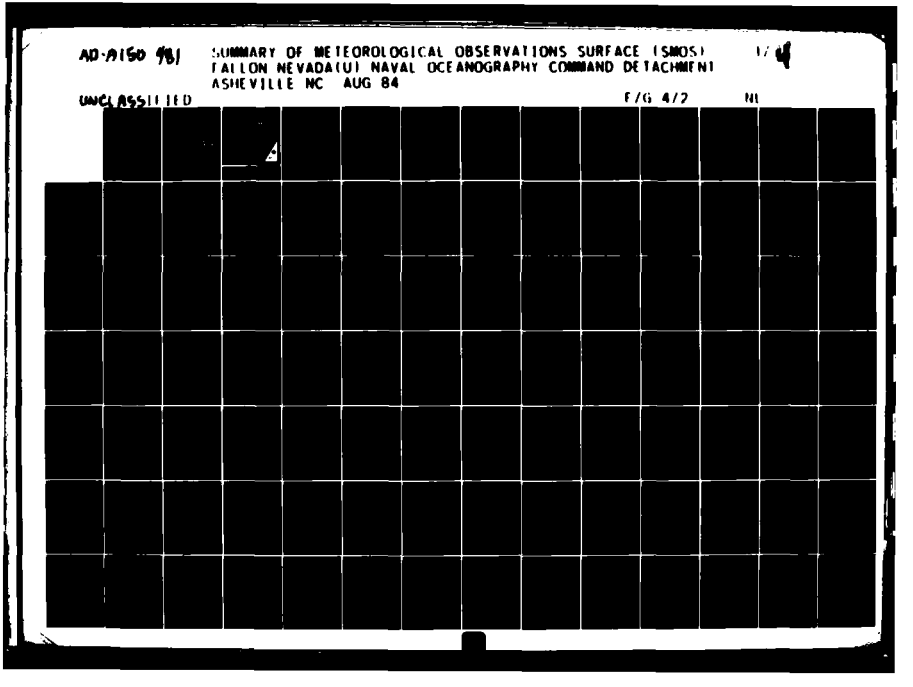
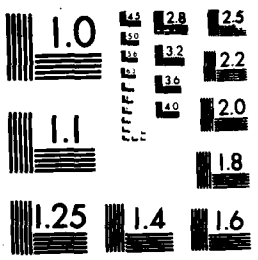
AD-A160 781 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) 1/4
FALLON NEVADA(U) NAVAL OCEANOGRAPHY COMMAND DETACHMENT
ASHEVILLE NC AUG 84

UNCLASSIFIED F/G 4/2 NL





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Aug 1984

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SMOS

SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE

STATION: #93102 Fallon, NV

PERIOD: HOURLY 1/73-12/82
DAILY 11/57-12/82

JOB NO. 72006 DATE August 1984

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

PREPARED FOR
COMMANDER,
NAVAL OCEANOGRAPHY
COMMAND
NSTL MS 39529

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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
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18. SUPPLEMENTARY NOTES

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

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

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

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

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SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE

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

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

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

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

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	STATION ELEV (FT)	CALL SIGN	WMO NUMBER
93102	Fallon, Nevada	39°25'N	118°42'W	3934	KNFL	

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF BARO LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION FROM	AT THIS LOCATION TO	LATITUDE	LONGITUDE	ELEVATION ABOVE MSL FEET	ELEVATION ABOVE MSL TYPE BAROMETER	OBS PER DAY
1.	Weather service office	Navy	1952	1967	39°25'N	118°42'W	3934	Mercurial	Var
2.	" " "	"	1967	1976	"	"	3940	"	Var
1a.	" " "	"	1968	1977	"	"	3942	Aneroid	Var
1b.	ESE of Weather service office 1300 ft	"	1977		"	"	3940	Pressure transducer	18

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	REMARKS ADDITIONAL EQUIPMENT OR REASON FOR CHANGE
1.	1944	Roof	SA(F103-F003)	9 light	27'	
2.	Unknown	Aerovane atop 90' control tower 600' E of Aerology Bldg				
3.	"	HC anemometer atop Aerology Bldg	HC	"	30'	
4.	1955	21 foot platform(replaces item #3)	AN/UMQ-5B	Unknown	21'	
5.	1958	Atop control tower	AN/UMQ-5C	RD-108B	85'	
6.	1958	Relocated near main runway	"	"	15'	
7.	1977	Near main runway	"	RO447A	15'	

NWSD. Federal Building



ATHER CONDITIONS

NOCD, Federal Building
Asheville, N. C.

PART A WEATHER CONDITIONS

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

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

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

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

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

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

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

Hail Occurrences of hail and small hail are included.

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

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

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

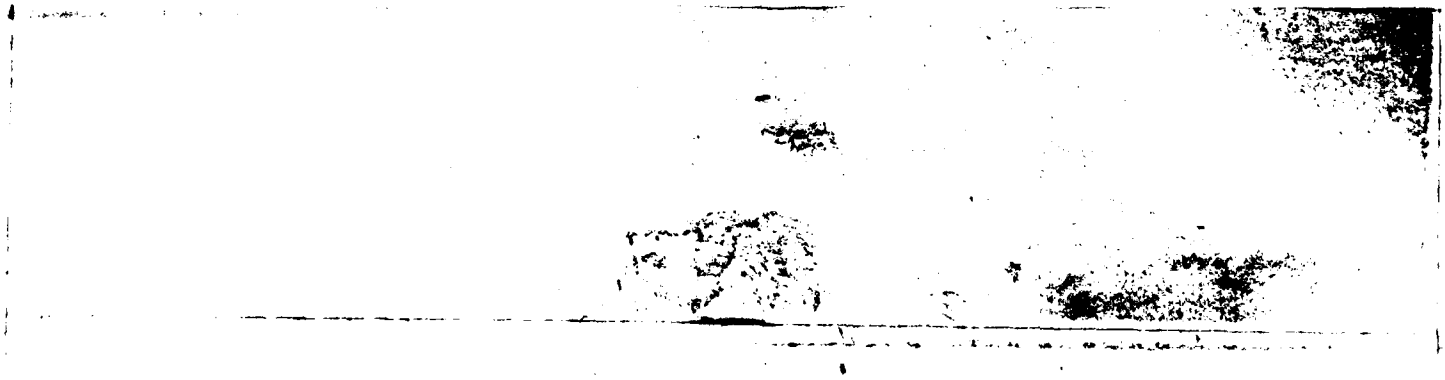
Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources.)

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

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

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

ATMOSPHERIC PHENOMENA

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible]	57-7[illegible]	ALL

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
[illegible]	[illegible]	.6	17.7	1.5	16.[illegible]		[illegible].9	15.1	1.[illegible]	.3	1.[illegible]	17.3	[illegible]
[illegible]		.2	[illegible].[illegible]	.6	15.3	.2	[illegible].3	7.[illegible]	.[illegible]	1.1	.7	[illegible].1	[illegible]
[illegible]		.2	17.7		15.1	.2	[illegible].6	3.9	.5	.3	[illegible]	[illegible].7	[illegible]
[illegible]		1.[illegible]	18.1		12.[illegible]	.2	[illegible].[illegible]	1.[illegible]	.5	.3	1.6	4.[illegible]	[illegible]
[illegible]		.5	[illegible].4		[illegible].[illegible]	1.[illegible]	[illegible].[illegible]	.3	.		1.7	[illegible].[illegible]	[illegible]
[illegible]		[illegible].8	[illegible].			1.[illegible]	[illegible].[illegible]	.2	.[illegible]		[illegible].	[illegible].	[illegible]
[illegible]		.1	1[illegible].[illegible]			.2	1[illegible].[illegible]	.[illegible]	.[illegible]		.	1.[illegible]	[illegible]
[illegible]		.4	16.[illegible]			.5	16.3	.[illegible]	1.1		.	[illegible].3	
[illegible]		[illegible].7	14.[illegible]		.2	.4	14.3	.4	.7		1.[illegible]	[illegible].4	[illegible]
[illegible]		.[illegible]	12.[illegible]	.[illegible]	1.[illegible]	.3	17.4	1.[illegible]	.[illegible]	.[illegible]	.[illegible]	[illegible].[illegible]	[illegible]
[illegible]		.3	19.3	.3	8.3		[illegible].6	[illegible].[illegible]	.[illegible]		.[illegible]	.[illegible]	[illegible]
[illegible]			14.[illegible]	.[illegible]	15.5	.2	[illegible].[illegible]	1[illegible].[illegible]	1.[illegible]	.[illegible]	1.[illegible]	17.[illegible]	[illegible].7
TOTALS		[illegible].4	17.[illegible]	.3	[illegible].[illegible]	.4	[illegible].[illegible]	[illegible].1	.7	.2	1.2	[illegible].1	[illegible]

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WEATHER CONDITIONS

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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

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WEATHER CONDITIONS

STATION | STATION NAME | YEARS | MONTH

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

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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 _____

[illegible] FREQUENCY OF OCCURRENCE OF WEATHER
CODE [illegible] HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
					3.7		4.7	.5					
TOTALS													

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WEATHER CONDITIONS

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

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

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WEATHER CONDITIONS

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
(DO NOT INCLUDE FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
	3												
			.3				.3						
			1.7				1.7				.1	.7	
	17	.3	2.3				2.3				1.0	1.0	300
	1	1.3	2.7				2.7				.7	.7	
	17	4.0	4.1				4.3						300
	23	.3	2.1				2.1				.3	.3	247
TOTALS		.3	2.1				2.5				.4	.4	1737

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3

WEATHER CONDITIONS

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

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

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3

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]	FALL N, N[illegible]	73-[illegible]	A[illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
[illegible]	01												
	2[illegible]												
	[illegible]		1.[illegible]				1.[illegible]		1.[illegible]			1.[illegible]	2[illegible]
	1[illegible]		1.[illegible]				1.[illegible]		1.[illegible]			1.[illegible]	3[illegible]
	1[illegible]	.3	.[illegible]				.[illegible]		.[illegible]			.[illegible]	3[illegible]
	1	1.3	1.3				1.[illegible]		.[illegible]		1.6	2.[illegible]	3[illegible]
	1	[illegible].2	[illegible].2				[illegible].[illegible]				1.[illegible]	1.3	3.[illegible]
	[illegible]2		2.[illegible]				2.[illegible]	.[illegible]	.4			.[illegible]	24[illegible]
TOTALS		.[illegible]	1.[illegible]				1.7	.1	.[illegible]		.[illegible]	1.1	1[illegible]2

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WEATHER CONDITIONS

STATION [illegible] FALLON, NV STATION NAME 73-75, 77-92 YEARS [illegible] MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
[illegible]	01												
	04												
	[illegible]	.4	2.6				2.[illegible]	.4			.[illegible]	1.1	266
	13		1.[illegible]				1.[illegible]				.[illegible]	.4	255
	16	.4	2.3				2.3						2[illegible]4
	19	.4	.[illegible]				.[illegible]						2[illegible]6
	22	1.5	[illegible].[illegible]				[illegible].				.[illegible]	.4	246
	[illegible]2		1.2				1.2				.[illegible]	.[illegible]	241
TOTALS		.5	2.1				2.1	.1			.[illegible]	.[illegible]	1571

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WEATHER CONDITIONS

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
	01												
					•			•				•	
	1	•	2.3					•			•	•	
					•						•	•	
			1.				1.						
			1.				1.				•	•	
			•				•						
TOTALS		•	2.3		•		2.4	•			•	•	

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WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]	FALL No. NY	[illegible]	[illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
[illegible]	[illegible]												
	[illegible]		1.[illegible]		1.[illegible]		2.7	[illegible].1				[illegible].1	[illegible]
	1		1.[illegible]		1.[illegible]		1.7	.7				.7	[illegible]
	1[illegible]		[illegible].4		1.[illegible]		4.4				.[illegible]	.3	[illegible]
	1[illegible]		[illegible].[illegible]		2.7		4.4						[illegible]
	1.[illegible]		[illegible].7		[illegible].[illegible]		4.1						[illegible]3
	[illegible]		1.[illegible]		1.[illegible]		[illegible].[illegible]						[illegible]
TOTALS			.1		1.[illegible]		[illegible].4	.6			.1	.[illegible]	17[illegible]1

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3

WEATHER CONDITIONS

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

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

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WEATHER CONDITIONS

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
	ALL		2.[illegible]		3.2		5.5	5.2	.7	.1	.[illegible]	.	17[illegible]
			[illegible].0		2.3		5.2	.7	.2		.[illegible]	1.[illegible]	16[illegible]
		.1	[illegible].[illegible]		1.7		5.7	.5		.1	.[illegible]	1.[illegible]	1[illegible]
		.2	2.7		1.1		[illegible].6	.1		.1	.[illegible]	.5	177[illegible]
		[illegible].[illegible]	4.1		.4		4.3	.1			.[illegible]	.4	1[illegible]
		.	2.[illegible]				2.[illegible]				.[illegible]	.4	17[illegible]
		.7	[illegible].[illegible]				1.0	.1	.1			.[illegible]	1[illegible]
		.[illegible]	1.[illegible]				1.7	.1	.		.	1.1	17[illegible]
		.[illegible]	2.1				[illegible].1	.1			.	.[illegible]	1[illegible]
		.2	2.5		.[illegible]		2.[illegible]	.[illegible]			.[illegible]	.[illegible]	1[illegible]
			[illegible].[illegible]		1.7		2.4	.[illegible]			.[illegible]	.7	17[illegible]
			1.0		1.[illegible]		[illegible].1	2.[illegible]	.[illegible]	.1	.[illegible]	3.7	16[illegible]
TOTALS		.4	2.6		1.[illegible]		3.4	1.1	.1	.[illegible]	.4	1.[illegible]	21117

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3

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

[illegible] FALL[illegible], NV — STATION NAME | JANUARY 1973-DECEMBER 1982 — YEARS | JANUARY — MONTH | — HOURS (EST)

[illegible] DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	[illegible]					5.[illegible]			1.2	.6			.6	[illegible]
NNE	[illegible]	.9			.[illegible]	3.6			[illegible].5	.9				[illegible]
NE	[illegible]					1.[illegible]			1.[illegible]	2.1				[illegible]
ENE						2.[illegible]			[illegible].[illegible]	2.[illegible]	4.[illegible]			[illegible]
E	.[illegible]					2.1			[illegible].4					[illegible]
ESE	.3					2.3			14.[illegible]					[illegible]
SE		1.4							1.[illegible]					[illegible]
SSE		.[illegible]				2.[illegible]			[illegible].[illegible]	3.[illegible]			2.6	[illegible].8
S	.1					2.1			.1	.7	.7			[illegible]
SSW									1.[illegible]					[illegible]
SW	.[illegible]	2.2				2.2			[illegible].4					[illegible].9
WSW									14.[illegible]					[illegible]
W	.[illegible]	3.6				1.[illegible]			3.[illegible]		1.[illegible]			[illegible]
WNW	.[illegible]	3.2				[illegible].5								[illegible]
NW	.[illegible]	[illegible].3				[illegible].5			1.9			1.9		[illegible]
NNW	.1	1.1				5.3			[illegible].1	1.1				[illegible]
VARIABLE														
CALM	[illegible]	.2	.2			[illegible]			[illegible]	[illegible]	[illegible]			[illegible]
[illegible]	[illegible]	1	1		1	[illegible]3			12[illegible]	[illegible]4	1[illegible]	1	4	15[illegible]
[illegible]	1.[illegible]	.6	.1		.1	3.[illegible]			[illegible].1	1.[illegible]	.[illegible]	.1	.2	[illegible]5.5

TOTAL NUMBER OF OBSERVATIONS 1,74[illegible]

NAVAIRSERVCOM

3

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

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

	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
						4.7				.7	.7		.7	[illegible]
	1.0	.6				2.7								.7
		.7												[illegible]
						2.1								7.7
		1.3	1.3			3.4				1.4				[illegible]
	1.0					1.4								[illegible]
	1.3	1.1				2.7								[illegible]
	.7					.7							1.6	[illegible]
	.7					1.3							1.2	[illegible]
	.7	2.5				3.3							3.3	[illegible]
	2.0	2.6												[illegible]
	5.0	4.7							.7					[illegible]
	.7	1.1	1.1			1.1			1.1				1.1	[illegible]
						5.3				2.0			2.0	[illegible]
	1.0	5.3				11.7			1.5					[illegible]
	.7					7.1			1.3					[illegible]
	[illegible]	[illegible]	[illegible]			[illegible]			[illegible]	[illegible]	[illegible]			[illegible]
	[illegible]	17	2			7.			[illegible]	7	[illegible]		1	[illegible]
	[illegible]	1.[illegible]	.1			2.3			.3	.4	.1		.6	[illegible]

TOTAL NUMBER OF OBSERVATIONS 1,664

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3

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

[illegible] FALLON, NV — JANUARY 1973-DECEMBER 1982 — MARCH

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

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	1.7	5.2				2.3							.3	87.
NNE	.3	2.3				1.2			1.2					94.
NE	1.7	3.4							1.7				1.7	91.4
ENE						2.[illegible]								97.6
E		1.[illegible]												98.1
ESE	.2	.7												89.1
SE	1.[illegible]	1.3												97.4
SSE	2.[illegible]	1.7												95.[illegible]
S	.[illegible]	1.4				.7								97.[illegible]
SSW		3.2	1.6										1.6	93.5
SW	.3	2.3				1.2		1.2				1.2	4.7	89.5
WSW		2.4											1.2	96.5
W	4.	4.6				1.[illegible]		.7	1.3				1.3	-8.2
WNW	.[illegible]	1.1				2.[illegible]								92.4
NW	1.[illegible]	3.2			.[illegible]	2.[illegible]			.[illegible]					93.3
NNW	.					3.[illegible]							.[illegible]	95.[illegible]
CALM														
[illegible]	[illegible]	.3				2.[illegible]								[illegible]
[illegible]	[illegible]	.2	1		1	[illegible]		2	5			1	14	171[illegible]
[illegible]	.	2.3	.1		.1	1.[illegible]		.1	.3			.1	.[illegible]	93.4

TOTAL NUMBER OF OBSERVATIONS 1,[illegible]3

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3

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

STATION | FALLON, NV (STATION NAME) | JANUARY 1973-DECEMBER 1982 (YEARS) | APRIL (MONTH) | (HOURS L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	1.0	2.9				1.3		.5				.5		94.5
NNE	1.1	1.1				1.1								95.6
NE	1.7	3.3				1.7								93.3
ENE						2.6								97.4
E														100.0
ESE		3.0											3.0	93.9
SE														100.0
SSE	[illegible]													97.4
S		1.8							.9				.9	96.4
SSW		3.5												96.2
SW	1.4	1.4				1.4		1.4					4.1	91.8
WSW		4.3											4.3	91.4
W	.6	1.4				.5								97.2
WNW	.5	3.1				2.5		.6						93.8
NW	.7	1.8				1.5							.9	95.5
NNW	.6	1.5				2.3								95.5
VARIABLE														
CALM	.4	.4				.8								97.7
TOTAL	1.5	31				20		3	1			1	9	1698
% TOTAL	.2	1.7				1.1		.2	.1			.1	.5	95.8

TOTAL NUMBER OF OBSERVATIONS 1,772

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3

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

STATION [illegible] FALLON, NV — JANUARY 1973-DECEMBER 1982 — MAY — HOURS L.S.T.
STATION NAME — YEARS — MONTH

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
[illegible]		2.6				.5		.9					.5	[illegible]
[illegible]	.3	3.1											.4	94.5
[illegible]		6.[illegible]						1.4						[illegible]
[illegible]	1.	1.9												96.4
[illegible]	.2	1[illegible].4						2.2						[illegible].2
[illegible]		1[illegible].3												[illegible].[illegible]
[illegible]														100.0
[illegible]		4.2												95.[illegible]
[illegible]	1.1	3.6						4.5					1.1	92.1
[illegible]		1.3												98.[illegible]
[illegible]	1.													99.[illegible]
[illegible]		7.7						1.3					2.6	87.7
[illegible]	1.2	2.[illegible]				.[illegible]		1.6	.4					[illegible].[illegible]
[illegible]		.2				1.1		.5						[illegible].[illegible]
[illegible]	1.[illegible]	1.4						.7						[illegible].[illegible]
[illegible]		1.7				.[illegible]		.6					.6	[illegible].1
[illegible]														
[illegible]		2.[illegible]				.[illegible]		1.[illegible]						[illegible].[illegible]
[illegible]	1[illegible]	[illegible]3				7		1[illegible]	[illegible]				[illegible]	1777
[illegible]	.[illegible]	3.4				.[illegible]		1.[illegible]	.1				.[illegible]	[illegible]5.3

TOTAL NUMBER OF OBSERVATIONS 1,9[illegible]

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3

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

[illegible] ALLEN, NV JANUARY 1973-DECEMBER 1982 JUNE
STATION NAME YEARS MONTH HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
[illegible]	.1	1.1						1.6					.5	96.3
[illegible]													1.3	98.6
[illegible]	1.													98.4
[illegible]	2.	7.5						1.9					1.9	86.7
[illegible]		9.5												90.5
[illegible]														100.0
[illegible]														100.0
[illegible]														100.0
[illegible]	.7	4.3						2.2					2.2	91.2
[illegible]		2.0												98.0
[illegible]	.													92.1
[illegible]		3.3											1.1	95.7
[illegible]	.	1.7						1.7						97.4
[illegible]	1.1	.5						1.0					.5	96.8
[illegible]	.	2.4												96.6
[illegible]	1.2	.6						.6						97.5
[illegible]														
[illegible]		.9												99.1
[illegible]	1?	2H						1?					?	1779
[illegible]	.?	1.6						.8					.4	96.7

TOTAL NUMBER OF OBSERVATIONS 1,708

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3

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

[illegible] FALLON, NV [illegible] JANUARY 1973-DECEMBER 1982 JULY [illegible]
STATION STATION NAME YEARS MONTH HOURS (LST)

DIRECTION OF WIND	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N		.8												89.[illegible]
NNE		[illegible]												[illegible]
NE		2.9						2.[illegible]						[illegible]
ENE	.7	[illegible]												97.6
E		[illegible]												[illegible]
ESE	.3	6.3						6.3						[illegible]
SE		7.7												92.3
SSE	.4	4.4						2.2						91.1
S	1.	3.1						[illegible]						94.9
SSW		2.3						2.3						95.[illegible]
SW	1.	2.[illegible]						1.[illegible]			1.5			94.1
WSW	1.	2.[illegible]						1.[illegible]						[illegible]
W		1.3						.[illegible]	.3					[illegible]
WNW	.[illegible]							.[illegible]						[illegible]
NW		.6						.6						[illegible]
NNW		2.2						1.5						[illegible]
ARABL														
CALM		.2						.[illegible]						[illegible]
TOTAL		[illegible]						14	1		1			[illegible]
[illegible]	.[illegible]	1.4						.8	.1		.1			[illegible]

TOTAL NUMBER OF OBSERVATIONS 1,345

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3

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

[illegible] FALLON, NV JANUARY 1973-DECEMBER 1982 AUGUST
STATION (NAME) YEARS MONTH HOURS (LST)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N		1.[illegible]						1.[illegible]			.6		1.2	[illegible]6.4
NNE								2.[illegible]						97.[illegible]
NE														100.0
ENE		4.2						2.1						95.8
E		5.[illegible]						3.2						93.[illegible]
ESE		5.[illegible]						5.[illegible]						95.[illegible]
SE		2.5												97.4
SSE	1.[illegible]	3.3												95.1
S		.7									1.5			97.8
SSW		1.[illegible]						1.9			1.9			96.2
SW		1.5											4.6	93.8
WSW	1.[illegible]							1.[illegible]			1.[illegible]		1.[illegible]	98.[illegible]
W	.[illegible]	1.3						1.3			.[illegible]			96.5
WNW		3.[illegible]						.6			.[illegible]		.6	95.2
NW	.[illegible]	1.[illegible]						.7	.7				.7	97.1
NNW								.7			1.5			97.8
[illegible]								.[illegible]						99.[illegible]
[illegible]		25						17	1		9		8	1722
[illegible]	.[illegible]	1.4						1.1	.1		.5		.4	96.9

TOTAL NUMBER OF OBSERVATIONS 1,778

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3

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

[illegible] FALLON, NV — JANUARY 1973-DECEMBER 1982 — SEPTEMBER — [illegible]
(STATION NAME) (YEARS) (MONTH) (HOURS L.S.T.)

[illegible]	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
[illegible]		1.4						.5					1.4	97.1
[illegible]		3.3											.2	95.4
[illegible]		1.3						1.3						98.7
[illegible]														100.0
[illegible]		7.7												92.3
[illegible] ESE	3.2	9.7						3.2						87.1
[illegible] NE	3.1													96.9
[illegible] ENE		1.6						1.6						98.4
[illegible]		2.4						1.2						97.6
[illegible] SSW		3.5						3.6						96.4
[illegible] SW														100.0
[illegible] WSW		2.1												97.9
[illegible] W	.7							.7						98.7
[illegible] WNW		1.1												98.9
[illegible] NW	2.4	2.4											1.2	94.[illegible]
[illegible] NNW		2.5												97.4
[illegible] VARIABLE														
[illegible] CALM	.6	.6												98.8
[illegible]	[illegible]	[illegible]						[illegible]	[illegible]				[illegible]	1534
[illegible]	.1	1.7						.4	.1				.3	97.5

TOTAL NUMBER OF OBSERVATIONS 1,573

NAVWEASERVCOM

3

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

[illegible] CALL[illegible], NV — JANUARY 1973-[illegible] CAM E- 1982 — [illegible] — [illegible]
(STATION NAME) (YEARS) (MONTH) (HOURS)

DIRECTION RESULTANT	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
[illegible]	1.4	.9							.3				.5	[illegible].7
[illegible]NE		1.6												[illegible]8.[illegible]
[illegible]E														[illegible]0.[illegible]
[illegible]SE		2.5												[illegible]7.[illegible]
[illegible]		4.2												[illegible]5.[illegible]
[illegible]SSE	[illegible]													[illegible]6.[illegible]
[illegible]SE	.4	2.7												91.9
[illegible]SSE	1.1													98.9
[illegible]S	1.	.9												97.7
[illegible]SW	.3	2.3												95.3
[illegible]														100.0
[illegible]W						1.5							1.5	97.[illegible]
[illegible]WNW	.[illegible]	1.5												96.[illegible]
[illegible]NW		[illegible].9	1.5											95.6
[illegible]NNW	[illegible].1	4.1						1.4						[illegible]1.[illegible]
[illegible]N	.	2.[illegible]				1.[illegible]			1.0				1.[illegible]	93.1
[illegible]VAR	[illegible]	[illegible]				[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible].1
[illegible]	[illegible]1	[illegible]1	1			[illegible]		1	[illegible]	1			3	1785
[illegible]	1.1	1.1	.1			.[illegible]		.1	.1	.1			.2	97.4

TOTAL NUMBER OF OBSERVATIONS 1,933

NAVWEASERVCOM

3

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

[illegible] JANUARY 1977-DECEMBER 1982 NOVEMBER [illegible]
YEARS MONTH HOURS (EST)

	RAIN	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
	•				3.[illegible]								[illegible]
	•	.9			2.[illegible]								[illegible]
	1.1												[illegible]
					5.7								[illegible]
	.4												[illegible]
	.4												[illegible]
					2.9								[illegible]
		1.1											[illegible]
	1.												[illegible]
													[illegible]
	•				3.9								[illegible]
	.1				2.1			.1					[illegible]
	•	2.1			3.1				1.5			1.	[illegible]
	.2	2.2			4.4								[illegible]
		.3			1.7								[illegible]
	.5				3.3			1.1					[illegible]
	[illegible]	.2			[illegible]			[illegible]	[illegible]				[illegible]
	[illegible]	[illegible]			[illegible]			[illegible]	[illegible]			1	[illegible]
	1.	.5			1.7			.3	.3			.1	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

3

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

[illegible] FALLON, NV (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) DECEMBER (MONTH) (HOURS [illegible])

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	.7	3.4				8.1			1.4				.7	85.8
NNE	.7					2.3			4.6					93.
NE		1.3				1.7			2.5					95.
ENE		2.3								2.3				95.5
E	1.1					3.1								96.
ESE										3.3	3.3			96.7
SE	1.7					1.7								96.7
SSE	4.4	1.8											.9	92.9
S	1.5	1.9				1.3			1.9					94.2
SSW						2.8							2.8	96.1
SW									3.8				3.8	93.9
WSW									2.3				2.3	95.3
W		1.7												98.
WNW		2.7												97.
NW	.7					2.8			4.8					95.
NNW						4.2			1.4			1.4		94.4
AM A														
M	[illegible]	.5	[illegible]	[illegible]	[illegible]	.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	1.	17				2o			38	11	3	1	5	1583
[illegible]	.1	1.0				1.5			2.3	.7	.2	.1	.3	93.3

TOTAL NUMBER OF OBSERVATIONS 1,6PA

NAVWEASERVCOM

3

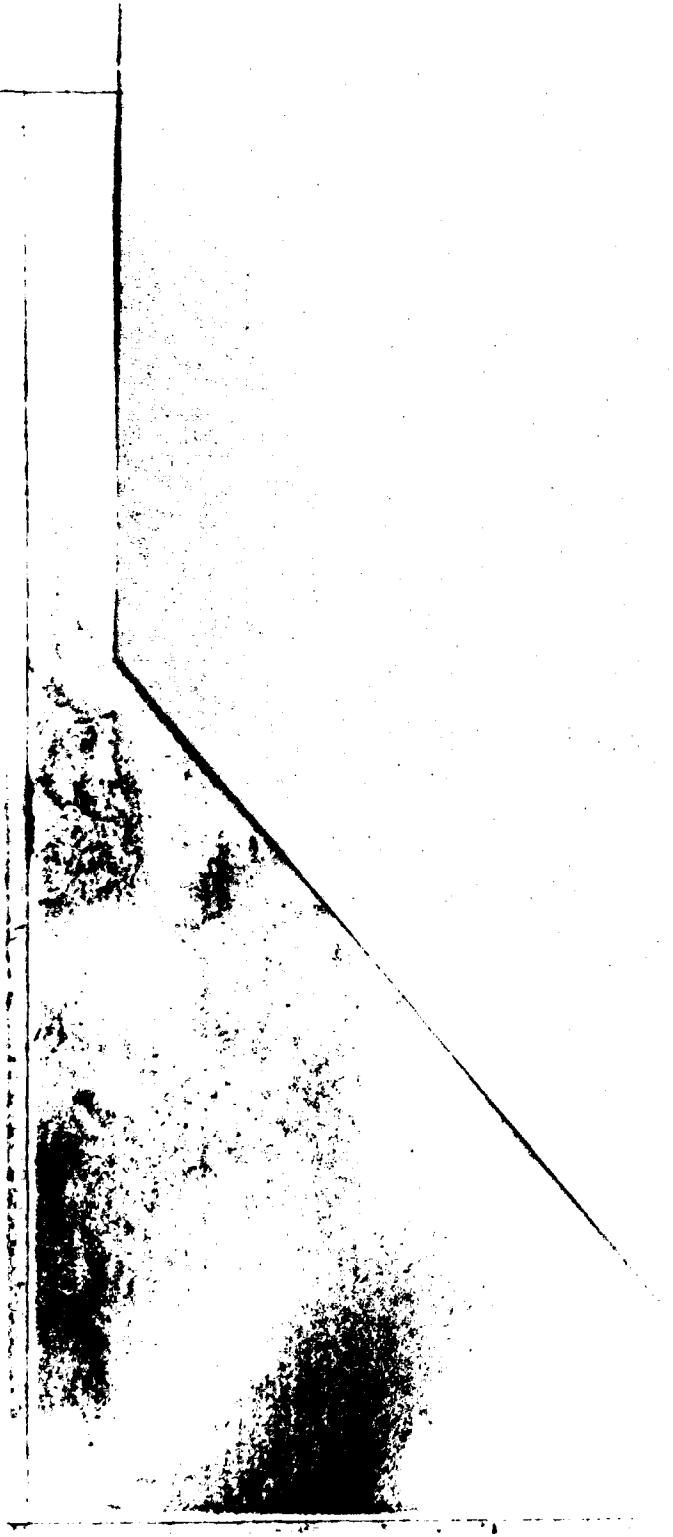
PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

[illegible] JANUARY 1973-DECEMBER 1992 ALL
YEARS MONTH

		DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
1.2	1.7				1.7		.5	.2	.1	.1	.[illegible]	.7	94.5
.1	1.3			.1	1.2		.2	.9	.1			.2	95.5
.	1.5				.4		.4	.5	.2			.1	96.7
.[illegible]	1.7				1.[illegible]		.4	.6	.4	.4		.2	95.[illegible]
1.[illegible]	3.3	.2			.[illegible]		.5	.7	.7				94.[illegible]
1.[illegible]	[illegible].4				.[illegible]		.[illegible]	1.6	.3	.3		.3	[illegible].[illegible]
1.2	1.2				.7			.[illegible]					95.7
1.[illegible]	1.3				.4		.2	.3	.4			.6	95.2
.[illegible]	1.6				.[illegible]		.6	.[illegible]	.1	.[illegible]		.4	95.7
.	2.0	.2			.[illegible]		.5	1.[illegible]		.[illegible]		.8	94.[illegible]
.[illegible]	1.2				.[illegible]		.[illegible]	.5		.[illegible]	.2	1.7	93.5
.	2.[illegible]				.[illegible]		.4	.9		.1		1.3	94.[illegible]
1.1	1.[illegible]	.0			.[illegible]		.7	.3	.	.1		.2	95.7
.	1.[illegible]	.1			1.1		.5		.1	.1		.[illegible]	95.[illegible]
1.[illegible]	2.2			.1	1.[illegible]		.3	.5			.1	.3	94.1
.[illegible]	1.1				2.[illegible]		.4	.4	.1	.1	.1	.2	95.1
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	314	5	[illegible]	[illegible]	2[illegible]		78	187	46	27	4	72	2009[illegible]
[illegible].1	1.5	.[illegible]	[illegible]	.[illegible]	1.[illegible]		.4	.9	.2	.1	.0	.3	95.1

TOTAL NUMBER OF OBSERVATIONS [illegible]1,144

NAVWEASERVCOM



PRECIPITATION

C). Federal Building
heville, N. C.

