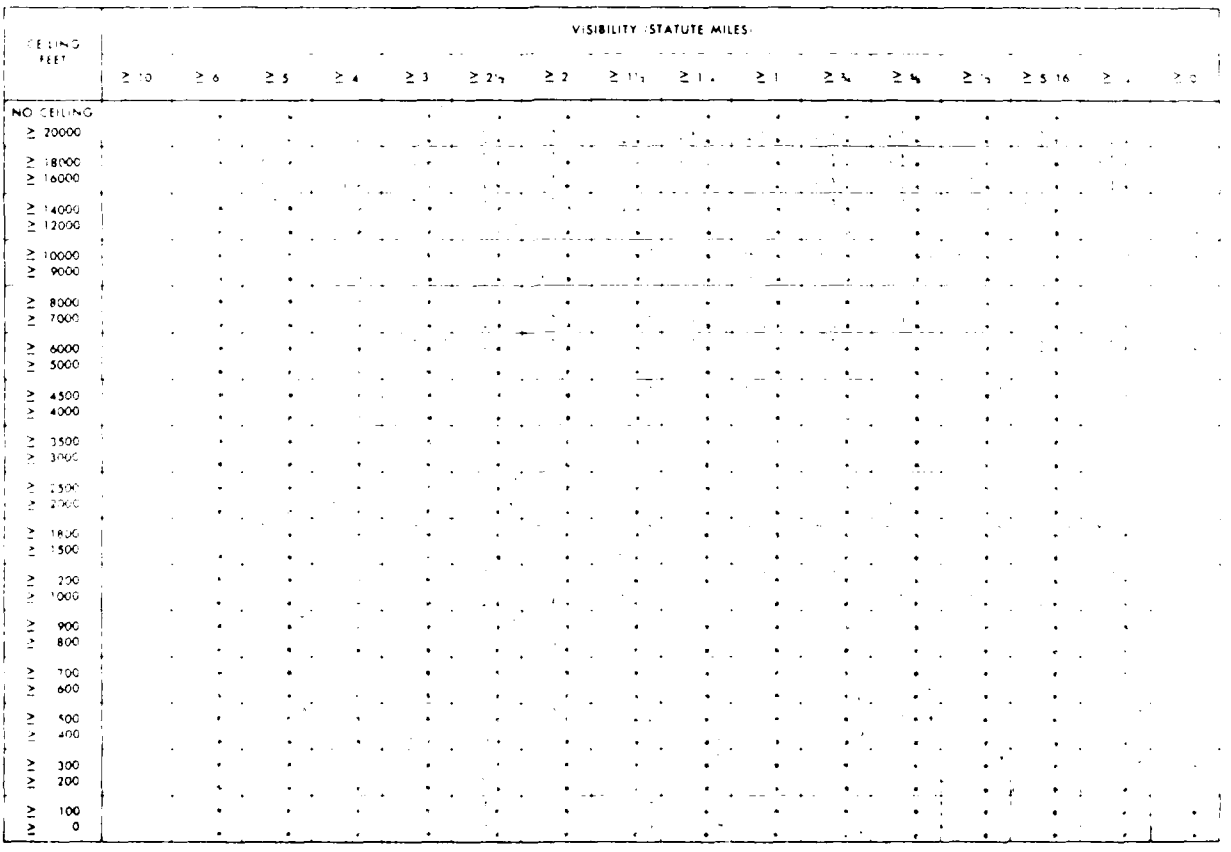
CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	< ¼
NO CEILING																	
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TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)



TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

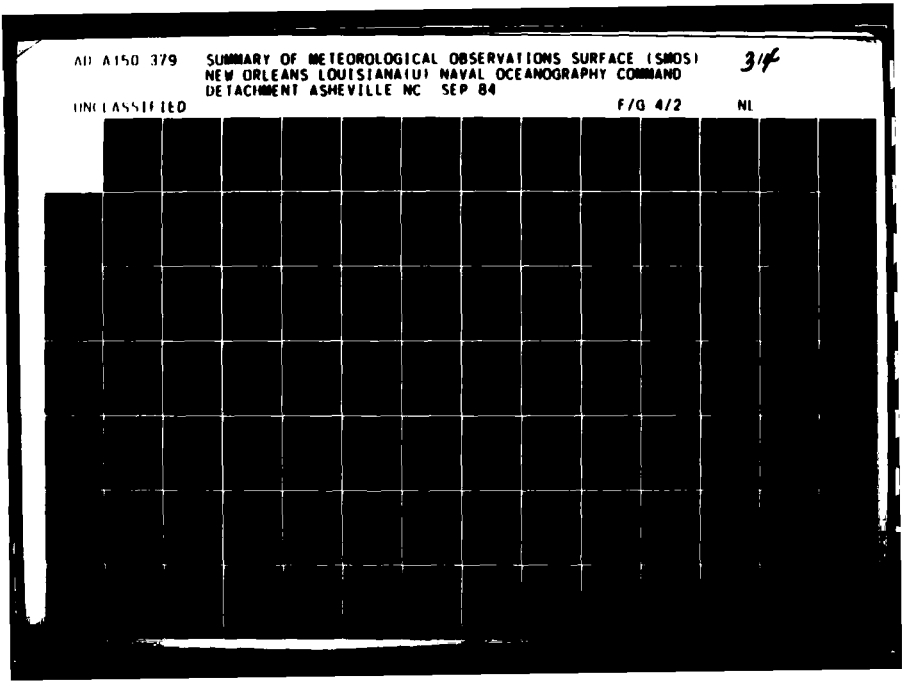
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

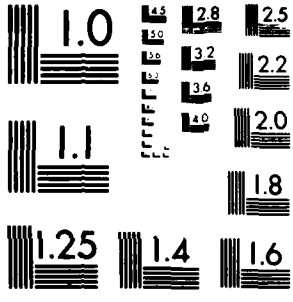
CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	<	
NO CEILING															
≥ 22000															
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TOTAL NUMBER OF OBSERVATIONS

AD A150 379 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) NEW ORLEANS LOUISIANA(U) NAVAL OCEANOGRAPHY COMMAND DETACHMENT ASHEVILLE NC SEP 84 3/4

UNCLASSIFIED F/G 4/2 NL





MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1964-A

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L.S.T.) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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 _____

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																
AVAI 18000																
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, N.C.

CEILING VERSUS VISIBI

STATION | STATION NAME | YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS L S T

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS L S T

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

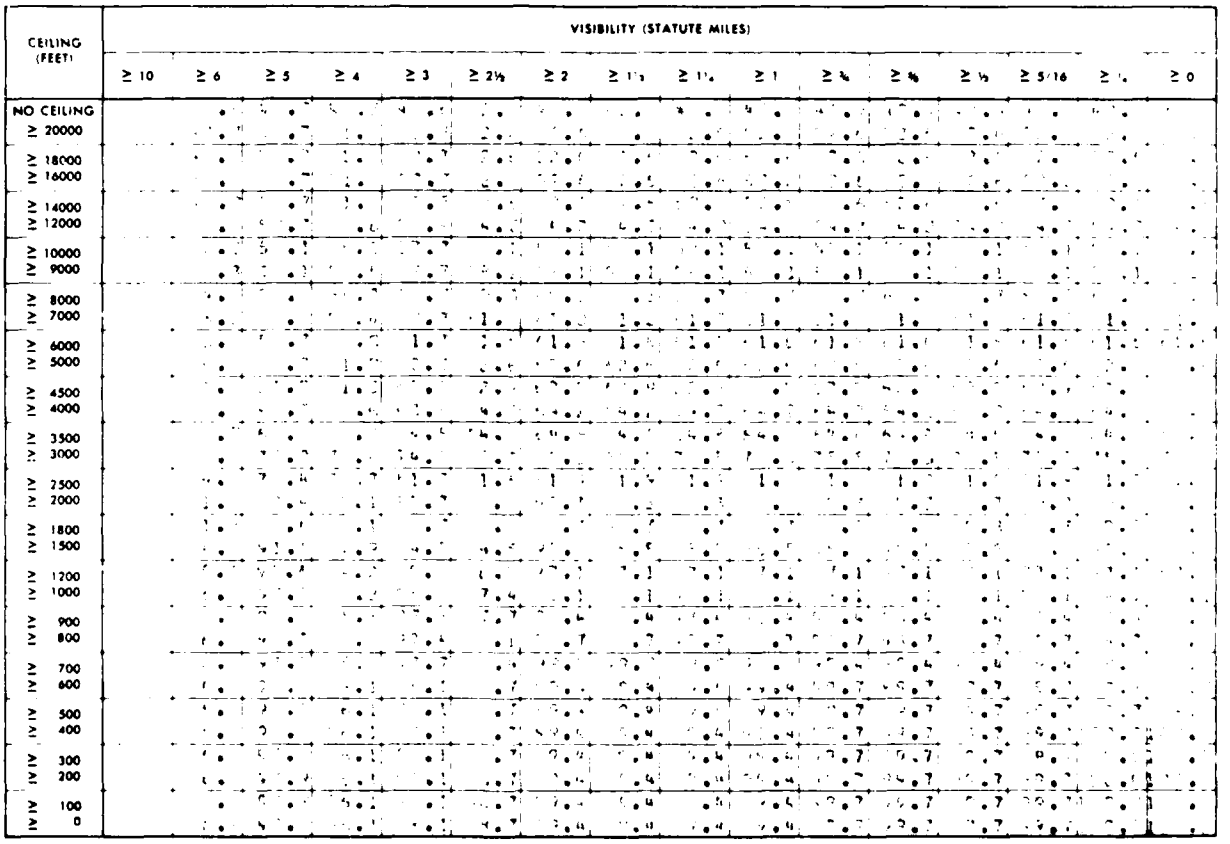
NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS L S T _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)



TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

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

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.) _____

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

HOURS LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

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

DIRNAVOCEANMET 5/MOS

NAVAL WEATHER SERVICE DETACHMENT, ATHENS, GA.

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS _____ L.S.T.

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, N.C.

CEILING VERSUS VISIBIL

STATION STATION NAME YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

SIGNAL CORPS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

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

DIRNAVOCEANMET 3105

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS L S T

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS L S T

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

NAVAVOCEANMET 0505

NAVAL WEATHER SERVICE DETACHMENT, ARGENTIA, NF.

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS _____ G.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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AVA 200																
AVA 100																
AVA 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET 5105

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
AVI 18000																
AVI 16000																
AVI 14000																
AVI 12000																
AVI 10000																
AVI 9000																
AVI 8000																
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AVI 900																
AVI 800																
AVI 700																
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AVI 500																
AVI 400																
AVI 300																
AVI 200																
AVI 100																
AVI 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L.S.T.) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
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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	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ 0	
NO CEILING																
≥ 20000																
18000																
16000																
14000																
12000																
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET 5MOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L.S.T.) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
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0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
AT 20000																
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AT 400																
AT 300																
AT 200																
AT 100																
AT 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	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
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TOTAL NUMBER OF OBSERVATIONS _____

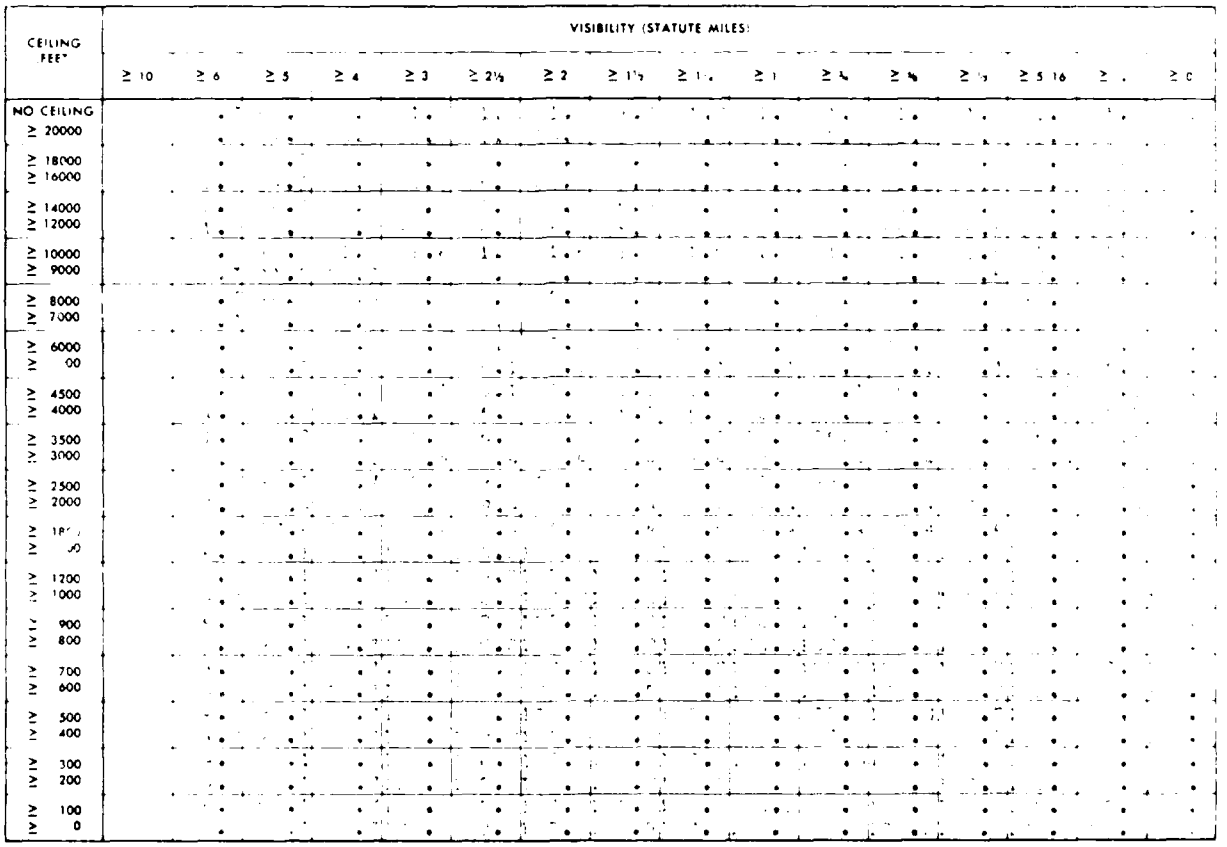
DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

HOURS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)



TOTAL NUMBER OF OBSERVATIONS

[illegible]/NAVOCEANCOMCEN SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, N.C.

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

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

TOTAL NUMBER OF OBSERVATIONS

DIFFICULT CEILING/VIS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, N.C.

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS _____ G.M.T.

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY - STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ 0
NO CEILING															
≥ 20000															
≥ 18000															
≥ 16000															
≥ 14000															
≥ 12000															
≥ 10000															
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≥ 200															
≥ 100															
≥ 0															

TOTAL NUMBER OF OBSERVATIONS _____

SUPERVISOR'S SIGNATURE _____

CEILING VERSUS VISIBILI

STATION STATION NAME YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	< ¼	
NO CEILING														
≥ 20000														
≥ 18000														
≥ 16000														
≥ 14000														
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≥ 900														
≥ 800														
≥ 700														
≥ 600														
≥ 500														
≥ 400														
≥ 300														
≥ 200														
≥ 100														
0														

TOTAL NUMBER OF OBSERVATIONS

PREPARED OR ANNOTATED

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS

DIPNAVOCEANMET 5605

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

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

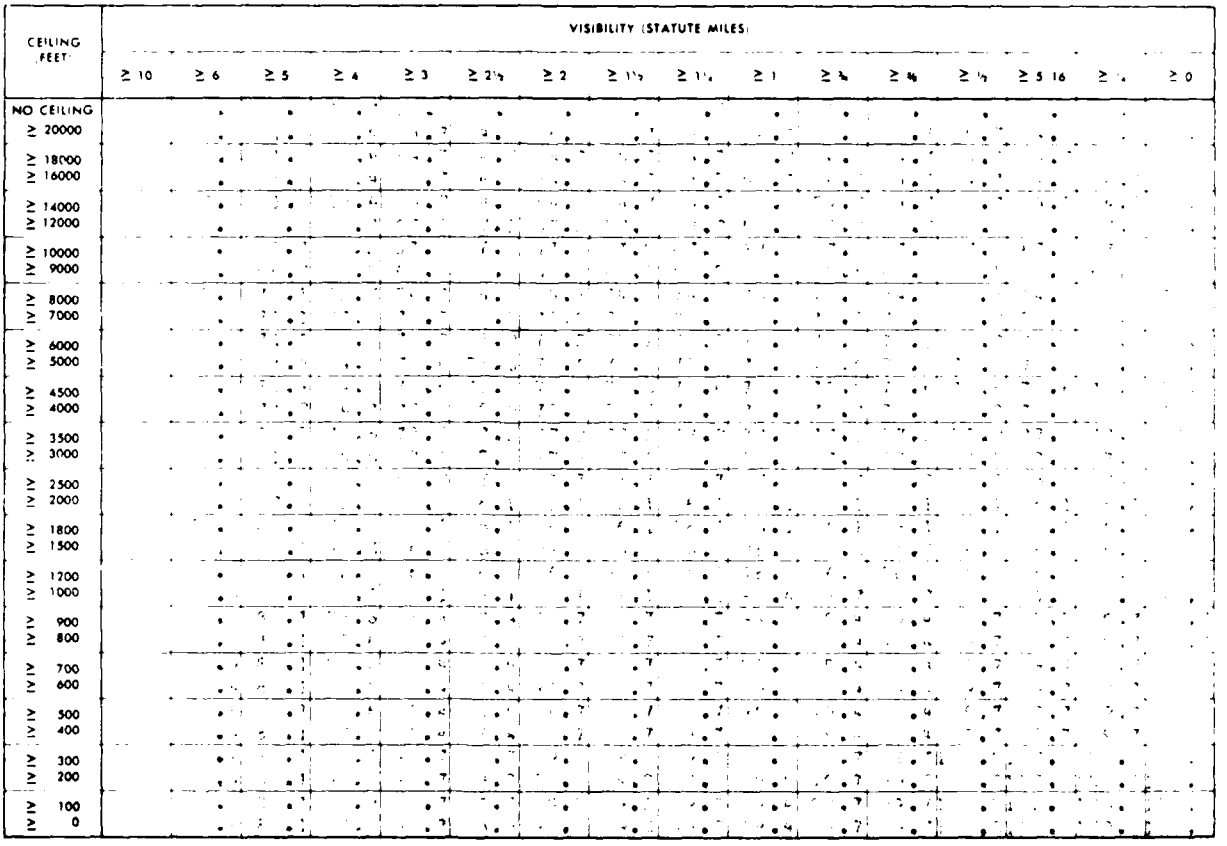
NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)



TOTAL NUMBER OF OBSERVATIONS ____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (EST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET SMO5

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS L S T

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT

STATION | STATION NAME | TEXAS | DATA

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	
NO CEILING															
≥ 20000															
AVAI 18000															
AVAI 16000															
AVAI 14000															
AVAI 12000															
AVAI 10000															
AVAI 9000															
AVAI 8000															
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AVAI 800															
AVAI 700															
AVAI 600															
AVAI 500															
AVAI 400															
AVAI 300															
AVAI 200															
AVAI 100															
AVAI 0															

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET 5M05

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																
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4500 / 4000																
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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 _____ 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																
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≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET 3105/5

NAVAL WEATHER SERVICE DETACHMENT, NORFOLK, VA.

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS _____

OPNAV VUGEANNET (REV. 11)

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS

CEILING FEET	VISIBILITY STATUTE MILES: ≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	< ¼
NO CEILING															
≥ 20000															
≥ 18000															
≥ 16000															
≥ 14000															
≥ 12000															
≥ 10000															
≥ 9000															
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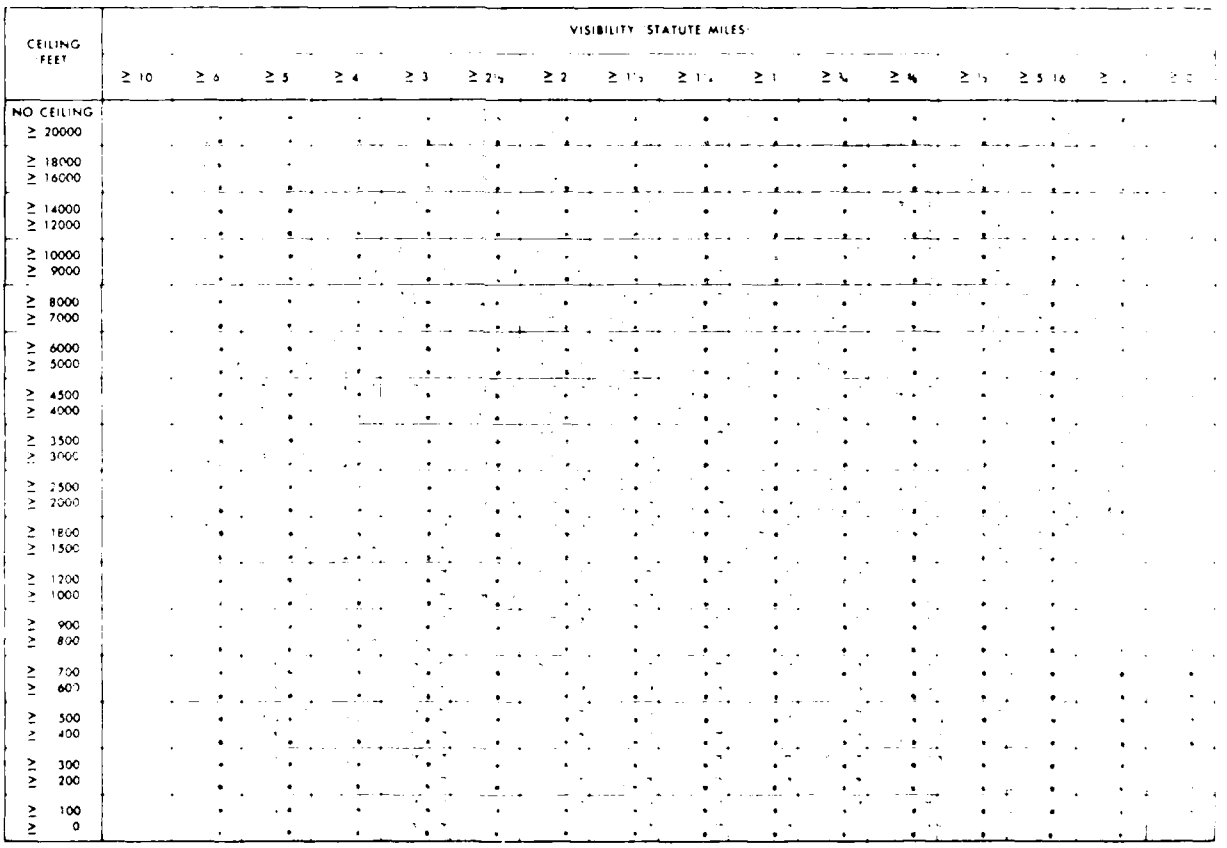
TOTAL NUMBER OF OBSERVATIONS

USPNAVOCEANMET

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)



TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS

[illegible] CEILING [illegible]

NAVAL WEATHER SERVICE — CEILING VERSUS VISIBILITY

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																
AND 18000																
AND 16000																
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TOTAL NUMBER OF OBSERVATIONS _____

DMSA/VOCEANMET — 3/70 (5)

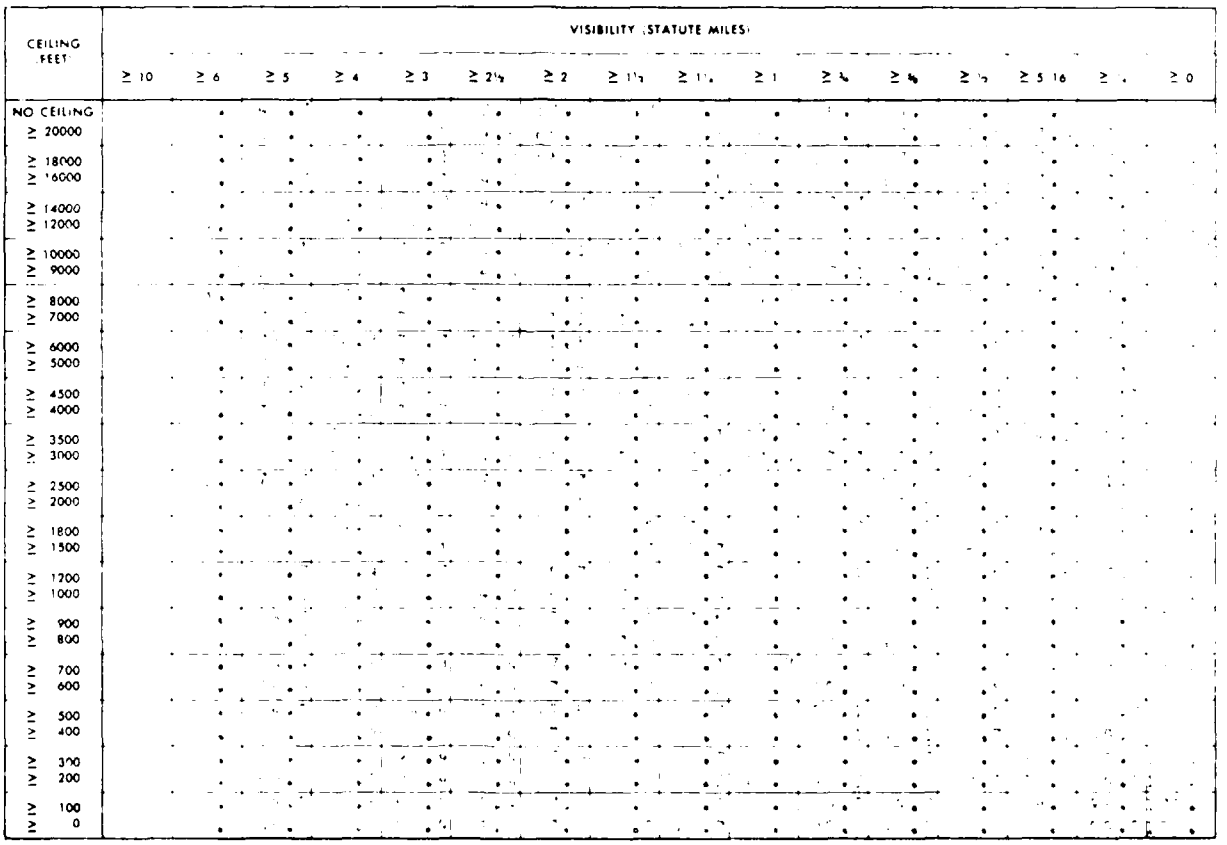
NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS _____ LST



TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET 3140/5

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅓	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
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TOTAL NUMBER OF OBSERVATIONS _____

OPNAV0CEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS L.S.T.

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

DIFNAVOCEANMET 5MOS

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 _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT [illegible]

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L.S.T.) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

OPNAVOCEANMET SMOS

NAVAIR METEOROLOGICAL DETACHMENT ANDREWS AFB

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

HOURS L.S.T.

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET 5/105

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST)

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

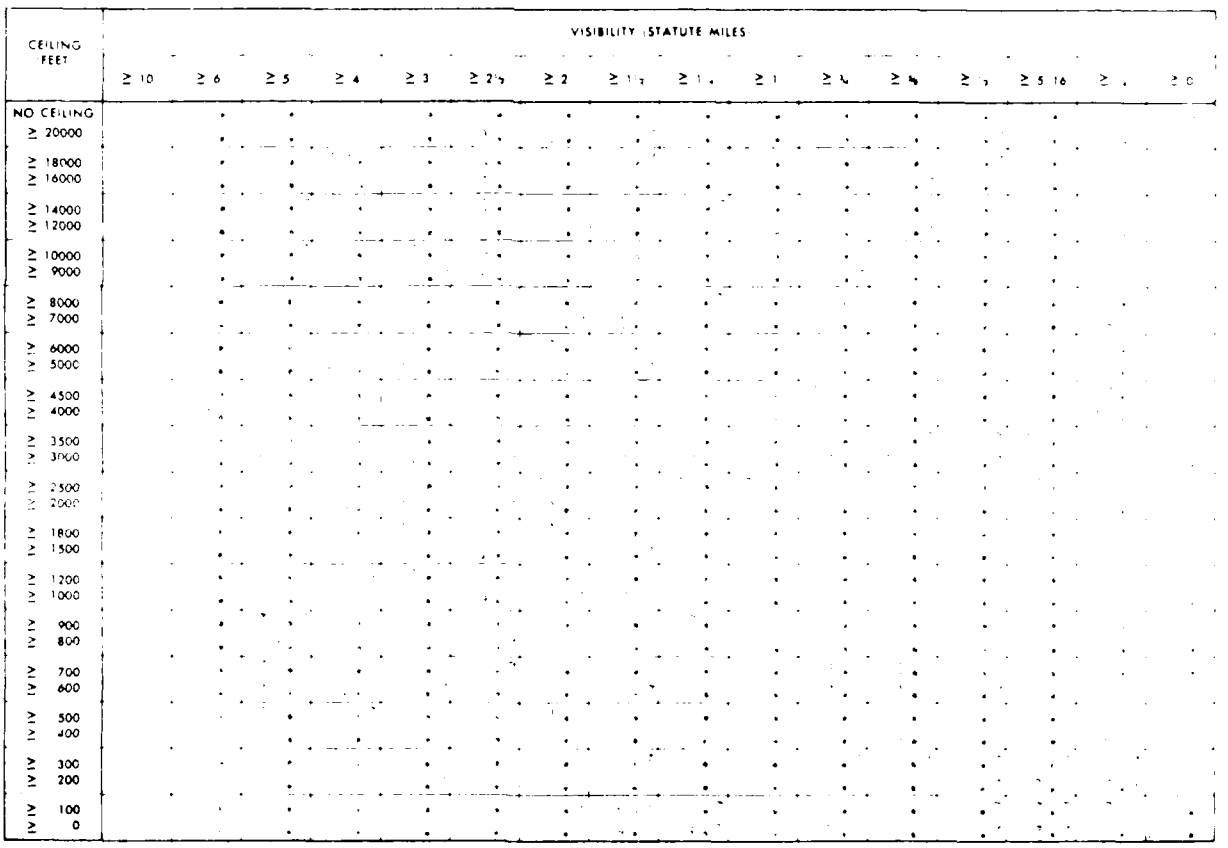
DIPNAVOCEANMET 3M05

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

HOURS L.S.T.

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)



TOTAL NUMBER OF OBSERVATIONS

CIMA AVS CEAN/SET 3705

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	< ¼
NO CEILING														
≥ 20000														
≥ 18000														
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TOTAL NUMBER OF OBSERVATIONS

CEILING CLEARNET

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ADAK, ALEUTIAN IS.

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L.S.T.) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

USWA-ADAK/ANSP-1 (REV. 7-71)

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

NO. OBS _____

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

DIRNAVOCEANMET 3/105

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, N.C.

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS L.S.T.

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

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS L.S.T.

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET 5M-05

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.) _____

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, N.

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

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	< ¼
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 3MOS

NAVAL WEATHER SERVICE FACILITY ASHEVILLE, N.C.

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

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

TOTAL NUMBER OF OBSERVATIONS

DD FORM 0/CEANMET 5605

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

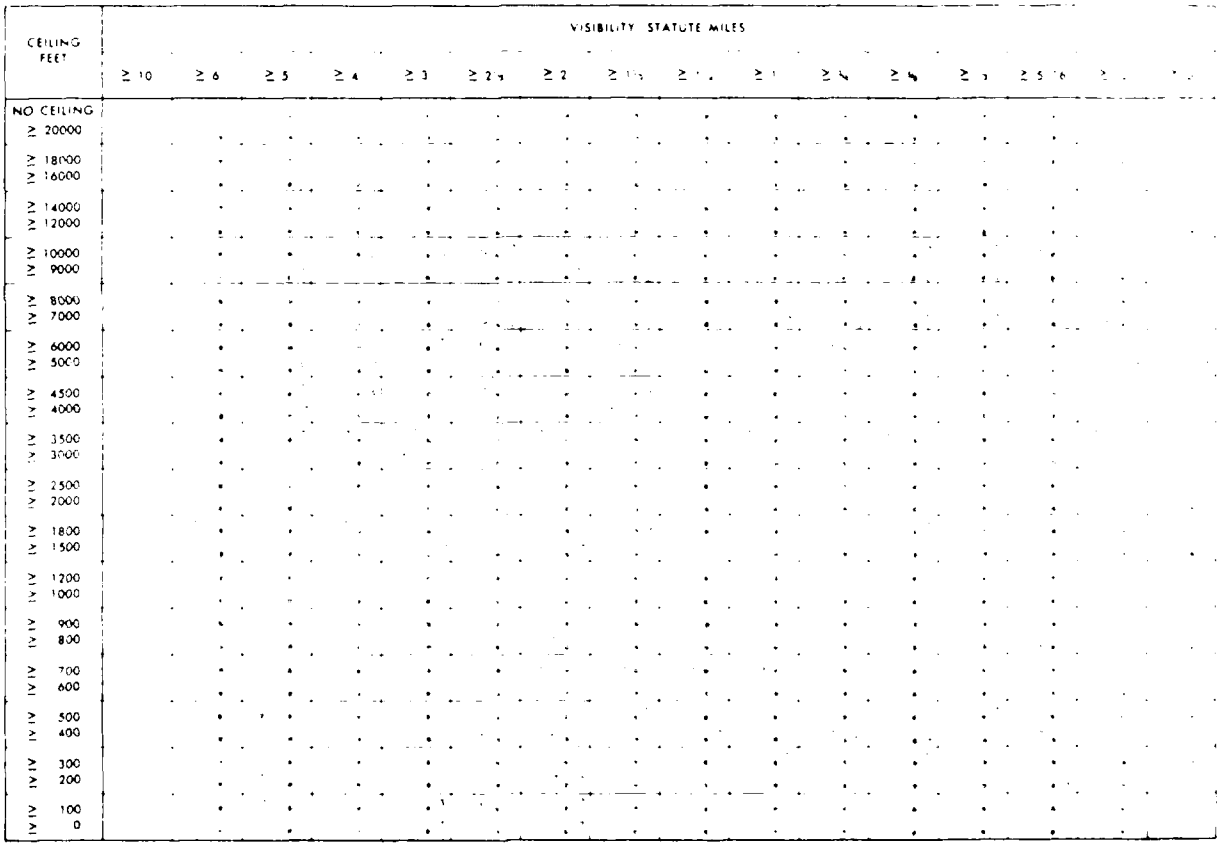
CEILING FEET	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	< ¼
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
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≥ 2000																
≥ 1800																
≥ 1600																
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≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)



TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST)

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

TOTAL NUMBER OF OBSERVATIONS

4

SKY COVER

STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

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SKY COVER

STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

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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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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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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														

4

SKY COVER

STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

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SKY COVER

STATION STATION NAME PERIOD

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														

4

SKY COVER

STATION STATION NAME PERIOD YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

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4

SKY COVER

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

SKY COVER

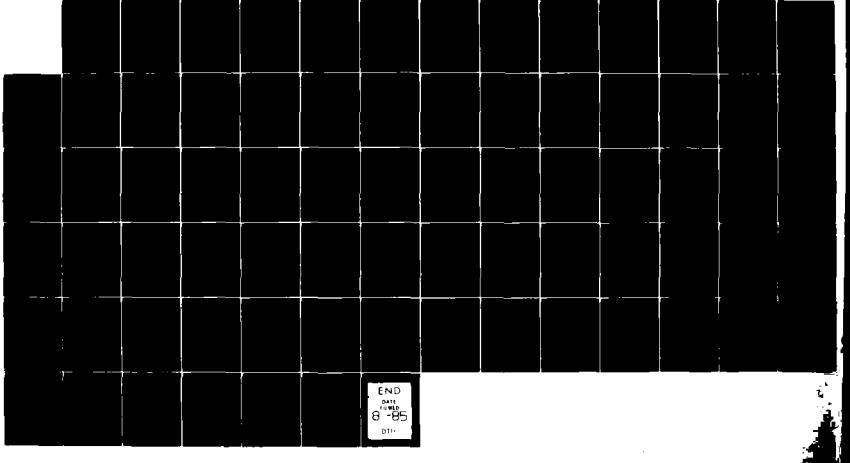
STATION | STATION NAME | YEARS | MONTH

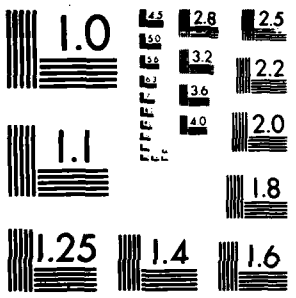
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	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														

AD A150 379 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) NEW ORLEANS LOUISIANA(U) NAVAL OCEANOGRAPHY COMMAND DETACHMENT ASHEVILLE NC SEP 84 4/4

UNCLASSIFIED F/G 4/2 NL





MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963-A

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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NOCD, Federal Building
Asheville, N. C.