ART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

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

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

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

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

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

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

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

DAILY AMOUNTS

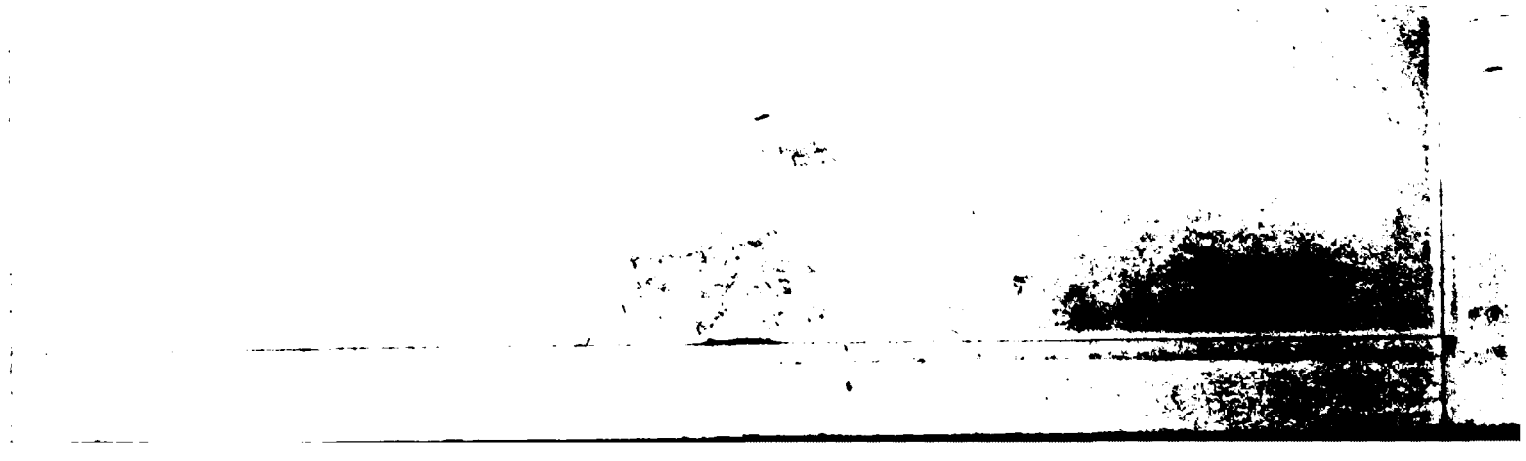
PERCENTAGE FREQUENCY OF [illegible]

(FROM DAILY OBSERVATIONS)

STATION _____ STATION NAME [illegible] YEARS 57-3

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	[illegible]	[illegible]	1.	4.3	2.5	3.2	1.5							13.	[illegible]	.44	1.65	[illegible]
FEB	[illegible]	11.	2.7	3.2	3.3	3.5	1.7	.3						13.7	756	.52	2.77	[illegible]
MAR	[illegible]	[illegible]	2.4	4.3	3.4	2.7	1.4	.4						14.7	775	.49	1.46	[illegible]
APR	[illegible]	13.3	1.7	3.6	2.5	2.9	1.[illegible]	.3						12.	720	.42	1.13	[illegible]
MAY	[illegible]	13.	[illegible]	2.7	2.3	3.5	1.9	.5						11.	775	.57	1.73	[illegible]
JUN	[illegible]	9.1	1.[illegible]	4.3	1.7	2.9	1.[illegible]	1.0	.[illegible]					13.	75[illegible]	.76	2.[illegible]	[illegible]
JUL	[illegible]	[illegible]	1.[illegible]	2.1	[illegible]	1.7	1.[illegible]							6.	775	.25	1.24	[illegible]
AUG	[illegible]	[illegible]	[illegible]	3.1	1.[illegible]	1.7	[illegible]	.4	.1					[illegible].3	744	.35	1.7[illegible]	[illegible]
SEP	[illegible]	6.[illegible]	1.2	2.1	1.1	2.1	[illegible]	.2	.[illegible]					7.[illegible]	66[illegible]	.31	1.[illegible]	[illegible]
OCT	[illegible]	[illegible]	1.[illegible]	2.3	1.[illegible]	1.7	[illegible]	.3						[illegible].6	71[illegible]	.34	2.[illegible]	[illegible]
NOV	[illegible]	11.2	[illegible]	4.9	1.[illegible]	2.8	1.6	.1						14.[illegible]	75[illegible]	.42	1.5[illegible]	[illegible]
DEC	[illegible]	13.[illegible]	1.[illegible]	4.[illegible]	2.[illegible]	2.8	[illegible].7	.1						13.2	6[illegible]2	.36	1.2[illegible]	[illegible]
ANNUAL	77.[illegible]	11.[illegible]	1.6	3.6	2.1	2.6	1.2	.3	[illegible]					11.5	9732	5.23		

NAVWEASERVCOM



DAILY AMOUNTS

PERCENTAGE FREQUENCY O

(FROM DAILY OBSERVATIONS

STATION | STATION NAME | YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	•	1 •	1.2	1.6	•	•	•	• 1						• 3		1.7	• 7	•
FEB	• 6	•	1.	2.5	1.	• 5	• 1							• 1		1.2	1 •	•
MAR	•	1 • 1	1.	2.7	• 4	• 4	• 1	• 1						• 2	775	1.7	3.	•
APR	•	7 •	1.7	1.7	• 4	• 1								7.	723	• 9	7.	•
MAY	•	•	•	• 3				• 1						•	775	• 3	•	•
JUN	•	• 1																•
JUL																	•	•
AUG																	•	•
SEP	•	•																•
OCT	•	1 •	• 1	• 1	• 1									• 4	713	• 1	2 •	•
NOV	•	4 •	1.2	• 8	• 4	• 1	• 1								720	• 9	3.	•
DEC	•	1 •	1	1.4	• 2	• 1	•	• 1						4.	713	1.4	4.	•
ANNUAL	•	4 •	• 2	• 9	• 3	• 1	• 1	•						2.4	733	• 9		

NAVWEASERVCOM

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOW DEPTH

(FROM DAILY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	[illegible]	7.[illegible]	4.3	.3	[illegible]	1.0								1[illegible].1	6[illegible]			
FEB	[illegible]	3.[illegible]	1.[illegible]	1.2	.1									[illegible].1	67[illegible]			
MAR	[illegible]	[illegible].3	[illegible]	[illegible].7		.1								1.3	744			
APR	[illegible]	1.[illegible]	.1											.1	6[illegible]0			
MAY	[illegible]	.1				.1								.1	77[illegible]			
JUN	[illegible]														7[illegible]0			
JUL	[illegible]	[illegible]													77[illegible]			
AUG	[illegible]	[illegible]													744			
SEP	[illegible]	.2													[illegible]6[illegible]			
OCT	[illegible]	.6	.1											.1	713			
NOV	.7	1.[illegible]	.1	.8	.1									1.7	7[illegible]0			
DEC	[illegible].1	.1	1.[illegible]	1.2	.7	.7								3.[illegible]	[illegible]62			
ANNUAL	[illegible].7	2.[illegible]	.3	.5	[illegible].2	.2								1.7	8643			

NAVWEASERVCOM

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

[illegible] STATION | [illegible]VILLE, NC STATION NAME | 57-80 YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
57											.38	.[illegible]	
58	.[illegible]	.20	.14	.26	.30	.53	.28	.00	.23	.[illegible]7	.09	.11	.53
[illegible]	.[illegible]	.14	.00		.39	.00	.02	1.75	.14	.06	.00	.[illegible]	
[illegible]	.37	.[illegible]	.11	.[illegible]	.03	.00	.16	.00	.03	.07	.62	.47	.62
1	.1[illegible]	.22	.34	.[illegible]4	.37	.50	.1[illegible]	.[illegible]5	.23	.20	.2[illegible]	.21	.[illegible]5
[illegible]	.32	.7[illegible]	.23	.01	.71	.57	.47	.[illegible]0	.00	.00	.11	.02	.7[illegible]
[illegible]	.17	.33	.3[illegible]	.26	.2[illegible]	.34	.00	.[illegible]5	.44	.27	.1[illegible]	.50	.[illegible]0
4	.[illegible]6	.10	.4[illegible]	.19	.62	.54	.[illegible]3	.14	.00	.24	.[illegible]8	.1[illegible]	.[illegible]3
5	.1[illegible]	.14	.22	.47	.85	.23	.23	.56	.2[illegible]	.[illegible]3	.43	.16	.85
6	.[illegible]4	.14	.0[illegible]	.1[illegible]	.12	.30	.01	.[illegible]4	.37	.00	.12	.61	.61
6[illegible]	.1[illegible]	.0[illegible]	.33	.30	.27	.51	.48	.13	1.2[illegible]	.01	.44	.[illegible]0	[illegible]3
[illegible]	.[illegible]7	.46	.20	.54	.29	.23	.13	.73	.[illegible]0	.21	.22	.35	.[illegible]4
[illegible]	.4[illegible]	.2[illegible]	.0[illegible]	.1[illegible]	.24	.51	.02	.[illegible]0	.01	.22	.27	.31	.[illegible]
[illegible]	.1[illegible]	.21	.22	.[illegible]5	.11	.[illegible]7	.33	.17	.00	.00	.11	.14	.[illegible]7
[illegible]	.4[illegible]	.2[illegible]	.1[illegible]	.2[illegible]	.45	.10	.21	.16		.46	.1[illegible]		
[illegible]	.[illegible]9	.[illegible]5	.[illegible]0	.1[illegible]	.17	.56	.07	.10	.57	.73	.21	.10	.73
[illegible]	.40	.67	.1[illegible]	.13	.31	.[illegible]6	.07	.[illegible]3	.[illegible]0	.1[illegible]	.33	.1[illegible]	.6[illegible]
[illegible]	.2[illegible]	.[illegible]6	.10	.27	.[illegible]3	.[illegible]4	.27	.27	.[illegible]0		.48	.4[illegible]	
[illegible]	.1[illegible]	.[illegible]3	.36	.[illegible]9	.13	.45	.[illegible]0	.34	.35	.29	.[illegible]8	.[illegible]4	.45
[illegible]	.1[illegible]	.33	.1[illegible]	.25	.[illegible]6	.65	.41	.18		.61	.[illegible]7		
[illegible]7	.1[illegible]	.[illegible]3	.04	.[illegible]6	.39	1.46	.17	.[illegible]8	.[illegible]0	.[illegible]0	.[illegible]2		
[illegible]		.[illegible]7	.51	.[illegible]3	.06	.03	.02	.[illegible]0	.25	.[illegible]8	.27	.21	
[illegible]7	.1[illegible]	.[illegible]3	.63	.49	.14	.05	.17	.33	.[illegible]0	.05	.16	.[illegible]0	.[illegible]7
[illegible]		.[illegible]3	.27	.19	.33	.[illegible]3	.20	.[illegible]4	.34	.[illegible]8	.39	.[illegible]7	
1	.[illegible]9	.[illegible]9	.47	.32	.25	.[illegible]1	.01	.[illegible]0	.[illegible]8	.24	.27	.[illegible]6	.40
[illegible]		.[illegible]7	.22	.14	.11	1.[illegible]2	.02						
MEAN	.1[illegible]	.2[illegible]	.23	.23	.27	.3[illegible]	.1[illegible]	.24	.2[illegible]	.1[illegible]	.22	.1[illegible]	.67
S.D.	.13[illegible]	.1[illegible]8	.16[illegible]	.194	.21[illegible]	.375	.14[illegible]	.3[illegible]	.282	.223	.14[illegible]	.172	.[illegible]7
TOTAL OBS.	6[illegible]2	[illegible]06	77[illegible]	720	775	753	77[illegible]	744	66[illegible]	713	[illegible]5[illegible]	682	8[illegible]52

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

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

24 HOUR AMOUNTS IN INCHES
(BASED ON LESS THAN FULL MONTH)

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]				•[illegible] 23									PRECIP DAYS
[illegible]												•[illegible] [illegible]	PRECIP DAY
[illegible]										•3[illegible] 30			PRECIP DAYS
[illegible]												•0[illegible] [illegible]	PRECIP DAYS
[illegible]7												•4[illegible] [illegible]	PRECIP DAYS
[illegible]7	•3[illegible] [illegible]												PRECIP DAYS
	•7[illegible] [illegible]												PRECIP DAYS
[illegible]	[illegible]• [illegible] [illegible]							•01 [illegible]	•[illegible] 26	•54 26	•26 [illegible]6	•2[illegible] 26	PRECIP DAYS
MEAN													
S.D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION	STATION NAME	YEARS
[illegible]	[illegible], W	57-80

24 HOUR AMOUNTS IN INCHES

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ALL MONTHS
57											3.4		
58	.7	.2	1.4	.2	.0	.0	.2	.0	.2	.2	.2	.1	1.4
59	.2	1.3	.2		.2	.2	.2	.0	.1	.1	.1	.1	
60	.7	.1	.2	.2	.2	.3	.2	.0	.1	.0	.2	.2	.7
61	.1	.2	1.0	.2	.1	.0	.0	.0	.0	2.1	3.7	.5	3.7
62	3.1	2.2	2.6	.2	.2	.0	.0	.0	.0	.0	1.1	.7	3.1
63	.7	.1	3.3	2.5	.1	.0	.0	.0	.5	.0	.0	5.2	5.2
64	.1	1.0	4.5	1.8	6.2	.0	.0	.0	.0	.0	1.0	.2	6.2
65	.5	.2	.7	.7	1.1	.0	.0	.0	.0	.0	.0	1.7	1.6
66	.4	1.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	2.4	2.4
67	.2	.2	3.3	2.0	.1	.0	.0	.0	.0	.0	.3	.1	3.3
68	3.1	.2	.2	.2	.2	.0	.0	.0	.0	.0	.1	3.5	3.5
69	3.3	2.3	.3	.2	.0	.0	.0	.0	.0	.0	.1	1.1	3.3
70	.2	.5	2.2	.1	.0	.0	.0	.0	.0	.0	.1	.2	2.2
71	4.7	2.3	1.5	.5	.2	.0	.0	.0		1.0	.0	3.4	
72	.2	.3	.1	1.0	.0	.3	.0	.0	.0	.0	.0	1.2	1.
73	4.2	3.5	.6	.2	.1	.0	.0	.0	.5	.2	.1	.7	4.2
74	.2	.2	1.2	.6	.2	.0	.0	.0	.0		.0	4.2	
75	.1	.8	.3	.9	.1	.0	.0	.0	.0	.0	.8	.1	.9
76	1.5	2.8	1.8	.6	.0	.0	.0	.0		.3	.0		
77	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0			
78		3.2	.0	.0	.1	.0	.0	.0	.0	.0	2.7	2.1	
79	1.3	2.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	.5
80		.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	
81	.2	.2	.5	.0	.2	.0	.0	.0	.0	.0	.1	.1	.2
82		2.2	1.2	.2	.3	.0	.2						
MEAN	1.13	1.04	1.12	.44	.32	.00	.00	.00	.00	.13	.55	1.17	2.25
S.D.	1.496	1.196	1.318	.729	1.206	.000	.000	.000	.000	.453	1.006	1.511	1.543
TOTAL OBS.	682	706	775	727	775	753	775	744	667	713	720	713	7773

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SNOWFALL
(FROM DAILY OBSERVATIONS)

[illegible] | FALLON, NV | 57-82
STATION | STATION NAME | YEARS

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

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]				• [illegible] 28									SNOWFALL DAYS
74										• [illegible] 30			SNOWFALL DAYS
6												• [illegible] [illegible]	SNOWFALL DAYS
77											• 5 29	2.[illegible] 30	SNOWFALL DAYS
78	• [illegible] 13												SNOWFALL DAYS
[illegible]	7.5 [illegible]												SNOWFALL DAYS
[illegible]	10.[illegible] [illegible]							• [illegible] [illegible]	1.6 25	• 5 26	1.[illegible] 26	• 5 26	SNOWFALL DAYS
MEAN													
S.D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

[illegible]	FALLON, NV	5[illegible]-8[illegible]
STATION	STATION NAME	YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
57											[illegible]	[illegible]	
58	[illegible]	0	1	[illegible]	[illegible]	0	0	0	[illegible]	0	1	[illegible]	1
59	0	2	0		0	0	0	0	0	[illegible]	0	[illegible]	
60	[illegible]	0	0	0	[illegible]	0	0	0	0	0	0	[illegible]	0
61	0	0	0	0	0	0	0	0	0	1	2	1	[illegible]
62	[illegible]		[illegible]	0	0	0	0	0	[illegible]	0	[illegible]	[illegible]	
63	1	0			0	0	0	0	0	[illegible]	0	[illegible]	
64	[illegible]	[illegible]	[illegible]	0	[illegible]	0	0	0	[illegible]	0	1	1	[illegible]
65	1	0	0	[illegible]	0	0	0	0	0	0	0	[illegible]	1
66	[illegible]	1	0	0	[illegible]	0	0	0	0	0	0	0	[illegible]
67	1	[illegible]	0	0	0	0	0	0	0	0	[illegible]	[illegible]	
68	[illegible]	2	[illegible]	0	[illegible]	0	0	[illegible]	0	0	0	[illegible]	[illegible]
69	7	[illegible]	1	0	0	0	0	0	[illegible]	0	[illegible]	1	[illegible]
70	[illegible]	[illegible]	1	[illegible]	[illegible]	0	[illegible]	0	[illegible]	0	0	[illegible]	1
71	5	1	1	0	0	0	0	0		0	0	[illegible]	
72	4	[illegible]	0	0	[illegible]	0	0	0	[illegible]	0	0		
73	[illegible]	1	0	0	0	0	0	0	0	0	[illegible]	[illegible]	[illegible]
74	1	[illegible]	1	0	0	0	0	0	0		[illegible]	[illegible]	
75	3	[illegible]	0	1	0	0	0	0	[illegible]	0	[illegible]		
76	[illegible]	2	[illegible]	0	0	[illegible]	0	0		[illegible]	[illegible]		
77	[illegible]	[illegible]	0	0	0	0	0	0	0	0	[illegible]		
78		7	0	0	0	0	0	0	[illegible]	0	3	[illegible]	
79	[illegible]	2	0	0	0	0	0	0	0	0	[illegible]	[illegible]	[illegible]
80		1	0	0	0	0	0	0	[illegible]	0	[illegible]	[illegible]	
81	[illegible]	[illegible]	[illegible]	0	0	0	0	0	0	0	[illegible]	[illegible]	1
82		2	1	0	0	0	0						
MEAN	1.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	[illegible]
S.D.	1.[illegible]	.944	1.1[illegible]3	.209	1.200	.000	.000	.000	.000	.209	.810	1.540	1.5[illegible]
TOTAL OBS.	6[illegible]2	67[illegible]	744	69[illegible]	775	75[illegible]	775	744	66[illegible]	713	75[illegible]	68[illegible]	864[illegible]

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

[illegible] STATION | FALLON, NV STATION NAME | 57-82 YEARS

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

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ALL MONTHS
[illegible]				28									SNO DPTH DAYS
[illegible]		27											SNO DPTH DAYS
[illegible]			30	29									SNO DPTH DAYS
72												30	SNO DPTH DAYS
74										31			SNO DPTH DAYS
76												30	SNO DPTH DAYS
77												30	SNO DPTH DAYS
[illegible]													SNO DPTH DAYS
[illegible]	3												SNO DPTH DAYS
[illegible]	28							[illegible]	26	26	26	26	SNO DPTH DAYS
MEAN													
S D													
TOTAL OBS													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

[illegible] / STATION — [illegible]ALLON, N / STATION NAME — 1[illegible]-1982 / YEARS

[illegible] / MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	[illegible]	6	1[illegible]71	2.3	58	1971
2	-	-	1[illegible]	-	T	1[illegible]7*
3	.[illegible]2	6	1973	2.	51	1[illegible]73
4	.[illegible]	1	1[illegible]	.1	3	1982
5	.[illegible]	25	1[illegible]	10.0	254	1[illegible]82
6	.[illegible]	2	1[illegible]	.6	15	1965
7	.[illegible]	3	1[illegible]	.3	*	1979
8	.[illegible]	5	1[illegible]	2.	51	1973
9	.[illegible]	5	1976	1.6	41	1976
10	.[illegible]	1	1973	.6	15	1973
11	.[illegible]	19	1[illegible]	7.5	191	198
12	.[illegible]	[illegible]	1962	3.	76	1962
13	.[illegible]	12	1971	4.7	119	1971
14	.11	3	1[illegible]	T	T	1982
15	.[illegible]	3	1973	.7	18	19[illegible]
16	.[illegible]	5	1[illegible]			
17	.2	[illegible]	196[illegible]	T	T	[illegible]
18	.[illegible]	[illegible]	1977	-	T	1[illegible]
19	.[illegible]	[illegible]	1[illegible]	.2	5	1[illegible]
20	.1	4	1[illegible]	1.2	3	1[illegible]
21	.[illegible]	13	1973	4.	102	1973
22	.1[illegible]	4	1977	.4	10	1965
23	.1	4	1[illegible]	-	T	1[illegible]
24	.[illegible]	[illegible]	1969	3.3	84	1969
25	.[illegible]	[illegible]	1969	.5	13	1[illegible]
26	.[illegible]	12	1969	.2	5	1[illegible]
27	.[illegible]	[illegible]	1[illegible]	-	T	1[illegible]
28	.[illegible]	2	1[illegible]	.9	23	1[illegible]
29	.[illegible]	[illegible]	1[illegible]	3.4	86	1[illegible]
30	.[illegible]	[illegible]	1968	3.5	89	1968
31	.1[illegible]	4	1[illegible]	.[illegible]	13	1[illegible]
Monthly	.[illegible]	25	1[illegible]	10.0	254	1[illegible]

[illegible] / MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.[illegible]	[illegible]	1943	-	T	1[illegible]
2	0.[illegible]	6	1961	2.0	51	1[illegible]
3	0.[illegible]	7	1958	-	T	1[illegible]
4	0.[illegible]	7	1976	2.[illegible]	71	1976
5	0.0[illegible]	1	1972	-	T	1[illegible]
6	0.1[illegible]	3	1976	1.6	41	1976
7	0.0[illegible]	2	1973	0.5	13	1976
8	0.[illegible]0	5	1982	2.0	51	1982
9	0.3[illegible]	9	1978	0.9	23	1976
10	0.7[illegible]	20	1962	1.4	36	1966
11	0.67	17	1973	3.5	89	1973
12	0.12	3	1968	0.4	10	1966
13	0.33	[illegible]	196[illegible]	3.0	76	1973
14	0.0[illegible]	2	1969	0.1	3	1[illegible]
15	0.2[illegible]	6	1969	0.4	10	1[illegible]
16	0.1[illegible]	4	1959	0.1	3	1[illegible]
17	0.10	3	1[illegible]	T	T	1961
18	0.2[illegible]	7	1962	1.9	48	1962
19	0.2[illegible]	7	1969	2.8	71	1969
20	0.[illegible]	2	1979*	0.7	18	1969
21	0.30	*	1980	0.7	18	1962
22	0.1[illegible]	4	1968	T	T	1971
23	0.0[illegible]	1	1969	0.7	18	1962
24	0.1[illegible]	4	1969	1.6	41	1969
25	0.[illegible]	6	1962	2.2	56	1962
26	0.09	2	1969	0.9	23	1969
27	0.12	3	1971	1.2	30	1971
28	0.2[illegible]	6	1971	2.5	64	1971
29	-	T	1976			
30						
31						
Monthly	0.7[illegible]	20	1962	3.5	89	1973

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

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

[illegible] STATION | FALLON, NV STATION NAME | 1951-1982 YEARS

MARCH MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.72	6	1979	0.1	3	1977
2	0.74	9	1961	1.0	25	1961
3	0.33		1967	3.3	84	1967
4	0.72	6	1979	2.2	56	1977
5	0.7	9	1975	0.3	8	1979
6	0.3	7	1962	1.4	36	1958
7	.11	3	1975	0.5	13	1963
8	0.20	5	1968	T	T	1977
9	0.27	7	1978	2.6	66	1962
10	.08	2	1978	0.6	15	1969
11	.72	6	1982	0.8	20	1977
12	.72	6	1967*	0.6	15	1971
13	.4	10	1981	0.5	13	1981*
14	.08	2	1982	T	T	1963
15	.5	13	1979	T	T	1979*
16	.19	5	1967	0.5	13	1958
17	.4	10	1963	3.8	97	1963
18	.08	2	1982	0.8	20	1982
19	.04	1	1981	T	T	1982
20	.19	4	1977	.03	8	1973
21	.12	3	1979	T	T	1981*
22	.33	8	1964*	3.3	84	1964
23	.4	12	1964	4.8	122	1964
24	.27	2	1979*	0.7	18	1965
25	.08	2	1971	T	T	1979*
26	.08	1	1981*	T	T	1981
27	.19	5	1976	1.8	46	1977
28	.6	16	1979	.01	3	1973
29	.19	5	1979	T	T	1981
30	.08	1	1973	T	T	1977
31	.11	13	1979	1.2	3	1982
Monthly	.72	16	1979	4.8	122	1964

APRIL MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	.54	21	1968	1.2	3	1967*
2	0.04	1	1967	.04	10	1967
3	.24	7	1958	.06	15	1974
4	0.30	8	1967			
5	0.19	5	1964	1.8	46	1964
6	0.08	2	1965	0.1	3	1975
7	0.20	5	1971	0.6	15	1975
8	0.22	6	1978*	T	T	1977
9	0.07	1	1965	T	T	1979
10	T	T	1982	T	T	1965
11	0.47	12	1965	1.	25	1967
12	0.10	3	1972	1.	25	1972
13	0.08	2	1973	T	T	1978*
14	0.12	3	1973	T	T	1970
15	0.08	2	1976	0.6	15	1976
16	0.22	6	1963	2.2	56	1963
17	0.16	4	1966	0.1	3	1963
18	0.32	8	1981	0.4	10	1967
19	0.27	7	1974	2.6	66	1963
20	0.14	4	1963	1.4	36	1963
21	0.19	5	1965	T	T	1982*
22	0.14	4	1964	1.4	36	1964
23	0.19	5	1958	T	T	1979
24	0.30	8	1967	2.0	51	1967
25	0.13	13	1978	0.1	3	1975
26	0.49	12	1979	T	T	1975
27	0.03	1	1979	T	T	1979*
28	0.01	1	1965	T	T	1979
29		T	1979	T	T	1967
30	0.07	2	1979	T	T	1967
31						
Monthly	0.49	21	1968	2.6	66	1963

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

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

STATION | STATION NAME | YEARS

MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1		10	1977	0.[illegible]	27	1964
2	[illegible]	T	[illegible]	[illegible]	T	1965*
3	.4	11	1971			
4	[illegible]	2	1969	0.1	3	1975
5	[illegible]	16	1964	6.0	152	1964
6	[illegible].1	5	1971	[illegible]	T	1977
7	[illegible]	[illegible]	1980	[illegible]	T	1979*
8	[illegible]	6	1977	[illegible]	T	1979
9	[illegible].73	[illegible]	1977	[illegible]	T	1982*
10	.1	5	1983	0.3	[illegible]	1982
11	[illegible].70	[illegible]	1959			
12	[illegible]	[illegible]	1979	[illegible]	T	1961
13	[illegible].1	4	1962			
14	[illegible].71	18	1962	[illegible]	T	1962
15	[illegible].1	4	1962			
16	[illegible].1[illegible]	3	1961			
17	[illegible]	[illegible]	1962	[illegible]	T	1977
18	.11	3	1979			
19	[illegible].1	3	1981*			
20	[illegible]	6	1961	[illegible]	T	1975
21	[illegible]	7	1971	[illegible]	T	1971
22	[illegible]	22	1965			
23	[illegible]	1	1967*	[illegible]	T	1978
24	[illegible].20	5	1967			
25	[illegible].1[illegible]	5	1964			
26	[illegible].4	14	1964			
27	[illegible].34	9	1971			
28	[illegible].0[illegible]	2	1962			
29	[illegible].1[illegible]	4	1981			
30	.1	4	1980			
31	[illegible]		1961	[illegible]	T	1967
Monthly	[illegible]	22	1965	6.3	152	1964