PART E PSYCHROMETRIC SUMMARIES

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

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

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

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

   a. Extreme maximum temperature
   b. Extreme minimum temperature

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

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

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

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

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

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

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

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

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

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

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

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

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).

4

DAILY TEMPERATURES

STATION _____ STATION NAME _____ YEARS _____

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥							1.[illegible]	.3	.[illegible]				.[illegible]
≥					.[illegible]	.3	1[illegible].3	[illegible].2	3.1				.[illegible]
≥				.3	.1	43.[illegible]	54.6	57.[illegible]	2[illegible].2	2.[illegible]			[illegible].2
≥			.	.3	4[illegible].7	85.9	91.2	[illegible]2.3	71.[illegible]	32.1	.	.1	[illegible].[illegible]
≥	.	2.4	1.[illegible]	4.5	32.7	98.9	99.[illegible]	98.[illegible]	[illegible]2.1	53.7	15.6	4.[illegible]	[illegible].[illegible]
≥	1.	10.4	35.5	74.4	[illegible]6.[illegible]	99.9	1[illegible].0	100.0	[illegible].7	76.9	41.[illegible]	17.3	64.[illegible]
≥	[illegible].	31.0	56.7	[illegible].3	[illegible].6	1[illegible].0			[illegible].7	[illegible]2.[illegible]	61.6	34.5	7[illegible].
≥	[illegible].	47.2	75.9	[illegible]6.9	99.7				[illegible].9	[illegible].7	76.7	52.5	[illegible].
≥	[illegible].	[illegible]2.7	[illegible]7.7	1[illegible].0	1[illegible].0				100.0	[illegible].7	87.5	69.7	[illegible].8
≥	[illegible].	77.[illegible]	[illegible].							100.0	[illegible].1	81.9	[illegible].3
≥	[illegible].	[illegible].8	89.								.6.	[illegible]2.	[illegible].7
≥	.	[illegible].3	99.7								9.7	[illegible].5	[illegible].
≥	[illegible].	99.4	1[illegible].0								100.0	[illegible].3	[illegible].
≥	[illegible].	1[illegible].0										[illegible].[illegible]	[illegible].[illegible]
≥	[illegible].											[illegible].[illegible]	[illegible].
≥	.												.
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≥													
MEAN	[illegible].	[illegible].	[illegible].	[illegible].	[illegible]5.[illegible]	[illegible]3.[illegible]	[illegible].[illegible]	[illegible]9.[illegible]	[illegible]5.6	[illegible]7.3	[illegible]0.[illegible]	[illegible]4.5	[illegible]7.[illegible]
S.D.	[illegible]1.[illegible]	[illegible].[illegible]4	[illegible]3.[illegible]	5.[illegible]3	[illegible].6[illegible]7	3.[illegible]5[illegible]	[illegible].1[illegible]	3.[illegible]77	[illegible].807	6.436	[illegible].687	[illegible].[illegible]54	12.[illegible]2
TOTAL OBS.	[illegible]	[illegible]5	[illegible]75	[illegible]7[illegible]0	775	[illegible]5[illegible]	775	775	749	775	[illegible]5	775	[illegible]1[illegible]

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4

DAILY TEMPERATURES

1 STATION | STATION NAME | 5 - 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.	1.	.				.
≥					.	.	1 .5	35.2	3 .3	2.2			.
≥			.1	2.	11.	26.5	74.3	94.1	82.6	6 .6	1 .	1.	.
≥		1.	3.1	11.	31.3	63.5	95.3	99.6	99.5	86.8	2 .	1 .	4 .
≥		.	8.	22.7	51.6	44.4	9.3	10 .0	100.0	95.3	51.5	21.	11.4	.
≥		.	16.6	39.9	70.	95.	99.9			98.6	68.6	34.	21.	6 .
≥		3 .5	35.6	55.1	86.3	99.	1 0.0			99.	87.7	52.	35.7	9 .
≥	4	. .9	45.4	72.4	96.3	1 0.0				9 .6	96.3	69.7	46.	.
≥		. .5	62.9	88.6	99.3						99.9	84.	64.1	.
≥		7 .7	1.9	96.	1 0.0						100.0	4.	9 .3	.
≥		. .3	95.2	99.								9.	93.3	.
≥		.	99.6	9.9								1 0.	9.	.
≥		.	100.0	100.0									9.9	.
≥		9.										0.		100.0
≥		1 0.												100.0
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≥														
MEAN														
S.D.														
TOTAL OBS.														

NAVWEASERVCOM

DAILY TEMPERATURES

STATION | STATION NAME | YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

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

NAVWEASERVCOM

4

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible], LA	1958-1983	JANUARY

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	1.2	12.7	59.2	15.1	[illegible]	26.7	1966	43.2	6.2	29	-1.6	1[illegible]
2	1.1	12.6	61.0	15.6	79	26.6	1965	42.2	5.7	27	-2.8	1977
3	[illegible]	11.5	62.[illegible]	16.7	79	26.6	1982*	43.7	6.3	24	-4.4	1979
4	[illegible].1	9.5	58.8	14.9	78	25.6	1972	39.5	4.2	[illegible]	-2.[illegible]	1[illegible]
5	[illegible].7	10.4	59.3	15.2	75	23.9	1962	45.1	7.6	28	-1.[illegible]	1[illegible]
6	[illegible].1	11.7	63.2	17.3	79	26.1	1978*	43.[illegible]	6.1	29	-1.[illegible]	1[illegible]
7	[illegible].9	11.2	61.4	16.3	81	27.2	1982	42.0	6.1	29	-1.[illegible]	1977
8	[illegible].3	9.9	[illegible].5	14.7	79	26.1	1975	41.1	5.2	[illegible]	-6.7	1977
9	[illegible].1	10.4	60.7	15.9	79	26.1	1972	40.6	4.8	23	-5.[illegible]	1[illegible]
10	[illegible].[illegible]	9.2	57.9	14.4	80	26.7	1974*	36.2	2.3	16	-8.9	1[illegible]
11	[illegible].3	9.4	57.7	14.3	77	25.[illegible]	1980	40.1	4.5	14	-10.0	1[illegible]
12	[illegible].[illegible]	9.2	58.[illegible]	14.4	79	25.6	196[illegible]	39.[illegible]	3.7	1[illegible]	-7.8	1952
13	[illegible].[illegible]	10.[illegible]	59.5	14.7	81	27.2	1972	41.6	5.[illegible]	1[illegible]	-7.8	1[illegible]
14	[illegible].[illegible]	10.0	[illegible].8	14.[illegible]	79	26.1	1971	41.1	5.1	2[illegible]	-3.9	1[illegible]
15	[illegible].4	9.7	59.4	15.2	76	24.4	1974	39.4	4.1	24	-4.4	1985
16	[illegible].9	9.4	[illegible].2	15.1	7[illegible]	25.6	1974	38.6	3.7	2[illegible]	-[illegible].3	1977
17	[illegible].4	9.7	[illegible].9	14.[illegible]	77	25.[illegible]	1974	39.9	4.4	[illegible]2	-5.6	1977
18	[illegible].[illegible]	1[illegible].9	[illegible]1.3	16.3	77	25.[illegible]	1974	42.2	5.7	2[illegible]	-[illegible].3	1977
19	[illegible].[illegible]	11.4	6[illegible].[illegible]	16.1	7[illegible]	25.6	1972	44.2	6.[illegible]	[illegible]1	-6.1	1977
20	[illegible].[illegible]	10.[illegible]	[illegible]9.4	15.2	7[illegible]	25.6	1982	42.[illegible]	5.[illegible]	22	-[illegible].6	1977
21	[illegible].[illegible]	10.3	[illegible].6	15.[illegible]	7[illegible]	26.1	1982	41.[illegible]	5.3	[illegible]3	-[illegible].2	19[illegible]
22	[illegible].[illegible]	11.6	[illegible]0.1	16.7	76	24.4	1982*	43.5	6.4	[illegible]2	-3.[illegible]	1981
23	[illegible]4.[illegible]	12.[illegible]	[illegible]4.3	17.[illegible]	81	27.[illegible]	197[illegible]	45.4	7.4	23	-[illegible].[illegible]	1[illegible]3
24	[illegible].[illegible]	11.6	[illegible]1.[illegible]	16.6	7[illegible]	25.6	1974*	43.7	[illegible].5	1[illegible]	-[illegible].4	1[illegible]3
25	[illegible]3.[illegible]	12.1	[illegible]3.4	17.4	7[illegible]	25.6	1971	44.2	6.[illegible]	2[illegible]	-5.[illegible]	1965
26	[illegible]5.[illegible]	12.[illegible]	[illegible]4.8	18.[illegible]	77	25.[illegible]	1967	46.[illegible]	7.8	[illegible]4	1.1	1982
27	[illegible].[illegible]	11.8	[illegible]1.[illegible]	16.[illegible]	79	[illegible].1	1972	44.[illegible]	7.1	2[illegible]	-3.3	1966
28	[illegible].2	11.8	[illegible]2.5	16.9	7[illegible]	[illegible].1	1974*	44.[illegible]	6.7	2[illegible]	-1.[illegible]	197[illegible]
29	[illegible].[illegible]	12.[illegible]	63.[illegible]	17.[illegible]	79	[illegible].1	1975	43.4	6.3	[illegible]4	-4.4	1966
30	[illegible]4.[illegible]	12.3	63.[illegible]	17.7	8[illegible]	[illegible].7	1971	44.[illegible]	7.0	1[illegible]	-7.2	1966
31	[illegible].[illegible]	12.1	62.[illegible]	17.1	7[illegible]	[illegible].1	1975	44.5	6.9	[illegible]9	-1.7	1966
Monthly	[illegible].5	10.8	[illegible]0.[illegible]	16.[illegible]	81	27.[illegible]	1982*	42.3	5.7	14	-10.0	19[illegible]2

*ALSO ON EARLIER YEARS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible]	1958-1982	FEBRUARY

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	[illegible]	12.9	[illegible]	17.7	81	[illegible]	1975	46.7	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	11.8	61.3	16.3	83	[illegible]	1975	45.3	7.3	[illegible]	[illegible]	[illegible]
3	[illegible]	10.2	59.7	15.4	79	26.1	1975	41.6	5.3	[illegible]	[illegible]	1981
4	[illegible]	9.6	59.1	15.1	77	25.[illegible]	1971	39.[illegible]	4.1	[illegible]	[illegible]	[illegible]
5	[illegible]	11.3	62.4	16.[illegible]	7[illegible]	25.6	1976	42.2	5.7	[illegible]	[illegible]	1966
6	[illegible]	11.6	61.8	16.6	78	25.6	1974	43.[illegible]	6.6	[illegible]	[illegible]	1978
7	[illegible]	10.0	59.0	15.0	75	23.9	1973*	41.[illegible]	5.[illegible]	[illegible]	[illegible]	[illegible]
8	[illegible]	9.9	58.0	14.6	77	25.0	1969	39.5	4.2	[illegible]	[illegible]	1966
9	[illegible]	[illegible]	61.4	16.3	77	25.0	1965	41.6	5.3	[illegible]	[illegible]	1971
10	[illegible]	11.2	62.4	16.9	79	26.1	1960	41.[illegible]	5.5	[illegible]	[illegible]	1979
11	[illegible]	12.[illegible]	64.5	18.1	79	26.1	1975	42.[illegible]	6.0	[illegible]	[illegible]	1977
12	[illegible]	[illegible]	61.2	16.2	75	23.9	1962	42.0	[illegible]	[illegible]	[illegible]	1951
13	[illegible]	11.3	61.[illegible]	16.6	81	27.2	1959	42.[illegible]	5.9	[illegible]	[illegible]	1958
14	[illegible]	11.9	63.[illegible]	17.7	8[illegible]	26.7	1959	43.1	6.2	[illegible]	[illegible]	1974
15	[illegible]	13.[illegible]	[illegible]5.5	18.[illegible]	76	24.4	1958*	47.[illegible]	8.3	[illegible]	.6	1977
16	[illegible]	12.7	63.5	16.[illegible]	7[illegible]	25.6	1975	47.3	8.5	[illegible]	[illegible]	[illegible]
17	[illegible]	17.2	62.2	16.[illegible]	80	26.[illegible]	1982	45.[illegible]	7.7	[illegible]	[illegible]	1958
18	[illegible]	13.1	64.9	18.3	[illegible]2	27.8	1976	46.2	7.9	[illegible]	[illegible]	1965
19	[illegible]	12.4	63.7	17.6	82	27.8	1976	45.1	7.3	[illegible]	[illegible]	1954
20	[illegible]	12.[illegible]	64.9	18.3	8[illegible]	26.7	1981	45.3	7.4	[illegible]	[illegible]	1979
21	[illegible]	13.[illegible]	66.2	19.[illegible]	7[illegible]	25.6	1980	47.[illegible]	[illegible].8	[illegible]	.6	1978
22	[illegible]	12.7	63.3	17.4	8[illegible]	26.7	1975	46.2	7.9	[illegible]	[illegible]	1978
23	[illegible]	13.1	65.7	18.7	79	26.1	1982	45.3	7.4	[illegible]	[illegible]	1954
24	[illegible]	12.9	65.9	18.8	8[illegible]	26.7	1972	44.6	7.[illegible]	[illegible]	[illegible]	1968
25	[illegible]	12.3	64.4	18.0	81	27.2	1972	44.[illegible]	6.7	[illegible]	[illegible]	1964
26	[illegible]	12.4	64.3	17.9	84	28.9	1972	44.2	6.8	[illegible]	[illegible]	1974
27	[illegible]	12.[illegible]	65.6	18.[illegible]	81	27.2	1962	44.6	7.0	[illegible]	[illegible]	1974
28	[illegible]	14.[illegible]	[illegible]9.[illegible]	20.[illegible]	80	26.7	1972	48.3	9.1	[illegible]	1.7	1977
29	[illegible]	14.[illegible]	67.2	19.6	7[illegible]	[illegible]5.6	1972	47.3	8.5	34	1.1	1958
30												
31												
Monthly	[illegible]	12.1	[illegible]3.2	17.3	84	[illegible].9	1972	44.1	6.7	[illegible]	-6.7	1958

*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]-1983	[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]	14.1	66.6	19.2	[illegible]	[illegible]	1976*	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	14.[illegible]	[illegible]	20.1	[illegible]	[illegible]	1976	47.7	8.6	27	-2.[illegible]	19[illegible]
3	[illegible]	14.7	67.1	19.5	81	27.2	1976	49.6	9.8	[illegible]	-5.[illegible]	1[illegible]
4	[illegible]	14.[illegible]	[illegible]	19.7	81	27.2	1975	50.2	10.2	31	-.6	1971
5	[illegible]	14.6	66.5	19.[illegible]	84	28.9	1975	49.9	9.[illegible]	[illegible]	-1.[illegible]	197[illegible]
6	[illegible].7	13.7	[illegible]6.[illegible]	19.[illegible]	[illegible]	27.8	1974	46.7	8.3	[illegible]	-1.1	1[illegible]
7	[illegible]	14.5	[illegible]6.3	19.1	82	27.8	1983	49.9	9.9	[illegible]	1.7	19[illegible]
8	[illegible]7.	14.4	67.6	19.8	[illegible]	27.8	196[illegible]	[illegible]	[illegible]	[illegible]	-1.7	1971
9	[illegible]	14.5	[illegible].8	20.4	[illegible]	26.7	1983	47.7	[illegible]	[illegible]	1.1	1971
10	[illegible]	13.1	[illegible].4	21.3	84	28.9	1980	51.5	1[illegible].8	[illegible]	.6	19[illegible]
11	[illegible].1	15.7	71.2	21.[illegible]	[illegible]	27.8	1974*	[illegible]	11.7	[illegible]	1.7	1965
12	[illegible]	15.7	[illegible].8	21.[illegible]	85	29.4	1974	[illegible]	12.2	[illegible]	[illegible]	1977
13	[illegible].1	15.2	[illegible].5	21.4	83	[illegible]	1982	51.6	10.[illegible]	[illegible]	-.6	19[illegible]
14	[illegible]	16.4	71.5	21.9	85	29.4	1979	51.[illegible]	11.[illegible]	[illegible]	.6	197[illegible]
15	[illegible]	17.[illegible]	71.7	22.1	84	[illegible]	1967	53.5	11.[illegible]	[illegible]	[illegible]	1[illegible]
16	[illegible]	16.3	71.[illegible]	21.[illegible]	83	[illegible]	1982	51.[illegible]	11.[illegible]	[illegible]	[illegible]	19[illegible]
17	[illegible].7	15.9	[illegible].7	21.5	[illegible]3	[illegible]	1983	50.7	10.4	[illegible]	[illegible]	197[illegible]
18	[illegible]	16.6	72.5	22.[illegible]	86	30.0	1982*	51.2	[illegible].7	[illegible]	4.4	1[illegible]
19	[illegible]	17.1	72.4	22.4	[illegible]	[illegible]	1982*	53.2	11.[illegible]	[illegible]	[illegible]	19[illegible]
20	[illegible]	17.1	72.4	22.4	[illegible]	[illegible]	1982	53.2	11.[illegible]	[illegible]	.6	1[illegible]
21	[illegible]	15.8	[illegible].7	21.[illegible]	83	[illegible]	1982*	[illegible]	10.2	[illegible]	1.7	19[illegible]
22	[illegible].[illegible]	14.[illegible]	[illegible].7	[illegible]	[illegible]	[illegible]	197[illegible]	48.[illegible]	[illegible].2	[illegible]	.6	1[illegible]
23	[illegible]	15.7	[illegible].7	21.[illegible]	[illegible]	[illegible]	1975*	[illegible]	10.0	[illegible]	-.6	1965
24	[illegible].7	15.9	[illegible].8	21.[illegible]	86	[illegible]	1975	[illegible]	10.3	[illegible]	-1.1	1[illegible]
25	[illegible]	16.2	[illegible]	21.4	[illegible]	27.8	1982	51.[illegible]	11.1	[illegible]	.6	1[illegible]
26	[illegible].6	13.3	6[illegible].[illegible]	[illegible]	[illegible]	[illegible]	1976*	51.1	1[illegible].6	[illegible]	[illegible]	19[illegible]
27	[illegible].[illegible]	15.7	[illegible].1	21.2	81	[illegible]	1973	[illegible]	1[illegible].2	[illegible]	2.2	1[illegible]
28	[illegible]	17.8	[illegible].7	22.6	83	[illegible]	1973	55.2	12.9	[illegible]	4.4	1[illegible]
29	[illegible]	13.[illegible]	[illegible].4	23.[illegible]	84	[illegible]	1976	57.4	14.1	[illegible]	6.1	1983
30	[illegible]	18.6	[illegible].[illegible]	23.3	[illegible]	[illegible]	1981	57.1	13.9	[illegible]	[illegible]	1964
31	[illegible]	17.7	[illegible].4	23.6	[illegible]	[illegible]	1978	[illegible]	11.8	[illegible]	2.2	1964
Monthly	[illegible].7	15.9	[illegible]	21.2	[illegible]	[illegible]	197[illegible]	51.[illegible]	10.7	[illegible]	-5.[illegible]	19[illegible]

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION | STATION NAME | YEARS | MONTH

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP EXTREME DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP EXTREME DATE
1	[illegible]	19.[illegible]	76.4	24.[illegible]	82	27.8	1973*	55.[illegible]	13.[illegible]	[illegible]	[illegible]	[illegible]
2	[illegible]	19.6	75.3	24.1	83	28.3	1977*	56.[illegible]	13.1	4[illegible]	4.4	19[illegible]
3	6[illegible]	19.0	75.6	24.2	84	28.9	1980*	56.[illegible]	13.2	7[illegible]	[illegible]	19[illegible]
4	[illegible]	19.3	74.4	23.6	[illegible]	[illegible]	1967	55.6	13.1	4[illegible]	[illegible]	19[illegible]
5	[illegible]	18.[illegible]	74.0	23.3	82	[illegible]	1967*	54.[illegible]	12.7	4[illegible]	5.6	1973
6	[illegible]	17.7	74.4	23.6	81	27.2	1979*	[illegible]	11.[illegible]	4[illegible]	4.4	1977
7	[illegible]	19.4	75.2	24.[illegible]	8[illegible]	29.4	1978	56.[illegible]	12.[illegible]	[illegible]	[illegible]	19[illegible]
8	[illegible]	19.6	77.2	25.1	86	29.4	1976*	57.[illegible]	14.[illegible]	[illegible]	[illegible]	19[illegible]
9	[illegible]6.1	19.9	76.5	24.2	84	28.9	1961	54.7	12.7	[illegible]	[illegible]	19[illegible]
10	[illegible]	18.4	74.7	23.7	86	[illegible]	1963	55.[illegible]	12.[illegible]	4[illegible]	[illegible]6	19[illegible]
11	[illegible]6.	19.4	76.8	24.[illegible]	86	30.0	1963	57.[illegible]	13.[illegible]	[illegible]	[illegible]	19[illegible]
12	67.7	19.8	77.0	25.0	87	30.6	1976	58.[illegible]	14.7	4[illegible]	5.6	19[illegible]
13	[illegible]	[illegible].1	77.5	25.[illegible]	8[illegible]	29.4	1965	58.8	14.[illegible]	4[illegible]	5.6	19[illegible]
14	67.[illegible]	19.9	77.4	25.2	86	30.0	1976	58.4	14.7	4[illegible]	[illegible]	19[illegible]
15	[illegible].7	19.8	77.8	25.4	87	30.6	1981	57.5	14.2	4[illegible]	[illegible]	19[illegible]
16	[illegible].[illegible]	19.6	77.2	25.1	87	3[illegible].6	1972	57.[illegible]	14.[illegible]2	4[illegible]	[illegible].1	19[illegible]
17	6[illegible].9	[illegible].[illegible]	76.5	25.[illegible]	88	31.1	19[illegible]	59.7	15.[illegible]	4[illegible]	[illegible]	19[illegible]
18	[illegible]0.[illegible]	21.2	78.9	26.1	8[illegible]	29.4	1981*	61.4	16.3	4[illegible]	[illegible].9	19[illegible]
19	[illegible]0.	21.2	79.3	26.3	8[illegible]	29.4	1981	61.1	16.2	4[illegible]	[illegible].7	19[illegible]
20	[illegible].1	21.2	79.1	26.2	87	30.6	1981	61.1	16.2	[illegible]	[illegible].9	19[illegible]
21	[illegible].	21.6	79.4	26.3	8[illegible]	31.1	1981	[illegible]2.[illegible]	16.[illegible]	[illegible]7	[illegible].3	19[illegible]
22	[illegible]1.[illegible]	22.2	[illegible]0.4	26.[illegible]	88	31.1	1970	[illegible]7.3	17.4	[illegible]1	1[illegible].6	1[illegible]
23	[illegible].2	22.3	79.9	26.6	86	30.0	1976*	64.4	18.[illegible]	4[illegible]	[illegible].9	19[illegible]
24	[illegible]1.1	21.7	79.8	26.6	87	30.6	1958	60.3	16.[illegible]	4[illegible]7	8.[illegible]	1965
25	[illegible]1.2	21.[illegible]	[illegible].6	27.[illegible]	9[illegible]	32.[illegible]	1975	61.7	16.[illegible]	4[illegible]	7.[illegible]	1963
26	[illegible]1.[illegible]	22.[illegible]	[illegible].3	27.1	96	35.[illegible]	1971*	62.3	16.[illegible]	4[illegible]	7.8	1965
27	[illegible]1.[illegible]	21.4	79.7	26.5	86	3[illegible].[illegible]	1964	61.5	16.4	[illegible]3	[illegible].9	1977
28	71.7	22.1	[illegible]1.1	27.3	88	31.1	1981	62.3	16.8	47	8.3	19[illegible]
29	[illegible].[illegible]	22.2	[illegible]1.0	27.2	88	31.1	19[illegible]	63.[illegible]	17.2	49	9.4	19[illegible]
30	[illegible]2.	22.[illegible]	[illegible]1.0	27.2	92	33.[illegible]	1981	63.0	17.7	45	7.2	19[illegible]
31												
Monthly	[illegible].[illegible]	20.3	[illegible]7.[illegible]	25.4	92	33.3	1981	59.1	1[illegible].1	[illegible]5	2.2	1971

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

4

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION | STATION NAME | YEARS | MONTH

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	[illegible]	22.4	[illegible]	29.1	[illegible]	[illegible]	[illegible]	67.[illegible]	17.7	[illegible]	[illegible]	[illegible]
2	[illegible]	21.[illegible]	[illegible]	26.7	[illegible]	[illegible]	[illegible]	60.[illegible]	17.1	[illegible]	[illegible]	[illegible]
3	[illegible]	21.[illegible]	[illegible].7	26.[illegible]	8[illegible]	31.[illegible]	197[illegible]	61.6	16.4	[illegible]	[illegible].6	[illegible]
4	[illegible]	21.[illegible]	[illegible].2	26.[illegible]	8[illegible]	31.1	1974	61.[illegible]	16.4	[illegible]	[illegible].8	[illegible]
5	[illegible]	21.[illegible]	1.1	27.3	[illegible]	[illegible]	[illegible]	61.[illegible]	16.[illegible]	[illegible]	11.1	[illegible]
6	[illegible]	23.1	1.6	27.[illegible]	8[illegible]	31.[illegible]	1975	65.4	18.6	[illegible]	11.7	[illegible]
7	[illegible].7	23.2	1.9	27.7	[illegible]	31.1	[illegible]	65.4	18.7	[illegible]	[illegible].4	[illegible]
8	[illegible]	23.[illegible]	[illegible].[illegible]	[illegible].[illegible]	91	32.	1977	65.7	18.7	[illegible]	[illegible]	[illegible]
9	[illegible].[illegible]	22.[illegible]	[illegible].[illegible]	[illegible].[illegible]	7[illegible]	32.2	1974	63.7	17.[illegible]	[illegible]	11.7	[illegible]
10	[illegible].[illegible]	22.7	[illegible].8	[illegible].7	8[illegible]	31.[illegible]	[illegible]	63.[illegible]	17.7	[illegible]	[illegible].4	[illegible]
11	[illegible].[illegible]	23.4	[illegible].	[illegible].[illegible]	[illegible]	[illegible].1	[illegible]	6[illegible].[illegible]	[illegible].4	[illegible]	[illegible].6	[illegible]
12	[illegible].[illegible]	23.4	[illegible].3	27.[illegible]	[illegible]	31.1	[illegible]	65.[illegible]	[illegible].[illegible]	[illegible]	[illegible]	[illegible]
13	[illegible].4	23.[illegible]	[illegible].4	[illegible].[illegible]	[illegible]	[illegible].[illegible]	1968	64.5	18.1	[illegible]	[illegible].[illegible]	[illegible]
14	[illegible].[illegible]	23.4	[illegible].1	[illegible].4	[illegible]	[illegible].[illegible]	1963	[illegible].[illegible]	[illegible].4	[illegible]	[illegible].[illegible]	[illegible]
15	[illegible].[illegible]	23.1	[illegible].6	[illegible].[illegible]	[illegible]	32.[illegible]	[illegible]	64.7	[illegible].[illegible]	[illegible]	[illegible].[illegible]	[illegible]
16	[illegible].[illegible]	22.[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible]	31.[illegible]	[illegible]	[illegible].7	17.6	[illegible]	[illegible].[illegible]	[illegible]
17	[illegible].[illegible]	23.4	[illegible].7	[illegible].7	[illegible]	[illegible].[illegible]	1974	64.[illegible]	18.[illegible]	[illegible]	[illegible].[illegible]	[illegible]
18	[illegible]	[illegible].	[illegible].	[illegible].9	[illegible]	[illegible].[illegible]	[illegible]	66.5	[illegible].[illegible]	[illegible]	[illegible]	[illegible]
19	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	29.4	[illegible]	33.[illegible]	[illegible]	66.4	[illegible].1	[illegible]	[illegible].[illegible]	[illegible]
20	[illegible].[illegible]	[illegible].1	[illegible].4	[illegible].[illegible]	[illegible]	[illegible].[illegible]	[illegible]	66.4	[illegible].1	[illegible]	[illegible].[illegible]	[illegible]
21	[illegible].[illegible]	[illegible].1	[illegible].9	[illegible].[illegible]	[illegible]	[illegible].[illegible]	[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible]	11.1	[illegible]
22	[illegible]	[illegible].4	[illegible].8	[illegible].[illegible]	[illegible]	32.	[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible]	[illegible].[illegible]	[illegible]
23	[illegible].[illegible]	[illegible].7	[illegible].[illegible]	[illegible].[illegible]	[illegible]	[illegible].[illegible]	[illegible]	[illegible].[illegible]	[illegible].6	[illegible]	[illegible].1	[illegible]
24	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].1	[illegible]	[illegible].[illegible]	[illegible]	67.8	[illegible].[illegible]	[illegible]	[illegible].[illegible]	[illegible]
25	[illegible].[illegible]	[illegible].2	[illegible].6	[illegible].[illegible]	[illegible]	[illegible].[illegible]	[illegible]	[illegible].[illegible]	[illegible].1	[illegible]	11.7	[illegible]
26	[illegible].[illegible]	[illegible].1	[illegible].5	[illegible].[illegible]	[illegible]	[illegible].[illegible]	[illegible]	67.[illegible]	[illegible].[illegible]	[illegible]	[illegible].[illegible]	[illegible]
27	[illegible].[illegible]	[illegible].4	6.8	[illegible].4	[illegible]	[illegible].[illegible]	[illegible]	[illegible].4	[illegible].[illegible]	[illegible]	11.[illegible]	[illegible]
28	[illegible]	[illegible].1	[illegible].[illegible]	[illegible].4	[illegible]	[illegible].	[illegible]	67.7	[illegible].[illegible]	[illegible]	[illegible].6	[illegible]
29	[illegible].[illegible]	[illegible].1	[illegible].5	[illegible].[illegible]	[illegible]	[illegible].	[illegible]	67.[illegible]	[illegible].[illegible]	[illegible]	[illegible].	[illegible]
30	[illegible].[illegible]	[illegible].1	[illegible].[illegible]	[illegible].1	[illegible]	[illegible].[illegible]	[illegible]	67.[illegible]	[illegible].[illegible]	[illegible]	14.4	[illegible]
31	[illegible].[illegible]	[illegible].4	[illegible].[illegible]	[illegible].[illegible]	[illegible]	34.[illegible]	[illegible]	68.[illegible]	[illegible].[illegible]	[illegible]	[illegible].7	[illegible]
Monthly	[illegible].	23.[illegible]	[illegible].[illegible]	29.[illegible]	97	[illegible].1	[illegible]	[illegible].[illegible]	[illegible].7	[illegible]	[illegible].[illegible]	[illegible]

*ALSO ON EARLIER YEARS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION | STATION NAME | YEARS

DAY	MEAN TEMP AVERAGE F	MEAN TEMP AVERAGE C	MAXIMUM TEMP AVERAGE F	MAXIMUM TEMP AVERAGE C	MAXIMUM TEMP EXTREME F	MAXIMUM TEMP EXTREME C	MAXIMUM TEMP EXTREME DATE	MINIMUM TEMP AVERAGE F	MINIMUM TEMP AVERAGE C	MINIMUM TEMP EXTREME F	MINIMUM TEMP EXTREME C	MINIMUM TEMP EXTREME DATE
1												
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28												
29												
30												
31												
Monthly												

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

4

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION | STATION NAME | YEARS | MONTH

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP DATE
1	1.	27.7	90.9	32.7	101	38.3	198	73.7	22.	67	19.4	1
2	.	27.5	91.7	32.	97	36.1	198	71.4	21.	6	20.5	1
3	.	27.8	91.7	32.6	9	36.6	1979	72.3	22.4	6	21.1	1
4	.	27.5	90.8	32.7	97	36.1	1982	72.3	22.4	6	20.5	1
5	1.	27.6	91.7	32.6	97	36.1	1979	73.4	22.4	67	19.4	1
6	1.	27.4	90.5	31.6	1	35.3	19	73.9	23.1	67	19.4	1
7	1.	27.6	89.9	32.2	1	37.3	198	73.	23.1	6	20.6	1
8	1.	27.7	91.9	32.7	9	36.7	1981	72.8	22.7	67	19.4	1
9	1.	27.5	90.7	31.	9	36.1	1951	73.7	23.2	6	20.6	1
10	1.	27.4	90.3	31.5	9	36.7	198	73.5	23.1	67	19.4	1
11	1.	27.3	90.4	31.	9	36.7	198	73.3	22.9	6	19.4	1
12	.	27.8	91.7	32.6	100	37.8	198	73.2	22.9	67	19.4	1
13	1.	27.4	90.2	32.3	9	36.7	1981	73.1	22.8	6	19.9	1
14	.	27.8	90.	32.5	9	37.2	1981	73.6	23.2	6	-	1
15	1.	27.7	90.7	32.4	101	38.5	1983	73.5	23.1	6	19.2	1
16	.	27.8	91.5	32.5	1	38.	198	73.5	23.1	6	19.7	1
17	1.	27.6	91.6	32.	9	36.7	198	73.5	23.1	6	19.5	1
18	1.	27.6	91.9	32.7	9	37.2	1981	73.3	22.9	67	19.4	1
19	.	27.8	91.	32.8	9	36.7	1981	73.9	23.3	6	20.6	1
20	1.	27.7	90.	32.3	9	36.7	1981	73.7	23.2	6	20.4	1
21	1.	27.7	89.7	32.1	9	36.7	1981	74.1	23.4	6	21.1	1
22	1.	27.6	89.7	32.1	101	38.7	1981	73.	23.1	6	20.6	1
23	1.	27.7	91.6	32.	100	38.3	1981	74.4	23.4	6	21.1	1
24	.	27.9	92.6	33.6	9	36.1	1981	74.4	23.6	6	21.	1
25	1.	27.7	90.7	32.1	9	36.6	1975	74.1	23.3	6	21.1	1
26	.1	27.8	91.4	32.	9	36.6	1975	74.7	23.7	6	21.5	1
27	1.	27.5	90.8	32.1	9	36.4	1976	74.2	23.	6	20.6	1
28	1.	27.5	91.	32.5	97	36.1	196	74.1	23.3	6	20.6	1
29	1.	27.	91.1	32.	9	36.7	1981	73.9	23.1	6	20.5	1
30	1.	27.7	90.9	32.7	100	37.8	198	73.6	23.2	6	21.6	1
31	1.	27.4	90.	31.	9	36.7	198	73.7	23.2	6	19.8	1
Monthly	1.	27.	90.0	32.2	10	38.	1981	73.6	23.1	6	19.7	196

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION | STATION NAME | YEARS | MONTH

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP DATE
1	1..	27.7	..	32.3	97	36.1	1976	73..	23.1	67	19.4	197..
2	1..	27.3	8..	32..	9..	35..	1981	73.3	22.9	6.	20.6	19..
3	1..	27.6	8..	31..	97	36.1	197..	73.9	23.2	6.	20..	19..
4	1..	27.6	8..	32.1	9.	36.1	197.	73..	23.1	6.	2..	19..
5	1..	27.6	8..	32..	9.	35..	1979	73..	23.2	6.	2..	19..
6	..	27.8	8..	32.4	9.	35..	1979	73.6	23.2	7.	21.1	19..
7	..	27..	8..	32.4	9.	37..	1976	74.3	23.5	6.	2..	19..
8	1..	27.6	8..	31..	9	35..	1962	74..	23.4	7	21.1	19..
9	1..	27.6	8..	32..	9.	35..	1981	73..	23.2	67	19.4	19..
10	..	27.6	8..	32.4	9.	35.6	1962	73..	23.2	67	19.4	19..
11	1..	27.3	8..	31..	9.	35.6	1981	73.9	22.7	67	19.4	19..
12	1..	27.3	8..	31..	9.	35.6	198.	73..	22..	6.	19..	19..
13	1..	27..	8..	32.3	9.	36..	1981	73..	22..	6.	2..	19..
14	1..	27.6	8..	32.1	9.	35.6	1981	73.4	23..	6.	2..	19..
15	1..	27..	8..	32.4	9.	35..	1981	73..	23.1	6.	2..	19..
16	1..	27..	8..	31..	9.	35.6	1981	74.1	23.4	6.	2..	19..
17	1..	27.7	8..	32.1	9.	36..	1949	73.7	23.2	65	1..	19..
18	2..	..	..	32..	9.	36.7	1981	73.6	23.1	7.	21.1	19..
19	..	27..	..	32..	9.	37..	1981	73.9	23.3	67	19.4	19..
20	..	27..	..	32.6	1..	37.8	198.	73.7	23.2	67	19.4	1981
21	..	27..	8..	32..	9.	37..	198.	73.7	23.2	6.	20.6	19..
22	..	27.8	8..	32.4	1..	36.4	198.	73..	23.3	6.	20..	19..
23	1..	27.7	8..	32.3	9.	35.6	198.	73.7	23.2	6.	2..	19..
24	.	27.1	8..	31.4	9.	36.1	1976	73.1	22.9	6.	2..	19..
25	.	27.1	8..	31..	9.	36.7	1976	72..	22.6	65	18.3	1966
26	1.	27.4	8..	31..	9.	35..	1963	73.3	22.9	6.	19..	19..
27	..	27.2	8..	31..	9.	36.1	1982	72.8	22.7	61	16.1	19..
28	1..	27.2	8..	31..	9.	35.6	198.	73..	22.9	6.	17.2	19..
29	1..	27.6	8..	32.1	9.	36..	1962	73.4	23..	6.	18..	1968
30	1..	27.6	..	32.3	9.	35.6	1983	73.4	23..	6.	17.2	1968
31	2..	..	..	32..	9.	35.6	1983	73.9	23.3	6.	17.2	1965
Monthly	1..	27.6	8..	32.1	1..	37.4	198.	73.6	23.1	6.	16.1	196.