J
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	[illegible]	13	1961			
2	[illegible].09	2	1972			
3	[illegible].20	5	1967			
4	[illegible].12	3	1971			
5	[illegible]	13	1967			
6	.1	5	1972			
7	[illegible].3[illegible]	13	1967			
8	[illegible].4	14	1964			
9	1.4[illegible]	37	1977			
10	[illegible].5	17	1976			
11	[illegible].53	13	1958			
12	[illegible].53	13	1958			
13	[illegible].1[illegible]	4	1958			
14	[illegible].57	14	1962			
15	[illegible].0[illegible]	2	1962			
16	[illegible].2[illegible]	6	1969*			
17	[illegible].1[illegible]	5	1965	T	T	1979
18	[illegible].4[illegible]	11	1975			
19	[illegible].2	23	1982			
20	[illegible].08	2	1969			
21	[illegible].04	1	1976			
22	[illegible].02	1	1982*			
23	[illegible].01		1969			
24	[illegible].0[illegible]	2	1982			
25	[illegible].0[illegible]	2	1965			
26	[illegible].0[illegible]	1	1971			
27	[illegible].7	25	1977			
28	[illegible].2	21	1982			
29	1.[illegible]	27	1982			
30	[illegible].0[illegible]	2	1982			
31						
Monthly	1.4[illegible]	37	1977	T	T	1979

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

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

[illegible] STATION | [illegible] STATION NAME | 1 [illegible]-1992 YEARS

JULY MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	.1	5	19[illegible]			
2	.[illegible]	1	19[illegible]			
3	.[illegible]	1	1961			
4	.[illegible]	2	1961			
5	.1	5	197			
6	[illegible]	[illegible]	19[illegible]			
7	[illegible]	[illegible]	19[illegible]*			
8	.[illegible]	1	19[illegible]			
9	.1[illegible]	2	1974			
10	.33	[illegible]	197[illegible]			
11	.[illegible]	1	1964			
12	.4[illegible]	12	19[illegible]			
13	.[illegible]	5	19[illegible]			
14	[illegible]	[illegible]	19[illegible]			
15	.[illegible]	1	1967			
16	.[illegible]	12	1967			
17	.[illegible]	7	19[illegible]			
18	.11	3	197[illegible]			
19	.1[illegible]	5	1971			
20	.[illegible]1	5	1971			
21	.[illegible]	1	1979			
22	.[illegible]	1	197[illegible]*			
23	.[illegible]	1[illegible]	1976			
24	.[illegible]	[illegible]	1976			
25	.11	3	19[illegible]			
26	[illegible]	[illegible]	19[illegible]			
27	.[illegible]	1	19[illegible]			
28	.[illegible]1	[illegible]	19[illegible]			
29	.[illegible]	1	19[illegible]			
30	.2	6	1965			
31	.[illegible]	[illegible]	1976			
Monthly	.[illegible]	12	1967			

AUGUST MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.27	7	1974			
2	0.02	1	1974			
3	0.0[illegible]	1	1976			
4	0.02	1	1977			
5	0.0[illegible]	1	1974			
6	0.[illegible]5	14	1961			
7	0.[illegible]	2	1961			
8	0.07	2	1961			
9	0.0[illegible]	1	1963			
10	0.12	3	1961			
11	0.10	3	197[illegible]			
12	0.1[illegible]	5	197[illegible]			
13	0.[illegible]	1[illegible]	1968			
14	0.1	4	1965			
15	0.0[illegible]	2	1974			
16	0.10	[illegible]	1965			
17	0.5[illegible]	[illegible]4	1965			
18	0.1[illegible]	4	1976			
19	1.[illegible]5	44	1950			
20	0.11	3	197[illegible]			
21	0.1[illegible]	4	1961			
22	0.1[illegible]	3	1976			
23	0.01	[illegible]	19[illegible]			
24	0.1[illegible]	3	1967			
25	0.07	2	1961			
26	0.1[illegible]	4	1971			
27	0.0[illegible]	1	1979			
28	0.0[illegible]	1	197[illegible]			
29	0.33	[illegible]	1979			
30	0.02	1	197[illegible]			
31	0.1[illegible]	4	1964			
Monthly	1.[illegible]5	44	1950			

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

DIRNAVOCEANMET–SMOS

3

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

STATION | STATION NAME | YEARS

MONTH

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

MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.	19				
2	.1	21	1976			
3	.3		1974			
4		2	1974			
5	.01					
6	T	T				
7	.00	5				
8	.27	7	1974			
9	.10	3				
10	.24	6	1981			
11	.37	9	1967			
12	.10	3		T	T	
13	.11	5				
14	.03	1	1969			
15	.12	6	1969			
16	.30		1971	T	T	
17	.40	10	1971			
18	.17	4	1969			
19	.4	13	1972			
20	.40	10	1972			
21		T				
22	.01					
23	.07	1	1973			
24	.27	2	1971			
25	.11	3				
26	.1	5				
27	.20	5		2.		
28	.17	3	1974		T	
29	.28	7	1974			
30	0.	14	1962	.1	3	
31	.17	4	1974	T		
Monthly	0.	21	1976	2.0	51	

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

DIRNAVOCEANMET–SMOS

3

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

STATION | STATION NAME | YEARS

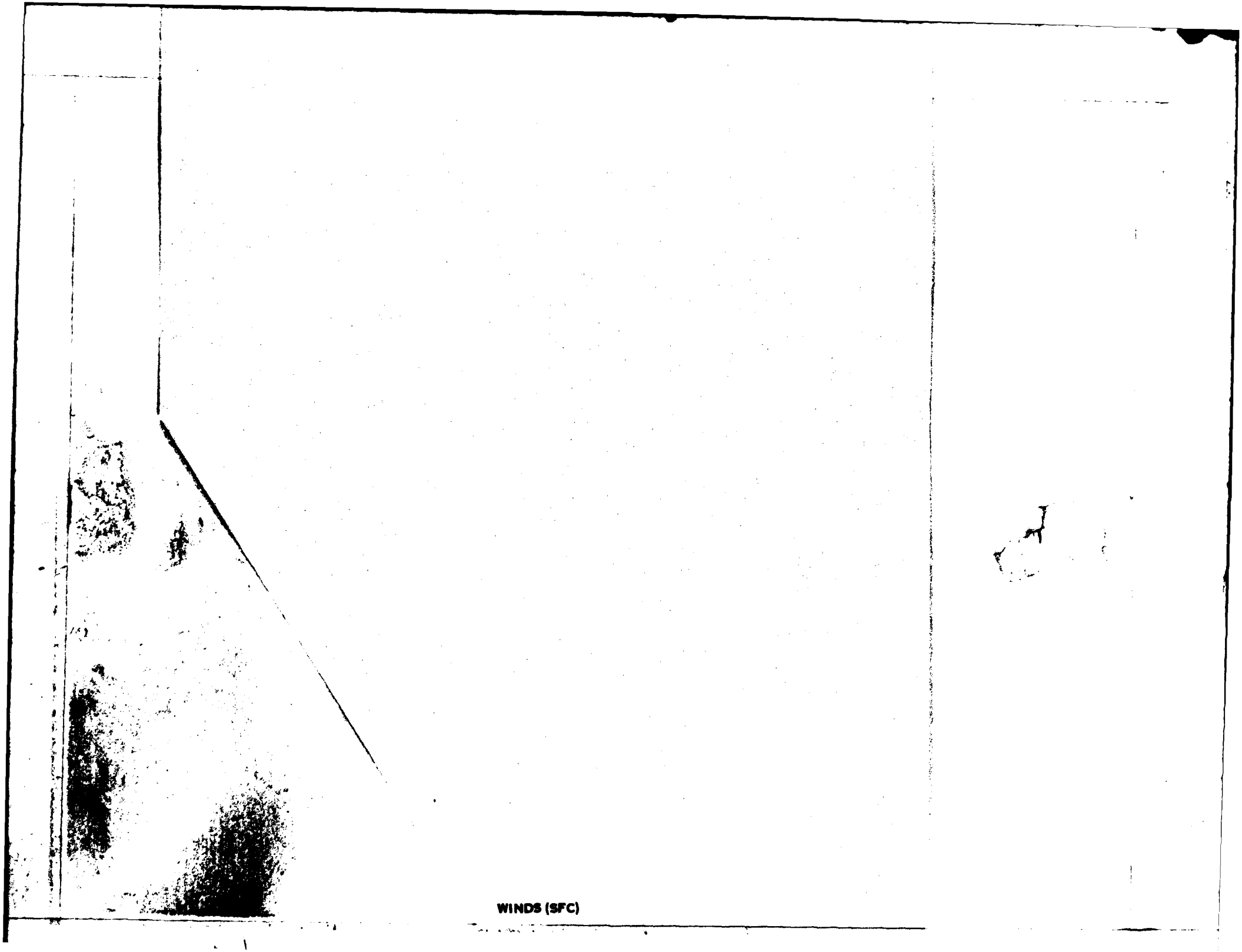
MONTH | MONTH

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

MONTH | MONTH

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

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


WINDS (SFC)

Arch, Federal Building
Asheville, N. C.

PART C SURFACE WINDS

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

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

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

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

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

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

      (1) Annual - all hours combined

      (2) By month - all hours combined

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

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

C

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

S[illegible]FACE WI[illegible]S
(FROM DAILY OBSERVATIONS)

STATION	STATION NAME	YEARS
[illegible]	[illegible]	5[illegible]-8[illegible]

DA[illegible]L[illegible] [illegible]EAK GUSTS IN KN[illegible]TS

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]											[illegible] 1	SSW 4[illegible]	
[illegible]	[illegible] 33	SSW 46	SS[illegible] 50	[illegible] 46	SW 44	SW 34	WNW 32	SSE 34	ENE 31	WNW 37	W 4[illegible]	SSW 2[illegible]	SW [illegible]
[illegible]	[illegible] 32	SSE 37	WSW 43	NW 35	WSW 47	SE 42	SSW 44	WSW 31	SSW 36	NNE 26	W 35	W 4[illegible]	WSW 47
	[illegible] 2[illegible]	WSW 48	W[illegible] 4[illegible]	SSE 33	WSW 37	WNW 40	WSW 33	W 33	SSW 36	N [illegible]	WSW 3[illegible]	SSE 3[illegible]	WSW 46
[illegible]	[illegible] 37	WNW 3[illegible]	W 41	S[illegible] 42	WNW 42	WSW 47	SW 32	N 4[illegible]	WSW 31	W 46	WSW 34	W 4[illegible]	[illegible]
[illegible]	SSW 46	SW 29	NNW 43	W 5[illegible]	WNW 4[illegible]	WNW 31	WNW 31	NW 33	SSW 46	SSW 42	W 29	SSE [illegible]	W [illegible]
[illegible]	[illegible] 2[illegible]	S[illegible] 2[illegible]	SW 43	S[illegible] 42	WSW 35	SE 40	W 35	SW [illegible]2	WSW 43	WNW 42	SS[illegible] 39	W [illegible]	[illegible]
4	SS[illegible] 43	N 3[illegible]	W 3[illegible]	S 40	W 40	SW 38	SW 32	SW 38	NE 31	WNW 27	WSW 33	W 4[illegible]	SSW 43
5	S 44	W 35	[illegible] 32	WSW 37	W 36	SE 27	SE 35	SSE 46	NW 29	W 34	SE 28	S 4[illegible]	SSE 4[illegible]
6	[illegible] 3[illegible]	N 40	W 44	W 35	SSE 36	W 29	SW 37	S[illegible] 38	NE 29	W 33	SW 40	SSW 3[illegible]	W [illegible]4
[illegible]7	[illegible] 36	SW 36	W 3[illegible]	WSW 39	SW 42	N 38	SW 39	WNW 33	SE 37	W 40	W 38	S[illegible] [illegible]	[illegible]
[illegible]	[illegible] 37	W 33	S 43	N[illegible] 31	W 29	N 39	E 41	SW 41	NW 31	SW 35	W 40	SSW 3[illegible]	SW 43
[illegible]	44	S 33	W 37	W[illegible]W 39	N 29	W 35	S[illegible] 34	SSE 37	NW 29	W 34	[illegible] 34	SW 3[illegible]	S [illegible]4
[illegible]	[illegible] 41	SW 37	N[illegible] 3[illegible]	S 41	W 32	N 38	N 42	SE 22	NE 35	W 27	SW 34	SW 34	NW 4[illegible]
[illegible]1	31	32 43	23 46	27 38	35 39	27 33	32 41			34 34		19 4[illegible]	
[illegible]	2[illegible] 35	25 3[illegible]	26 37	24 39		[illegible]1 42	3[illegible] 29	12 29	35 31	34 4[illegible]	33 23	27 33	
[illegible]3	1[illegible] 37	21 29	27 33	33 34	25 4[illegible]	30 31	12 35	24 38	[illegible]1 32	22 35	2[illegible] 36	21 5[illegible]	21 [illegible]
[illegible]4	19 37	21 49	12 40	20 45	27 34	16 40	21 41	36 38	36 25	12 26	19 31	29 31	21 4[illegible]
[illegible]5	27 3[illegible]	[illegible] 37	28 41	20 41	28 39	24 44	30 36	28 37	11 3[illegible]	27 31		34 37	
[illegible]6	2[illegible] 29	21 47	25 41	3[illegible] 40	29 32	23 23	12 32	29 31		11 29	35 27	32 22	
[illegible]7	2[illegible] 32	3[illegible] 39	27 45	3[illegible] 35	29 36	22 35	15 33	16 30		27 31		26 3[illegible]	
7	1[illegible] 36	21 35	27 31	25 33			24 47	20 39		01 25		35 3	
[illegible]	2[illegible] 39	22 39	23 34			22 39	24 28	11 35	27 [illegible]6		24 39	16 37	
[illegible]0	24 35	24 33		26 37		27 34	26 30	32 35	24 29	21 32		[illegible]2 31	
1	1[illegible] 32			29 31			27 40	27 42	13 39	23 33	18 39	21 47	
2	2[illegible] 44	25 36	26 49	2[illegible] 56	01 38	21 42	14 28						
MEAN	3[illegible].6	37.3	40.4	39.1	37.4	36.[illegible]	3[illegible].5	35.4	32.[illegible]	33.4	34.2	36.[illegible]	45.[illegible]
S D.	[illegible].364	5.803	[illegible].203	6.195	4.[illegible]49	5.[illegible]69	5.173	5.719	5.324	5.71[illegible]	6.[illegible]2[illegible]	6.557	3.634
TOTAL OBS	[illegible]71	6[illegible]4	73[illegible]	718	619	690	[illegible]71	[illegible]1[illegible]	595	7[illegible]	[illegible]96	765	[illegible]23

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

[illegible] STATION | [illegible] STATION NAME | 57-82 YEARS

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

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]								1[illegible] 35 [illegible]			[illegible] 4[illegible] 1[illegible]		[illegible] DAYS
[illegible]					33 46 27								[illegible] DAYS
[illegible]											31 31 [illegible]		[illegible] DAYS
7[illegible]									2[illegible] 2[illegible] [illegible]		24 42 15		[illegible] DAYS
7[illegible]					24 4[illegible] 1[illegible]	15 2[illegible] [illegible]			32 36 1[illegible]		01 30 23		[illegible] DAYS
[illegible]				[illegible] 33 22	22 41 27					[illegible]7 35 22			[illegible] DAYS
[illegible]			3[illegible] 3[illegible] [illegible]7		24 36 2[illegible]						24 33 1[illegible]		[illegible] DAYS
[illegible]					[illegible] 37 [illegible]6	29 43 23							[illegible] DAYS
[illegible]								1[illegible] 34 [illegible]4	36 35 26	24 32 22	27 36 4	2[illegible] 44 2[illegible]	[illegible] DAYS
MEAN													
S D													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] (STATION) | [illegible], NC (STATION NAME) | 73 (YEARS) | JAN (MONTH)

ALL WEATHER (CLASS) | 01 (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		100.0										100.0	4.0
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												.0	
		100.0										100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 1

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] DALLAS, NV — 77 — JAN

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — CLASS

04 — HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 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		50.0										50.0	5.0
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW	50.0											50.0	2.0
W													
WNW													
NW													
NNW													
VARBL													
CALM												.0	
	50.0	50.0										100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 2

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	FALLON, NV	73-82	JAN

CLASS: ALL WEATHER

HOURS (LST): 07

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.0	.7									3.0	6.8
NNE	.3	.3										.7	4.5
NE	1.7	.7	.7									2.3	7.9
ENE	.7	.3	.3									1.0	4.7
E	2.7		.7									3.3	2.3
ESE	2.0	1.3										3.3	3.3
SE	2.3	.7	.7	.3								3.7	4.6
SSE	3.3	1.3	1.3	2.0	.7							8.3	7.5
S	4.7	1.7	1.7	1.3								8.6	5.4
SSW	1.7	.7	.3	.3								4.0	3.6
SW	2.3	.7		.7								3.3	4.9
WSW	1.7	.3										2.7	2.3
W	2.3	1.7		.3								4.3	3.8
WNW			.3									.3	9.0
NW	1.3	2.3		.3								3.7	4.8
NNW	1.7	1.3		.3								3.0	4.3
VARBL													
CALM												45.-	
	32.6	14.2	5.[illegible]	5.6	.7							100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 301

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	FALLON, NV	73-82	JAN

CLASS: ALL WEATHER

HOURS (L S T): 10

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.3	3.0	1.0	.3	.7							7.9	5.1
NNE	2.6	1.0	.3	.3								4.3	4.0
NE	1.3	.3										1.6	2.6
ENE	2.3	.7										3.0	2.9
E	2.0		.3	.3								2.6	4.3
ESE	1.3	.7										2.0	3.3
SE	3.6	2.3	1.3	.7								7.6	4.6
SSE	4.9	3.6	1.0	1.3	.3	.3						11.2	5.3
S	3.3	3.0	3.0	1.3	.7							10.2	6.9
SSW	2.0	1.3	.7	.7								3.9	4.8
SW	1.3	.3		.3								2.0	4.5
WSW	.3	.7										1.0	4.0
W	1.3	1.0	.7	.3								3.3	5.2
WNW	.7	.3	.3									1.3	4.5
NW	1.0	.3	.7	.3								2.3	5.1
NNW	1.3	1.6	.3	.7								3.9	6.0
VARBL													
CALM												31.9	
	32.4	19.7	8.2	5.9	1.3	.7						100.0	3.5

TOTAL NUMBER OF OBSERVATIONS: 304

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] FALLON, NV 73-82 JAN
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS

13
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	6.2	3.6	.7	1.0	.7							12.2	5.0
NNE	2.9	2.3	.7									6.0	3.7
NE	3.3	3.0	.7									7.0	3.8
ENE	2.3	1.6	.3									4.3	4.0
E	1.0	.7	.3	.3								2.6	4.3
ESE	1.3	1.3		.3								2.6	5.1
SE	.7	1.6	.7	.7	.7							3.6	8.6
SSE	1.3	1.3	.7	.7		.3						3.9	7.2
S	2.3	3.0	2.3	1.3	.3	.3						9.6	7.2
SSW	1.0	.3	1.0	.3	.3							3.0	7.8
SW	1.6	.3	.3	.7								2.3	6.1
WSW	.7	.7		.3								1.6	5.4
W	.7	.7	1.3	.7								3.0	7.3
WNW	1.3	.7	.7	1.0								3.7	7.3
NW	2.3	1.0		.3	.3							3.9	5.5
NNW	3.3	1.3	1.0	.7								6.2	4.6
VARBL													
CALM												23.7	
	32.4	22.7	9.9	8.2	2.3	.7						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 304

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] FALLON, NV [illegible] JAN
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS

16
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	7.9	[illegible]	1.0								17.[illegible]	5.1
NNE	[illegible]	6.3	2.0									14.5	4.6
NE	[illegible]	5.6	[illegible]									10.5	4.9
ENE	1.7	2.3	1.0									5.0	4.5
E	[illegible]	.3	.7									3.0	4.0
ESE	.7	1.0	1.0									2.6	5.5
SE		2.3		.3	.3							3.0	7.9
SSE	1.0	1.0	1.3	.3	.3							4.0	7.6
S	1.3	1.3	[illegible]	.3								5.3	6.1
SSW	.3		.7	.3								1.[illegible]	[illegible].5
SW	.7	.7		.7	.3							[illegible].3	[illegible].7
WSW	.7											.7	2.5
W	.7	.7	.7	1.0	.7							[illegible].5	[illegible].4
WNW	1.3	.7	.3									[illegible].3	4.5
NW	.3	1.7	1.3									[illegible].3	5.9
NNW	[illegible].6	[illegible].3	1.3	.7	.3							6.9	5.8
VARBL													
CALM												14.[illegible]	
	[illegible].4	[illegible].7	19.1	4.6	2.0							100.[illegible]	4.8

TOTAL NUMBER OF OBSERVATIONS 303

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION [illegible] STATION NAME FALLON, NV YEARS 73-82 MONTH JAN

CLASS ALL WEATHER HOURS (L S T) 19

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	1.2	.3	.7								11.1	3.2
NNE	5.1	1.7										7.7	2.6
NE	4.7	.7										7.4	2.5
ENE	1.7	1.3										3.3	3.1
E	1.7	.7		.3								2.4	2.7
ESE	.7	.3	.7									1.7	5.2
SE	1.3	1.7	.7		.3							3.7	6.2
SSE	.3	2.4	.3	1.0	.3							4.4	7.7
S	1.7	2.4	.7	.3								5.1	5.3
SSW	[illegible]	.7	.7									3.4	3.8
SW	2.4	.3										2.7	2.9
WSW	1.3	.7										1.7	2.8
W	1.3	.7	.7									2.4	4.4
WNW	1.3	1.0										2.4	4.3
NW	1.3	.3	1.0	.3								3.0	5.9
NNW	2.4	1.3	1.7									4.7	4.6
VARBL													
CALM												33.3	
	[illegible]	16.3	6.4	2.7	.7							100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 297

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION: [illegible] | STATION NAME: [illegible], NC | YEARS: 73-75,80-82 | MONTH: JAN

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.1	.4									4.2	4.7
NNE	2.1	.8										3.0	7.3
NE	2.1											2.1	5.4
ENE	.4											.4	2.5
E	2.1	.4										2.6	7.1
ESE	.6	1.3	.4									2.6	4.3
SE	2.3	.6		.4								3.4	4.1
SSE	4.3	1.7	1.7	.4								8.2	4.5
S	6.9	3.6	.4	.9	.9							12.4	5.0
SSW	3.4	.9										4.3	2.7
SW	1.5		.4									1.9	3.5
WSW		1.1										1.7	4.3
W	1.7	.4	.4									2.6	3.5
WNW	.4	.4	.4									1.3	5.7
NW	.9	.4		.9								2.1	7.2
NNW	4.3	2.6	1.7									8.7	4.3
VARBL													
CALM												18.1	
	36.1	16.7	5.6	2.6	.9							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS: 233

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH JAN

CLASS ALL WEATHER

CONDITION _____

HOURS (LST) ALL

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.6	3.7	1.1	.5	.2							9.6	4.7
NNE	2.4	2.1	.7	.1								5.3	3.5
NE	2.3	2.5	.5									5.3	3.6
ENE	1.5	1.1	.3									2.9	3.3
E	1.3	.5	.3	.2								2.3	3.5
ESE	1.1	1.0	.3	.1								2.5	4.4
SE	1.4	1.4	.5	.4	.2							4.3	5.5
SSE	2.2	1.6	1.2	.9	.3	.1						6.3	6.4
S	3.3	2.4	1.3	.9	.3	.1						8.4	6.1
SSW	1.3	.6	.5	.2	.1							2.3	4.8
SW	1.4	.8	.1	.4	.1							2.6	5.1
WSW	.6	.6		.1								1.3	3.7
W	1.7	.6	.5	.4	.1							3.3	5.2
WNW	.7	.3	.2	.2								1.4	5.5
NW	1.1	1.0	.4	.2	.1							2.8	5.3
NNW	2.5	1.9	.9	.4	.1							5.8	5.1
VARBL													
CALM												20.7	
	32.7	25.9	9.2	5.0	1.3	.2						100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 1346

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS 74 MONTH _____

CLASS ALL WEATHER HOURS (L S T) _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS 1

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | FAYETTEVILLE, NC | STATION NAME | 1973-77 | YEARS | DEC | MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4		1.1	.4								1.9	5.4
NNE	.7	.7	.4	.4								1.2	6.0
NE		.4										.4	5.0
ENE	1.1		.7									1.8	4.6
E	1.5	1.1			.4							3.0	5.0
ESE	1.4	.4	.4									2.1	3.5
SE	1.8	2.4	1.1	.7								6.0	5.6
SSE	2.5	3.0	1.5	1.4		.4						11.3	6.8
S	3.0	7.2	7.5	3.5								17.4	5.0
SSW	2.5	1.1	1.5		.4							5.7	5.4
SW	1.1	.7		.4								2.1	5.5
WSW	.4	.4	.4	.4		.4						1.9	9.2
W		1.1		1.4								2.5	9.0
WNW	1.1		.4	.4								1.8	5.6
NW	1.5	2.1	1.9									5.7	5.3
NNW	2.1	2.5	1.1	.4								6.0	5.5
VARBL													
CALM												28.0	
	25.2	31.7	17.5	4.2	.7	.7						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 282

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS 73-82 MONTH FEB

CLASS ALL WEATHER HOURS (L S T) 17

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.5	2.8	2.1	1.4								8.7	6.2
NNE	1.4	2.1										3.5	3.9
NE	1.1	2.5	.7									4.3	4.7
ENE	1.1	1.4		.4								2.9	4.1
E	2.2	2.1	.4									5.7	3.3
ESE	2.5	2.1	1.1	.7								6.7	5.1
SE	1.8	2.5	1.4	.4								6.2	5.4
SSE	1.1	2.1	2.1	.4	.4							6.2	7.1
S	2.2	2.5	2.5	1.8	.7			.4				11.2	7.9
SSW	1.1	.4	1.4	.7	1.1	.7						5.3	11.8
SW		1.1	.4	1.4								2.5	9.5
WSW	.7	.7	.4	.7	.4							2.2	9.0
W	1.1	1.4	.7	1.8	.7							5.7	7.3
WNW	.7	.4	1.1	.7								2.9	8.2
NW	1.4	1.1		.7								3.2	5.6
NNW	.7	2.1	1.1	.7								5.7	6.4
VARBL													
CALM												16.7	
	23.0	28.4	15.1	11.7	3.2	.7		.4				100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 292

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] / BELLOW, NV / 73-77 / FEB

STATION / STATION NAME / YEARS / MONTH

ALL WEATHER

CLASS

16

HOURS (L S T

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.1	5.3	3.4	.7								11.6	5.7
NNE	3.5	9.2	5.1	.7								17.4	5.9
NE	2.5	4.2	.4									7.1	4.4
ENE	.1	4.5	.4									5.0	4.1
E	1.8	.7	.4									2.8	3.4
ESE	1.1	.7	1.8	1.4								5.0	7.6
SE	1.4		1.4									2.8	5.0
SSE	1.1	.4	1.4	.4								3.2	6.6
S	.4	.7	1.8		.4							3.2	8.0
SSW	2.2	.4	.4	1.8		.7	.4					5.7	10.9
SW			1.1	1.1	1.1	.4						3.5	14.5
WSW	.7	.7	1.1	.4	.7							3.5	9.0
W	1.4	1.1	3.5	2.5	.7							10.2	9.7
WNW	.4	.4	.7	1.1		.4						3.2	11.4
NW		1.1		.7								1.8	9.8
NNW	1.1	1.1	.7	1.4	.4							4.5	8.7
VARBL													
CALM												10.5	
	20.2	29.4	22.7	13.1	3.2	1.4	.4					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 282

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] FALLON, NV 73-82 FEB
STATION STATION NAME YEARS MONTH

ALL WEATHER 19
CLASS HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	2.3	.7	.4	.4							5.2	4.4
NNE	3.5	4.3	.4									15.1	7.2
NE	5.3	2.6	.4									6.7	3.8
ENE	4.6	1.1										5.7	2.6
E	.7	3.1	.7									3.5	4.6
ESE	1.8	1.4	1.4									4.5	5.1
SE	.7	1.1	1.1	.4								3.2	6.3
SSE	1.1	2.1	.7	.4								4.3	5.4
S	1.1	2.1	.7	.7	.4							5.0	7.2
SSW	1.1	1.8	1.1									3.9	5.7
SW			1.1	.7								1.8	11.3
WSW	.4	.7	.4	.4								1.8	7.4
W	1.1	2.1	2.6	1.1	.4							7.1	7.5
WNW	1.4	1.1	.4	.7								3.5	6.2
NW	.7	2.5		.4								3.6	5.5
NNW	1.4	2.6	1.1									5.1	4.7
VARBL													
CALM												17.7	
	33.7	30.1	12.4	5.0	1.1							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 232

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] (STATION) | FALLON, NV (STATION NAME) | 73-74,80-92 (YEARS) | FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	1.2		.8								4.4	4.5
NNE	1.2	.4		.4								2.0	5.2
NE	.8	1.6										2.4	4.2
ENE	.4	.4										.8	3.0
E	1.2	.8										2.0	3.0
ESE	2.0	1.2	.4									3.6	3.4
SE	2.4	3.0	1.6									7.0	4.8
SSE	3.1	2.0	1.6	.4								9.1	4.3
S	3.6	2.4	1.6	1.6	.4							9.6	6.0
SSW	1.6	.4	.4									2.4	3.7
SW	1.2	.8	.4		.4							2.8	5.9
WSW	1.2	.4	.8	.4								3.2	5.4
W	3.2	1.2	.8	.4								5.6	4.1
WNW	2.0	1.6	1.2	.4								5.1	5.1
NW	.8	2.4		.4								3.6	5.3
NNW	.8	.8	.8	.4								2.8	6.3
VARBL													
CALM												33.6	
	32.8	20.9	9.5	5.1	.8							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 253

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] FALLS, NY 73-82 FEB

STATION STATION NAME YEARS MONTH

ALL WEATHER ALL

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	2.5	2.5	1.2	.6	.1							6.4	5.4
NNE	2.6	2.3	1.0	.2								6.7	4.6
NE	1.4	1.2	.2									3.6	4.1
ENE	1.6	1.0	.2	.1								2.8	3.6
E	1.3	1.2	.2		.1							3.4	3.7
ESE	1.7	1.2	.3	.4								4.2	5.2
SE	1.9	1.3	1.4	.3								5.1	5.2
SSE	2.7	2.1	1.9	.5	.1	.1						7.6	5.5
S	3.4	3.1	1.8	1.1	.3			.1				9.7	6.1
SSW	1.7	.9	.3	.6	.2	.2	.1					4.6	7.7
SW	.8	.4	.8	.6	.2	.1						2.3	9.3
WSW	.6	.5	.5	.4	.2	.1						2.6	7.5
W	1.2	1.1	1.3	1.4	.3							5.6	7.8
WNW	1.2	.7	.6	.5		.1						2.9	6.8
NW	.8	1.2	.4	.4								3.1	5.8
NNW	1.2	1.7	1.1	.5	.1							4.6	6.2
VARBL													
CALM												24.5	
	27.5	24.2	14.2	7.6	1.5	.5	.1	.1				100.1	4.4

TOTAL NUMBER OF OBSERVATIONS 1664

SMOS

*U.S. GPO 1984 /41 348 201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] STATION | [illegible] STATION NAME | 70 YEARS | MAR MONTH

ALL WEATHER CLASS | 04 HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 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	16.7											16.7	1.0
NE													
ENE													
E													
ESE													
SE	16.7											16.7	3.0
SSE													
S													
SSW	16.7											16.7	1.0
SW													
WSW													
W		16.7										16.7	4.0
WNW													
NW													
NNW	16.7											16.7	3.0
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	16.7	
	66.7	16.7										100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 6

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] (STATION) FALLON, NV (STATION NAME) 73-5 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 07 (HOURS (L S T)

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	1.6	.3									3.6	4.3
NNE	.3		.7	.3	.3							1.3	11.3
NE	.6	.3										1.2	3.0
ENE	.6	.3										1.0	2.7
E	1.3	.6										1.9	3.2
ESE	1.0	1.3										2.9	3.1
SE	1.6	2.6	.6									4.8	4.3
SSE	5.5	4.2	1.3	.6								11.6	4.2
S	5.5	.6	.6									7.7	2.8
SSW	1.6	1.3	.3	.3	.3							3.9	5.3
SW	1.3	.7	.3	.6								2.6	5.9
WSW	1.3	.3	.6	.6								2.9	6.0
W	2.9	1.6	1.7									6.1	4.4
WNW	1.6	.6		.3								1.9	4.5
NW	1.3	2.9	2.7									7.1	5.1
NNW	.7	1.3	2.3	.6								4.5	8.0
VARBL													
CALM												35.5	
	29.7	20.3	16.3	3.5	.6							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION: [illegible] | STATION NAME: FALLON, NV | YEARS: 73-82 | MONTH: MAY

CLASS: ALL WEATHER | HOURS (LST): 10

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.2	1.6	1.7	1.3	.3							7.7	6.3
NNE	1.6	1.9	1.6	.6								5.7	6.3
NE		.7		.3								.6	7.5
ENE	1.9	.3										1.7	7.3
E	2.3	.6										2.9	2.6
ESE	1.3	.3		1.3								2.6	6.6
SE	3.7	1.7	.6									4.0	4.3
SSE	1.3	2.6	2.3	.6								6.4	6.7
S	3.9	3.9	3.9	1.6		.3						12.6	7.3
SSW	1.7	1.9		.7	1.3							5.9	9.4
SW	1.3	1.3	.3	.6	.6							3.9	9.7
WSW	1.3		1.3	.7	.7							2.9	9.2
W	3.9	1.3	1.3	1.3								6.9	4.2
WNW	1.6	1.3	1.7	.6	.3							4.5	6.6
NW	1.6	1.3	1.6	1.3	.3							5.7	7.9
NNW	.6	1.3	2.3	1.3	.3							6.5	8.3
VARBL													
CALM												19.7	
	27.5	25.4	19.3	11.3	3.5	.3						100.3	5.5

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] FALLON, NV 72-[illegible] MAR

STATION STATION NAME YEARS MONTH

ALL WEATHER 1?