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

4

DAILY AVERAGE/EXTREME TEMPERATURES

STATION | STATION NAME | YEARS | MONTH

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP EXTREME DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP EXTREME DATE
1	[illegible]	27.6	[illegible]	32.2	[illegible]	[illegible]	[illegible]	[illegible]	21.1	[illegible]	13.2	[illegible]
2	1[illegible]	27.4	[illegible]	32.1	[illegible]	[illegible]	1984	77.2	22.3	[illegible]	14.1	[illegible]
3	[illegible]	27.2	[illegible]	31.7	[illegible]	[illegible]	1976	77.[illegible]	23.1	[illegible]	[illegible]	[illegible]
4	[illegible]	[illegible]	[illegible]	30.7	[illegible]	34.4	1983	[illegible]	22.7	[illegible]	13.2	[illegible]
5	[illegible]	26.7	[illegible]	[illegible]	[illegible]	37.6	1976	[illegible]	22.[illegible]	[illegible]	14.7	1974
6	[illegible]	26.[illegible]	[illegible]	30.7	[illegible]	[illegible]	[illegible]	73.7	22.9	[illegible]	[illegible]	[illegible]
7	[illegible]	27.1	[illegible]	30.[illegible]	[illegible]	[illegible]	[illegible]	73.7	22.2	[illegible]	[illegible]	[illegible]
8	[illegible]	27.1	[illegible]	31.1	[illegible]	36.7	1988	72.4	23.[illegible]	[illegible]	15.[illegible]	[illegible]
9	[illegible]	25.[illegible]	[illegible]	31.[illegible]	[illegible]	35.6	1988	73.[illegible]	22.[illegible]	67	19.4	[illegible]
10	[illegible]	26.7	[illegible]	30.[illegible]	103	39.4	1980	72.4	22.4	[illegible]	[illegible]	[illegible]
11	[illegible]	24.4	[illegible]	30.[illegible]	[illegible]	[illegible]	1985	72.1	22.3	[illegible]	15.6	[illegible]
12	[illegible]	25.4	[illegible]	30.7	[illegible]	[illegible]	1986	72.1	22.3	[illegible]	[illegible]	[illegible]
13	[illegible]	24.3	[illegible]	30.7	[illegible]	34.4	1985	71.4	21.[illegible]	[illegible]	[illegible]	[illegible]
14	[illegible]	25.[illegible]	[illegible]	30.4	[illegible]	36.6	1985	70.[illegible]	21.2	[illegible]	14.4	[illegible]
15	[illegible]	25.7	[illegible]	[illegible]	[illegible]	37.[illegible]	1985	[illegible]	21.4	[illegible]	[illegible]	[illegible]
16	[illegible]	[illegible]	[illegible]	29.3	[illegible]	33.[illegible]	1982	[illegible]	21.3	[illegible]	14.[illegible]	[illegible]
17	[illegible]	24.1	7.0	30.4	94	34.4	1982	71.[illegible]	21.7	[illegible]	14.4	[illegible]
18	[illegible]	25.7	[illegible]	30.1	[illegible]	34.4	1977	[illegible]	21.4	[illegible]	[illegible]	[illegible]
19	[illegible]	25.[illegible]	7.2	30.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	21.3	[illegible]	[illegible]	[illegible]
20	[illegible]	6.3	[illegible]	30.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	21.[illegible]	[illegible]	[illegible]	[illegible]
21	[illegible]	[illegible]	[illegible]	30.1	[illegible]	[illegible]	[illegible]	69.6	20.9	[illegible]	14.4	[illegible]
22	[illegible]	24.8	[illegible]	29.3	[illegible]	34.4	[illegible]	67.4	[illegible]	[illegible]	[illegible]	[illegible]
23	[illegible]	24.8	[illegible]	29.[illegible]	[illegible]	[illegible]	[illegible]	67.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
24	[illegible]	24.[illegible]	[illegible]	29.[illegible]	[illegible]	[illegible]	1988	67.8	[illegible]	[illegible]	[illegible]	[illegible]
25	[illegible]	24.[illegible]	[illegible]	29.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
26	[illegible]	[illegible]	[illegible]	29.1	[illegible]	33.[illegible]	1977	69.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
27	[illegible]	24.[illegible]	[illegible]	29.4	[illegible]	33.[illegible]	1977	68.9	[illegible]	[illegible]	11.7	[illegible]
28	[illegible]	24.1	[illegible]	28.[illegible]	[illegible]	35.[illegible]	1977	67.[illegible]	19.4	[illegible]	11.7	[illegible]
29	[illegible]	24.[illegible]	[illegible]	29.[illegible]	[illegible]	33.[illegible]	1977	[illegible]	18.[illegible]	[illegible]	[illegible]	[illegible]
30	[illegible]	23.4	[illegible]	29.[illegible]	[illegible]	33.[illegible]	1977	[illegible]	18.[illegible]	[illegible]	[illegible]	[illegible]
31												
Monthly	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	21.4	[illegible]	[illegible]	[illegible]

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION | STATION NAME | YEARS | MONTH

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP EXTREME DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP EXTREME DATE
1	[illegible]	23.1	3.4	29.4	97	33.	19[illegible]	[illegible]	17.7	[illegible]	[illegible]	[illegible]
2	[illegible]	23.2	3.7	28.7	92	33.3	1977*	63.[illegible]	17.7	[illegible]	12.2	1966
3	[illegible]	22.6	2.4	2[illegible]	90	32.2	1976	62.[illegible]	17.2	[illegible]	1[illegible]	197[illegible]
4	[illegible]	22.8	2.4	2[illegible]	[illegible]	32.2	19[illegible]	62.[illegible]	17.1	[illegible]	[illegible]	19[illegible]
5	[illegible]	22.4	[illegible]	2[illegible]	91	32.	1973	63.2	17.3	[illegible]	10.	1970
6	[illegible]	22.2	[illegible]	26.[illegible]	9[illegible]	32.[illegible]	1973	63.[illegible]	17.[illegible]	[illegible]	9.4	19[illegible]
7	[illegible]	22.4	[illegible]	27.5	92	33.3	1962	63.4	17.4	[illegible]	[illegible]	19[illegible]
8	[illegible]	23.2	[illegible]	2[illegible]	[illegible]	32.[illegible]	1962	64.7	18.2	[illegible]	[illegible]	19[illegible]
9	[illegible]	22.9	[illegible]	2[illegible]	91	32.[illegible]	1962	63.4	17.4	[illegible]	[illegible]	1976
10	[illegible]	22.3	2.1	27.[illegible]	91	32.	1982*	62.[illegible]	16.[illegible]	[illegible]	[illegible]	19[illegible]
11	[illegible]	22.3	[illegible]	2[illegible]	[illegible]	32.2	198[illegible]	[illegible]	16.7	[illegible]	[illegible]	197[illegible]
12	[illegible]	22.2	1.3	27.4	8[illegible]	31.[illegible]	1969	62.6	17.[illegible]	[illegible]	[illegible]	1971
13	[illegible]	22.1	1.3	27.4	8[illegible]	31.[illegible]	1978*	62.1	16.7	[illegible]	[illegible]	1977
14	[illegible]	21.[illegible]	[illegible]	26.6	8[illegible]	31.1	1972*	59.7	15.4	[illegible]	[illegible]	1977
15	[illegible]	21.2	[illegible]	26.7	8[illegible]	31.[illegible]	1972	60.[illegible]	15.7	[illegible]	[illegible]	1975*
16	[illegible]	21.2	[illegible]	26.[illegible]	9[illegible]	32.[illegible]	1972	61.[illegible]	16.1	44	[illegible]	1977
17	[illegible]	[illegible]	[illegible]	25.[illegible]	8[illegible]	31.[illegible]	196[illegible]	60.[illegible]	15.6	[illegible]	[illegible]	19[illegible]
18	[illegible]	20.3	[illegible]	26.3	8[illegible]	31.[illegible]	1972	59.[illegible]	14.4	[illegible]	[illegible]	19[illegible]
19	[illegible]	14.7	77.6	25.3	[illegible]	3[illegible]	1962	57.3	14.1	[illegible]	[illegible]	1967
20	[illegible]	13.7	76.3	24.6	87	30.6	1962	55.3	12.9	[illegible]	[illegible]	19[illegible]
21	[illegible]	13.3	77.[illegible]	25.3	[illegible]	31.1	1979	56.[illegible]	13.4	[illegible]	[illegible]	19[illegible]
22	[illegible]	13.6	77.9	25.[illegible]	8[illegible]	29.4	1972	56.6	13.7	[illegible]	[illegible]	1975
23	[illegible]	13.7	[illegible]	25.6	[illegible]	29.4	1980	56.7	13.7	[illegible]	[illegible]	19[illegible]
24	[illegible]	14.9	[illegible]	24.3	8[illegible]	[illegible]	1979*	56.4	13.6	[illegible]	[illegible]	1979
25	[illegible]	17.[illegible]	[illegible]	23.[illegible]	8[illegible]	28.[illegible]	1978	[illegible]	12.2	[illegible]	[illegible]	1982
26	[illegible]	17.[illegible]	[illegible]	24.1	8[illegible]	3[illegible]	1978	[illegible]	11.6	[illegible]	[illegible]	19[illegible]
27	[illegible]	16.4	[illegible]	24.3	8[illegible]	29.4	1971	54.5	12.[illegible]	[illegible]	[illegible]	19[illegible]
28	[illegible]	19.[illegible]	[illegible]	23.[illegible]	[illegible]	[illegible]	19[illegible]	55.7	13.2	[illegible]	[illegible]	19[illegible]
29	[illegible]	16.7	[illegible]	23.[illegible]	[illegible]	31.1	1979	56.4	13.6	[illegible]	[illegible]	1965
30	[illegible]	19.4	[illegible]	26.3	8[illegible]	29.9	1979	[illegible]	14.2	[illegible]	[illegible]	1977
31	[illegible]	17.1	[illegible]	24.[illegible]	[illegible]	29.4	1972	[illegible]	14.2	[illegible]	[illegible]	19[illegible]
Monthly	[illegible]	[illegible]	[illegible]	[illegible]	9[illegible]	33.[illegible]	19[illegible]	59.6	15.3	[illegible]	[illegible]	19[illegible]

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

4

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible], LA	[illegible]-1981	NOVEMBER

	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]	13.8	75.9	24.4	86	[illegible]	1972	55.7	13.2	[illegible]	[illegible]	19[illegible]
2	[illegible]	18.1	74.8	23.8	[illegible]	31.1	1972	54.1	12.3	[illegible]	1.7	19[illegible]
3	[illegible]	17.3	73.8	23.2	[illegible]	[illegible]	1973	52.[illegible]	11.4	[illegible]	-1.7	19[illegible]
4	[illegible]	17.1	72.[illegible]	22.[illegible]	[illegible]	28.3	1975*	51.[illegible]	10.8	34	1.1	19[illegible]
5	[illegible]	16.6	71.2	21.[illegible]	81	27.[illegible]	1959	52.6	11.4	37	2.8	19[illegible]
6	[illegible]	16.3	71.9	22.[illegible]	83	[illegible]	1979	51.[illegible]	10.6	34	1.1	19[illegible]
7	[illegible]	15.1	71.7	22.1	81	27.[illegible]	1975	51.1	10.1	34	1.1	19[illegible]
8	[illegible]	16.2	71.9	22.[illegible]	81	27.[illegible]	1977*	50.[illegible]	10.[illegible]	34	1.1	19[illegible]
9	[illegible]	17.1	72.5	22.[illegible]	84	[illegible]	1979	52.2	11.2	34	1.1	19[illegible]
10	[illegible]	16.2	71.6	21.[illegible]	82	[illegible]	1966	50.[illegible]	10.4	33	.6	19[illegible]
11	[illegible]	16.6	71.8	22.[illegible]	82	27.8	1958	[illegible].[illegible]	11.1	34	1.1	19[illegible]
12	[illegible]	16.2	71.7	22.1	84	28.9	1982	51.7	10.4	33	.6	19[illegible]
13	[illegible]	15.[illegible]	71.5	21.[illegible]	81	27.2	1969	51.[illegible]	10.[illegible]	[illegible]	-1.7	19[illegible]
14	[illegible]	16.1	[illegible].8	21.[illegible]	81	27.[illegible]	1963*	51.1	10.6	33	.6	19[illegible]
15	[illegible]	15.6	[illegible].[illegible]	21.[illegible]	83	28.3	1959	[illegible].[illegible]	10.2	[illegible]	-1.7	19[illegible]
16	[illegible]	16.3	71.9	22.1	83	28.3	1979	51.[illegible]	10.4	34	1.1	19[illegible]
17	[illegible].1	16.7	[illegible].1	22.3	83	28.3	1977	52.1	11.2	[illegible]	-1.1	19[illegible]
18	[illegible]	16.6	71.6	22.[illegible]	83	[illegible].3	1959	52.3	11.3	[illegible]	[illegible]	19[illegible]
19	[illegible]	16.3	[illegible].3	21.[illegible]	80	26.7	1982*	52.3	11.3	34	1.1	19[illegible]
20	[illegible]	[illegible].[illegible]	[illegible].[illegible]	20.[illegible]	81	27.[illegible]	1973*	[illegible].7	[illegible].3	[illegible]	[illegible]	19[illegible]
21	[illegible]	[illegible].4	[illegible].2	21.[illegible]	83	28.3	1932	[illegible]	[illegible].6	[illegible]	.6	19[illegible]
22	[illegible]	[illegible].6	[illegible].0	21.1	81	[illegible]	1967	49.9	[illegible].[illegible]	34	1.1	19[illegible]
23	[illegible]	[illegible].7	[illegible].2	20.[illegible]	83	27.[illegible]	1982	[illegible]	[illegible].[illegible]	[illegible]	-1.1	19[illegible]
24	[illegible]	14.6	67.8	19.[illegible]	81	[illegible]	1973*	[illegible].6	[illegible].2	[illegible]	-3.[illegible]	19[illegible]
25	[illegible]	14.2	[illegible].3	20.[illegible]	84	[illegible]	1973	[illegible]	[illegible].8	[illegible]	-[illegible].3	19[illegible]
26	[illegible]	16.4	72.2	22.3	82	27.8	1973*	[illegible]	[illegible].6	[illegible]	[illegible]	19[illegible]
27	[illegible]	16.5	[illegible].[illegible]	22.1	82	27.8	1973	51.9	11.0	31	-.6	19[illegible]
28	[illegible]	14.2	[illegible]	19.4	[illegible]	[illegible]	19[illegible]	[illegible]	[illegible].9	[illegible]	1.[illegible]	19[illegible]
29	[illegible]	12.2	[illegible]	17.2	79	26.1	1951	[illegible]	[illegible].2	[illegible]	-1.1	19[illegible]
30	[illegible]	12.3	[illegible]	18.3	[illegible]	[illegible]	1967	[illegible]	[illegible].2	[illegible]	-2.2	19[illegible]
31												
Monthly	[illegible].[illegible]	15.[illegible]	[illegible].[illegible]	21.[illegible]	86	31.1	1972	[illegible].5	13.[illegible]	[illegible]	-3.3	19[illegible]

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
1 [illegible]	[illegible]	19[illegible]-19[illegible]	[illegible] DEC 80