CLASS HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.?	?.?	2.6	2.?	.?							10.6	?.3
NNE	1.?	1.?										?.?	3.?
NE	1.3	.6	1.?									?.?	?.?
ENE	1.?	1.?										?.?	?.?
E	1.6	1.?	.?									?.?	?.4
ESE	1.3	1.?	.?									?.?	4.4
SE	1.4	?.?	.6	.6								5.2	5.9
SSE	1.?	?.?	1.?									5.?	5.1
S	?.1	?.?	?.?	1.3	.3	.6						11.9	7.4
SSW	1.?	1.?		.6								3.2	5.?
SW	1.6	.6	.6	1.3	1.6	.6						6.?	12.?
WSW	1.?	1.6	1.?	1.3	1.?	1.?						6.?	11.3
W	1.6	?.?	1.6	.6	.6							7.1	7.?
WNW	.?	1.1	1.?	.?								3.?	7.?
NW	?.?	1.?	?.?	1.9	.3							7.7	7.6
NNW	1.?	?.?	?.?	1.6								?.1	7.6
VARBL													
CALM												10.?	
	??.?	??.1	??.?	12.6	4.?	?.3						1??.?	6.6

TOTAL NUMBER OF OBSERVATIONS 31?

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] | [illegible], NC | 73 - [illegible] | MAR
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS

HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	[illegible]	[illegible]	2.8	.7	.2						12.[illegible]	[illegible]
NNE	1.3	2.[illegible]	3.[illegible]									7.1	[illegible].4
NE	1.[illegible]	2.2	1.2	.6								5.[illegible]	5.9
ENE	.2	1.[illegible]	.[illegible]									2.9	5.[illegible]
E	1.2	1.[illegible]		1.0								3.2	6.4
ESE	.[illegible]	.[illegible]										1.2	3.9
SE	1.2	1.[illegible]	1.[illegible]	.3								3.5	6.2
SSE	1.[illegible]	1.[illegible]	.[illegible]	.[illegible]	.3							4.2	7.3
S	1.3	1.6	1.6			.2						4.9	6.2
SSW	.6	1.[illegible]	.2	.2	.6							2.9	4.9
SW	.2	.2	.[illegible]	3.5	1.2	.2						6.5	13.5
WSW	.4	.2	1.[illegible]	2.6	1.[illegible]	.2						5.9	12.2
W	1.[illegible]	1.[illegible]	1.2	1.2	.6		.3					7.4	10.2
WNW	1.[illegible]	1.2	2.6	1.3								5.2	7.2
NW		1.[illegible]	2.2	2.6	.2							7.4	9.5
NNW	1.2	2.2	2.9	2.9	.6	.3						10.3	9.0
VARBL													
CALM												7.4	
	1[illegible].2	[illegible].[illegible]	26.1	2[illegible].2	5.2	1.6	.3					1[illegible].[illegible]	7.2

TOTAL NUMBER OF OBSERVATIONS [illegible]19

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION: [illegible] STATION NAME: [illegible] YEARS: 73-[illegible] MONTH: MAR

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.2	4.5	2.2	1.3	.6	.2						12.0	5.2
NNE	4.1	2.5	.6	.2								7.3	4.1
NE	2.0	3.5	.3									6.2	3.8
ENE	1.3	2.3										3.6	3.1
E	2.3	1.9										4.2	3.2
ESE	1.3	.6	.4	.2								2.6	3.1
SE		.4	.2									1.0	4.0
SSE	.4	.3	1.2	1.2								2.9	7.2
S	1.2	1.3	.3	.3								4.2	4.5
SSW	.3	.2	1.3									1.7	7.5
SW	.3	.5	.4	1.3	.6							3.5	10.2
WSW	.2	2.2	1.4	.6								4.3	7.0
W	1.2	1.2	2.2	3.2	.6							11.0	9.1
WNW	1.4	2.2	2.3	.3								7.2	5.9
NW	.4	2.2	1.6	.6								7.1	6.2
NNW	2.2	1.2	1.0	1.2	.3							6.5	7.2
VARBL													
CALM												10.6	
	25.6	32.3	18.7	16.3	2.3	.2						100.2	5.6

TOTAL NUMBER OF OBSERVATIONS: 21[illegible]

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS 73-7[illegible]-82 MONTH MA[illegible]

CLASS ALL [illegible] HOURS (L S T) 22

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	1.1								10.[illegible]	[illegible]
NNE	1.[illegible]	.[illegible]	.[illegible]	.4								2.[illegible]	3.1
NE	1.[illegible]											1.[illegible]	[illegible]
ENE	1.[illegible]	.[illegible]	.[illegible]									1.	3.0
E	1.1	.[illegible]	.[illegible]									1.	[illegible]
ESE	1.[illegible]	.[illegible]	.[illegible]									2.[illegible]	[illegible]
SE	[illegible]	1.[illegible]	1.1									5.4	[illegible].1
SSE	[illegible]	[illegible]	.[illegible]									6.[illegible]	[illegible].1
S	2.[illegible]	1.[illegible]	.[illegible]									5.1	3.1
SSW	[illegible]	.[illegible]	.[illegible]	.[illegible]								4.[illegible]	[illegible]
SW	[illegible]	.[illegible]	1.[illegible]	.[illegible]								[illegible].[illegible]	[illegible]
WSW	[illegible]	1.[illegible]	.[illegible]									[illegible].[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	1.[illegible]								11.[illegible]	[illegible].1
WNW	1.[illegible]	[illegible]	.[illegible]	.[illegible]								6.1	[illegible].6
NW	[illegible]	[illegible]	.[illegible]	.[illegible]								[illegible].4	[illegible]
NNW	[illegible]	[illegible]	.[illegible]	.[illegible]		.5						[illegible]	[illegible]
VARBL													
CALM												16.[illegible]	
	[illegible]	[illegible]	14.[illegible]	[illegible].7		.[illegible]						[illegible]	5.1

TOTAL NUMBER OF OBSERVATIONS [illegible]70

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WIND

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

STATION _____ STATION NAME _____ YEARS _____ MONTH

CLASS ALL

HOURS (LST) ALL

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS ALL WEATHER HOURS (L S T) _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS

HOURS (L S T)

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION: [illegible] STATION NAME: [illegible], WV YEARS: 73-82 MONTH: APR

CLASS: ALL WEATHER HOURS (LST): 10

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	3.7	3.7	2.7	.7							11.7	7.4
NNE	1.7	1.7	1.7	.7								4.7	5.3
NE	1.7	.3	.7									1.7	3.6
ENE	1.7	1.3										3.0	3.0
E	1.7	.3	.3									2.3	3.6
ESE	2.7	2.7	.3									5.7	3.5
SE	1.7	2.3	.3									4.3	4.3
SSE	2.7	1.3		1.7								5.7	4.7
S	1.7	2.3	1.7	1.3								6.3	6.1
SSW	2.3	1.3	.3		.3							3.7	4.5
SW	1.3	1.7	.7	.7	.7							4.7	5.1
WSW	1.3	.7	1.3	.3								3.3	4.9
W	2.3	2.7	1.7	1.3								8.7	5.9
WNW	1.3	1.7	3.7		.3	.7						7.7	7.4
NW	1.3	1.3	.7									3.3	4.9
NNW	1.7	2.3	2.3	1.7	.7							8.3	7.9
VARBL													
CALM												14.7	
	21.3	27.7	16.7	9.7	2.7	.7						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 300

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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

ALL WEATHER CLASS 13 HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	7.2	3.7	4.3	3.7								15.[illegible]	7.5
NNE	1.[illegible]	2.7	1.7	1.[illegible]	.3							6.7	7.0
NE	1.2	.7	.3									2.3	4.7
ENE	1.[illegible]	1.7	.2									3.1	4.2
E	1.[illegible]	1.7										2.7	3.5
ESE		.7			.3							1.[illegible]	10.0
SE	.7	2.[illegible]		.7								3.3	5.0
SSE	1.7	.7	1.[illegible]	.7								4.0	6.0
S	1.[illegible]	2.7	.7	1.[illegible]								6.2	6.1
SSW	.7	1.7	2.[illegible]	1.[illegible]	.3							5.7	8.2
SW	1.7	1.7	1.[illegible]	.7	.7	.3	.3					5.7	8.7
WSW	1.[illegible]	1.3		1.[illegible]	.7			.3				4.3	12.5
W	.7	2.[illegible]	3.3	1.7	1.3							9.3	9.6
WNW	.7	3.[illegible]	1.7	1.[illegible]	.3							6.7	7.5
NW	1.3	2.[illegible]	2.3	1.[illegible]	1.[illegible]							7.7	8.4
NNW	1.7	2.3	2.7	1.7								8.[illegible]	7.9
VARBL													
CALM												8.7	
	1[illegible].0	31.3	21.[illegible]	14.3	4.7	.3	.3	.3				100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 300

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS 73-77 MONTH APR

CLASS ALL WEATHER HOURS (L S T) 16

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	7.0	4.0	2.3	.3							15.7	7.0
NNE	.7	1.0	2.7	1.3								5.7	8.0
NE	2.7	2.3	1.7	1.0								7.7	5.5
ENE		.3		.3								.7	6.0
E	1.0	1.7	.3									3.0	4.1
ESE			.3		.7							.7	14.0
SE		1.3		.7								2.0	6.8
SSE	.3	.7	.3		.7							1.3	9.0
S	2.0	1.7	.7	.7		.3						5.7	6.8
SSW	.7	.3	.7	.3	.3	.7						2.7	10.8
SW	.7		1.0	1.0		1.0	.3					4.0	14.5
WSW	.7	1.7	.7	1.3	.7	.7						4.7	12.1
W	1.7	1.7	4.0	5.7	.7							13.7	10.2
WNW	1.7	1.3	2.7	3.3	.3							9.3	9.1
NW		2.0	1.0	2.0	1.0							6.0	10.7
NNW	1.7	4.3	2.3	1.7	.3							10.3	7.2
VARBL													
CALM												6.7	
	14.7	26.7	24.0	21.7	4.3	2.3	.3					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 300

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] FAYETTEVILLE, NC (STATION / STATION NAME) 73-82 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	5.7	[illegible]	.7	.7							16.[illegible]	5.4
NNE	[illegible]	3.7	2.0									[illegible]	4.7
NE	[illegible]	[illegible]										[illegible]	[illegible]
ENE	[illegible]	1.3	.7									[illegible]	[illegible]
E	[illegible]	[illegible]	.3									[illegible]	[illegible]
ESE		[illegible]		.7								[illegible]	[illegible]
SE	.3		.7	.3								[illegible]	[illegible]
SSE	.3	.7		.3								[illegible]	[illegible]
S	[illegible]	.7		.7								[illegible]	[illegible]
SSW	.7		.3			.3						[illegible]	[illegible]
SW	.7		.7	.7	.3							[illegible]	[illegible]
WSW	.3	.3	[illegible]	.7	.7							[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	.3							[illegible]	[illegible]
WNW	.7	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NW	.7	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	.3							[illegible]	[illegible]
VARBL													
CALM												6.7	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.3						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 300

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] / STATION | [illegible], NV / STATION NAME | 73-75, 80-82 / YEARS | APR / MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.5	4.2	1.1	.4								8.2	4.8
NNE	.1	1.5		.7								2.6	6.3
NE	.4	1.1										1.5	5.0
ENE	.3	.4										.7	3.5
E	.4	.7										1.1	3.7
ESE	.4											.4	3.0
SE	.7	.4	.4									1.5	5.0
SSE	1.5	2.2		.4								4.1	4.7
S	1.9	.4	.4									2.6	3.9
SSW	1.1	.4	.7	.4								2.6	5.6
SW	3.4	1.5	.4		.4	.4						5.2	6.2
WSW	1.9	.4	.7	.4								3.3	5.0
W	4.7	4.2	3.5	.4								17.4	5.1
WNW	4.2	5.9	2.5	.7								14.1	5.0
NW	3.3	4.4	.7	.7								8.9	4.9
NNW	1.1	3.0	1.1	.7								5.9	6.2
VARBL													
CALM												19.7	
	29.6	31.2	13.7	4.8	.4	.4						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 270

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] STATION | [illegible] STATION NAME | 73-82 YEARS | APR MONTH

ALL WEATHER CLASS | ALL HOURS (L S T

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.7	4.4	3.3	1.6	.3							12.4	6.7
NNE	1.2	1.9	1.2	.7	.1							5.	6.3
NE	1.9	1.4	.4	.2								3.9	4.5
ENE	1.7	.8	.2	.1								2.1	4.0
E	1.1	1.0	.2									2.3	3.5
ESE	.5	1.2	.2	.1	.1							1.2	5.4
SE	1.1	1.5	.2	.3								3.0	5.0
SSE	2.2	1.4	.2	.4	.1							4.2	4.5
S	2.3	1.9	.7	.7		.1						6.3	5.2
SSW	.2	.7	.7	.3	.2	.1						2.9	7.3
SW	1.0	.9	.7	.5	.3	.3	.1					4.1	8.6
WSW	1.1	.5	.2	.7	.3	.1		.1				4.0	8.3
W	2.5	3.5	2.9	2.4	.4							12.2	7.6
WNW	1.0	2.6	2.3	1.2	.2	.1						7.1	7.1
NW	1.1	2.1	1.7	.9	.3							6.2	7.5
NNW	1.4	2.5	2.1	1.3	.2							7.4	7.4
VARBL													
CALM												13.4	
	24.2	28.1	19.7	11.3	2.4	.6	.1	.1				136.3	5.7

TOTAL NUMBER OF OBSERVATIONS 1772

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | FALLON, NV STATION NAME | 73 YEARS | MAY MONTH

ALL WEATHER CLASS | 04 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		[illegible]										100.0	4.0
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												[illegible]	
		100.0										100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 1

3

SMOS

&US GPO 1984 /41 348 /201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	FALLON, NV	73-82	MAY

CLASS: ALL WEATHER — HOURS (LST): 07

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	.6	2.6	1.9								6.5	7.7
NNE		1.3	.6									1.9	[illegible]
NE		.3	.3									.6	[illegible]
ENE	.6	1.0										1.6	[illegible]
E	1.0											1.3	1.7
ESE	1.0											1.0	2.3
SE	6.5	1.6										8.1	2.6
SSE	3.6	1.9	.3									5.8	[illegible]
S	7.5	2.9	.6									12.6	3.1
SSW	3.9	.3										4.2	2.5
SW	2.9	1.3										4.2	2.7
WSW	1.6	1.0										2.6	3.3
W	4.2	1.9	1.3	.6								8.1	4.4
WNW	1.9	3.9	1.6	.6								8.1	5.6
NW	1.6	1.3	2.3									4.5	5.6
NNW	1.3	1.6	2.9	.6								6.3	7.0
VARBL													
CALM												22.9	
	39.7	21.0	12.6	3.9								100.2	3.3

TOTAL NUMBER OF OBSERVATIONS 310

SMOS

*U.S. GPO 1984 /41 648 201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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

CLASS: ALL WEATHER

HOURS (L S T): 1[illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	1.8	.6							11.[illegible]	6.7
NNE	1.[illegible]	[illegible]	1.[illegible]									6.5	5.3
NE	1.[illegible]	1.[illegible]	.5									3.[illegible]	4.4
ENE	1.[illegible]	.[illegible]		.7								1.[illegible]	4.[illegible]
E	[illegible]	.5	.5									[illegible].0	4.0
ESE	1.[illegible]	1.[illegible]										1.[illegible]	[illegible].3
SE		.[illegible]										.[illegible]	4.0
SSE	1.[illegible]	[illegible].[illegible]	.[illegible]									4.[illegible]	[illegible].9
S	[illegible].[illegible]	[illegible].[illegible]	.[illegible]									[illegible].[illegible]	4.1
SSW	1.[illegible]	1.[illegible]		1.[illegible]								[illegible].[illegible]	[illegible].[illegible]
SW	1.[illegible]	1.[illegible]	.6	.6	.6							[illegible].[illegible]	[illegible].6
WSW	1.[illegible]	1.[illegible]	.[illegible]	.[illegible]								[illegible].[illegible]	4.6
W	1.[illegible]	[illegible].[illegible]	[illegible].[illegible]	.6								7.[illegible]	[illegible].[illegible]
WNW	[illegible].[illegible]	1.[illegible]	1.[illegible]	.[illegible]								6.[illegible]	[illegible].6
NW	[illegible].6	[illegible].[illegible]	[illegible].[illegible]	.[illegible]								[illegible].7	[illegible].4
NNW	[illegible].[illegible]	[illegible].9	[illegible].[illegible]	1.[illegible]								12.[illegible]	[illegible].7
VARBL													
CALM												11.[illegible]	
	[illegible].6	[illegible].[illegible]	17.1	[illegible].[illegible]	1.[illegible]							[illegible]..	4.7

TOTAL NUMBER OF OBSERVATIONS [illegible]31[illegible]

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH MAY

CLASS ALL WEATHER HOURS (L S T) 12

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	4.2	3.3	.7		.3						10.8	6.6
NNE	1.2	2.7	3.2	1.2								7.4	7.2
NE	1.2	1.2	1.2	1.2								4.8	5.9
ENE	1.2	.2	.2	.2								1.9	5.1
E	1.3	1.2	1.2									4.2	4.5
ESE	1.7		.2	.2								2.3	5.1
SE	.2	1.2	.2									2.7	5.3
SSE		1.2										1.2	4.7
S	1.2	1.2	.2									2.6	3.6
SSW	1.2	1.2	.2									2.6	4.4
SW	.2	1.2	1.2	1.2	.6							4.2	7.1
WSW	1.2	1.2	1.2	.3	.2	.2						5.2	8.1
W	1.2	7.4	2.7	1.5	1.2							14.5	7.2
WNW	1.2	3.2	1.2	1.2	.2							7.2	5.7
NW	1.2	3.2	1.2	1.2								6.4	5.7
NNW	.2	3.2	1.2	.2								7.2	5.1
VARBL													
CALM												6.2	
	17.1	30.2	23.2	9.4	3.2	1.2						116.7	5.4

TOTAL NUMBER OF OBSERVATIONS 716

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH MAY

CLASS _____ HOURS (L S T) 15

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

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

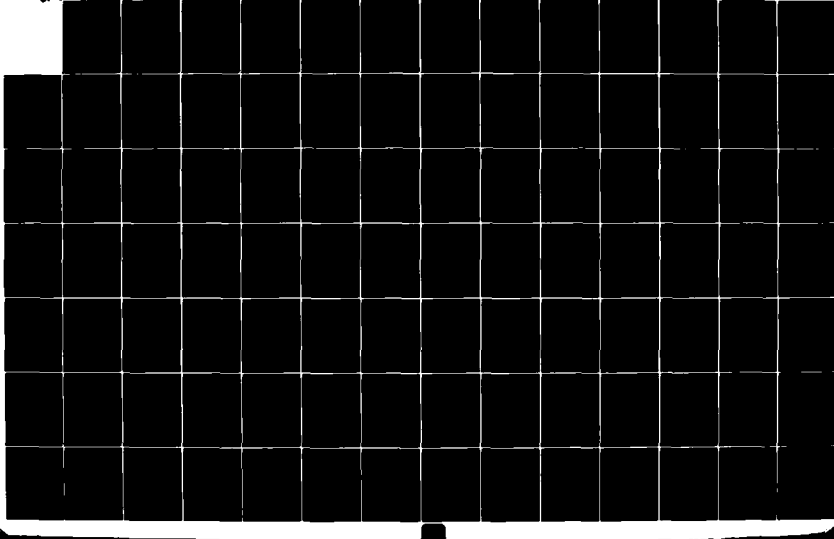
TOTAL NUMBER OF OBSERVATIONS _____

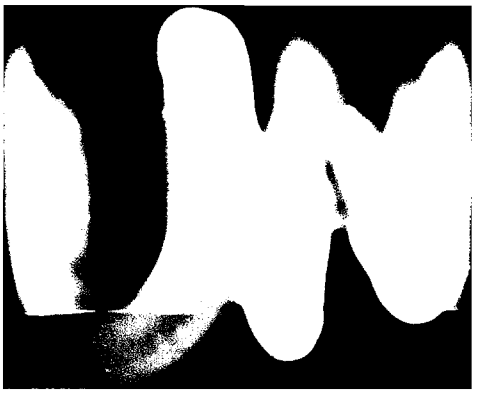
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SMOS

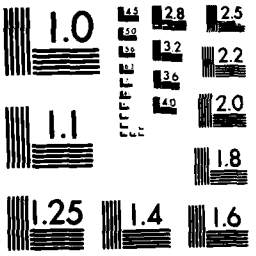
AD-A150 181 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) FALLON NEVADA(U) NAVAL OCEANOGRAPHY COMMAND DETACHMENT ASHEVILLE NC AUG 84 2/4

UNCLASSIFIED F/G 4/2 NL





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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] FALLON, NV — 73-82 — MAY

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 22

CLASS — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	3.9	1.6	1.6								8.7	6.9
NNE	1.6	1.6	.6	.3	.3							4.5	5.8
NE	1.9	1.0	.3									3.2	3.1
ENE	.6	1.3		.3								2.3	5.3
E		.3	.3									.6	8.0
ESE	1.0	.3										1.3	2.8
SE	.6	.3										1.0	2.7
SSE	1.0	.6										1.6	3.2
S	3.5	1.0										4.5	2.9
SSW	1.3	1.3										2.6	3.6
SW	.6	1.0	.6									2.3	5.0
WSW	2.6	.3	1.0									3.9	3.5
W	3.5	8.7	5.5	.6								18.4	5.7
WNW	3.2	6.1	4.5	.6								14.6	5.7
NW	1.6	4.9	1.9	.3								8.7	5.4
NNW	2.6	3.6	.3	1.0								7.4	5.0
VARBL													
CALM												14.2	
	27.3	36.2	16.8	4.9	.3							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 309

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

23123 (STATION) FALLON, NV (STATION NAME) 73-82 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	3.2	3.6	1.4	.3	.1						11.4	6.9
NNE	1.5	3.3	1.6	.3	.2							6.8	5.9
NE	1.5	1.6	.6	.3								4.0	4.9
ENE	1.1	1.3	.4	.2								3.0	4.5
E	1.3	.3	.4		.1							2.5	4.5
ESE	.7	.3	.1	.1	.1							1.2	4.9
SE	1.3	.6	.2	.1	.1							2.2	3.9
SSE	1.2	1.2	.2									2.6	3.8
S	2.5	1.5	.4	.1								4.8	3.7
SSW	1.5	.9	.2	.2								2.7	4.2
SW	1.0	1.0	.5	.2	.4							3.4	7.2
WSW	1.3	.9	1.1	.7	.1	.1						4.2	7.2
W	2.3	4.2	3.5	2.7	1.0	.1						13.9	8.3
WNW	1.9	3.7	2.3	1.7	.2	.1						9.9	6.9
NW	1.6	2.2	2.3	.8	.2							7.1	6.5
NNW	2.0	3.4	2.7	1.1	.1							9.2	6.3
VARBL													
CALM												10.5	
	25.2	31.2	22.3	10.1	2.4	.3						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 1860

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] (STATION) | FALLON, NV (STATION NAME) | 73 (YEARS) | JUN (MONTH)

ALL WEATHER (CLASS) | 04 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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		100.0										100.0	5.0
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	.0	
		100.0										100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 1

3

SMOS

[illegible]

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

93193	FALLON, NV	73-92	JUN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.3	3.3	1.3								8.0	7.5
NNE	1.0		.3									1.3	2.8
NE	.3	.7		.3								1.3	5.3
ENE		.3	.3									.7	7.5
E	.7											.7	2.5
ESE		.3										.3	4.0
SE	1.7	.7										2.3	2.9
SSE	4.0	1.7										5.7	2.6
S	6.7	3.0										9.7	3.2
SSW	3.0	.7										3.7	2.6
SW	3.3	.3										3.7	2.6
WSW	3.3	2.0	.3	.3								6.0	4.0
W	8.3	5.3	1.0	1.3	.3							16.3	4.8
WNW	1.3	2.7	.7									4.7	4.2
NW	.7	1.0	.3									2.0	5.0
NNW	1.3	2.3	2.7									6.3	5.6
VARBL													
CALM												27.3	
	36.7	23.3	9.0	3.3	.3							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 300

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

23112	FALLON, NV	73-82	JUN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER — CLASS

10 — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.0	6.3	2.0	1.3								12.7	5.6
NNE	3.7	2.0	1.3	.3								6.3	4.7
NE	1.7	1.0	.7									3.3	3.8
ENE	1.3	.3										1.7	2.8
E	1.3	.7	.3									2.3	3.4
ESE	1.3	.3										1.7	2.8
SE	1.0	2.0										3.0	4.0
SSE	2.7	.7										3.3	3.0
S	1.7	1.7	1.7									5.0	5.2
SSW	2.3	1.0		.3	.3							4.0	4.8
SW	1.3	1.0										2.3	3.0
WSW	2.3	1.0	1.3	.3			.3					5.3	6.4
W	2.0	3.0	2.7	.7								8.3	6.2
WNW	1.3	2.3	1.3	.3								5.3	5.6
NW	4.7	2.3	1.3	.3								8.7	3.8
NNW	3.7	4.3	1.0	.7								9.7	4.9
VARBL													
CALM												17.3	
	34.3	30.0	13.7	4.3	.3		.3					100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 300

SMOS

* U.S. GPO 1984 741 348 201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

72392 (STATION) FALLON, NV (STATION NAME) 73-82 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	5.0	2.7	1.7	.3							11.0	7.0
NNE	2.0	2.3	2.0									6.3	4.9
NE		2.3	.3									2.7	5.6
ENE	1.0	2.0	.3									3.3	4.5
E		1.0	.7									1.7	5.6
ESE		1.0	.3									1.3	6.0
SE	1.0	.7										1.7	3.2
SSE	.3	.3	.3	.3	.3							1.7	8.8
S	1.7	2.0	.3	.7	.7							5.3	6.6
SSW	2.7	2.0		.3								5.0	4.3
SW	1.3	2.7	1.0									5.0	5.1
WSW	1.0	1.3	2.0	1.7								6.0	7.9
W	6.7	4.3	2.0	1.7		.3						15.0	5.5
WNW	3.7	2.7	3.0			.3						9.7	5.7
NW	.3	3.0	1.7	.7								5.7	7.1
NNW	1.7	6.3	1.7	1.0								10.7	6.2
VARBL													
CALM												8.0	
	24.7	39.0	18.3	8.0	1.3	.7						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 300

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

23107 (STATION) FALLON, NV (STATION NAME) 73-82 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	4.7	4.7	1.7								12.7	7.0
NNE	.7	3.0	2.7	1.3								6.7	7.7
NE	1.0	2.0	1.0									4.0	5.3
ENE	.7	3.3	.7	.7								4.3	6.9
E	.3	.3										.7	3.5
ESE			.3	.3								.7	12.5
SE													
SSE													
S	1.0	.7		1.0	.7							3.3	10.2
SSW		.3										.3	4.0
SW	.7		.7	.7		.3						2.3	9.3
WSW	.3	.7	1.7	1.7		.3						4.7	10.0
W	2.0	3.7	4.7	6.7	.7	.3						18.0	9.3
WNW	2.0	2.3	3.0	4.0	1.0							12.3	9.5
NW	1.0	5.3	2.3	1.0	.7							10.3	7.1
NNW	1.3	5.3	3.7	3.3								13.7	7.6
VARBL													
CALM												5.3	
	12.7	29.7	25.3	22.3	3.0	1.0						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 300

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

4312 (STATION) FALLON, NV (STATION NAME) 73-82 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	5.0	2.7	1.3								10.0	6.4
NNE	3.0	3.3	1.3	.3								8.0	4.7
NE	1.0	4.7	.7									6.3	4.5
ENE	2.0	3.3	1.3									6.7	4.9
E	.7	.7										1.3	3.5
ESE	.7		.3									1.0	5.0
SE													
SSE	.3			.3								.7	8.5
S	.3	.7		.7								1.7	7.6
SSW		.7	.7	.7								2.0	8.3
SW			.7	.7								1.3	10.3
WSW	.7	2.3	2.0	.7								5.3	7.5
W	.7	3.7	10.7	6.7	.7							22.3	9.4
WNW	1.3	2.0	6.3	4.7								14.3	9.0
NW	.7	2.7	3.0	1.0								7.3	7.5
NNW	1.3	2.3	3.3	1.0								8.0	6.8
VARBL													
CALM												3.7	
	13.7	41.3	32.7	16.0	.7							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 300

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

471 2	FALLON, NV	73-82	JUN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

22
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	3.7	2.0	.3								8.4	5.1
NNE	2.7	1.7	.7	.7								5.8	4.8
NE	2.0	1.0										3.0	3.0
ENE	.3		.7									1.0	5.3
E		.7										.3	6.0
ESE	.2											.3	2.0
SE	.3		.3									.7	5.0
SSE	.7	1.0										1.7	3.2
S	2.4	2.7		.3								5.4	4.0
SSW	1.3	.7										2.0	3.2
SW	.7	1.0	.3									2.0	5.0
WSW	1.3	1.7	.3									3.4	3.8
W	4.0	9.4	6.7	1.0								21.2	5.8
WNW	4.4	10.1	2.4									16.8	4.8
NW	2.0	4.4	1.7									8.1	5.0
NNW	3.0	2.7	1.3	.7								7.7	5.2
VARBL													
CALM												12.5	
	27.9	40.4	16.2	3.0								100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 297

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

4312	FALLON, NV	73-92	JUN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	4.5	2.8	1.3	.1							10.5	6.4
NNE	2.0	1.9	1.3	.4								5.7	5.3
NE	1.3	1.9	.4	.1								3.4	4.5
ENE	.9	1.4	.6	.1								2.9	5.1
E	.5	.5	.2									1.2	4.0
ESE	.4	.3	.2	.1								.9	5.3
SE	.7	.6	.1									1.5	3.6
SSE	1.3	.6	.1	.1	.1							2.2	3.9
S	2.3	1.1	.3	.4	.2							5.1	5.3
SSW	1.6	.9	.1	.2	.1							2.9	4.6
SW	1.2	.8	.4	.2		.1						2.8	5.2
WSW	1.4	1.5	1.3	.8		.1	.1					5.1	6.7
W	3.9	4.9	4.6	3.0	.3	.1						16.9	7.0
WNW	2.3	3.7	2.9	1.5	.2	.1						10.5	6.8
NW	1.6	3.1	1.7	.5	.1							7.0	6.0
NNW	2.1	3.9	2.3	1.1								9.3	6.2
VARBL													
CALM												12.4	
	25.0	32.3	19.2	9.6	.9	.3	.1					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 1798

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION: [illegible] | STATION NAME: FALLON, NV | YEARS: 73 | MONTH: JUL

CLASS: ALL WEATHER | HOURS (L S T): 04

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	100.0	
												100.0	.0

TOTAL NUMBER OF OBSERVATIONS: 1

3

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
[illegible]	[illegible]	73-83	JUL

CLASS: ALL WEATHER

HOURS (L S T): 07

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	.7	.6	.3								2.7	5.7
NNE	.7		.3									.[illegible]	[illegible]
NE		.3										.3	[illegible]
ENE													
E		.7										.7	[illegible]
ESE	.7	.3										.6	[illegible]
SE	2.7	.6										2.9	7.7
SSE	4.6	2.8										[illegible].1	[illegible]
S	11.[illegible]	3.[illegible]	.6	.3								15.[illegible]	[illegible]
SSW	[illegible].3	.6										2.9	[illegible]
SW	.[illegible]	1.7	.4									[illegible].1	[illegible]
WSW	[illegible].7	1.[illegible]										[illegible].[illegible]	[illegible]
W	[illegible].0	[illegible].5	.3									13.4	[illegible]
WNW	[illegible].6	[illegible].5	.7									[illegible].7	[illegible]
NW	[illegible].7	1.[illegible]										[illegible].7	[illegible]
NNW	.[illegible]	.3	1.[illegible]									1.7	[illegible]
VARBL													
CALM												18.1	
	[illegible].5	[illegible].9	[illegible].9	.6								[illegible].[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS: 31[illegible]

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible], NV	73-[illegible]	JUL

ALL WEATHER
CLASS

HOURS (L S T)
10

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.2	7.4	1.3									15.2	4.7
NNE	1.3	3.2	1.3									6.1	4.5
NE	1.6		.7									1.9	2.3
ENE	1.3	.3										1.6	2.3
E	1.6	1.0										2.6	2.9
ESE	.3											.3	3.0
SE	1.3	.6										1.6	3.2
SSE	.3	1.0		.3								1.6	5.6
S	.6	1.6										2.3	3.9
SSW	.6	1.6	.3									2.6	4.6
SW	1.3	1.3	1.0									3.6	5.1
WSW	2.3	1.3										3.6	2.9
W	6.1	4.9	1.3									12.3	4.3
WNW	4.5	6.1	.3									11.3	3.7
NW	5.1	3.9	1.3									11.3	3.6
NNW	3.3	3.3	.6									8.7	4.1
VARBL													
CALM												13.6	
	37.3	41.1	6.3	.3								100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 309

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[redacted] FALLON, NV 73-32 JUL
STATION STATION NAME YEARS MONTH

ALL WEATHER 13
CLASS HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.2	5.2	2.9									12.3	4.9
NNE	1.0	3.5	1.3									5.8	5.3
NE	.6	2.3	.3									3.2	5.2
ENE	1.2	1.3										2.6	3.1
E	1.0	1.3										2.3	3.7
ESE	1.0			.3								1.3	4.3
SE	.3	1.3										1.6	3.8
SSE	1.3		1.0									2.3	5.1
S	3.6	.6	1.3									5.5	3.8
SSW	1.0	2.3										3.2	4.5
SW	2.3	1.9										4.2	3.1
WSW	1.0	5.2	1.6									7.7	5.0
W	4.2	7.7	2.6	.6								15.2	5.2
WNW	1.2	2.3	2.3									7.7	4.8
NW	1.3	4.6	2.3									8.4	5.4
NNW	3.9	5.5	1.3									10.3	4.8
VARBL													
CALM												6.5	
	29.7	45.2	17.7	1.0								100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 310

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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

ALL WEATHER
CLASS

16
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	10.3	3.7	.3								15.6	5.4
NNE	2.7	3.5	2.1									8.1	5.1
NE	.6	1.9	.7									2.9	4.9
ENE	1.3		.7									1.7	3.3
E		.3	.4									1.3	6.9
ESE	.3	.6	.7	.7								1.6	6.4
SE	.3	.5		.3	.3							1.6	8.8
SSE		.3	1.0									1.3	7.8
S		.3	.3									.6	6.0
SSW	.3	1.3										1.6	4.0
SW	1.3	1.6	.3	1.0								4.2	6.2
WSW	.6	2.9	1.6		.3							5.5	6.2
W	2.6	3.9	4.5	3.2	.6							14.8	7.9
WNW	1.3	4.5	3.2	2.3								11.3	7.1
NW	1.9	4.2	4.9	.3								11.3	5.9
NNW	1.6	5.2	3.5	1.0								11.3	6.1
VARBL													
CALM												5.8	
	16.1	41.3	26.1	9.7	1.3							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 310

* U.S. GPO 1984 741 348 201

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] (STATION) FALLON, NV (STATION NAME) 73-82 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.5	4.2	.6	.6								9.0	4.7
NNE	3.2	3.2	.6									7.1	3.9
NE	2.9	2.6	.6									6.1	3.9
ENE	3.2	2.9										6.1	3.8
E	.6	.6		.3								1.6	5.6
ESE				.3								.3	12.0
SE													
SSE	.3		.3	1.3								1.9	10.2
S	.6	.3	1.9	1.0								3.9	8.2
SSW		.3	.3	.3								1.0	9.3
SW	.3	.3										.6	3.0
WSW	1.3	1.3	1.9	1.6		.3						6.5	8.4
W	2.3	5.2	11.9	4.2	.3							23.9	8.1
WNW	1.3	1.9	5.5	1.0								11.6	7.0
NW	1.3	2.3	3.2	1.3								8.4	6.8
NNW	1.2	1.0	2.3	.3								5.5	5.7
VARBL													
CALM												6.1	
	22.3	29.0	29.7	12.3	.3	.3						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 310

3

SMOS

*US GPO 1984 741 348 201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

93112	FALLON, NV	73-82	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

22
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	3.4	1.0	.7								6.8	5.5
NNE	1.0	.3	.7									2.0	4.8
NE	.7	1.0										1.7	4.0
ENE	.7	.3	.7									1.7	4.8
E													
ESE	.7	.3										1.0	3.7
SE		.3	.7									.7	7.0
SSE		.3										.3	4.0
S	1.0	2.0	1.4									4.4	5.0
SSW	.7	.7	.3									1.7	4.4
SW	1.0	1.7	.7									3.4	4.7
WSW	1.4	2.4	1.0									4.7	4.4
W	7.1	11.8	4.4									23.3	4.7
WNW	4.1	13.2	3.0									20.3	4.8
NW	3.4	4.4	1.7									9.5	4.5
NNW	2.4	3.4	.7									6.1	4.0
VARBL													
CALM												12.5	
	25.7	45.6	15.3	.7								100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 296

3

SMOS

GPO 1984 741 348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

72392 (STATION) FALLON, NV (STATION NAME) 73-82 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.9	5.5	1.6	.3								10.2	4.9
NNE	1.6	2.3	1.0									5.0	4.7
NE	1.1	1.4	.3									2.7	4.2
ENE	1.2	.8	.2									2.2	3.6
E	.5	.7	.1	.1								1.4	4.4
ESE	.4	.2	.1	.2								.9	5.1
SE	.7	.6	.1	.1	.1							1.4	4.5
SSE	1.0	.7	.4	.3								2.4	5.1
S	2.5	1.4	.9	.2								5.3	4.2
SSW	1.0	1.1	.2	.1								2.3	4.2
SW	1.7	1.4	.4	.2								3.7	4.2
WSW	1.9	2.3	1.0	.3	.1	.1						5.5	5.2
W	5.2	6.3	4.2	1.4	.2							17.2	5.7
WNW	3.1	3.6	2.5	.5								11.8	5.3
NW	2.3	3.6	2.1	.3								8.5	5.1
NNW	2.3	3.6	1.6	.2								7.4	5.0
VARBL													
CALM												12.1	
	29.5	37.4	16.6	4.0	.3	.1						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 1846

3

SMOS

*U.S. GPO 1984 / 421-548 / 201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

23112	FALLON, NV	73	AUG
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER — CLASS

01 — HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE	33.3											33.3	2.0
SSE													
S													
SSW													
SW													
WSW	33.3											33.3	2.0
W													
WNW													
NW													
NNW													
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	33.3	
	66.7											100.0	1.3

TOTAL NUMBER OF OBSERVATIONS 3

SMOS

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

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[redacted] FALLON, NV 73 AUG
STATION STATION NAME YEARS MONTH

ALL WEATHER 24
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	33.3											33.3	2.0
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	66.7	
	33.3											100.0	.7

TOTAL NUMBER OF OBSERVATIONS 3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] (STATION) FALLON, NV (STATION NAME) 73-82 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 07 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.7	.7									1.3	5.8
NNE		1.3										1.0	5.0
NE	.3											.3	3.0
ENE													
E	.3											.7	1.0
ESE	1.3	.3										1.6	3.0
SE	4.3	1.3										5.9	3.1
SSE	9.5	3.3	.7									12.5	3.1
S	18.4	5.9	.7									24.8	2.8
SSW	4.3	1.3										5.6	2.9
SW	2.3	.3	.3									3.0	3.1
WSW	1.6	.7										2.3	3.0
W	2.3	1.6	.7									3.0	3.7
WNW	1.0	1.0	.3									2.3	4.1
NW	.3	1.3										1.7	3.8
NNW	1.3	.7		.3								2.3	4.5
VARBL													
CALM												32.1	
	45.9	18.7	3.3	.3								100.2	2.1

TOTAL NUMBER OF OBSERVATIONS 305

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

23185 (STATION) FALLON, NV (STATION NAME) 73-92 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.2	5.2	.3	.3								10.2	4.1
NNE	3.2	2.3	1.0	.3								6.9	4.3
NE	2.0	1.0	.3									3.3	3.3
ENE	.3	1.6	.7									2.6	4.8
E	1.3	1.0										2.3	3.0
ESE	.7	.7										1.3	3.2
SE	.7	.3	.3									1.3	4.9
SSE	1.3	1.0	.7									3.0	4.2
S	3.3	1.6	1.0									5.9	3.4
SSW	.7	2.0	.7									3.0	4.1
SW	2.3	1.3	1.0									4.6	4.2
WSW	1.3	1.6	.7									3.6	4.7
W	5.2	4.6	1.3									11.1	3.9
WNW	2.3	3.6	.3									6.2	4.0
NW	2.6	4.3	.7									7.6	4.0
NNW	2.6	4.3	.3	.7								7.9	4.7
VARBL													
CALM												19.3	
	34.1	36.4	8.9	1.3								100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 305

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	FALLON, NV.	71-72	AUG

CLASS: ALL WEATHER

HOURS (L S T): 13

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.9	4.9	1.0	.3								10.2	4.5
NNE	1.0	3.9	1.6									6.6	5.3
NE	1.3	3.3	1.0									4.9	5.0
ENE	1.3	.7	.7									2.6	4.5
E	.3	.7										1.3	3.7
ESE	.7	.7	.7									2.0	5.2
SE	.3	1.3	.3									2.0	5.0
SSE	.3	.3	.3									1.0	5.3
S	1.6	3.6	.7	.3								6.2	5.2
SSW	1.0	3.0	.3									4.3	4.8
SW	2.6	1.6	.3	.3								4.9	4.5
WSW	2.3	2.3	.7	.7								6.0	5.0
W	1.6	6.9	2.6	.7	.7							12.5	6.3
WNW	2.6	2.6	2.6									8.9	4.9
NW	2.3	3.9	2.3									8.5	5.2
NNW	1.6	7.2	2.6	.3								11.8	5.4
VARBL													
CALM												7.9	
	25.2	46.6	17.4	2.3	.7							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS: 305

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
5512	FALLON, NV	73-92	AUG

ALL WEATHER (CLASS)

16 (HOURS L S T)

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.6	8.2	4.3	.3								15.4	5.6
NNE	1.6	3.3	2.0									6.9	5.0
NE	1.0	2.6	1.0									4.6	5.0
ENE	1.3	1.0	1.0									3.3	4.8
E	1.0	1.6		.3	.3							3.2	5.9
ESE	.3											.3	1.0
SE		.3	.7									1.0	6.3
SSE		.3		.3								.7	3.5
S		.7		.3								1.0	8.7
SSW		.3	.3									.7	7.5
SW	.3	.3	1.0	1.0	1.3							3.9	12.3
WSW	1.3	1.6	.3	1.6	.3							5.2	8.3
W	1.6	2.3	3.9	5.2	.7							14.8	9.7
WNW	2.0	2.6	3.6	2.0								10.2	7.2
NW	1.0	4.6	3.0	.7								9.2	6.1
NNW	2.0	6.2	4.3	.7								13.1	6.4
VARBL													
CALM												6.6	
	16.1	36.1	25.2	13.4	2.6							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 305

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] RALEIGH, N.C. 73-[illegible] AUG
STATION STATION NAME YEARS MONTH

ALL WEATHER 19
CLASS HOURS (L S T

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	1.[illegible]	1.[illegible]	.3							11.2	5.1
NNE	[illegible]	[illegible]	.7									[illegible]	3.6
NE	[illegible]	[illegible]										5.3	3.4
ENE	[illegible]	[illegible]		.3								6.[illegible]	3.5
E	1.[illegible]	[illegible]	1.[illegible]									2.6	5.5
ESE			.3		.3							.7	15.3
SE		.7	.7									1.[illegible]	7.[illegible]
SSE			.7	.3								.7	9.[illegible]
S	1.7	.7	.7	.7								3.3	6.3
SSW		1.[illegible]	.3									1.3	5.8
SW	.3	.3		1.[illegible]	.3							2.[illegible]	10.7
WSW	.7	1.[illegible]	1.3	1.[illegible]								3.[illegible]	7.3
W	1.3	6.2	3.9	3.0								19.4	7.6
WNW	3.3	4.6	6.6	.7	.3							14.5	6.9
NW	1.[illegible]	2.6	2.6	.3								6.[illegible]	6.4
NNW	1.3	3.[illegible]	1.3									5.6	4.8
VARBL													
CALM												6.2	
	24.7	34.2	25.3	8.2	1.3							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 304

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS ALL WEATHER HOURS (L S T _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS 247

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] / [illegible], NC / 77-[illegible] / AUG

STATION / STATION NAME / YEARS / MONTH

ALL WEATHER / ALL

CLASS / HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.4	4.2	1.4	.3	.1							9.5	4.3
NNE	1.2	2.7	.9	.1								5.6	4.5
NE	1.2	1.7	.5									3.4	4.3
ENE	1.1	1.2	.4	.1								2.7	4.1
E	.7	.7	.2	.1	.1							1.7	4.6
ESE	.2	.4	.2		.1							1.1	5.1
SE	1.2	.8	.2	.1								2.2	4.4
SSE	1.2	1.7	.5	.1								3.4	4.8
S	4.4	2.4	.5	.2								7.5	3.6
SSW	1.2	1.5	.2									2.9	3.9
SW	1.2	.8	.5	.4	.3							3.7	6.1
WSW	1.3	1.4	.6	.5	.1							3.9	5.8
W	2.6	4.2	3.4	1.7	.3							12.9	6.6
WNW	2.5	3.5	2.3	.5	.1							9.3	5.5
NW	1.7	4.2	1.6	.2								7.8	5.1
NNW	1.7	4.1	1.3	.3								7.6	5.4
VARBL													
CALM												14.7	
	29.9	35.4	15.4	4.6	.8							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 1777

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

031 2	FALLS, WV	23	SEP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

04
HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR.	1 - 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	50.0											50.0	2.0
SSE													
S													
SSW	50.0											50.0	2.0
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	.0	
	100.0											100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 2

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] FALLON, NV — 73-75, 77-82 — SEP

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 07

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		.[illegible]		1.1								1.[illegible]	10.0
NNE													
NE	.[illegible]											.[illegible]	2.0
ENE	.[illegible]			.4								1.1	5.3
E													
ESE	.[illegible]											.[illegible]	2.0
SE	3.[illegible]	.[illegible]										4.5	2.6
SSE	10.[illegible]	2.3	.[illegible]									13.9	2.9
S	12.[illegible]	1.1	.4									13.5	2.3
SSW	3.4	1.1										4.5	2.8
SW	2.6	.[illegible]										3.4	2.3
WSW	2.[illegible]											2.6	2.0
W	3.[illegible]	.[illegible]										4.5	2.4
WNW	1.5	.[illegible]										2.3	3.3
NW	.[illegible]	.[illegible]	.4									1.9	4.2
NNW		.[illegible]										.8	5.[illegible]
VARBL													
CALM												44.[illegible]	
	43.6	9.4	1.[illegible]	1.5								100.[illegible]	1.6

TOTAL NUMBER OF OBSERVATIONS 266

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] (STATION) FALLON, NV (STATION NAME) 73-75,77-82 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 10 (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	5.3	3.4	1.9	1.1								11.7	4.6
NNE	2.3	2.6	.8									5.6	4.2
NE	.4	.5	.4									1.5	4.5
ENE	1.1		.4									1.5	3.5
E	1.1	.4	.4									1.9	3.9
ESE	.8	.8	.8									2.3	4.5
SE	1.1	.4		.4								1.9	4.2
SSE	2.6	.4										3.0	2.3
S	2.8	2.3	1.5									6.8	4.4
SSW	.8											.8	1.0
SW	1.2	1.5										2.4	2.8
WSW	4.5	.4										4.9	2.5
W	5.4	2.3	.4									9.0	2.6
WNW	1.2	.8	.4	.4								3.4	4.7
NW	1.9	.8										2.6	3.0
NNW	4.5	4.5	2.3	.4								11.7	4.6
VARBL													
CALM												26.2	
	30.3	21.1	9.0	2.3								100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 266

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[redacted] (STATION) FALLON, NV (STATION NAME) 73-75,77-82 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 17 (HOURS (L S T)

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.6	6.4	1.9	.4	.4	.4						14.1	5.7
NNE	3.0	4.1	3.4	.4								10.9	5.6
NE	1.6	3.4										4.5	4.0
ENE	1.1	1.1										2.3	2.8
E	1.1	1.1										2.3	2.4
ESE	1.9	3.0		.4								5.3	4.4
SE	.4	1.1										1.5	4.0
SSE	2.3	.8	.5									3.6	3.9
S	2.3	2.3	.4									4.9	4.2
SSW	1.3											1.5	2.0
SW	1.9	1.1	.4									3.4	3.7
WSW	1.1	.8	.4									2.3	3.7
W	2.5	3.0	.8	.4	.4							7.1	5.1
WNW	3.0	2.3	.8									6.0	4.0
NW	3.4	3.0	1.1	.4								7.9	4.6
NNW	2.3	5.3	1.5	.4								9.4	5.1
VARBL													
CALM												12.9	
	34.3	36.3	11.3	2.3	.8	.4						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 266

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] 2 (STATION) FALLON, NV (STATION NAME) 73-75,77-92 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 16 (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	[illegible]	12.4	7.[illegible]	1.9	.4							25.2	6.2
NNE	1.0	7.[illegible]	5.6	.8								15.6	6.2
NE	[illegible]	6.4	1.5	.4								10.[illegible]	5.3
ENE	1.[illegible]	.[illegible]	.4									2.[illegible]	3.6
E	.4	1.1										1.[illegible]	4.3
ESE		.[illegible]		.4								1.1	8.3
SE		.4			.4							.[illegible]	11.[illegible]
SSE	.4											.4	3.[illegible]
S	.4	1.[illegible]	.[illegible]									2.6	5.9
SSW													
SW	.4	.4	.4									1.1	[illegible].3
WSW	.[illegible]	1.[illegible]		.4								2.6	5.4
W	.[illegible]	2.[illegible]	2.[illegible]	2.3	.8							8.[illegible]	9.1
WNW	1.9	2.3	.[illegible]	1.5								6.4	6.2
NW	1.1	3.[illegible]	[illegible].[illegible]	.4								8.[illegible]	6.[illegible]
NNW	1.[illegible]	2.5	3.[illegible]	.8								7.[illegible]	[illegible].1
VARBL													
CALM												4.5	
	16.5	43.6	25.2	[illegible].6	1.5							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 266

3

SMOS

*U.S. GPO 1984 741 348/201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	FALLON, NV	73-75, 77-82	SEP

ALL WEATHER
CLASS

19
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	5.3	6.3	2.3	.4	.4							18.0	4.4
NNE	6.3	3.9	1.1									10.9	3.7
NE	6.8	1.9										8.6	2.7
ENE	1.5	.4										1.9	2.6
E	1.1	1.1	.8									3.0	4.6
ESE		.8	.4	.4								1.5	7.3
SE	.4		.4	.4								1.5	7.8
SSE	.4			.4								.8	7.5
S													
SSW			1.1									1.1	8.7
SW	.4	.4										.8	3.0
WSW	1.1	.8										1.9	3.4
W	2.5	4.5	5.6	1.5								14.3	6.7
WNW	4.5	2.6	1.1									8.3	3.9
NW	2.6	2.6	.4	.4								6.0	4.5
NNW	2.3	3.0	.5	.4								6.4	4.8
VARBL													
CALM												15.0	
	38.8	28.6	14.3	3.8	.4							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 266

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] 2 (STATION) FALLON, NV (STATION NAME) 73-75,77-82 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.1	3.3	1.7	.6								7.9	5.6
NNE	1.2	.4	.4	.4								2.5	5.2
NE	2.1	.8	.4									3.3	4.1
ENE		.4										.4	5.0
E	.8	.4										1.2	3.3
ESE	.4			.4								.8	6.5
SE	.4	.4	.8									1.7	5.0
SSE	.8	1.2		.4								2.5	5.7
S	1.7	.8	.8									3.3	4.5
SSW	2.5											2.5	2.0
SW	4.1	1.2	.4									5.8	3.0
WSW	2.5	1.2	.8									4.1	3.4
W	8.1	5.4	.8									15.4	3.5
WNW	4.5	4.1	1.2									10.0	3.7
NW	2.9	1.7	.8									5.4	3.6
NNW	2.7	2.5	.8	.4								7.5	4.2
VARBL													
CALM												25.7	
	39.0	24.1	8.7	2.5								100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 241

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] (STATION) | FALLON, NV (STATION NAME) | 73-75,77-82 (YEARS) | SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.0	5.5	2.5	1.7	.2	.1						13.2	5.5
NNE	2.4	3.1	1.9	.7								7.7	5.6
NE	2.4	2.3	.4	.1								5.0	4.1
ENE	1.0	.4	.1	.1								1.7	3.5
E	.8	.7	.2									1.7	3.8
ESE	.8	.9	.2	.3								2.2	5.2
SE	1.1	.5	.3	.1	.1							2.0	4.6
SSE	2.2	.9	.3	.1								4.1	3.9
S	3.2	1.3	.6									5.2	3.6
SSW	1.4	.2	.2									1.8	3.0
SW	1.6	.9	.2									2.9	3.1
WSW	2.1	.8	.1	.1								3.1	3.3
W	4.1	3.1	1.7	.7	.2							9.7	5.1
WNW	2.9	2.1	.7	.3								6.0	4.3
NW	2.1	2.1	1.0	.2								5.4	4.7
NNW	2.4	3.1	1.4	.4								7.2	5.0
VARBL													
CALM												21.6	
	35.2	27.5	11.7	3.5	.4	.1						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 1573

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION [illegible] STATION NAME [illegible] YEARS 77 MONTH OCT

CLASS ALL WEATHER HOURS (L.S.T.) 04

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE	33.3											33.3	1.0
SSE													
S	33.3											33.3	2.0
SSW													
SW	33.3											33.3	2.0
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												.0	
	100.0											100.0	1.7

TOTAL NUMBER OF OBSERVATIONS 3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] FALL N. NV — STATION / STATION NAME
73-[illegible] — YEARS
OCT — MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7		.7	.7								2.0	6.2
NNE	1.2	.7										1.6	3.0
NE													
ENE	.7		.7									.7	5.5
E		.7										.7	4.0
ESE	1.2	.7										1.6	3.0
SE	2.0	.7										3.6	2.5
SSE	6.2	1.6	.7	.3								9.2	3.3
S	6.2	1.2	.3									7.9	2.4
SSW	1.6	.3		.7								2.3	3.6
SW	1.2	1.3	.7									3.6	3.8
WSW	2.3	.3										2.6	2.3
W	2.3	.7		.7								3.6	4.5
WNW	2.1											2.6	2.5
NW	.7	1.2	.3									2.0	4.2
NNW	.7	.7	.7									1.3	6.2
VARBL													
CALM												55.7	
	32.7	8.5	3.3	2.0								100.0	1.5

TOTAL NUMBER OF OBSERVATIONS 305

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] (STATION) [illegible] (STATION NAME) 73-82 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 1? (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.0	2.6	2.4	.3								7.	5.7
NNE	.3	.7	.7									1.6	6.0
NE		.4	.3									.7	7.3
ENE	.7	.7										1.4	4.0
E	2.0											2.0	1.8
ESE	1.6	.7										2.3	2.7
SE	3.0											3.0	1.9
SSE	2.0	1.3	1.3	.7								5.6	4.8
S	7.2	3.0	1.3	1.6								13.1	4.9
SSW	2.0	1.0										3.0	3.3
SW	2.0	1.3		.3								3.6	4.1
WSW	2.6	1.0	.7	.3								4.6	4.1
W	5.2	1.6	.7	.3								7.8	3.5
WNW	3.0	1.3										3.9	3.0
NW	1.4	.3	1.0	.3								3.1	5.4
NNW	3.6	1.6	1.7	.7	.3							7.9	5.5
VARBL													
CALM												29.6	
	39.0	17.0	9.8	3.9	.3							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 305

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION: [illegible] STATION NAME: [illegible] YEARS: 77-[illegible] MONTH: OCT

CLASS: ALL WEATHER HOURS (L S T): 17

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	5.5	7.4	2.0	.7								16.1	4.6
NNE	1.3	5.2	.3									6.8	4.2
NE	2.7	3.3	1.4									7.2	4.1
ENE	2.3	1.4	.7									3.7	3.4
E	2.1	.7										2.8	2.2
ESE	1.7	1.1										2.8	3.6
SE	.7		.7	.7	.7							1.8	5.4
SSE	1.3	1.1	.7									3.1	4.0
S	1.8	2.3	2.3	.7								6.9	4.1
SSW	1.4	.7	.7	.7								3.5	5.1
SW		.7			.3							1.0	4.3
WSW	1.4	1.5	.7	.3	.3							4.3	4.3
W	2.3	1.7	1.0	.3	.7							5.8	5.6
WNW	2.0	1.1		.3								3.4	4.3
NW	3.7	.7	.3	1.0								5.7	5.1
NNW	1.3	3.1	2.3	.7								7.4	6.2
VARBL													
CALM												14.1	
	32.1	33.4	12.4	4.9	1.5							100.1	4.4

TOTAL NUMBER OF OBSERVATIONS 3[illegible]

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS L S T _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS 73-82 MONTH OCT

CLASS ALL WEATHER HOURS (L S T) 19

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.[illegible]	[illegible]	.7								17.[illegible]	[illegible].2
NNE	[illegible]	[illegible]										[illegible].[illegible]	[illegible].7
NE	[illegible]	1.[illegible]										6.5	2.8
ENE	1.[illegible]	1.7										2.[illegible]	[illegible].4
E	.[illegible]											.7	1.[illegible]
ESE	.7		.[illegible]									.7	[illegible].0
SE	.7	.[illegible]	.[illegible]									1.[illegible]	[illegible].7
SSE	1.[illegible]	1.[illegible]										2.[illegible]	[illegible].5
S	1.[illegible]	1.[illegible]	.[illegible]	.3								[illegible].6	[illegible].1
SSW	.7		.7									1.7	[illegible].9
SW		1.[illegible]										1.[illegible]	[illegible].[illegible]
WSW	[illegible].[illegible]	.7	1.[illegible]	.7								[illegible].[illegible]	[illegible].[illegible]
W	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	1.[illegible]								11.[illegible]	[illegible].4
WNW	[illegible].[illegible]	[illegible].[illegible]	.[illegible]									[illegible].[illegible]	[illegible].7
NW	[illegible].[illegible]	[illegible].[illegible]										[illegible].[illegible]	[illegible].[illegible]
NNW	[illegible].[illegible]	1.[illegible]		.7								[illegible].[illegible]	[illegible].[illegible]
VARBL													
CALM												[illegible].[illegible]	
	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]								[illegible].[illegible]	[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] STATION | [illegible] STATION NAME | 73-82 YEARS | OCT MONTH

ALL WEATHER CLASS | 22 HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	.3	.7	.7		.3						3.5	7.2
NNE	.3	.7										1.0	4.3
NE	1.3	.7										2.0	2.3
ENE	1.5	.3										1.8	3.0
E	.7											.7	2.0
ESE	.3											.3	3.0
SE	1.0	.3										2.0	2.5
SSE	3.4	2.3										5.2	2.9
S	.4	1.6	1.6	.3								10.2	3.9
SSW	2.6	.7	.3									3.5	3.1
SW	1.3	1.0	.3									4.3	3.4
WSW	1.7	1.3										3.9	3.3
W	1.3	2.0	.7	.3								5.3	4.2
WNW	.7	2.3										3.0	3.9
NW	1.3	1.6	.3	.3								3.5	4.6
NNW	1.0	1.3	.7									3.0	4.1
VARBL													
CALM												41.0	
	34.1	16.7	4.3	1.6		.3						100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 305