	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]	12.[illegible]	[illegible]	18.[illegible]	[illegible]	27.9	1972	42.9	5.7	[illegible]	-7.3	19[illegible]
2	[illegible]	13.[illegible]	67.8	19.9	82	27.8	1982	46.2	7.9	[illegible]	-1.1	19[illegible]
3	[illegible]	14.4	69.3	20.2	82	27.8	1978	47.4	8.6	27	-2.8	1978
4	56.[illegible]	13.[illegible]	67.8	19.9	7[illegible]	25.6	1977*	45.[illegible]	7.7	2[illegible]	-3.2	1974
5	[illegible]	14.2	69.5	20.8	82	27.9	1977	46.5	8.1	[illegible]	-1.7	1978
6	[illegible]	14.6	68.5	20.3	81	27.2	1961	48.1	8.9	27	2.6	1962
7	5[illegible]	13.1	64.3	17.9	80	26.7	1973	46.7	8.2	21	-.6	1977
8	[illegible]	12.[illegible]	65.5	18.6	81	27.2	1978	45.[illegible]	7.9	2[illegible]	-2.2	1973
9	55.[illegible]	13.2	65.[illegible]	18.[illegible]	81	27.2	1972	46.8	8.1	24	-4.4	1973
10	[illegible].1	12.[illegible]	64.[illegible]	17.8	7[illegible]	26.1	1972	46.2	7.9	2[illegible]	-2.2	1979
11	[illegible].6	13.7	66.3	19.1	7[illegible]	24.1	1983*	46.[illegible]	8.3	24	-4.4	1973
12	4[illegible].4	12.4	63.[illegible]	17.[illegible]	83	28.[illegible]	1971	45.[illegible]	7.[illegible]	2[illegible]	-5.[illegible]	1982
13	[illegible].[illegible]	12.[illegible]	62.[illegible]	16.[illegible]	8[illegible]	28.[illegible]	1971	44.[illegible]	7.1	1[illegible]	-[illegible].4	1982
14	[illegible].[illegible]	11.[illegible]	61.1	16.2	8[illegible]	29.[illegible]	1971	45.3	7.4	2[illegible]	-7.[illegible]	1982
15	4[illegible].4	12.4	63.[illegible]	17.3	82	27.8	1971	45.6	7.6	2[illegible]	-2.[illegible]	195[illegible]
16	4[illegible].[illegible]	11.3	63.[illegible]	17.[illegible]	8[illegible]	29.4	1971	45.[illegible]	7.2	26	-[illegible].[illegible]	1962
17	[illegible]	11.1	[illegible].1	17.3	80	26.7	1971	4[illegible].[illegible]	4.9	2[illegible]	-3.[illegible]	198[illegible]
18	[illegible].1	10.6	62.6	17.0	77	25.[illegible]	1967	39.7	4.3	2[illegible]	-2.[illegible]	1979
19	4[illegible].[illegible]	12.[illegible]	[illegible].2	16.4	[illegible]1	27.2	1967	44.1	6.7	23	-5.[illegible]	1981
20	5[illegible].1	12.[illegible]	64.1	17.8	8[illegible]	27.[illegible]	1978	45.1	7.3	2[illegible]	-3.[illegible]	1981
21	[illegible]	12.1	63.6	17.[illegible]	81	27.2	1971	44.[illegible]	6.7	2[illegible]	-3.3	1973
22	[illegible]	11.[illegible]	[illegible].3	17.4	81	27.2	197[illegible]	42.[illegible]	[illegible].[illegible]	27	-5.6	1973
23	4[illegible].5	12.[illegible]	[illegible].[illegible]	17.3	[illegible]	26.7	197[illegible]	46.[illegible]	7.7	2[illegible]	-3.3	1983
24	[illegible]	11.7	[illegible].9	16.6	8[illegible]	26.7	1964	44.1	6.7	1[illegible]	-7.8	1983
25	[illegible]	11.2	[illegible].6	16.4	8[illegible]	27.8	1964	42.[illegible]	5.[illegible]	1[illegible]	-8.9	1983
26	[illegible].1	10.6	[illegible].2	16.2	7[illegible]	26.1	1964	41.[illegible]	5.[illegible]	1[illegible]	-7.7	1983
27	4[illegible]	12.2	[illegible].7	19.2	7[illegible]	27.1	1983*	43.3	6.3	26	-3.3	1977
28	[illegible].[illegible]	12.1	[illegible].3	17.[illegible]	8[illegible]	27.8	1971	43.[illegible]	6.6	26	-3.3	198[illegible]
29	[illegible]5.	13.2	[illegible].5	18.1	[illegible]0	26.7	1974*	47.1	8.4	2[illegible]	-2.2	1983
30	[illegible]4.	13.[illegible]	[illegible].[illegible]	17.2	[illegible]2	[illegible].[illegible]	1971	46.5	8.1	21	-6.1	1983
31	4[illegible].[illegible]	12.[illegible]	[illegible].1	17.3	8[illegible]	[illegible].[illegible]	1971	45.[illegible]	7.[illegible]	1[illegible]	-6.7	1983
Monthly	4[illegible].[illegible]	12.[illegible]	[illegible].3	17.[illegible]	[illegible]3	[illegible].4	1971	44.[illegible]	7.[illegible]	1[illegible]	-9.4	1982

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

[illegible] TEMPERATURE
(FROM DAILY OBSERVATIONS)

1	[illegible]	[illegible]
STATION	STATION NAME	YEARS

[illegible] DEGREES FAHRENHEIT

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ALL MONTHS
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	77	86	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	93	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	84	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	76	77	[illegible]	86	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	88	[illegible]	77	[illegible]
[illegible]	73	[illegible]	79	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	82	77	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	77	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	77	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	94	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	77	[illegible]	87	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	87	[illegible]	[illegible]	[illegible]	[illegible]	74	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	89	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	87	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
7	74	[illegible]	[illegible]	[illegible]	7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	7	87	85	[illegible]	97	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	73	[illegible]	91	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	93	[illegible]	[illegible]	[illegible]	[illegible]
	77	[illegible]	[illegible]	[illegible]	92	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1	74	[illegible]	[illegible]	[illegible]	[illegible]	99	[illegible]	[illegible]	[illegible]	[illegible]	91	77	[illegible]
[illegible]	81	[illegible]	[illegible]	83	93	[illegible]	[illegible]	[illegible]	97	91	[illegible]	[illegible]	[illegible]
MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	82.4	77.2	[illegible]
S D	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3.136	[illegible]	2.740	[illegible]	[illegible]	[illegible]
TOTAL OBS.	[illegible]	[illegible]	775	[illegible]	775	[illegible]	775	775	720	775	750	775	[illegible]

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____

IN DEGREES FAHRENHEIT
(STATION IF LESS THAN FULL MONTH)

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

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

[illegible]
(FROM DAILY OBSERVATIONS)

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

[illegible] DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ALL MONTHS
[illegible]	[illegible]	[illegible]	[illegible]	47	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	71	[illegible]	67	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	74	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	57	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	34		[illegible]	[illegible]	[illegible]	73	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	47	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	41	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	45	[illegible]	[illegible]	67	[illegible]		[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	41	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	43	55	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	72	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	33	[illegible]	[illegible]	[illegible]	67	[illegible]	57	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	41	[illegible]	[illegible]	[illegible]	67	[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]	41	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	41	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	42	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	62	57	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	64	7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
7	21	[illegible]	[illegible]	[illegible]	[illegible]	63	[illegible]	[illegible]	[illegible]	[illegible]	34	[illegible]	[illegible]
[illegible]	[illegible]	24	[illegible]	47	[illegible]	64	71	[illegible]	[illegible]	43	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	38	[illegible]	[illegible]	61	[illegible]	[illegible]	[illegible]	43	[illegible]	[illegible]	2
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	63	72	[illegible]	67	41	[illegible]	26	[illegible]
1	[illegible]	[illegible]	[illegible]	45	[illegible]	[illegible]	[illegible]	[illegible]	54	47	[illegible]	[illegible]	[illegible]
	[illegible]	33	[illegible]	42	55	65	67	[illegible]	[illegible]	41	[illegible]	[illegible]	[illegible]
MEAN	[illegible]	[illegible]	[illegible]	[illegible]	53.7	[illegible]	[illegible]	[illegible]	59.6	[illegible]	33.4	[illegible]	22.4
S.D.	[illegible]	[illegible]	[illegible]	[illegible]	4.139	4.198	2.771	[illegible]	[illegible]	3.951	[illegible]	[illegible]	[illegible]
TOTAL OBS.	[illegible]	[illegible]	[illegible]	[illegible]	775	[illegible]	775	775	[illegible]	775	[illegible]	775	[illegible]

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

[illegible] TEMPERATURE
(FROM DAILY OBSERVATIONS)

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

[illegible] DEGREES FAHRENHEIT
[illegible] IN LESS THAN FULL MONTH[illegible]

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

SMOS

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS (L.S.T.)

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

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

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS L.S.T.

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

Element X	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≤67 F	≥7	80 F	≥93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS (L.S.T.)

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

WET BULB TEMPERATURE DEPRESSION (F)

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

Mean No. of Hours with Temperature

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

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

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

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS (L.S.T.)

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

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

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS - S T

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

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

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS L S T

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

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

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

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

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

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH

HOURS (L.S.T.)

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

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

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

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

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

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS [illegible]

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

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

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS (S.T.)

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

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

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS (LST)

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

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

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS (L.S.T.)

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

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

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS (LST)

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

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												

TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS _____

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

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

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

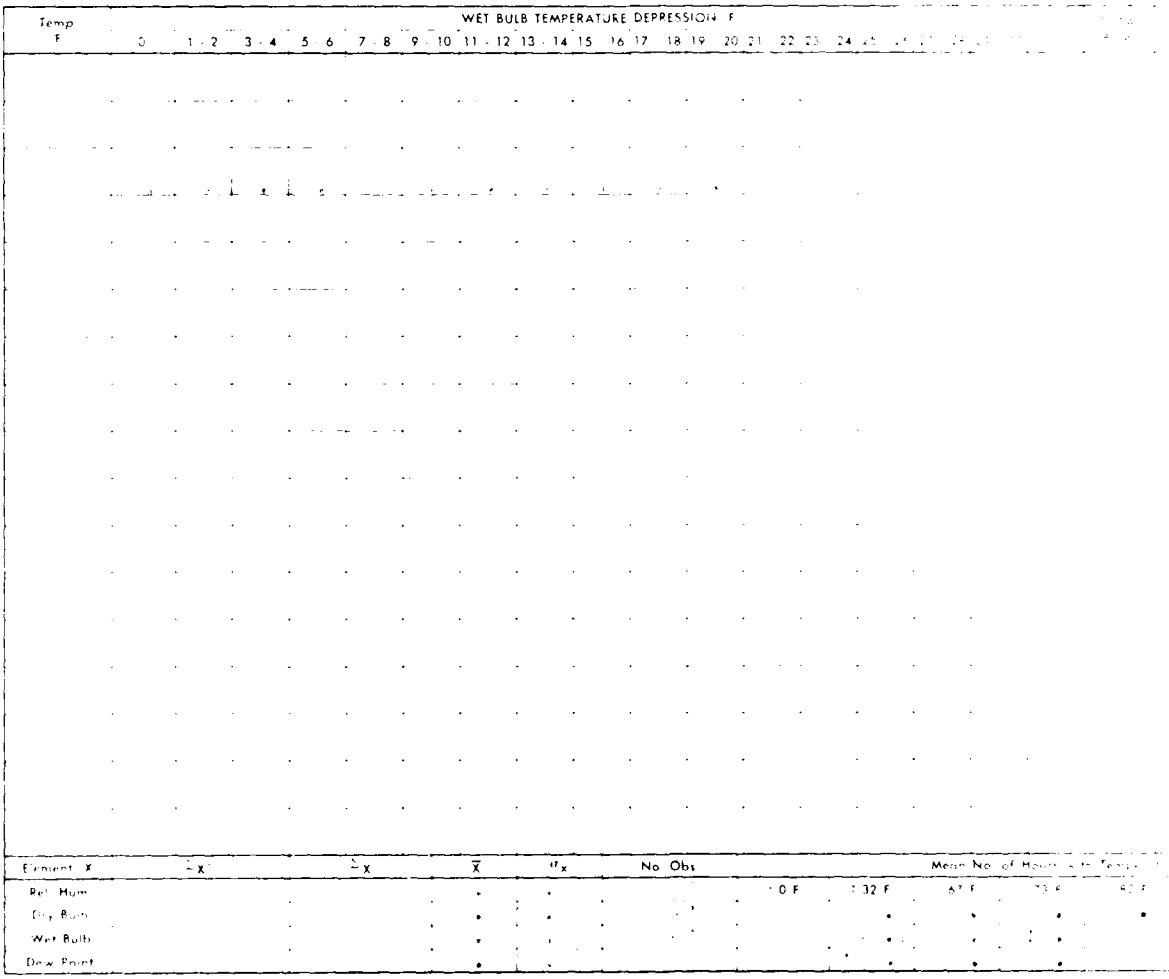
Temp. °F	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL [illegible]

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

NAVWEASER[illegible]OM

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS



Element X	$\bar{X}$	$\tilde{X}$	$\bar{X}$	σ_x	No Obs	Mean No. of Hours at Temp
Rel Hum						0 F / 32 F / 67 F / 73 F / 82 F
Dry Bulb						
Wet Bulb						
Dew Point						

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS (LST)

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

Element X	$\tilde{x}'$	$\tilde{x}$	$\bar{x}$	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

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

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

NAVWEASERVCOM

MEANS AND STANDARD DEVIATIONS

[illegible] TEMPERATURES DEG F EACH HOUR [illegible] OBSERVATIONS

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

HRS. L.S.T.		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ANNUAL
	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	75.1	77.[illegible]	76.4	74.1	[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]	71.2	[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]
	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] TEMPERATURE (°F) DATA FROM HOURLY OBSERVATIONS

STATION STATION NAME YEARS

HRS (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ANNUAL
	MEAN	[illegible]	47.[illegible]	56.[illegible]	61.[illegible]	67.1	72.3	76.3	73.9	71.6	6[illegible].9	54.5	46.[illegible]	61.[illegible]
	S. D.	[illegible].[illegible]	1.[illegible]	17.1[illegible]	7.94[illegible]	5.6[illegible]	3.[illegible]	2.[illegible]	2.[illegible]	5.464	[illegible].7	11.1[illegible]	17.3[illegible]	13.[illegible]
	TOTAL OBS	[illegible]	[illegible]	3	3[illegible]	310	300	30[illegible]	31[illegible]	2[illegible]	31[illegible]	[illegible]	3[illegible]	3[illegible]
	MEAN	[illegible]	44.[illegible]	[illegible].3	56.[illegible]	[illegible]	71.4	[illegible].7	77.1	70.[illegible]	59.7	[illegible].7	47.[illegible]	[illegible]
	S. D.	[illegible].1	11[illegible].[illegible]	[illegible].775	[illegible].[illegible]	6.01[illegible]	4.[illegible]	[illegible].48[illegible]	2.74	5.66[illegible]	[illegible].945	11.4[illegible]	12.5[illegible]	13.[illegible]
	TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]	[illegible]	[illegible]	3[illegible]	[illegible]
	MEAN	[illegible]	47.[illegible]	[illegible]	59.1	[illegible]	72.[illegible]	76.[illegible]	77.1	[illegible]	59.[illegible]	[illegible].1	46.[illegible]	[illegible]
	S. D.	[illegible].31	11.[illegible]6	13.[illegible]	[illegible].77[illegible]	[illegible].0[illegible]	4.157	[illegible].3[illegible]	2.[illegible]	[illegible].9[illegible]	[illegible].2 2	11.[illegible]74	13.71[illegible]	14.[illegible]
	TOTAL OBS	[illegible]	[illegible]2	31[illegible]	[illegible]	31[illegible]	[illegible]	5	[illegible]	[illegible]	[illegible]	[illegible]	1	[illegible]
	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	71.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	51.[illegible]	6[illegible]
	S. D.	[illegible]	11.[illegible]1	[illegible].1[illegible]	[illegible].31[illegible]	[illegible].91[illegible]	[illegible].773	[illegible].704	2.741	[illegible].411	[illegible].719[illegible]	[illegible].143[illegible]	[illegible].[illegible]1	13.[illegible]
	TOTAL OBS	[illegible]	[illegible]	31	[illegible]	310	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	31	[illegible]
	MEAN	1[illegible]	[illegible].4	61.[illegible]	[illegible].[illegible]	71.[illegible]	[illegible].[illegible]	[illegible].7	[illegible].[illegible]	[illegible].3	[illegible]	[illegible].[illegible]	54.[illegible]	[illegible]
	S. D.	[illegible].[illegible]	[illegible].771	[illegible].[illegible]	[illegible].714	[illegible].73[illegible]	[illegible].718	[illegible].[illegible]31	[illegible].[illegible]63	[illegible].77[illegible]	[illegible].070	[illegible].[illegible]31	[illegible].777	13.[illegible]
	TOTAL OBS	[illegible]	[illegible]	31	[illegible]	[illegible]	[illegible]	[illegible]	311	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	MEAN	1[illegible]	53.[illegible]	[illegible].4	[illegible].[illegible]	71.[illegible]	[illegible].[illegible]	77.4	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].7	54.[illegible]	[illegible]
	S. D.	[illegible].[illegible]2	10.[illegible]3	[illegible].[illegible]	[illegible].[illegible]1	[illegible].[illegible]7	[illegible].758	[illegible].775	[illegible].157	[illegible].[illegible]3	[illegible].[illegible]24	[illegible].[illegible]74	[illegible].[illegible]	11.[illegible]
	TOTAL OBS	[illegible]	[illegible]	31[illegible]	[illegible]	310	[illegible]	310	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	MEAN	[illegible].[illegible]	[illegible].6	[illegible].[illegible]	[illegible].1	[illegible].[illegible]	74.6	[illegible].7	[illegible].3	[illegible].[illegible]	64.3	57.8	[illegible].[illegible]	[illegible].[illegible]
	S. D.	[illegible].[illegible]	[illegible].15	[illegible].[illegible]13	[illegible].[illegible]	[illegible].[illegible]5[illegible]	[illegible].[illegible]54	[illegible].[illegible]362	[illegible].[illegible]15	[illegible].[illegible]5[illegible]	7.415	[illegible].[illegible]31	[illegible].[illegible]24	12.[illegible]7
	TOTAL OBS	[illegible]	[illegible]	31	[illegible]	[illegible]	[illegible]	[illegible]	310	[illegible]	310	[illegible]	[illegible]	[illegible]
	MEAN	[illegible]	49.[illegible]	57.9	62.1	[illegible].[illegible]	73.1	[illegible].[illegible]	74.7	72.3	[illegible].2	59.7	49.[illegible]	62.[illegible]
	S. D.	1[illegible].1[illegible]	1[illegible].573	[illegible].333	7.196	4.94[illegible]	3.546	[illegible].23[illegible]	2.422	[illegible].156	[illegible].270	[illegible].[illegible]7[illegible]	11.4[illegible]4	12.[illegible]4
	TOTAL OBS	[illegible]	[illegible]2	31	[illegible]	31[illegible]	[illegible]	[illegible]	31[illegible]	[illegible]	310	[illegible]	[illegible]	[illegible]
ALL HOURS	MEAN	[illegible].[illegible]	49.[illegible]	[illegible].[illegible]	62.[illegible]	[illegible].[illegible]	74.[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	63.2	[illegible].[illegible]	[illegible].7	[illegible].[illegible]
	S. D.	[illegible].[illegible]2	11.[illegible]41	[illegible].[illegible]847	7.8[illegible]1	[illegible].[illegible]57[illegible]	[illegible].[illegible]209	[illegible].[illegible]031	3.[illegible]47	[illegible].[illegible]52[illegible]	[illegible].58	[illegible].[illegible]5[illegible]	11.[illegible]18	13.[illegible]
	TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