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] (STATION) FALLON, NV (STATION NAME) 73-82 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.5	4.2	2.3	.7		.1						11.8	5.0
NNE	1.[illegible]	3.[illegible]	1.[illegible]									6.7	4.7
NE	1.7	2.1	.9									4.7	4.5
ENE	1.[illegible]	1.[illegible]	.2									2.7	3.9
E	1.3	.3										1.5	2.5
ESE	.8	.5	.1	.1								1.4	3.6
SE	1.[illegible]	.7	.5	.1	.1							2.0	3.7
SSE	2.2	1.8	.4	.2								5.1	3.7
S	3.2	1.6	1.1	.6								7.5	4.5
SSW	1.4	.4	.2	.2								2.2	4.2
SW	1.2	.8	.2	.1	.1							2.4	4.4
WSW	1.7	.3	.5	.4	.1							3.6	5.2
W	3.7	1.7	.2	.9	.2							7.1	5.2
WNW	2.8	1.4	.1	.2								3.7	4.2
NW	1.7	1.3	.7	.3								4.[illegible]	5.2
NNW	2.1	1.7	1.3	.3	.1							5.[illegible]	5.3
VARBL													
CALM												28.4	
	33.0	23.3	10.2	4.8	.4	.1						100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 1333

SMOS

*U.S. GPO 1984 741 348 201

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[redacted] FALLON, NV 73 NOV
STATION STATION NAME YEARS MONTH

ALL WEATHER 24
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			100.0									100.0	8.0
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												.0	
			100.0									100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 1

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] (STATION) FALLON, NV (STATION NAME) 73-92 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 07 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	.3	.3	.7								2.4	6.0
NNE	.7		.7									1.0	4.7
NE	1.4	.3										1.7	2.4
ENE	1.0											1.1	2.0
E	1.7	.3	.3									2.4	2.6
ESE	1.0	.7										1.7	3.0
SE	1.7	.3	.7	.3								2.7	4.8
SSE	3.1	2.4	.3									5.8	3.5
S	4.4	3.7	.7	1.0								9.8	4.4
SSW	2.0											2.0	2.0
SW	1.7	1.7										3.4	3.4
WSW	1.4	.3	.7	.3								2.7	5.6
W	2.7	.3	.7									3.7	3.4
WNW	1.4	.1	.3									2.1	3.3
NW	1.7	1.4										3.1	3.2
NNW	2.0	.7	.7									3.4	3.6
VARBL													
CALM												51.7	
	23.4	12.9	4.7	2.4								100.0	1.8

TOTAL NUMBER OF OBSERVATIONS 295

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION: [illegible] | STATION NAME: FALLON, NV | YEARS: 73-82 | MONTH: NOV

CLASS: ALL WEATHER

HOURS (L S T): 10

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.5	1.0	2.7									6.3	5.1
NNE	2.4	1.5	.7	.7								4.7	4.9
NE	1.4	.3										1.7	2.4
ENE	.7	1.1	.7									2.4	4.9
E	1.4	.3	.3									2.0	3.2
ESE	.7	.3	.7									1.4	4.8
SE	1.0	.3	.7		.3							2.4	6.4
SSE	2.4	2.7	2.0	.7	.3							8.1	6.0
S	4.7	2.0	1.7	1.0	.3							9.8	5.4
SSW	1.7	1.4	.7	.3								4.1	4.6
SW	1.4			1.7								3.0	6.9
WSW	1.7		.3		.3							2.4	5.7
W	2.0	1.7	.7	.3	.3							5.1	5.2
WNW	.7	1.0		.3								2.0	5.3
NW	.7	.7										1.4	3.3
NNW	1.7	.7	1.4	.3								4.1	5.8
VARBL													
CALM												35.9	
	27.4	14.5	12.3	5.4	1.7							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 296

3

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
[illegible]	FALLON, NV	73-82	NOV

CLASS: ALL WEATHER

HOURS (L S T): 17

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.4	1.7	3.4	.3								9.8	5.3
NNE	3.4	2.4	1.6									7.1	4.3
NE	3.4	2.4	.3									6.1	3.5
ENE	4.4	1.7	.7									6.8	3.4
E	1.4											1.4	1.8
ESE	.7	1.0	.7									2.4	5.0
SE	.7	.3				.3						1.0	9.3
SSE	2.7	1.4	.7	.3								5.1	4.1
S	.7	3.4	2.0	.3		.7						5.4	7.0
SSW	.7	.7	.7	1.0								2.4	9.3
SW	2.1		.7	1.0	.3							4.1	7.8
WSW	.7	.7	.3	1.0	1.0							3.7	11.5
W	1.0	1.7	.7	1.7		.3						5.4	8.7
WNW	.7	.7	2.4	.7								4.4	7.4
NW	2.4	1.7	1.0									5.1	4.3
NNW	3.4	1.7	.7	1.4								6.8	5.6
VARBL													
CALM												23.1	
	31.5	20.0	15.3	7.8	1.4	1.0						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 295

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] 2 (STATION) | [illegible] NC (STATION NAME) | 73-8[illegible] (YEARS) | NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.1	6.1	2.7	1.4	.7							14.5	5.9
NNE	6.3	3.8	7.1									18.4	4.4
NE	5.[illegible]	8.5	2.[illegible]									16.[illegible]	4.3
ENE	1.7	3.4	1.[illegible]									6.1	4.6
E	1.4		.7									1.7	3.2
ESE	.7	.3										1.[illegible]	3.[illegible]
SE	1.[illegible]	.3										1.4	3.[illegible]
SSE		.7	.7	.3								1.4	7.8
S	1.[illegible]	2.[illegible]										3.1	4.2
SSW	.[illegible]	.3	.7	1.0								2.4	5.2
SW	.[illegible]		1.4	.7								2.4	9.3
WSW	.[illegible]		1.[illegible]	.3								1.7	5.[illegible]
W	.7	2.[illegible]	3.4	1.[illegible]	.3							7.[illegible]	7.[illegible]
WNW	.3	.3	.7									1.4	5.9
NW	2.[illegible]	2.[illegible]	.[illegible]									4.4	4.[illegible]
NNW	1.4	3.7	.7									5.[illegible]	4.8
VARBL													
CALM												10.[illegible]	
	27.[illegible]	38.8	17.7	4.8	.7							1[illegible].[illegible]	4.7

TOTAL NUMBER OF OBSERVATIONS 294

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS 77-82 MONTH NOV

CLASS ALL WEATHER HOURS (L S T) 19

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	7.5	3.1	1.5	.7								12.7	3.9
NNE	2.4	.3										2.5	2.5
NE	2.7	1.7										4.4	3.2
ENE	.3	.3	.7									1.3	4.7
E	.7	.7										1.4	3.7
ESE	1.4	.3	.7									2.4	4.9
SE	1.7	.3										2.1	2.2
SSE	.7	1.0	1.0	.7								3.1	6.2
S	.7	1.0	.7									2.4	4.6
SSW	1.0	.7		.7								2.4	5.9
SW	.7	.7	.7									1.4	5.0
WSW		1.4	1.4		.3							3.1	7.9
W	1.1	1.4	1.4	.3								3.1	4.4
WNW	1.0	.3	.7	.3								2.4	5.7
NW	1.7	1.4	.7	.7								4.1	5.3
NNW	2.0	2.4	1.0									5.4	3.7
VARBL													
CALM												39.6	
	31.1	17.1	9.2	2.7	.3							100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 293

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION: [illegible] | STATION NAME: [illegible] N/ | YEARS: 73-[illegible] | MONTH: NOV

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	.7	.7									2.7	4.6
NNE	2.1											2.1	2.2
NE	.4	.3										.7	3.1
ENE	.4	.3										.7	2.5
E	.7											.7	2.4
ESE	.7	.4										1.1	3.7
SE	1.4	1.1										2.5	3.0
SSE	3.1	2.5	1.1	.4								6.9	3.7
S	7.2	4.2	1.1		.4							12.6	4.1
SSW	2.1			.4								2.5	4.2
SW	2.7		.4									3.2	2.2
WSW	1.1	.7	.7									2.5	4.5
W	2.5	1.1		.4								4.3	3.6
WNW	1.4	1.1	.7									3.2	4.8
NW	.4	1.4	.7									2.5	5.7
NNW	1.4	2.5										4.0	3.9
VARBL													
CALM												45.1	
	42.3	16.7	5.4	1.1	.4							130.0	2.1

TOTAL NUMBER OF OBSERVATIONS 278

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] (STATION) | FALLON, NEV (STATION NAME) | 73-82 (YEARS) | NOV (MONTH)

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.2	2.2	1.6	.5	.1							8.7	5.1
NNE	2.1	2.1	.2	.1								4.7	4.1
NE	2.2	2.3	.4									5.0	3.8
ENE	1.2	1.1	.1									3.4	3.5
E	1.2	.2	.2									1.7	3.6
ESE	.3	.3	.2									1.7	4.2
SE	1.2	.5	.2	.1	.1	.1						2.2	4.5
SSE	2.4	1.3	.3	.2	.1							5.4	4.6
S	3.1	2.5	1.2	.4	.1	.1						7.1	4.9
SSW	1.3	.5	.3	.6								2.7	5.3
SW	1.4	.9	.5	.6	.1							3.9	6.3
WSW	.2	.2	.7	.3	.3							2.7	7.6
W	2.1	1.4	1.1	.6	.1	.1						5.7	5.9
WNW	.5	.2	.3	.2								2.2	5.2
NW	1.5	1.4	.5	.1								3.4	4.3
NNW	2.3	1.9	.7	.3								5.2	4.6
VARBL													
CALM												24.3	
	27.7	23.9	10.3	4.1	.7	.3						100.2	3.2

TOTAL NUMBER OF OBSERVATIONS 1752

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH DEC

CLASS _____ HOURS (L S T _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.7	.3	1.0	.7								4.7	2.1
NNE	.7	.7										1.4	4.0
NE	2.0	.3	.7	.3								3.3	3.0
ENE	1.0	.3										1.4	3.7
E	1.0	.7	.7									2.4	3.4
ESE	1.0											1.0	2.3
SE	.7	1.7										2.4	2.9
SSE	3.1	2.4	.7	.7								7.1	4.2
S	3.1	7.6	3.4	.7								15.5	5.2
SSW	1.0	.7	1.0									2.7	4.0
SW	.3		.7	.7								1.7	5.1
WSW	1.4	.7										2.0	2.3
W	1.7	.7	.7	.3								3.4	4.2
WNW	.7	.7										.7	3.0
NW	1.7	.3	.7									2.7	4.3
NNW	1.4	1.0										.7	3.0
VARBL													
CALM												42.0	
	24.4	17.3	7.8	2.7								100.1	2.2

TOTAL NUMBER OF OBSERVATIONS 295

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH DEC

ALL WEATHER
CLASS

HOURS (L S T) 13

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T) _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH DEC

CLASS ALL WEATHER HOURS (L S T 16

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.4	2.4	1.6	.3							18.7	4.5
NNE	.4	3.1	.7									16.2	4.0
NE	.2	2.3										12.2	3.9
ENE	1.7	2.3	.7									5.1	4.4
E		.2	.2	.3								1.2	7.7
ESE	.2	.2	.2									1.0	4.3
SE	.2	1.2		.2								3.4	4.2
SSE	1.2	1.0	1.0	1.2								4.7	7.1
S	.2	.2	.2									4.1	5.3
SSW	.2		1.2	1.2								2.4	9.9
SW				.7		.2						1.2	19.2
WSW	.2	.2	.2	.2								2.0	6.2
W	.2		1.2	1.7	.2							3.4	11.7
WNW	.7	1.0	.2	.3								2.2	5.5
NW	.2	2.4	.7	.2								4.1	5.8
NNW	.7	1.2	2.2									4.4	5.5
VARBL													
CALM												13.2	
	1.2	24.2	12.2	7.4	.7	.2						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 296

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS 74-[illegible] MONTH DEC

CLASS ALL WEATHER HOURS (L S T) 19

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	1.1									6.5	3.7
NNE	[illegible]	.7		.4	.4							6.2	4.2
NE	[illegible]	1.4	.4									4.0	3.4
ENE	1.8	.7										2.5	2.9
E	1.8	1.1	.4									2.9	4.3
ESE	.4											.4	2.5
SE	1.1	1.4										2.5	3.4
SSE	1.4	2.1	.4	.4								4.3	5.2
S	1.5	1.1	1.1		.4							5.1	6.4
SSW	[illegible]	.4	.4									2.5	3.6
SW	.4		.4	.4		.4						1.4	13.5
WSW	.7		.4	.4								1.4	5.8
W	[illegible]	1.4	.7									6.1	3.7
WNW	1.1	.7	1.5									4.0	4.9
NW	[illegible]	1.1	.4									4.2	3.5
NNW	[illegible]	2.5	.7	.4								6.5	4.4
VARBL													
CALM												[illegible]	
	34.7	17.[illegible]	8.7	1.5	.7	.4						100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 277

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | 73-77,79-82 YEARS | DEC MONTH

ALL WEATHER CLASS | 22 HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	.5	1.8	.5								3.6	6.5
NNE	.5	.9										1.4	3.3
NE	.5	.5										1.4	3.8
ENE													
E	.5	.5										.9	3.5
ESE	1.4	.5										2.7	2.7
SE	.5	.5										1.4	3.0
SSE	2.7	4.1	1.4	.5								8.1	4.9
S	4.5	1.4	.5	1.4								12.2	4.0
SSW	3.6		.5	.9								5.0	5.2
SW	1.4	.5		.5								2.7	4.5
WSW	3.6	.5		.5								4.5	3.6
W	3.2	.5	.5									4.1	3.6
WNW	1.8	.5										2.3	2.6
NW		.5	1.4									1.8	6.8
NNW	1.4											1.4	2.7
VARBL													
CALM												46.6	
	31.2	11.3	6.8	4.1								100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 221

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION: [illegible] | STATION NAME: FALLON, NV | YEARS: 73-80 | MONTH: DEC

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	2.3	1.0	.5	.2							5.7	5.1
NNE	3.3	2.5	.9	.3	.1							6.4	4.1
NE	2.6	1.9	.2	.1								4.7	3.6
ENE	1.3	.8	.1									2.6	3.4
E	.8	.9	.2	.1								1.0	4.0
ESE	1.1	.4	.1	.1								1.6	3.7
SE	2.1	1.2	.1	.2								3.6	3.9
SSE	2.6	2.4	1.1	.7								6.7	5.2
S	4.1	2.3	2.0	.9	.1							9.2	5.4
SSW	1.7	.5	.5	.3		.1						3.0	5.4
SW	.7	.2	.2	.5	.1	.2						2.0	9.7
WSW	1.4	.5	.3	.3	.1							2.6	5.5
W	1.6	.7	.7	.5	.1	.1						3.5	5.9
WNW	.2	.7	.3	.1								2.3	4.8
NW	1.2	1.2	.7	.1								3.1	4.8
NNW	1.7	1.2	.2	.4	.1		.1					4.2	5.7
VARBL													
CALM												33.9	
	32.5	19.7	7.4	4.9	.7	.4	.1					100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 1688

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] 7 (STATION) | FAELDA, NC (STATION NAME) | 73-92 (YEARS) | ALL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.1	3.1	3.2	.9	.1	.0						10.1	5.7
NNE	2.5	2.5	1.1	.2	.0							6.2	4.9
NE	1.7	1.1	.4	.1								4.3	4.2
ENE	1.2	1.2	.7	.0								3.1	4.0
E	1.1	.7	.3	.0	.0							2.2	3.8
ESE	.3	.6	.2	.1	.0							1.2	4.7
SE	1.3	.3	.2	.1	.0	.0						2.0	4.6
SSE	2.1	1.5	.7	.2	.0	.0						4.7	4.9
S	3.3	2.1	1.2	.5	.1	.0		.0				7.0	5.2
SSW	1.4	.8	.6	.2	.1	.0	.0					3.0	5.4
SW	1.3	.7	.5	.4	.2	.1	.0					3.1	6.7
WSW	1.3	1.0	.7	.5	.1	.1	.0	.0				3.7	6.4
W	3.2	2.5	2.4	1.4	.3	.1	.0					9.8	5.7
WNW	1.6	2.2	1.5	.6	.1	.0						6.1	6.0
NW	1.5	2.2	1.3	.4	.1							5.5	5.8
NNW	1.9	2.4	1.6	.4	.1	.0	.0					6.7	5.9
VARBL													
CALM												21.2	
	29.2	27.2	14.7	6.7	1.2	.3	.0	.0				100.1	4.4

TOTAL NUMBER OF OBSERVATIONS 21143

3

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] (STATION) FALLON, NV (STATION NAME) 73-82 (YEARS) ALL (MONTH)

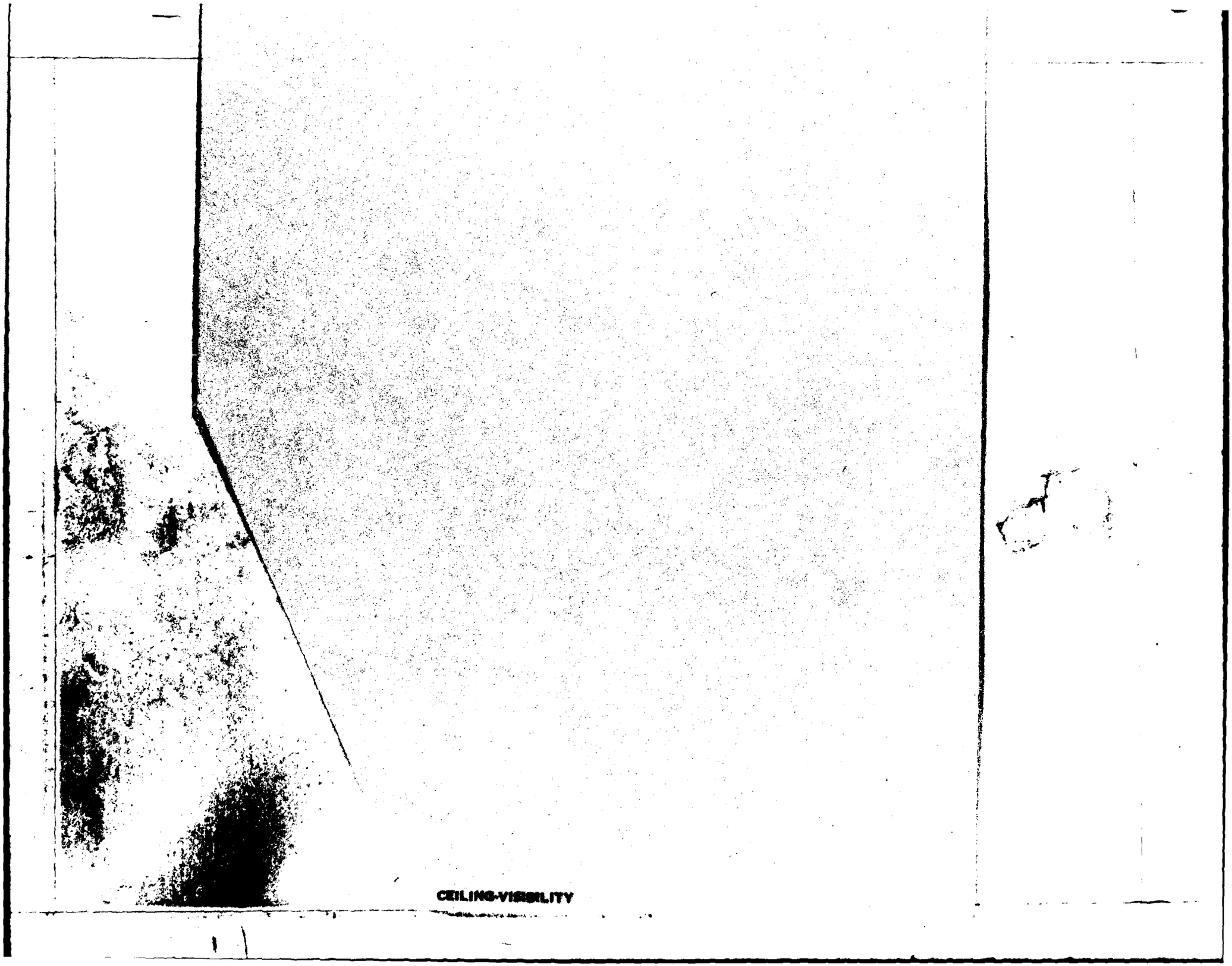
INSTRUMENT (CLASS) ALL (HOURS (L S T))

CIG 200 TO 1400 FT W/VSBY 1/2 MI OR MORE, AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE (CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	3.2	3.0	3.9	1.7	.4						15.7	9.3
NNE	[illegible]	2.4	.9									8.7	3.6
NE	1.7		.4									2.2	3.6
ENE	.4	.9										.9	3.5
E	.4		.9									.9	4.5
ESE	1.7	.4	.4									2.6	3.5
SE		.4										.4	4.0
SSE	1.7	.9	.4									2.6	4.0
S	[illegible]	.9	.4			.9						4.3	5.6
SSW	.4	.9	.9			1.7						3.5	12.9
SW	1.7	.4		.4	.9	.9						4.3	12.1
WSW	.9	.4		.4	.9	.4						3.5	12.1
W	[illegible]	1.7	.9	.4			.4					5.2	6.6
WNW	1.3	.4	.9	.4		.4						3.0	8.9
NW	1.3	1.7	1.7		.9							4.3	7.0
NNW	1.7	1.7	3.1	2.2								8.7	6.2
VARBL													
CALM												26.7	
	[illegible]	14.8	13.0	7.8	3.9	[illegible]	.4					100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 230

SMOS


CEILING-VISIBILITY

NOCD, Federal Building
Asheville, N. C.

PART D CEILING VERSUS VISIBILITY

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

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

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

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

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1⅞	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 1800																
≥ 1500					91.0											92.6
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500										97.4						98.1
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0					95.4		96.9			98.3						100.0

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

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

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

PART D

ADDITIONAL EXAMPLES

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

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

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

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

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

PART D SKY COVER

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

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

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

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

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

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

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

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

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS L S T

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS L.S.T.

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

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS L S T

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

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

DIRNAVOCEANMET 5MOS

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 _____

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

DMA/AVOCEANMET 6/80S

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 _____

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS L S T

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
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≥ 600																
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≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

DIP .AVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS _____

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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≥ 10000																
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≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.) _____

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L.S.T.) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

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																
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≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET 3305/3

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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
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≥ 12000																
≥ 10000																
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≥ 600																
≥ 500																
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≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS

DUPLICATE SHEET

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, N.C.

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST)

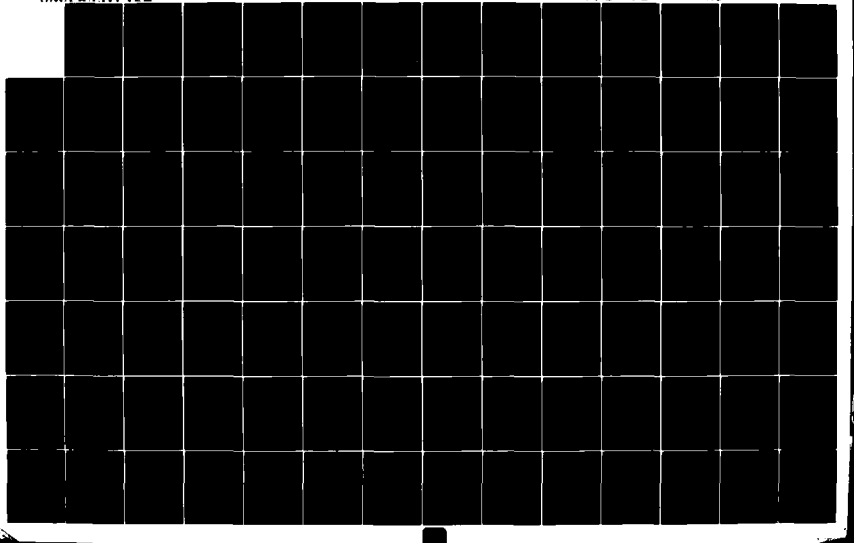
CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
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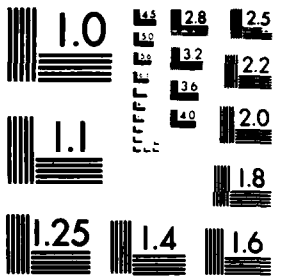
TOTAL NUMBER OF OBSERVATIONS

DD FORM 1000, JUL 65

AD-A150 481 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) FALLON NEVADA(U) NAVAL OCEANOGRAPHY COMMAND DETACHMENT ASHEVILLE NC AUG 84 3/4

UNCLASSIFIED F/G 4/2 NL





MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963 A

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

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

TOTAL NUMBER OF OBSERVATIONS _____

DIPNAVOCEANMET SMOS

3

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
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≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T) 1

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	62.7	[illegible]	[illegible]	[illegible]	[illegible]	62.7	[illegible]	[illegible]	62.7	62.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 20000	[illegible]	69.7	[illegible]	[illegible]	[illegible]	[illegible]	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 18000	[illegible]	71.0	[illegible]	71.0	71.0	[illegible]	71.0	71.0	71.0	71.0	71.0	71.0	[illegible]	[illegible]	71.0	71.0
≥ 16000	[illegible]	71.0	[illegible]	71.0	71.0	[illegible]	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 14000	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 12000	76.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 10000	[illegible]	[illegible]	84.0	84.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 8000	[illegible]	86.3	[illegible]	[illegible]	[illegible]	[illegible]	86.3	[illegible]	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 6000	[illegible]	87.7	87.7	87.7	87.7	[illegible]	87.7	[illegible]	[illegible]	88.0	88.0	88.0	[illegible]	88.0	[illegible]	[illegible]
≥ 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 4500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

DIRNAVOCEANMET SMOS

3

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | 77-78,80-82 YEARS | APR MONTH

22 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	69.6	75.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 20000	75.6	76.7	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 18000	75.6	76.7	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 16000	75.6	76.7	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 14000	77.4	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 12000	81.1	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 10000	85.0	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 9000	86.5	86.7	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 8000	87.4	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 7000	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 6000	89.6	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 5000	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 4500	93.7	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 4000	96.2	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 3500	96.2	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 3000	96.6	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2500	97.9	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2000	98.0	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1800	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1500	98.3	98.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	98.7	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	98.7	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	98.7	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.7	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.7	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.7	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.7	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.7	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.7	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.7	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.7	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	98.7	98.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2[illegible]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

3

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible]	77-88	SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T) ALL

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	[illegible]
≥ 20000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 18000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 16000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 14000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 12000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 10000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 9000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 8000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 7000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 6000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 5000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 4000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 3000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 2000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 900	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 600	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 500	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 200	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 100	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
≥ 0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100.0

TOTAL NUMBER OF OBSERVATIONS 1777

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

3

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS 1

DIPNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

3

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

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

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

DIPNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T) 1

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

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS L.S.T.

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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 MAY

HOURS (L S T) ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING							69.5			69.2						
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

3

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

DIPNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS 73 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 _____ 1

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILIT

3

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																
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TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

3

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T) _____

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

DIPNAVOCEANMET SMOS

3

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1 HOURS (L.S.T.)

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

DIRNAVOCEANMET SMOS

3

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

DIPNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

3

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

3

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 5/OS

3

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																
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TOTAL NUMBER OF OBSERVATIONS _____

SUPPLANTS DEA 53-7 E T 5-75 (5)

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 _____

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NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (LST) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILIT

3

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
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 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																
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≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

3

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

3

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ 73- 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																
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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 _____ 1 - 4

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

3

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

3

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS 77 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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≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS _____ 5

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.) _____

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, 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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
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≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

DIPNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS _____

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

TOTAL NUMBER OF OBSERVATIONS _____

DIPNAVOCEANMET 5605

NAVAL WEATHER SERVICE DETACHMENT, ALAMEDA, CALIF.

CEILING VERSUS VISIBILI

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	≥
NO CEILING															
≥ 20000															
≥ 18000															
≥ 16000															
≥ 14000															
≥ 12000															
≥ 10000															
≥ 9000															
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≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500															
≥ 400															
≥ 300															
≥ 200															
≥ 100															
0															

TOTAL NUMBER OF OBSERVATIONS

CWB/AA/OCEANVET

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

TOTAL NUMBER OF OBSERVATIONS _____

DIFNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
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≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS L S T _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

3

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
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≥ 900																
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≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
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0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS 72-75, 77-__ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T) 17

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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≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

3

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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
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≥ 800																
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≥ 600																
≥ 500																
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≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

3

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS 77-1 , 77-3 MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥
NO CEILING	77.		7 .	7 .	7 .	7 .	7 .	7 .	7 .	7 .	7 .	7 .	7 .	7 .	7 .	7 .
≥ 20000	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	.
≥ 18000	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	.
≥ 16000	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	.
≥ 14000	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	.
≥ 12000	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	.
≥ 10000	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	.
≥ 9000	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	.
≥ 8000	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	.
≥ 7000	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	.
≥ 6000	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	.
≥ 5000	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	.
≥ 4500	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	.
≥ 4000	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	.
≥ 3500	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	.
≥ 3000	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	.
≥ 2500	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	.
≥ 2000	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	.
≥ 1800	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	.
≥ 1500	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	.
≥ 1200	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	.
≥ 1000	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	.
≥ 900	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	.
≥ 800	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	.
≥ 700	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	.
≥ 600	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	.
≥ 500	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	.
≥ 400	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	.
≥ 300	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	.
≥ 200	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	.
≥ 100	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	.
0	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	.

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS L S T

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 _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS 73-77 MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS EST

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 (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																
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TOTAL NUMBER OF OBSERVATIONS _____

DIFNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, U.S. NAVAL BASE, [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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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 (LST)

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

[illegible]

NAVAL WEATHER SERVICE DETACHMENT, A. REVISED [illegible]

CEILING VERSUS VISIBIL

STATION | STATION NAME | YEARS | MONT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS

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

[illegible]

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 5M0S

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

_____ HOURS (EST)

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 5P05

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																
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILIT

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	≥
NO CEILING																
≥ 20000																
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TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

3

STATION | STATION NAME | YEARS | MONTH

HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

DIPNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

3

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS L S T _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILIT

3

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
NO CEILING															
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TOTAL NUMBER OF OBSERVATIONS _____

DIPNAVOCEANMET SMOS

3

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L.S.T.) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

3

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																
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

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

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

3

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS L.S.T.

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

DEPARTMENT OF THE NAVY — NWSO

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																
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TOTAL NUMBER OF OBSERVATIONS

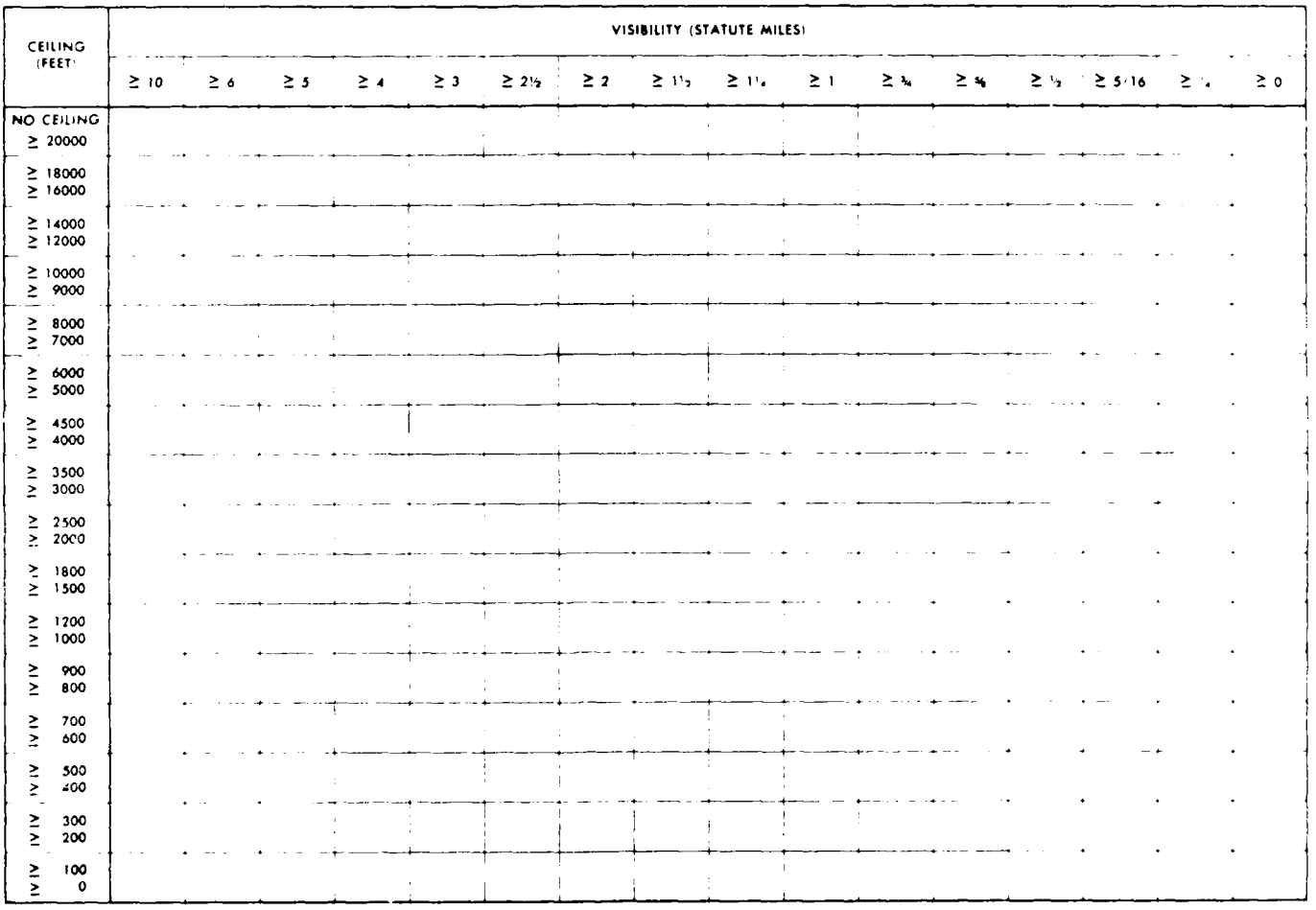
NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS L S T



TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANCOMCEN 3070/3

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	≥ 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																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
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≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

DIR NAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L.S.T.) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

16
HOURS (L S T)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

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

TOTAL NUMBER OF OBSERVATIONS _____

DIPNAVOCEANMET SMDS

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

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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
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≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

DIPNAVOCEANMET SMOS

3

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																
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≥ 8000																
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≥ 900																
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≥ 700																
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≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS

DMA/AVOCEANMET SMOS

3

SKY COVER

STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

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SKY COVER

STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

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SKY COVE

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		
		11.			2 .5						21.7	34.2	.7	
		1 .7			.4						22.	27.-	.6	
	1	4.7			1 .7						22.	34.2	7.7	
		2.7			.7						1 .5	2.1	1.7	
		.4			2.5						2 .4	11.7	.7	
	17	1 .5			1 .4						11.	11.2	1.7	
TOTALS		.			.7						2 .	12.2	.7	1

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SKY COVI

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	TOTA NO. 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		
		[illegible]			[illegible]						21.[illegible]	17.1	[illegible]	[illegible]
	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]			[illegible]						30.	[illegible]	[illegible]	[illegible]
		[illegible]			[illegible]						[illegible]	21.[illegible]	[illegible]	[illegible]
		[illegible]			[illegible]						1[illegible]	1[illegible]	[illegible]	[illegible]
TOTALS		[illegible]			[illegible]						27.9	19.9	[illegible].6	[illegible]

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SKY COVER

STATION _____ STATION NAME _____ PERIOD _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

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SKY COVER

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		
		51.2			33.2						1.1	4.3	2.4	
		4.5			3.3						1.1	3.2	2.5	
		3.1			33.5						1.5	2.9	2.3	
		22.			51.6						1.	4.5	2.9	
		27.7			45.6						22.6	4.	4.2	
		4.7			71.1						14.	5.7	2.8	
TOTALS		2.			41.						15.	5.	2.2	1.4

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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 73-75,77-82 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		
		21.			27.4						12.	7.	2.	
	10	4 .			2 .6						1 .5	6.	2.9	
	1	3 .			3.5						1 .8	7.	3.5	
		3 .			3 .7						1 .9	6.	3.6	
		4 .7			3 .7						1 .7	7.9	.4	
	2	5 .7			29.7						1 .7	7.1	2.4	
TOTALS		4 .5			31.7						14.3	7.3	2.1	15 71

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SKY COVER

STATION _____ STATION NAME _____ PERIOD _____ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
		31.[illegible]			[illegible].5						2[illegible].3	14.[illegible]	4.5	[illegible]
	[illegible]	2[illegible].[illegible]			3[illegible].0						[illegible]1.[illegible]	1[illegible].1	4.[illegible]	[illegible]
	1[illegible]	24.[illegible]			[illegible].4						[illegible]2.3	14.4	4.6	[illegible]
	[illegible]	24.[illegible]			[illegible].1						[illegible].6	1[illegible].4	4.[illegible]	[illegible]
	1[illegible]	3[illegible].[illegible]			[illegible]3.4						1[illegible].[illegible]	14.1	[illegible].[illegible]	[illegible]
	[illegible]2	47.[illegible]			24.[illegible]						1[illegible].1	14.1	[illegible].3	[illegible]
TOTALS		[illegible]0.4			[illegible]3.[illegible]						20.[illegible]	14.1	4.2	1[illegible]7

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SKY COVER

STATION _____ STATION NAME _____ PERIOD _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
		31.			23.2						31.2	27.4	.2	
		11.1			23.4						29.4	26.2	.3	
	10	1 .			27.8						34.7	24.7	.6	
		19.7			21.						29.5	28.6	.5	
		27.			21.3						21.7	27.6	.5	
		3 .4			22.7						23.1	27.1	.1	27
TOTALS		.2			21.3						29.0	25.6	.	1

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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		
		1 .6			.5						27.1	26.	.	2
	1	1 .			30.						24.3	2 .	.	
	1	1 .			.1						31.	27.1	6.4	
		.			2.4						.1	9.1	4.5	
		20.2			0.1						.	6.7	5.5	277
	2	.			1.3						22.	22.	.1	
TOTALS		1 .			.3						.	26.7	.9	1

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SKY COVER

STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
	ALL	11.[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]			24.[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
		14.[illegible]			[illegible]						[illegible]	26.[illegible]	[illegible]	[illegible]
		[illegible]			35.[illegible]						27.[illegible]	19.[illegible]	[illegible]	[illegible]
		[illegible]			[illegible]						[illegible]	11.[illegible]	4.[illegible]	[illegible]
JUL		[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
TOTALS		[illegible]			32.[illegible]						23.[illegible]	[illegible]	[illegible]	2111

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NCDC, 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.

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

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

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

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

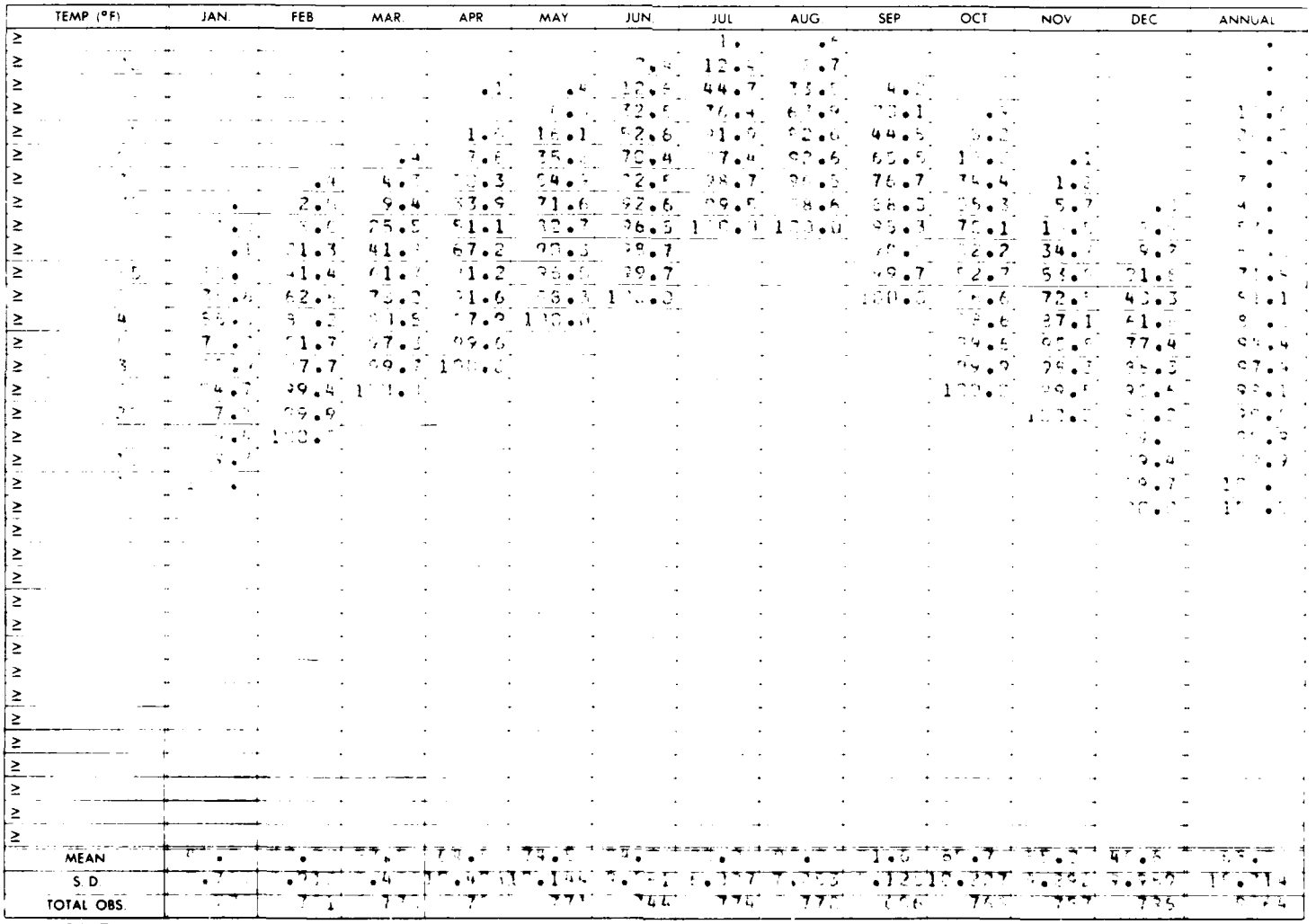
b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

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

DAILY TEMPERATURES

STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

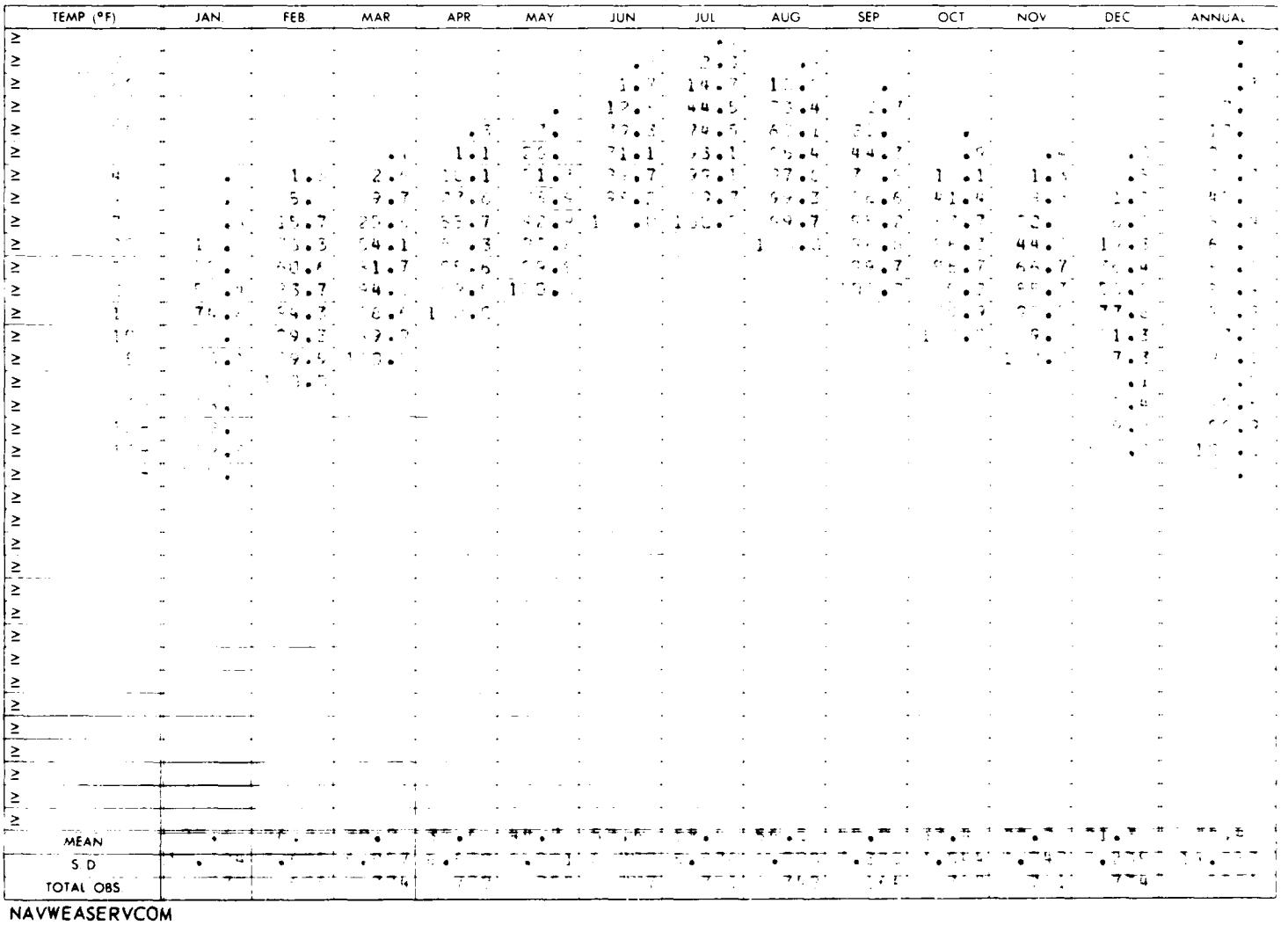


NAVWEASERVCOM

DAILY TEMPERATURES

STATION STATION NAME YEARS

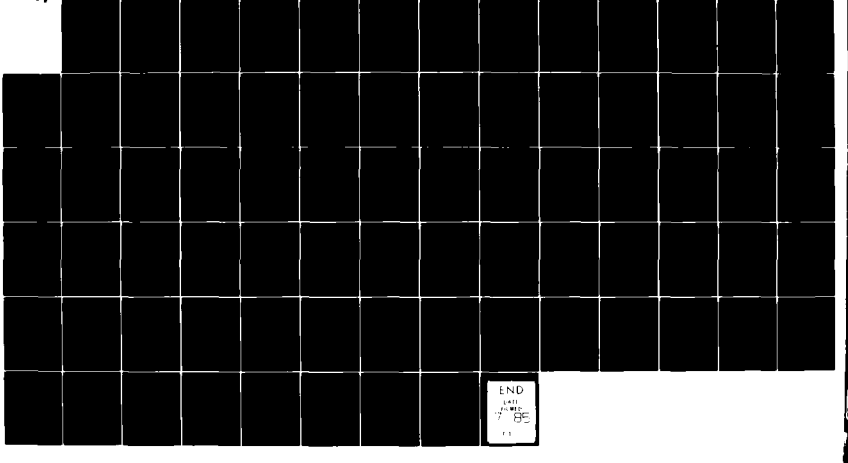
CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)



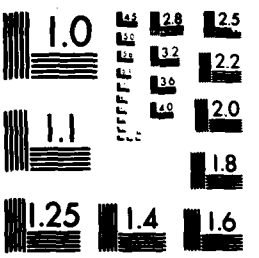
NAVWEASERVCOM

AD-A150 491 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) FALLON NEVADA(U) NAVAL OCEANOGRAPHY COMMAND DETACHMENT ASHEVILLE NC AUG 84 4/4

UNCLASSIFIED F/G 4/2 NL



CLASSIF



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963 A

DAILY TEMPERATURES

STATION [illegible] STATION NAME FALLON, NV YEARS 57-87

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥ [illegible]						.3	3.6	1.1					.4
≥ [illegible]						4.7	24.9	18.3	.3				4.0
≥ 75					1.1	22.1	64.1	52.0	3.7				17.3
≥ 70				.1	9.9	47.9	89.6	78.8	32.2	1.9			21.7
≥ [illegible]				2.8	31.3	72.4	98.0	93.1	58.0	7.8			31.9
≥ [illegible]		.1	.9	14.5	55.8	87.8	99.6	97.8	77.6	27.1	.5	.1	37.9
≥ 55	.3	2.2	8.9	31.9	74.5	95.8	100.0	100.0	90.8	48.9	3.9	.4	45.7
≥ 50	2.3	8.6	22.7	54.2	88.6	99.2			96.5	70.6	16.0	3.1	54.5
≥ 45	10.1	25.9	47.4	75.9	96.6	100.0			99.2	88.3	40.3	11.1	65.6
≥ 40	33.2	53.1	72.4	92.5	99.1				100.0	95.6	65.1	27.5	77.1
≥ 35	47.8	76.5	90.4	98.8	99.9					99.1	83.4	50.5	86.8
≥ 32	61.4	92.1	98.3	99.9	100.0					99.7	93.4	72.9	93.5
≥ 20	84.4	98.2	99.9	100.0						99.9	98.5	38.6	97.4
≥ 20	91.9	99.6								100.0	100.0	95.9	99.9
≥ 15	96.4	99.9	100.0									97.8	99.5
≥ 10	98.4	100.0										98.7	99.7
≥ 5	99.7											99.2	99.9
≥ 0	100.0											99.7	100.0
≥ [illegible]												100.0	100.0
≥													
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MEAN	33.[illegible]	37.8	44.1	55.5	69.0	81.5	86.0	84.0	75.1	59.3	47.7	34.2	59.4
S. D.	9.277	7.215	7.180	7.635	7.919	7.217	5.048	5.976	7.481	8.113	7.553	8.307	16.408
TOTAL OBS.	777	695	774	722	756	757	740	742	664	741	737	774	9812

NAVWEASERVCOM

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

[illegible]2	FALL N, N.	1953-1982	JANUARY
STATION	STATION NAME	YEARS	MONTH

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	[illegible]7.[illegible]	-2.3	[illegible]0	4.4	56	13.3	1981*	15.7	-9.1	-[illegible]	-20.6	1975
2	[illegible]6.5	-3.1	38.1	3.4	5[illegible]	14.4	1981	14.[illegible]	-9.6	-3	-19.4	1975
3	[illegible]7.[illegible]	-2.8	39.[illegible]	3.9	6[illegible]	15.6	1962	15.[illegible]	-9.4	-3	-19.4	1975*
4	[illegible]7.1	-2.2	40.7	4.8	54	12.2	1981*	15.4	-9.2	-7	-21.7	1972
5	[illegible]6.3	-1.5	42.2	5.7	58	14.4	1965	16.4	-8.7	-4	-20.0	1971
6	[illegible]0.[illegible]	-.9	44.2	6.8	62	16.7	1969	16.9	-8.4	-9	-22.8	1982
7	[illegible]6.8	-1.2	43.4	6.3	69	20.6	1969	16.2	-8.8	-17	-27.2	1982
8	[illegible]1.3	-.4	43.6	6.4	61	16.1	1966	18.5	-7.5	-14	-25.6	1982
9	[illegible]2.[illegible]	.3	45.1	7.[illegible]	61	16.1	1963*	19.8	-6.8	-[illegible]	-22.2	1982
10	[illegible]2.2	.1	44.1	6.7	63	17.2	1971	20.3	-6.5	-7	-21.7	1982
11	[illegible]1.4	-.3	43.1	6.2	62	16.7	1959	19.6	-6.9	-6	-21.1	1982
12	[illegible]3.[illegible]	1.2	46.2	7.9	64	17.8	1980	22.2	-5.4	-11	-23.9	1963
13	[illegible]3.	1.1	46.[illegible]	7.8	62	16.7	1985	21.9	-5.7	-11	-23.9	1963
14	[illegible]4.[illegible]	1.3	46.6	8.1	5[illegible]	14.4	1983*	22.7	-5.2	0	-17.8	1982*
15	[illegible]5.	2.2	46.8	8.3	67	19.4	1974	23.[illegible]	-5.3	-5	-20.6	1982
16	[illegible]5.[illegible]	2.1	46.2	8.0	59	15.0	1974	23.3	-4.8	2	-16.7	1982
17	[illegible]5.[illegible]	2.2	49.2	9.6	61	16.1	1971*	22.8	-5.1	7	-13.9	1982
18	[illegible].[illegible]	2.3	47.6	8.7	72	22.2	1971	24.5	-4.2	11	-11.7	1966
19	[illegible]6.[illegible]	2.2	48.3	9.1	70	21.1	1971	23.7	-4.6	-2	-18.9	1963
20	[illegible]5.[illegible]	1.7	47.6	8.7	61	16.1	1971	22.4	-5.3	2	-16.7	1963
21	[illegible]4.2	1.2	45.8	7.7	63	17.2	1970	22.6	-5.2	4	-15.6	1982
22	[illegible]3.1	.6	45.4	7.4	63	17.2	1981	20.8	-6.2	-7	-21.7	1962
23	[illegible]3.[illegible]	1.0	46.9	8.3	67	19.4	1970	20.6	-6.3	-1[illegible]	-23.3	1962
24	[illegible]4.3	1.3	46.7	8.2	64	17.8	1975	21.9	-5.6	-5	-20.6	1962
25	[illegible]5.[illegible]	1.9	48.[illegible]	9.0	69	20.6	1975	22.8	-5.1	5	-15.0	1973
26	[illegible]5.3	1.8	47.6	8.7	60	15.6	1980*	23.1	-4.9	7	-13.9	1973*
27	[illegible]3.	1.[illegible]	45.7	7.[illegible]	60	15.6	1971	21.8	-5.7	1	-17.2	1973
28	[illegible]3.[illegible]	.8	45.7	7.[illegible]	59	15.0	1960	21.3	-5.9	5	-15.0	1973
29	[illegible]4.[illegible]	1.4	47.2	8.4	64	17.8	1958	21.[illegible]	-5.7	6	-14.4	1980
30	[illegible]4.5	1.[illegible]	46.[illegible]	8.2	64	17.8	1965	22.2	-5.4	4	-15.6	1980
31	[illegible]5.2	1.8	47.8	8.8	6[illegible]	18.3	1965	22.5	-5.3	8	-13.3	1980
Monthly	[illegible]3.[illegible]	.6	45.4	7.4	72	22.2	1971	20.6	-6.3	-17	-27.[illegible]	1982

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
[illegible]02	[illegible]LLEN, N.	1958-1982	FEBRUARY

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP EXTREME DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP EXTREME DATE
1	[illegible]5.2	1.9	46.7	8.2	67	16.7	1971	23.6	-4.7	11	-11.7	1969
2	35.4	1.9	47.4	8.6	61	15.6	1958	23.3	-4.8	5	-15.0	1972
3	[illegible]5.4	2.4	49.5	9.7	66	18.9	1978*	23.7	-5.2	1	-17.2	1979
4	37.7	3.2	51.4	10.8	73	22.9	1963	24.1	-4.4	14	-10.0	1977*
5	37.8	3.2	48.4	9.1	61	16.1	1965	26.2	-3.2	12	-11.1	1982
6	[illegible]7.0	2.8	49.5	9.7	61	16.1	1977	24.7	-4.1	12	-11.1	1964
7	[illegible]7.1	3.7	[illegible]1.4	10.8	62	16.7	1963*	26.1	-3.3	11	-11.7	1964
8	[illegible]7.3	3.5	[illegible]1.2	10.7	61	16.1	1963	25.2	-3.8	14	-10.0	1964
9	[illegible]9.3	4.3	[illegible]1.2	10.7	64	17.8	1961	28.2	-2.1	12	-11.1	1959
10	[illegible]9.1	4.5	[illegible]1.5	10.8	71	21.7	1971	28.8	-1.8	12	-11.1	1965
11	[illegible]8.0	3.9	[illegible]1.4	10.8	65	18.3	1971*	26.9	-2.8	13	-10.6	1963
12	[illegible]9.2	4.4	52.9	11.6	67	21.7	1971	27.3	-2.6	14	-10.0	1965
13	[illegible]0.1	4.6	[illegible]2.5	11.4	73	22.3	1971	28.1	-2.2	12	-11.1	1966
14	[illegible]9.4	4.3	[illegible]2.2	11.2	71	21.7	1971	28.6	-1.9	14	-10.0	1964
15	[illegible]1.1	5.1	[illegible]3.0	11.7	66	18.9	1981*	28.9	-1.7	18	-7.8	1965
16	[illegible]2.7	4.8	52.8	11.6	74	23.3	1981	28.7	-1.8	15	-9.4	1966
17	[illegible]1.2	5.1	[illegible]4.5	12.5	66	18.9	1981*	28.1	-2.2	13	-10.6	196[illegible]
18	[illegible]1.1	5.1	[illegible]4.6	12.6	73	22.3	1981	28.1	-2.2	17	-8.3	1964
19	[illegible]1.4	5.2	53.8	12.1	75	23.9	1981	29.1	-1.7	16	-8.9	197[illegible]
20	[illegible]0.7	4.4	53.5	11.9	77	25.0	1982	26.4	-3.1	12	-11.1	1967
21	[illegible]1.1	5.1	[illegible]5.1	12.8	79	26.1	1982	27.2	-2.7	15	-9.4	1967
22	[illegible]0.5	4.7	53.0	11.7	67	19.4	1959	28.1	-2.2	16	-8.9	1975*
23	[illegible]0.7	4.3	53.5	11.9	70	21.1	1981	25.9	-3.4	13	-10.6	1967
24	[illegible]1.1	4.5	[illegible]4.4	12.4	67	19.4	1971	25.8	-3.4	12	-11.1	1977*
25	[illegible]1.1	4.9	[illegible]3.1	11.7	69	20.6	1963	29.4	-2.0	17	-8.3	1964*
26	[illegible]0.9	4.7	[illegible]4.2	12.3	67	20.0	1965	26.9	-2.9	6	-14.4	1962
27	[illegible]1.0	4.9	[illegible]5.6	13.1	71	21.7	1980	26.3	-3.2	5	-15.0	1962
28	[illegible]2.0	5.0	[illegible]7.1	13.9	69	20.6	1972	28.3	-2.1	13	-10.6	1971
29	[illegible]0.8	4.3	[illegible]2.9	11.6	64	17.8	1968	28.8	-1.8	14	-10.0	1967
30												
31												
Monthly	[illegible]1.0	4.2	[illegible]2.3	11.3	79	26.1	1982	26.3	-2.9	1	-17.2	1979

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

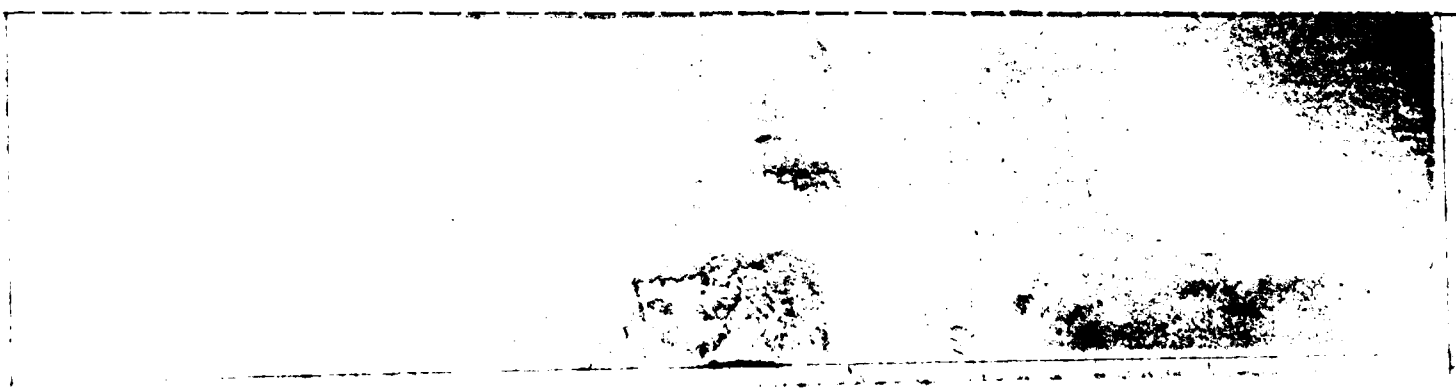
DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
[illegible]	FALLON, NV	1958-1982	MARCH

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	41.2	5.1	54.3	12.4	71	21.7	1967	28.1	-2.2	5	-14.4	1971
2	39.1	3.9	55.9	13.3	65	18.3	1972*	27.2	-2.7	11	-11.7	1971*
3	39.3	4.0	51.3	10.7	65	18.3	1972*	27.2	-2.7	15	-9.4	1965
4	39.5	4.2	52.4	11.3	67	19.4	1972*	26.9	-2.8	16	-8.9	1965
5	41.1	5.5	55.3	12.9	75	23.9	1972	28.5	-1.9	13	-10.6	1977
6	42.4	5.8	55.0	12.8	75	23.9	1972	29.9	-1.2	15	-7.8	1982
7	43.3	6.3	56.4	13.6	72	22.2	1979	30.1	-1.1	20	-6.7	1964
8	43.4	6.3	57.1	13.9	75	23.9	1972	29.8	-1.2	13	-10.6	1964
9	43.5	6.4	56.8	13.8	82	27.8	1972	30.2	-1.0	22	-5.6	1962
10	42.5	5.8	55.7	13.2	72	22.2	1972	29.2	-1.6	16	-8.9	1977
11	42.5	5.8	55.7	12.9	72	22.2	1979	29.9	-1.2	12	-11.1	1977
12	43.4	6.3	55.9	13.3	71	21.7	1971	30.9	-.6	23	-5.0	1976
13	42.4	5.8	55.1	12.8	69	20.6	1982*	29.6	-1.3	16	-8.9	1977*
14	43.3	6.4	57.3	14.1	72	22.2	1979	30.0	-1.1	10	-12.2	1977
15	43.5	6.4	58.0	14.4	69	20.6	1974*	29.1	-1.6	20	-6.7	1959
16	44.2	6.8	57.7	14.3	71	21.7	1974*	30.6	-.8	21	-6.1	1964
17	43.1	6.6	56.8	13.8	76	24.4	1972	31.0	-.6	19	-7.2	1966
18	42.4	5.8	56.1	13.4	70	21.1	1979*	28.8	-1.8	17	-8.3	1971
19	43.5	6.4	58.6	14.7	72	22.2	1978*	28.4	-2.0	15	-7.8	1977*
20	44.7	7.1	59.5	15.3	77	25.0	1960	29.9	-1.2	19	-7.2	1966
21	47.7	8.2	61.2	16.2	77	25.0	1960	32.2	.1	23	-5.0	1968
22	46.7	8.3	61.5	16.4	79	26.1	1971	32.4	.2	20	-6.7	1964
23	45.5	7.5	59.3	15.2	77	25.0	1960	31.8	-.1	19	-7.2	1956
24	45.2	7.3	60.1	15.6	76	24.4	1960	30.4	-.9	22	-5.6	1963
25	46.0	7.8	60.2	15.7	79	25.6	1960	31.8	-.1	21	-6.1	1980
26	46.6	8.1	59.9	15.5	75	23.9	1978	33.2	.7	16	-8.9	1977
27	45.4	8.0	59.5	15.3	75	23.9	1978	33.2	.7	19	-7.2	1972
28	44.7	7.2	58.8	14.9	78	25.6	1978	31.0	-.6	14	-10.0	1977*
29	46.1	7.8	61.8	16.6	80	26.7	1971	30.4	-.9	10	-12.2	1977
30	47.7	8.7	62.3	16.7	79	26.1	1966	33.4	.8	16	-8.9	1977
31	47.4	8.6	61.6	16.4	81	26.7	1966	32.8	.4	12	-7.8	1977
Monthly	43.1	6.6	57.5	14.2	82	27.8	1972	30.2	-1.0	6	-14.4	1971