4

MEANS AND STANDARD DEVIATIONS

OF HOURLY TEMPERATURES (°F) FROM HOURLY OBSERVATIONS

STATION _____ STATION NAME _____ YEARS _____

HRS L.S.T.		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ANNUAL
	MEAN	[illegible]	44.[illegible]	[illegible]	[illegible]	[illegible]	72.9	77.1	72.6	70.3	59.1	[illegible]	45.[illegible]	[illegible]
	S. D.	[illegible]	12.927	11.527	[illegible]	[illegible]	4.604	3.702	3.011	[illegible]	9.572	12.44[illegible]	[illegible]	[illegible]
	TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	MEAN	[illegible]	44.[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]
	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]	71.0	[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]

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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

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

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NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE NORTH CAROLINA

RELATIVE HUMIDITY

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

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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												

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NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

STATION _____ STATION NAME _____ YEAR _____ 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												

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NAVAL WEATHER SERVICE DETACHMENT
[illegible] NORTH CAROLINA

RELATIVE HUMIDITY

STATION STATION NAME PERIOD MINUTES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

OCEANAV–SMOS

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4

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE NORTH CAROLINA

RELATIVE HUMIDITY

STATION STATION NAME PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS L S T	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN
		10%	20%	30%	40%	50%	60%	70%	80%	90%	
TOTALS											

OCEANAV–SMOS

NAVAL WEATHER SERVICE DETACHMENT
4 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

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

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PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

[illegible] 1973-[illegible] 1982 JANUARY

STATION YEAR MONTH

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
					2.6	21.1	21.1			1	
		1.7	1.3	10.3	57.7	19.2			1.7	7	3.6
		2.7		17.4	48.8	18.0	.3	1.4	1.4	2	9.3
		5.3	.4	27.2	28.9	9.-	6.	3.4	1 .3	2	11.9
	10.	4.	20.6	27.2	14.4	6.8	4.9	5.3	1 .3	2	11.6
	13.1	13.	25.3	10.7	5.7	4.3	7.5	7.1	.5	2	12.6
	.8	14.4	.3	5.	2.5	3.8	3.4	6.1	12.7	2	10.6
	3.2	15.5	13.6	4.9	1.9	1.1	1.9	11.7	16.2	2	11.
	7.9	23.7	14.0	2.6	1.	2.6	1.9	8.4	17.9		13.9
	.5	4.3	6.4		1.1	1.	2.2	11.0	28.7	1	5.1
	.8	23.3	2.2		1.1	.3	2.2	11.1	2 .9		6.
		2.3							41.	1	1.4
	.6								.3		.2
	.3										
TOTALS	19.2	13.2	12.5	10.	19.1	5.8	4.4	6.8	13.7	2229	100.0

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PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

[redacted] LESN[illegible], LA JANUA[illegible] 1973-DECEMBER 1982 FEBRUARY

STATION STATION NAME YEARS MONTH

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].0			[illegible].0	[illegible]	.1
77 TO 81			3.[illegible]	3.6	33.3	32.1	14.3	7.1		[illegible]	1.2
72 TO 76	[illegible].[illegible]	.7	4.7	10.0	[illegible].0	24.[illegible]	13.3	4.[illegible]	1.3	15[illegible]	6.7
67 TO 71	[illegible].[illegible]	1.[illegible]	[illegible].6	17.2	33.3	18.[illegible]	8.6	2.7	5.0	722	5.8
62 TO 66	[illegible].5	3.1	[illegible].5	22.[illegible]	16.2	16.1	9.9	[illegible].5	8.6	233	15.6
57 TO 61	17.0	6.7	11.4	15.4	12.4	1[illegible].7	9.4	8.4	12.7	299	17.3
52 TO 56	13.5	6.9	17.9	9.9	7.1	6.[illegible]	6.8	7.4	16.4	324	14.4
47 TO 51	[illegible].[illegible]	17.6	14.9	[illegible].7	.7	4.1	6.1	14.[illegible]	16.6	23[illegible]	13.1
42 TO 46	[illegible].6	17.[illegible]	12.0	.7	1.4	2.5	4.2	11.[illegible]	23.0	28[illegible]	12.5
37 TO 41	[illegible].[illegible]	[illegible].7	5.5	1.[illegible]	.5	1.[illegible]	1.[illegible]	[illegible].5	[illegible].1	17[illegible]	[illegible].8
32 TO 36	1[illegible].3	[illegible].3	[illegible].5		5.0	.[illegible]	5.[illegible]	[illegible].3	31.[illegible]	12[illegible]	[illegible].3
27 TO 31	1.1	[illegible].[illegible]						[illegible].[illegible]	34.2	[illegible]	1.7
22 TO 26	[illegible].3								[illegible].[illegible]	[illegible]	.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	[illegible].[illegible]	12.3	[illegible].6	[illegible].[illegible]	11.9	[illegible].2	[illegible].1	8.1	14.9	22[illegible]5	100.0

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PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

STATION _____ STATION NAME _____ YEARS 1973-80 CEASE 1980 MONTH _____

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					4 .2	2 .1	22.6	3.2		1	1.2
77 TO 81	1.1	.7	4.9	6.3	54.2	19.4	9.3	1.4	2.1	144	5.9
72 TO 76	1.	2.5	3.3	13.6	44.6	21.4	7.1	2.5	3.3	3 7	16.
67 TO 71	5.1	1.1	6. 1	27.7	26.5	11.0	9.0	3.2	6.7	48 5	1 .9
62 TO 66	11.	6.	17.9	2 .4	1 .1	5.2	6.	7.3	6.2	1 1	19.4
57 TO 61	1 .0	15.5	1 .0	13.1	3.4	2.8	2.6	7.4	1 .2	352	14.2
52 TO 56	25.	17.3	11.0	3.5	5.1	3.5	4.3	9.0	2 .4	255	1 .3
47 TO 51	27.4	20.4	7.2	1.6	.6	1.2	2.4	7.2	11.1	167	6.7
42 TO 46	1 .5	16.1	2.5	.3	.6	1.7	2.5	16.1	39.9	118	4.
37 TO 41	1 .0	6.0	2.0			2.	2.0	12.	5 .0		2.
32 TO 36	76.4	7.3	9.1						7 .3	11	.4
27 TO 31	6.7	16.7						1 .7		1	.1
22 TO 26		0.0									.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 +											
TOTALS	11.0	8.1	1 .5	14.4	20.6	9.0	5.9	6.1	13.2	2879	100.0

NAVWEASERVCOM

4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

[illegible] LEANS, LA | JANUARY 1973-DECEMBER 1982 | APRIL

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

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91					[illegible].0	25.	25.0		[illegible].7	4	.2
82 TO 86	[illegible].1	2.	.2	11.2	39.8	11.2	15.3	5.1	1.0	[illegible]8	4.1
77 TO 81	[illegible].	2.2	1.[illegible]	22.1	42.5	7.2	6.6	4.1	1.4	[illegible]67	15.1
72 TO 76	[illegible].5	4.	11.[illegible]	2[illegible].5	32.1	8.3	5.8	4.2	2.7	601	25.[illegible]
67 TO 71	[illegible].3	4.[illegible]	15.2	[illegible]9.4	14.7	4.5	5.6	4.1	12.3	467	19.3
62 TO 66	[illegible].6	14.2	1[illegible].0	9.3	5.2	3.8	4.6	8.4	[illegible]5.9	367	15.3
57 TO 61	13.[illegible]	16.1	5.[illegible]	2.2	3.5	3.[illegible]	7.4	6.5	41.3	233	9.6
52 TO 56	17.[illegible]	15.1		1.[illegible]	2.6	4.6	7.2	2.6	[illegible]3.9	157	[illegible].[illegible]
47 TO 51	[illegible].[illegible]	11.3					[illegible].1	1.	77.3	97	4.[illegible]
42 TO 46	[illegible].[illegible]	12.[illegible]					[illegible].3	8.3	[illegible]2.5	24	1.[illegible]
37 TO 41									100.0	3	.1
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59.8 LWR											
TOTALS	7.[illegible]	7.6	10.9	17.8	[illegible]0.3	5.[illegible]	6.3	[illegible].9	18.5	2[illegible]0	100.0

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4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

1 (STATION) ... C LEANS, LA (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) MAY (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	[illegible]	[illegible]	[illegible]	[illegible]	16.7		25.0		[illegible]	12	.5
87 TO 91	3.7	4.5	13.4	14.[illegible]	35.1	12.7	1[illegible].2	2.2	2.2	134	5.4
82 TO 86	[illegible].5	2.[illegible]	1[illegible].9	1[illegible].[illegible]	33.1	13.[illegible]	7.6	4.7	4.7	[illegible]84	15.5
77 TO 81	4.[illegible]	3.9	12.1	24.4	25.4	10.0	[illegible].7	4.1	7.7	562	22.7
72 TO 76	4.7	5.2	11.5	[illegible]6.3	16.6	8.4	[illegible].9	3.3	13.2	59[illegible]	24.1
67 TO 71	[illegible].3	[illegible].7	4.7	11.[illegible]	7.8	6.3	5.5	5.3	40.6	47[illegible]	19.1
62 TO 66	17.2	5.4	2.9	2.[illegible]	2.9	2.9	6.6	[illegible].4	58.5	2[illegible]	[illegible].[illegible]
57 TO 61	[illegible].4	5.[illegible]		1.2	1.2	5.[illegible]	4.7	7.1	64.7	[illegible]	[illegible].4
52 TO 56							[illegible].2		95.8	24	1.[illegible]
47 TO 51									100.0	[illegible]	.1
42 TO 46											
[illegible]7 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
[illegible]7 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-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	8.5	5.1	[illegible].2	17.[illegible]	18.6	8.6	6.9	[illegible].3	22.9	248[illegible]	100.0

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PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

[illegible] STATION | [illegible] LEING, LA STATION NAME | JANUARY 1973-DECEMBER 1982 YEARS | JUNE MONTH | [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					1[illegible].0						•
92 TO 96	[illegible].[illegible]	5.9	12.6	1[illegible].1	14.3	17.5	23.5	4.2	5.9	119	5.[illegible]
87 TO 91	[illegible].0	4.[illegible]	9.2	12.[illegible]	25.1	16.[illegible]	16.9	5.1	3.2	467	19.[illegible]
82 TO 86	[illegible].3	5.[illegible]	12.6	14.1	26.7	12.2	12.[illegible]	4.2	4.6	476	19.[illegible]
77 TO 81	2.4	3.[illegible]	6.2	17.4	[illegible]1.0	11.3	[illegible].6	1.3	2[illegible].0	547	22.[illegible]
72 TO 76	[illegible].[illegible]	4.[illegible]	[illegible].1	[illegible].[illegible]	6.1	7.7	4.9	2.6	6[illegible].[illegible]	610	25.4
67 TO 71	7.4	7.4	1.4	2.7	1.4	6.1	[illegible].4	2.[illegible]	[illegible]6.2	1[illegible]	[illegible].[illegible]
62 TO 66	[illegible].[illegible]	12.[illegible]					[illegible].5		[illegible]4.2	31	1.3
57 TO 61									100.0	[illegible]	•[illegible]
52 TO 56											
47 TO 51											
42 TO 46											
[illegible] TO 41											
32 TO 36											
27 TO [illegible]											
22 TO 26											
[illegible] TO [illegible]											
[illegible] TO 16											
[illegible] TO 11											
12 TO 6											
[illegible] TO [illegible]											
-[illegible] TO -4											
-[illegible]3 TO -9											
-[illegible]8 TO -14											
-[illegible]3 TO -19											
-[illegible]8 TO -24											
-[illegible]3 TO -29											
-[illegible]8 TO -34											
-[illegible]3 TO -39											
-[illegible]8 TO -44											
-[illegible] TO -49											
-[illegible] TO -54											
-59 & LWR											
TOTALS	[illegible].[illegible]	5.3	[illegible].[illegible]	1[illegible].[illegible]	1[illegible].3	11.5	10.6	3.1	2[illegible].3	2[illegible]	10[illegible].0

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PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

[illegible] LEE[illegible], LA [illegible] JANUARY 1973-DECEMBER 1982 JULY

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	5.0	[illegible]	5.[illegible]	[illegible]		5.[illegible]	45.[illegible]	10.[illegible]	5.[illegible]	[illegible]	.[illegible]
92 TO 96	1[illegible].1	6.5	12.5	9.1	9.1	8.[illegible]	25.9	8.2	[illegible].6	232	9.4
87 TO 91	.[illegible]	5.[illegible]	9.8	11.[illegible]	14.6	13.5	15.8	13.7	5.7	434	17.7
82 TO 86	4.[illegible]	6.	7.9	11.0	1[illegible].7	16.[illegible]	14.6	7.9	15.0	410	16.9
77 TO 81	[illegible].4	3.4	4.3	7.[illegible]	11.4	11.5	11.6	3.2	43.	739	29.8
72 TO 76	1.	4.7	2.[illegible]	2.[illegible]	3.3	6.5	5.7	2.4	71.1	617	24.7
67 TO 71						[illegible].[illegible]			[illegible]4.[illegible]	17	.[illegible]
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-63 & [illegible]											
TOTALS	5.6	3.[illegible]	[illegible].3	7.7	10.4	11.0	13.2	6.2	35.5	2[illegible]8	100.0

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PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

1 [illegible] [illegible] L[illegible], L — JANUARY 1973-DECEMBER 1982 — AUGUST

STATION — STATION NAME — YEARS — MONTH — HOUR (LOCAL)

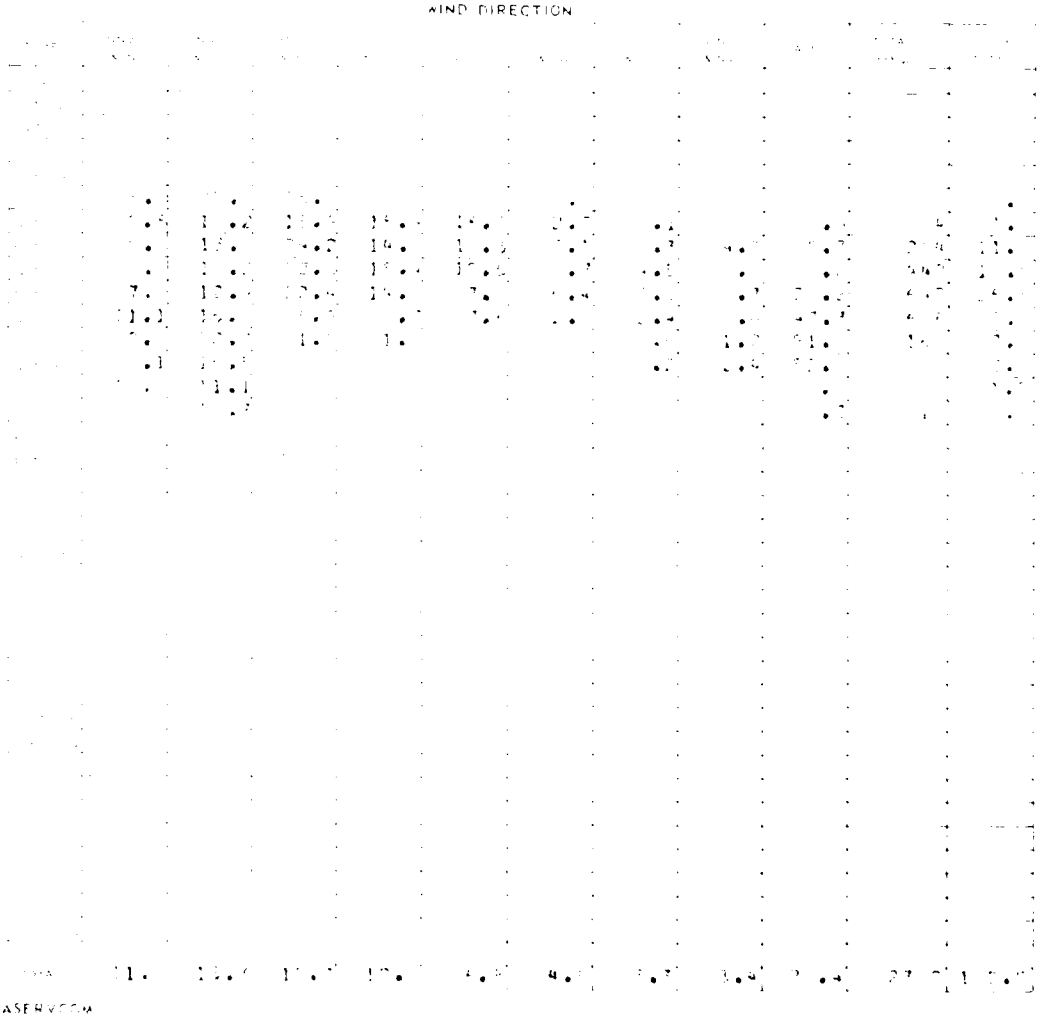
WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101	16.7	16.7					16.7	33.3	16.7	6	0.[illegible]
92 TO 96	11.[illegible]	10.0	16.5	1[illegible].0	13.5	8.8	13.5	5.9	1[illegible].0	1[illegible]	6.[illegible]
87 TO 91	[illegible].1	8.[illegible]	22.5	18.9	14.5	6.6	7.8	5.7	7.8	422	17.[illegible]
82 TO 86	[illegible].2	10.4	2[illegible].6	17.3	11.8	8.8	9.0	5.1	10.9	433	17.[illegible]
77 TO 81	[illegible].4	4.5	1[illegible].8	10.9	[illegible].8	6.9	6.3	2[illegible].[illegible]	46.0	669	27.[illegible]
72 TO 76	1.[illegible]	4.[illegible]	2.2	[illegible].4	3.7	3.[illegible]	2.8	1.1	77.[illegible]	725	29.[illegible]
67 TO 71	[illegible].3	3.5				[illegible].[illegible]	1.8		[illegible]2.[illegible]	57	2.[illegible]
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
43 TO -39											
[illegible]											
[illegible]											
-58 TO -54											
-63 & LWR											
TOTALS	[illegible].[illegible]	6.7	12.1	1[illegible].[illegible]	8.9	[illegible].2	6.4	[illegible].3	[illegible]0.7	2[illegible]82	100.0

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PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

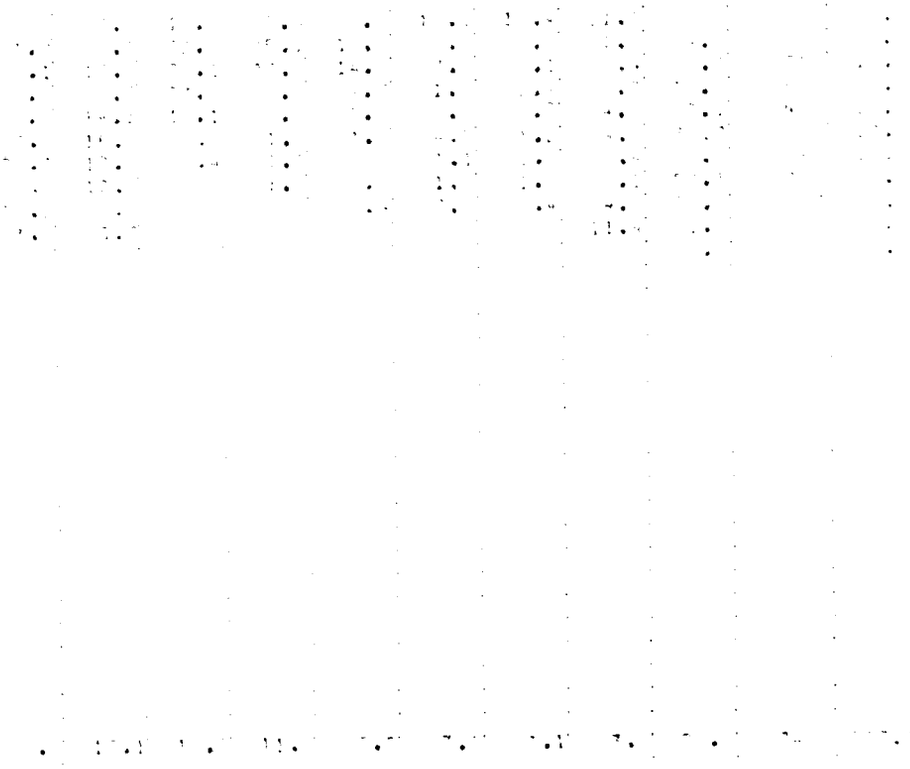


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PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

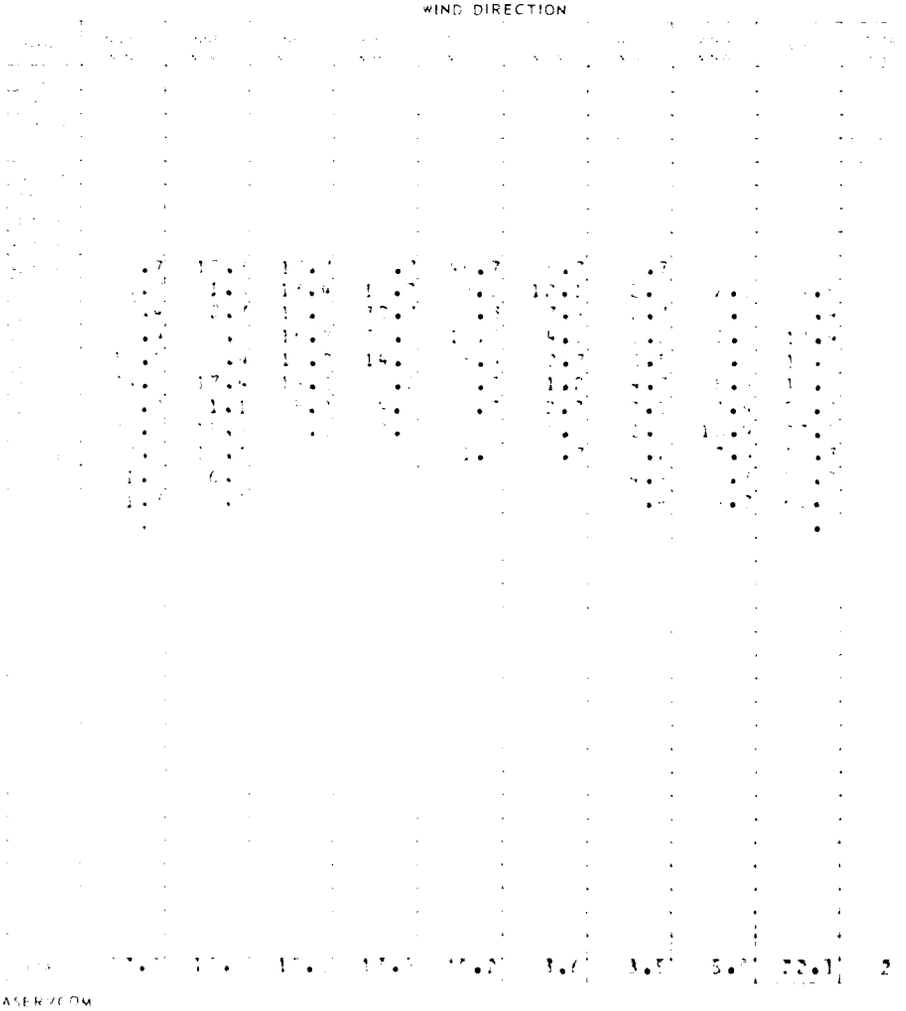
WIND DIRECTION



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4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION



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4

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

[illegible] LE[illegible], [illegible] — STATION / STATION NAME

JANUA[illegible] 1973-D[illegible]CEMBE[illegible] 1982 — YEAR

[illegible]ECEMBE[illegible] — MONTH

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
[illegible]											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 8[illegible]					1[illegible]0.0					[illegible]	.[illegible]
77 TO 81	2[illegible].			[illegible]0.0	[illegible]0.0	3[illegible].[illegible]	7.5			[illegible]	1.[illegible]
72 TO 76	[illegible].	.7	1.[illegible]	[illegible].2	42.8	21.4	3.4	1.[illegible]		14[illegible]	5.[illegible]
[illegible]	[illegible].1	1.[illegible]	7.8	29.[illegible]	[illegible]2.5	12.8	5.3	3.3	4.[illegible]	243	[illegible].8
62 TO 66	.4	5.	1[illegible].[illegible]	24.2	[illegible].9	9.4	7.1	[illegible]	6.9	[illegible]	1[illegible].7
[illegible]	[illegible].6	10.[illegible]	1[illegible].1	1[illegible].9	7.5	3.[illegible]	6.6	8.[illegible]	[illegible].3	[illegible]2	14.6
[illegible]	[illegible].7	16.7	17.8	.8	3.7	2.[illegible]	3.7	7.1	12.1	[illegible]4	14.3
47 TO 51	23.[illegible]	[illegible]4.3	[illegible].9	[illegible].4	2.5	1.2	[illegible].2	13.	16.[illegible]	32[illegible]	1[illegible].1
42 TO 46	[illegible].8	16.5	7.3	[illegible].1	1.5	1.[illegible]	5.8	8.6	2[illegible].2	26[illegible]	10.[illegible]
[illegible]	[illegible].3	17.[illegible]	2.9	1.[illegible]	2.4	.[illegible]	3.9	6.[illegible]	42.2	2[illegible]	6.3
[illegible]	[illegible].3	1[illegible].8	.8			.	[illegible].6	3.[illegible]	[illegible]1.9	1[illegible]3	5.4
[illegible]	1[illegible].[illegible]	[illegible].					[illegible].7		67.2	[illegible]	.3
[illegible] TO 26		[illegible].							[illegible].	1	.5
TOTALS	1[illegible].[illegible]	12.[illegible]	[illegible].8	12.[illegible]	11.7	5.5	5.2	7.	17.6	247[illegible]	1[illegible]0.0

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PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

STATION _____ YEARS 1973-DECEMBER 1982 MONTH _____

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	9.7	19.4	6.5	3.2	3.2	6.5	32.3	12.9	6.5	31	.1
92 TO 96	11.3	9.1	14.2	10.1	12.1	9.7	21.7	5.9	6.8	577	2.0
87 TO 91	7.6	7.4	15.3	14.2	18.8	12.0	12.4	7.2	5.2	1765	6.1
82 TO 86	6.7	8.1	15.1	15.4	21.5	11.7	9.7	4.8	8.1	2470	8.5
77 TO 81	4.7	5.4	11.8	15.4	19.6	9.1	7.1	3.0	23.9	4266	14.7
72 TO 76	3.1	6.5	7.7	13.7	15.7	7.8	4.9	2.8	36.1	5399	18.6
67 TO 71	5.5	6.9	10.2	18.7	16.7	7.4	3.3	3.7	22.0	3367	11.6
62 TO 66	13.3	9.8	11.8	15.1	12.5	6.3	5.4	6.3	21.4	2764	9.5
57 TO 61	16.7	12.3	13.4	11.5	5.7	4.2	5.2	5.6	23.7	2211	7.6
52 TO 56	12.1	15.1	12.3	6.2	3.7	3.5	4.6	6.5	26.1	193	6.7
47 TO 51	22.7	17.6	10.1	3.5	1.4	2.-	4.3	10.3	27.2	1430	4.9
42 TO 46	20.3	15.6	8.2	2.1	1.4	1.6	3.9	11.9	29.9	1120	3.9
37 TO 41	25.7	20.5	7.0	1.5	1.-	1.5	2.5	6.5	31.9	972	3.3
32 TO 36	22.4	20.0	3.9		1.6	1.0	3.7	6.3	39.-	492	1.7
27 TO 31	22.-	25.4	1.-		.5	1.-	1.5	6.1	41.1	197	.7
22 TO 26	11.5	31.3							[illegible]	[illegible]	[illegible]
17 TO 21	7.0								7.0	6	.0
12 TO 16	100.0									1	.0
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 & LOW											
TOTALS	11.5	9.6	11.0	12.4	12.9	7.0	6.3	5.2	24.0	28962	100.0

NAVWEASERVCOM

NOAA, Federal Building
Asheville, N. C.

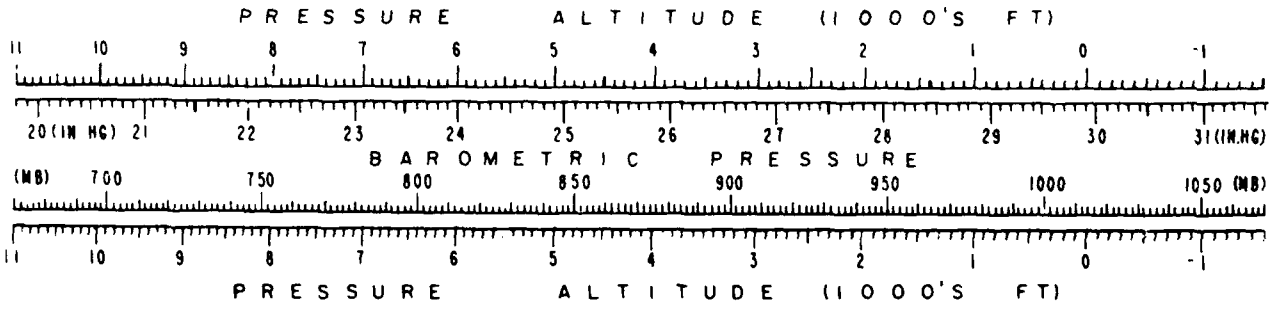
PART F PRESSURE SUMMARY

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 months 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] PRESSURE IN MB FROM HOURLY OBSERVATIONS

STATION [illegible] STATION NAME [illegible] YEARS

HRS (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
	MEAN	21.1	102 .4	1 16.4	1 17.	1 14.4	1 15.8	1 16.5	1 16.6	1 15.3	1 18.1	101 .	1025.6	1017.4
	S. D.	.. 79	5. 18	5.45	4.629	3.636	2.62	2.195	2. 1	3.171	3.761	4.6 1	5. 7	. .
	TOTAL OBS	27	2 1	3	3 0	310	3 0	31	31	3	31	30	31	3
	MEAN	.	1020.0	1016.2	1014.3	1013.7	1015.3	1016.0	1016.	1014.7	1 17.7	1 19.2	1 . 2	1 17.1
	S. D.	.437	5. 13	. 47	4.900	3.6	2.562	2.210	2.01	3.184	3.8 8	4.683	5.	4. .
	TOTAL OBS	2	2	310	300	310	300	310	310	300	310	30	31	3
	MEAN	21.1	1 2 .5	1 16.	1 17.2	1 14.7	1 16.	1016.	1016.	1015.4	1015.5	1017.7	1022.	1017.
	S. D.	.4 4	5. 79	5.44	5. 6	.811	2. 5	.447	2.089	3.1 8	3.807	4.769	5.94	4.
	TOTAL OBS	27	2	31	3	31	3 0	31	31	300	310	300	31	3
	MEAN	22.	1021.9	1017.3	1017.3	1 15.6	1 17.0	1017.6	1 17.7	1 16.5	1 19.7	1 21.	1021.9	1017.
	S. D.	.7 7	5. 89	5.56	5.1 0	3. 6	2.6 6	2.587	2.11	3.161	3.91	4. 19	5.944	5.
	TOTAL OBS	2	2	310	300	312	300	310	31	300	31	300	31	3
	MEAN	21.	1 21.3	1017.6	1017.9	1015.2	1016.6	1017.5	1017.3	1016.3	1016.7	1 19.9	2 .	1 1 .
	S. D.	.7 2	5.7 5	5.562	5. 3	3.779	2.567	2.346	2.122	3.044	3.859	4.794	5.841	. .
	TOTAL OBS	27	2 2	31	3 0	31	300	310	311	300	310	300	31	3
	MEAN	1 .	1 1 .2	1 15.	1016.3	1 13.	1015.3	1 16.1	1 .	1 14.5	1017.1	101 .3	101 .	1016.
	S. D.	.502	5.693	5.47	5. 8	3.764	2.639	2.279	2. 4	3. 3	3.812	4. 56	5.617	4.
	TOTAL OBS	27	2 2	31	3 0	31	300	31	311	3 0	31	300	1	3 2
	MEAN	20.4	101 .4	1015.	1016.0	1013.3	1014.	1015.7	1015.6	1 14.4	1 17.4	1 18.9	1019.8	1 16.
	S. D.	.44	5.743	5.471	4.910	3.677	2.560	2.226	2.067	3.045	3.723	4. 41	5.552	4. 1
	TOTAL OBS	27	2 2	31	3 0	310	300	310	310	300	310	300	3	3
	MEAN	21.2	1 2 .4	1 16.	1 17.	1 14.4	1015.8	1016.6	1016.7	1015.6	1018.5	1019.8	1020.7	1017.9
	S. D.	.515	5.737	5.42	4.897	3.6	2.523	2.199	1.994	3.146	3.766	4.689	5.633	4.
	TOTAL OBS	279	2 2	31	3 0	31	300	31	31	300	310	300	30	3
ALL HOURS	MEAN	21.1	1020.4	1016.	1017.	1014.4	1015.8	1 16.7	1016.6	1015.3	1018.2	1 19.5	1020.5	1017.7
	S. D.	.5 7	5. 5	5.543	5.034	3.7 5	2.664	2.413	2.165	3.196	3.889	4.768	5.824	4.
	TOTAL OBS	2	22 5	3473	2400	2480	2400	2480	2492	24 0	2480	2400	2476	289

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MEANS AND STANDARD DEVIATIONS

STATION NAME

YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	.1 1	.1	.0	.0	.9	.9	.0	.0	.9	.0	.1	.1	
	S. D.	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1	.1
	TOTAL OBS		1	3		3	3	3	3	3	3	3	3	
	MEAN	.1	.1	.0	.0	.9	.9	.9	.9	.9	.0	.0	.1	.0
	S. D.	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1	.1
	TOTAL OBS		2	3	3	3	3	3	3	3	3	3	3	
	MEAN	.1	.1	.0	.0	.9	.0	.0	.0	.9	.0	.1	.1	
	S. D.	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1	.1	.1	.1
	TOTAL OBS		2	3	3	3	3	3	3	3	3	3	3	
	MEAN	.1	.1	.0	.0	.9	.0	.0	.0	.0	.1	.1	.1	
	S. D.	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1	.1	.1	.1
	TOTAL OBS		2	3	3	3	3	3	3	3	3	3	3	
	MEAN	.1	.1	.0	.0	.9	.0	.0	.0	.0	.1	.1	.1	
	S. D.	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1	.1	.1	.1
	TOTAL OBS		2	3	3	3	3	3	3	3	3	3	3	
	MEAN	.1	.1	.0	.0	.9	.0	.0	.0	.9	.0	.1	.1	
	S. D.	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1	.1	.1	.1
	TOTAL OBS		2	3	3	3	3	3	3	3	3	3	3	
	MEAN	.1	.1	.0	.0	.9	.9	.9	.0	.9	.0	.1	.1	
	S. D.	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1	.1	.1	.1
	TOTAL OBS		2	3	3	3	3	3	3	3	3	3	3	
	MEAN	.1	.1	.0	.0	.9	.9	.9	.0	.9	.0	.1	.1	
	S. D.	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1	.1	.1	.1
	TOTAL OBS		2	3	3	3	3	3	3	3	3	3	3	
	MEAN	.1	.1	.0	.0	.9	.9	.9	.0	.9	.0	.1	.1	
	S. D.	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1	.1	.1	.1
	TOTAL OBS		2	3	3	3	3	3	3	3	3	3	3	
	MEAN	.1	.1	.0	.0	.9	.9	.9	.0	.9	.0	.1	.1	
	S. D.	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1	.1	.1	.1
	TOTAL OBS		2	3	3	3	3	3	3	3	3	3	3	
ALL HOURS	MEAN	.1	.1	.0	.0	.9	.9	.9	.0	.9	.0	.1	.1	
	S. D.	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1	.1	.1	.1
	TOTAL OBS													

END

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