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS



NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

02	[illegible]ILLON, NJ	1958-1982	APRIL
STATION	STATION NAME	YEARS	MONTH

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP DATE
1	44.1	7.1	57.4	14.1	8[illegible]	29.4	1966	32.5	.3	2[illegible]	-6.7	197[illegible]
2	45.3	7.3	58.6	14.8	80	26.7	1961	31.9	-.1	19	-7.2	1976*
3	48.5	9.2	63.3	17.4	88	31.1	1965	33.2	.7	19	-7.2	1977
4	49.3	9.6	64.8	18.2	8[illegible]	26.7	1960*	33.2	.7	23	-5.0	1970
5	51.6	10.9	66.4	19.1	82	27.8	1971	35.7	2.1	2[illegible]	-2.2	1978*
6	50.1	10.0	61.7	16.5	82	27.8	1963	37.5	3.1	26	-3.3	1964
7	47.5	8.6	59.8	15.4	83	28.3	1977	34.5	1.4	23	-5.0	1972
8	49.4	9.7	64.6	18.1	82	27.8	1977	33.4	.8	25	-3.9	1973*
9	50.0	10.0	64.6	18.1	80	26.7	1960	35.0	1.7	27	-2.8	1982*
10	50.0	10.0	63.9	17.7	80	26.7	1968	35.7	2.1	24	-4.4	1977
11	49.5	9.7	63.7	17.6	78	25.6	1959	35.0	1.7	23	-5.0	1963
12	49.5	9.7	65.3	18.5	79	26.1	1962	33.8	1.0	23	-5.0	1972
13	51.1	10.1	66.0	18.9	85	29.4	1962	34.3	1.3	19	-7.8	1972
14	51.9	10.8	66.9	19.4	85	29.4	1962	35.9	2.1	19	-7.8	1972
15	51.2	10.7	65.6	18.7	80	26.7	1981*	36.0	2.2	25	-3.9	1977
16	49.9	9.9	64.6	18.1	84	28.9	1977	34.4	1.3	22	-5.6	1963
17	50.1	10.1	65.1	18.4	85	29.4	1980	34.9	1.6	19	-7.2	1963
18	48.5	9.2	61.6	16.4	86	30.0	1987	35.2	1.8	25	-3.9	1972*
19	48.9	9.4	62.0	16.7	87	30.6	1980	35.4	1.9	19	-7.2	1972
20	48.3	9.6	64.0	17.8	81	27.2	1980	34.4	1.3	22	-5.6	1967
21	48.9	9.9	64.1	17.8	83	28.3	1969	35.8	2.1	24	-4.4	1968
22	49.4	9.8	65.4	18.6	82	27.8	1977	34.1	1.2	23	-5.0	1963
23	51.	10.6	66.4	19.1	86	30.0	1981	35.3	1.8	24	-4.4	1963*
24	51.3	10.7	64.2	17.9	86	30.0	1977	38.4	3.6	23	-5.0	1964
25	51.1	10.6	64.2	17.9	83	28.3	1977	37.5	3.1	28	-2.2	1969
26	51.3	10.6	63.8	17.7	82	27.8	1973	37.6	3.1	25	-3.9	1975
27	52.6	11.4	67.4	19.7	83	28.3	1980	37.8	3.2	25	-3.9	1966
28	54.1	12.3	69.4	20.8	87	27.8	1965	39.3	4.1	28	-2.2	197[illegible]*
29	54.5	12.5	69.9	21.0	88	31.7	1981	39.3	4.1	27	-2.8	1975*
30	55.	13.2	72.4	22.4	96	35.6	1981	39.2	4.0	25	-3.9	1972
31												
Monthly	50.1	10.1	64.6	18.1	96	35.6	1981	35.6	2.0	19	-7.8	1972

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
[illegible]2	[illegible]ELLE[illegible]N, N	1958-1982	[illegible]Y

	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]	13.3	72.0	22.2	91	32.[illegible]	1981	40.[illegible]	4.4	27	-2.[illegible]	1972
2	[illegible]	13.[illegible]	71.7	22.1	86	30.[illegible]	1966	41.3	5.2	27	-2.8	1964
3	[illegible]	13.[illegible]	72.2	22.3	88	31.1	1966	41.8	5.4	27	-2.8	1964
4	[illegible].5	13.7	7[illegible].4	21.3	[illegible]6	30.0	1966	42.8	6.0	31	-.6	1975
5	5.[illegible]	12.9	6[illegible].8	20.4	86	30.[illegible]	1966	41.7	5.4	27	-2.[illegible]	1975
6	4.[illegible]	12.3	67.5	19.7	82	27.8	1974	40.8	4.9	23	-5.0	1964
7	[illegible]	13.3	7[illegible].4	21.3	85	29.4	1974	41.7	5.4	32	.0	1981*
8	[illegible].[illegible]	14.7	73.6	23.1	86	30.[illegible]	1969	43.5	6.4	34	1.1	1965
9	[illegible].[illegible]	14.6	72.6	22.6	85	29.4	1969*	43.9	6.6	34	1.1	1977
10	[illegible].4	14.7	72.5	22.5	88	31.1	196[illegible]	44.4	6.9	32	.[illegible]	1979
11	[illegible]	13.2	70.1	21.2	90	32.2	1960	41.6	5.3	32	.0	1982
12	[illegible]	13.9	72.6	22.6	92	33.3	1959	41.4	5.2	32	.0	1967
13	[illegible]	15.2	75.4	24.1	91	32.[illegible]	1976	43.2	6.2	31	-.6	1967*
14	[illegible]	15.7	74.6	23.7	89	31.[illegible]	1979	45.8	7.7	33	.6	1968
15	[illegible]	15.6	76.3	24.6	89	31.[illegible]	1971	43.7	6.5	35	1.7	1959
16	[illegible]	15.4	76.3	24.6	92	33.3	197[illegible]	43.0	6.1	32	.0	1959
17	1.1	16.2	76.4	24.7	89	31.[illegible]	1967	45.5	7.5	[illegible]3	.6	1977*
18	1.[illegible]	16.4	77.0	25.[illegible]	92	33.3	1958	45.3	7.4	[illegible]2	.0	1974
19	1.[illegible]	16.3	76.5	24.7	92	33.3	1964	45.8	7.7	31	-.6	1967
20	1.[illegible]	16.3	76.4	24.7	93	33.[illegible]	1980	45.6	7.6	34	1.1	1975
21	[illegible].[illegible]	16.1	75.0	23.9	93	33.[illegible]	1979	46.2	7.9	33	.6	1962
22	61.[illegible]	16.6	76.3	24.6	95	35.[illegible]	1967	47.2	8.4	[illegible]	-1.1	1967
23	[illegible].[illegible]	16.[illegible]	74.6	23.7	93	33.[illegible]	1967	46.9	8.3	35	1.7	1962
24	1.1	16.2	75.5	24.2	88	31.1	1967	46.8	8.2	[illegible]6	2.2	1968*
25	[illegible]2.[illegible]	16.8	77.3	25.2	92	33.3	1958	47.2	[illegible].4	34	1.1	1975
26	[illegible]3.[illegible]	17.4	78.4	25.8	95	35.[illegible]	1979	48.2	9.0	36	2.2	1980
27	[illegible]2.6	17.0	77.0	25.[illegible]	9[illegible]	32.2	1979	48.1	8.9	[illegible]8	[illegible].3	1961
28	[illegible]2.6	17.0	78.2	25.7	91	32.[illegible]	1968	46.9	8.3	[illegible]5	1.7	1982
29	[illegible]3.[illegible]	17.4	78.5	25.8	91	32.[illegible]	1981	48.[illegible]	8.9	41	5.0	1979*
30	[illegible]3.4	17.4	78.5	25.9	90	32.2	1972	48.5	9.2	37	2.8	1979
31	[illegible].1	17.3	77.9	25.5	9[illegible]	35.[illegible]	1977	48.2	9.0	36	2.2	1967
Monthly	[illegible].6	15.3	74.5	23.6	9[illegible]	35.[illegible]	1979*	44.7	7.1	23	-5.[illegible]	1964

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
[illegible]2	FALLON, NV	1958-1982	JUNE

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	[illegible]4.3	17.9	79.7	26.5	93	33.9	1981	48.5	9.2	[illegible]	4.4	1967*
2	64.[illegible]	18.2	[illegible]0.2	26.8	94	34.4	1970	49.2	9.6	[illegible]7	2.8	1966
3	[illegible]4.7	18.2	[illegible]0.2	26.8	95	35.0	1960	49.2	9.6	[illegible]7	2.8	1981
4	[illegible]5.7	18.7	81.0	27.2	95	35.0	1979*	50.8	1[illegible].4	[illegible]7	2.8	1962
5	[illegible]6.4	19.1	[illegible]1.9	27.7	100	37.8	1981	51.1	10.6	38	3.3	1966
6	66.[illegible]	19.4	[illegible]1.5	27.5	96	35.6	1981	52.7	11.5	[illegible]9	3.9	1980
7	[illegible]5.1	18.4	79.2	26.2	92	33.3	1978*	51.5	10.8	40	4.4	1962
8	[illegible]4.2	17.9	78.7	25.9	9[illegible]	32.2	1981*	50.1	10.1	36	2.2	1979
9	[illegible]4.2	17.9	79.4	26.3	95	35.[illegible]	1973	49.7	9.8	[illegible]8	3.3	1964
10	[illegible]5.[illegible]	18.3	79.7	26.5	96	35.6	1979	50.4	10.2	40	4.4	1963
11	[illegible]6.[illegible]	19.0	[illegible]2.1	27.8	99	37.2	1979	5[illegible].6	10.3	37	2.8	1972
12	66.[illegible]	19.4	[illegible]2.2	27.9	99	37.2	1979	51.8	11.[illegible]	45	7.2	1972*
13	67.[illegible]	19.6	82.3	27.9	97	36.1	1979*	52.1	11.2	4[illegible]	4.4	1981
14	67.[illegible]	19.6	[illegible]1.5	27.5	95	35.[illegible]	1961	52.4	11.3	[illegible]1	5.0	1981
15	6[illegible].[illegible]	20.2	[illegible]3.9	28.8	97	36.1	1961	52.2	11.2	36	2.2	1965
16	[illegible]0.[illegible]	21.2	[illegible]5.5	29.7	98	36.7	1961	54.3	12.4	45	7.2	1965
17	6[illegible].[illegible]	21.[illegible]	[illegible]4.[illegible]	28.9	99	37.2	1961	55.[illegible]	12.[illegible]	42	5.6	1979
18	5[illegible].[illegible]	21.1	[illegible]5.1	29.5	97	36.1	1968*	54.1	12.3	42	5.6	1965
19	[illegible]0.[illegible]	21.4	[illegible]6.5	30.3	101	38.3	1961	54.4	12.4	43	6.1	1964
20	[illegible]2.[illegible]	22.2	[illegible]7.5	30.[illegible]	104	40.0	1961	56.7	13.7	42	5.6	1974
21	[illegible]2.[illegible]	22.2	[illegible]8.6	31.4	101	38.3	1961	55.[illegible]	13.2	[illegible]0	4.4	1960
22	[illegible]2.[illegible]	22.2	[illegible]7.1	31.7	103	39.4	1961	54.8	12.7	44	6.7	1964
23	[illegible]1.[illegible]	21.8	[illegible]7.1	30.6	100	37.8	1961	55.3	12.9	46	7.8	1963
24	[illegible]0.7	21.5	[illegible]7.7	30.9	100	37.8	1979*	53.9	12.2	44	6.7	1972
25	[illegible]0.[illegible]	21.4	[illegible]8.[illegible]	31.[illegible]	102	38.9	1961	54.[illegible]	12.2	41	5.0	1975
26	[illegible]2.2	22.3	[illegible]9.8	32.1	102	38.9	1981*	55.1	12.8	41	5.0	1974
27	[illegible]0.9	21.6	[illegible]8.2	31.2	99	37.2	1973	54.1	12.3	43	6.1	1980
28	[illegible]0.8	21.6	[illegible]7.7	30.9	99	37.2	1980*	54.3	12.4	42	[illegible].6	1969
29	6[illegible].9	20.5	85.6	29.8	101	38.3	1981	53.[illegible]	11.7	[illegible]6	2.2	1963
30	67.[illegible]	20.8	[illegible]7.4	30.8	101	38.3	1972*	52.2	11.2	4	4.4	1963
31												
Monthly	6[illegible].[illegible]	20.2	[illegible]4.0	28.9	104	40.0	1961	52.6	11.[illegible]	[illegible]6	2.2	1979*

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

[illegible]2	[illegible]ALL[illegible]N, N[illegible]	195[illegible]-1982	JULY
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].	22.2	89.3	31.8	102	38.9	1967	54.5	12.5	42	5.6	1976
2	[illegible]1.[illegible]	22.0	88.4	31.3	102	38.9	1967	54.9	12.7	38	3.3	1976
3	[illegible]1.[illegible]	21.4	87.8	31.[illegible]	100	37.8	1981	53.9	12.2	39	3.9	1976
4	[illegible]2.4	22.4	90.1	32.3	106	41.1	1981	55.1	12.8	44	6.7	1976
5	[illegible]4.[illegible]	23.3	91.3	32.9	102	38.9	1975	57.[illegible]	13.9	46	7.8	1977
6	[illegible]4.[illegible]	23.3	92.3	33.5	100	37.8	1968	56.[illegible]	13.3	45	7.2	1961
7	[illegible]3.5	23.1	91.5	33.1	100	37.8	1976	55.7	13.2	45	7.2	1959
8	[illegible]3.8	23.2	91.5	33.1	98	36.7	1976*	56.4	13.6	45	7.2	1959
9	[illegible]4.[illegible]	23.3	92.0	33.[illegible]	102	38.9	1973	56.6	13.7	43	6.9	1959
10	[illegible]3.[illegible]	22.8	91.4	33.[illegible]	102	38.9	1959	55.2	12.9	48	8.9	1974*
11	[illegible]3.3	23.2	92.8	33.8	102	38.9	1959	55.2	12.9	41	5.0	1976
12	[illegible]5.1	23.9	92.4	33.6	100	37.8	1982*	57.7	14.3	48	8.9	1974*
13	[illegible]5.8	24.3	[illegible]3.2	34.[illegible]	101	38.3	1972	58.[illegible]	14.4	44	6.7	1961
14	[illegible]6.5	24.7	94.0	34.4	102	38.9	1978	58.7	14.8	48	8.9	1966
15	[illegible]7.[illegible]	25.0	93.9	34.4	103	39.4	1979	60.3	15.7	49	9.4	1966
16	[illegible]6.7	24.8	93.4	34.1	105	40.6	1979	60.2	15.7	50	10.0	1962
17	[illegible]6.[illegible]	24.4	[illegible]3.2	34.0	105	40.6	1979*	59.1	15.1	52	11.1	1974*
18	[illegible]7.1	25.1	94.8	34.9	105	40.6	1960	59.5	15.3	52	11.1	1966
19	[illegible]7.[illegible]	25.5	95.1	35.1	104	40.[illegible]	1960	60.5	15.8	55	12.8	1951
20	[illegible]6.[illegible]	24.9	93.6	34.[illegible]	103	39.4	1960	59.7	15.4	53	11.7	1972
21	[illegible]6.4	24.7	93.6	34.2	105	40.6	1980	58.6	14.8	47	8.3	1972
22	[illegible]7.8	25.4	[illegible]4.8	34.9	105	40.6	1980	60.3	15.7	46	7.8	1972
23	[illegible]7.[illegible]	25.3	[illegible]4.6	34.8	105	40.6	1980	60.0	15.6	46	7.8	1973
24	[illegible]7.[illegible]	25.5	95.6	35.3	105	40.6	1980	60.3	15.7	45	7.2	1973
25	[illegible]7.1	25.6	95.9	35.4	105	40.6	1978	60.4	15.8	46	7.8	1973
26	[illegible]7.[illegible]	25.7	96.0	35.6	106	41.1	1980	60.2	15.7	48	8.9	1973
27	[illegible]7.[illegible]	25.9	96.1	35.6	105	40.6	1980	61.2	16.2	50	10.0	1972
28	[illegible]8.[illegible]	26.3	96.4	35.8	103	39.4	1961	62.2	16.8	53	11.7	1972*
29	[illegible]7.4	25.8	95.4	35.[illegible]	103	39.4	1966	61.4	16.3	54	12.2	1959
30	[illegible]7.[illegible]	25.3	93.6	34.[illegible]	105	40.6	1982	61.4	16.3	52	11.1	1975
31	[illegible]6.[illegible]	24.9	[illegible]4.1	34.5	106	41.1	1982*	59.7	15.4	46	7.8	1975
Monthly	[illegible]5.8	24.3	[illegible]3.3	34.[illegible]	10[illegible]	41.1	1982*	58.4	14.7	38	3.3	1976

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

32	[illegible]N, N	19[illegible]-1982	AUGUST
STATION	STATION NAME	YEARS	MONTH

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	[illegible]	24.9	[illegible]	34.4	10[illegible]	39.4	1977	59.6	15.3	[illegible]	8.9	19[illegible]
2	[illegible]	24.7	[illegible]	34.6	104	40.[illegible]	1979	[illegible]8.4	14.7	[illegible]8	9.4	1974
3	[illegible]	24.9	[illegible]	34.8	104	40.0	1978	58.8	14.9	[illegible]9	9.4	1972
4	[illegible]	25.2	[illegible]	34.7	105	40.6	1978	60.1	15.6	52	11.1	19[illegible]1
5	[illegible]	24.[illegible]	[illegible]	34.1	102	38.9	1978	58.4	14.7	52	11.1	19[illegible]
6	[illegible]6.	24.[illegible]	[illegible]4.3	34.6	102	39.9	1981	57.6	14.2	[illegible]8	8.9	1976
7	[illegible]6.	[illegible]4.6	[illegible]3.6	34.2	104	40.0	1981	58.8	14.9	42	5.6	1976
8	[illegible]6.	24.6	[illegible]4.4	34.7	10[illegible]	42.2	1981	58.2	14.6	45	7.2	1976
9	[illegible]6.7	24.8	[illegible]4.4	34.7	106	41.1	1981	59.1	15.1	[illegible]8	8.9	1976
10	[illegible]7.[illegible]	25.1	[illegible]4.6	34.8	10[illegible]	40.6	1979	59.7	15.4	45	7.2	1962
11	[illegible]7.[illegible]	25.2	[illegible]5.1	35.1	103	39.4	1980	59.5	15.3	47	8.3	1973
12	[illegible]6.[illegible]	24.5	[illegible]3.7	34.3	102	38.9	1981*	58.5	14.7	51	10.6	1982
13	[illegible]4.[illegible]	23.8	[illegible]2.0	33.3	104	40.[illegible]	1981	58.2	14.6	51	10.6	1973*
14	[illegible]5.[illegible]	23.9	[illegible]0.8	32.7	10[illegible]	39.4	1962	58.3	14.6	45	7.2	1978
15	[illegible]4.[illegible]	23.4	[illegible]1.0	32.8	99	37.2	1973*	56.7	13.7	46	7.8	1968
16	[illegible]4.5	23.6	[illegible]0.9	32.7	100	37.8	1981*	57.2	14.[illegible]	46	7.8	1972
17	[illegible]3.[illegible]	23.1	[illegible]8.5	31.4	101	38.3	1991	57.7	14.3	45	7.2	1973*
18	[illegible]3.7	23.2	[illegible]8.[illegible]	31.[illegible]	99	37.2	1981	57.6	14.2	41	5.[illegible]	1978
19	[illegible]2.	22.9	[illegible]8.	31.1	100	37.8	1960	56.4	13.6	47	8.3	1979
20	[illegible]1.[illegible]	21.9	[illegible]8.6	31.4	99	37.2	1960	54.2	12.3	45	7.2	1974
21	[illegible]2.1	22.3	[illegible]9.5	31.9	103	39.4	1982	54.9	12.7	44	6.7	1968
22	[illegible]1.[illegible]	21.4	[illegible]7.2	30.7	98	36.7	1981*	53.8	12.1	42	5.6	196[illegible]
23	[illegible]2.	22.2	[illegible]8.4	31.9	101	38.3	1969*	54.2	12.3	34	1.1	1973
24	[illegible]1.[illegible]	22.0	[illegible]8.4	31.[illegible]	99	36.7	1981*	53.6	12.[illegible]	[illegible]2	.[illegible]	1973
25	[illegible]1.8	22.1	[illegible]8.9	31.6	101	38.3	1982	54.7	12.6	44	6.7	196[illegible]
26	[illegible]1.2	21.8	[illegible]7.7	30.9	98	36.7	1981	54.4	12.4	45	7.2	1973
27	[illegible]0.[illegible]	21.1	[illegible]7.3	30.7	100	37.8	1981	52.3	11.3	38	3.3	1977
28	[illegible]1.7	21.5	[illegible]7.8	31.[illegible]	101	[illegible]8.3	1981	53.6	12.0	39	[illegible].9	1973
29	[illegible]0.6	20.9	[illegible]7.2	30.7	102	38.9	1981	52.1	11.2	41	[illegible].0	1964
30	[illegible]0.[illegible]	20.7	86.7	30.4	96	35.6	1967	51.9	11.1	43	6.1	1966
31	[illegible]0.[illegible]	20.7	[illegible]6.4	30.2	96	35.6	1967	52.[illegible]	11.1	43	6.1	1962
Monthly	[illegible]3.8	23.2	[illegible]0.9	32.7	10[illegible]	42.[illegible]	1981	56.5	13.6	32	.0	1973

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible]LLTON, N[illegible]	1[illegible]5 -1992	[illegible]PTEMBER

	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]	21.6	[illegible]7.3	30.7	99	36.7	1981	51.6	10.9	35	1.7	1973
2	[illegible]	20.7	87.3	30.7	97	36.1	1982	51.1	10.6	25	-3.9	1973
3	[illegible].8	21.6	88.0	31.1	96	35.6	1978	53.[illegible]	11.9	35	1.7	1973
4	[illegible].[illegible]	20.6	87.2	30.7	98	36.7	1977	51.[illegible]	10.6	35	1.7	1973
5	[illegible]	20.7	85.8	29.9	97	36.1	1977	52.7	11.5	42	5.6	1973
6	[illegible].[illegible]	21.0	6.8	30.4	97	36.1	1977	52.8	11.6	44	6.7	1964
7	[illegible].[illegible]	21.1	6.3	30.2	99	37.2	1979	53.4	11.9	41	5.[illegible]	1973
8	[illegible].	20.0	[illegible]5.0	29.4	97	36.1	1982	51.[illegible]	10.6	24	-4.4	1973
9	67.	19.9	[illegible]4.7	29.3	97	36.[illegible]	1982	51.1	10.6	35	1.7	1973
10	[illegible].[illegible]	20.3	[illegible]4.[illegible]	28.9	9[illegible]	35.[illegible]	1977	53.1	11.7	43	6.1	1964
11	6.[illegible]	19.2	[illegible]3.3	28.5	95	35.[illegible]	1981	50.0	10.0	[illegible]	3.3	1982
12	6.1	18.9	[illegible]3.[illegible]	28.3	96	35.6	1981	49.4	9.7	33	.[illegible]	1972
13	4.4	18.[illegible]	[illegible].5	26.9	93	33.[illegible]	1981*	48.5	9.[illegible]	34	1.1	1972
14	[illegible].[illegible]	17.0	79.3	26.3	93	33.[illegible]	1981*	46.2	7.9	34	1.1	197[illegible]
15	[illegible].	17.2	[illegible]0.0	26.7	94	34.4	1981*	45.[illegible]	7.7	34	1.1	1959
16	[illegible].	17.1	79.7	26.5	99	37.[illegible]	1981	46.1	7.8	[illegible]7	2.8	197[illegible]
17	3.[illegible]	17.[illegible]	7[illegible].5	26.4	96	35.6	1981*	47.5	8.6	29	-1.7	19[illegible]
18	[illegible].	17.1	7[illegible].0	25.6	94	34.4	1981*	47.5	8.6	24	-4.4	1965
19	[illegible].1	16.2	[illegible]7.5	25.3	93	33.[illegible]	1981	45.1	7.3	[illegible]4	-2.2	1965
20	[illegible].[illegible]	15.8	76.5	24.7	9[illegible]	32.[illegible]	1981	44.1	6.7	[illegible]2	.[illegible]	197[illegible]
21	[illegible].[illegible]	15.5	76.4	24.7	93	33.3	1979	43.1	6.2	31	-.6	196[illegible]
22	[illegible].	16.[illegible]	76.4	25.[illegible]	9[illegible]	32.[illegible]	1982*	43.[illegible]	6.[illegible]	[illegible]1	-.6	1966
23	[illegible].[illegible]	16.4	79.[illegible]	26.1	9[illegible]	32.2	1966	43.5	6.4	32	.[illegible]	1977
24	[illegible].[illegible]	16.7	79.3	26.3	92	33.3	1978	44.3	6.[illegible]	26	-3.3	1956
25	[illegible].7	17.6	[illegible]0.7	27.1	94	34.4	1978	45.5	7.[illegible]	28	-2.2	1972
26	[illegible]5.[illegible]	[illegible]9.4	[illegible].[illegible]	27.6	9[illegible]	33.3	1978	48.[illegible]	8.9	[illegible]1	-1.1	197[illegible]
27	[illegible].	17.1	79.8	26.6	93	33.[illegible]	1980	45.7	7.6	37	2.8	197[illegible]
28	1.7	16.5	[illegible]8.1	25.6	91	32.[illegible]	1963	45.4	7.4	[illegible]0	-1.1	1959
29	[illegible].7	15.9	[illegible]7.3	25.2	91	32.[illegible]	1963	44.3	6.8	[illegible]9	-1.7	1959
30	[illegible].	16.1	78.2	25.7	95	35.[illegible]	1980	43.7	6.[illegible]	[illegible]3	.6	1982
31												
Monthly	[illegible]4.	18.3	[illegible].6	27.6	9[illegible]	37.[illegible]	1981	48.[illegible]	8.9	24	-4.4	1973

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible]	1949-1982	OCTOBER

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	[illegible]	15.6	77.4	25.2	9[illegible]	32.2	1980	42.4	5.8	[illegible]7	-[illegible]	197[illegible]
2	[illegible]	15.8	77.3	25.2	91	32.[illegible]	1963	43.1	6.2	27	-2.[illegible]	1971
3	[illegible]	15.3	75.8	24.3	[illegible]	32.[illegible]	1980	42.7	5.9	[illegible]1	-.6	1971
4	[illegible]	15.3	75.5	24.2	9[illegible]	32.[illegible]	1980	42.[illegible]	6.[illegible]	27	-2.6	1969
5	[illegible]	15.1	76.6	24.8	89	31.7	1980*	41.4	5.2	[illegible]6	-3.3	1969
6	[illegible]	15.3	76.3	24.6	89	31.7	1980*	42.[illegible]	5.[illegible]	28	-2.2	1969
7	[illegible]	13.6	71.4	21.[illegible]	90	32.2	1980*	40.3	4.9	29	-1.7	1969
8	[illegible]	13.7	72.0	22.2	92	33.3	1980*	40.6	4.8	[illegible]6	-3.3	1969
9	[illegible]	14.2	72.8	22.7	89	31.7	1965	41.6	5.3	29	-1.7	1969
10	[illegible]	14.5	73.1	22.8	84	28.9	1980*	42.3	5.7	[illegible]5	1.7	1969
11	[illegible]	14.1	72.4	22.4	84	28.[illegible]	1958	42.0	[illegible].6	26	-3.3	1969
12	[illegible]	13.6	71.6	22.0	[illegible]5	29.4	1979	41.1	5.1	28	-2.2	1969
13	[illegible]	13.2	71.8	22.1	84	28.9	1971	39.5	4.2	26	-3.3	1969
14	[illegible]	11.2	[illegible]2.2	2[illegible]	84	28.9	1958	35.9	2.2	22	-5.6	1966
15	[illegible]	11.2	[illegible]1.[illegible]	2[illegible]	[illegible]5	29.4	1978*	36.5	2.5	24	-4.4	1965
16	[illegible]	11.1	68.4	20.2	[illegible]6	30.3	1977*	36.[illegible]	2.2	27	-2.8	1966*
17	[illegible]	11.2	[illegible]8.5	2[illegible].6	83	28.3	1958	35.4	1.9	[illegible]1	-6.7	1971
18	[illegible]	11.4	[illegible]8.2	20.[illegible]	85	29.4	1977	36.1	2.3	23	-5.[illegible]	1971
19	[illegible]	11.4	68.4	20.8	83	28.3	1977	35.7	2.1	24	-4.4	1976
20	[illegible]	11.[illegible]	[illegible]9.5	2[illegible].[illegible]	7[illegible]	26.1	1960	37.[illegible]	2.8	[illegible]5	-3.9	1969*
21	[illegible]	[illegible].8	6[illegible].3	2[illegible].1	7[illegible]	[illegible]6.1	1960	34.6	1.6	[illegible]2	-5.6	1958
22	[illegible]	11.1	[illegible]8.[illegible]	20.6	76	24.4	1982*	35.[illegible]	1.7	22	-5.6	1961
23	[illegible]	10.9	67.9	19.9	8[illegible]	26.7	1959	35.1	1.7	24	-4.4	1961
24	[illegible]	10.8	67.9	19.9	86	3[illegible].[illegible]	1959	35.[illegible]	1.7	24	-4.4	1975
25	[illegible]	11.3	6[illegible].5	20.3	83	28.[illegible]	1959	36.[illegible]	[illegible].3	27	-2.8	1971
26	[illegible]	10.[illegible]	65.[illegible]	18.8	77	25.[illegible]	1981	35.2	1.[illegible]	24	-4.4	1976
27	[illegible]	9.2	[illegible]4.2	17.9	7[illegible]	26.1	1978	32.7	.4	17	-[illegible].3	197[illegible]
28	[illegible]	8.4	[illegible]2.7	17.1	[illegible]4	23.9	1978	31.6	-.2	16	-[illegible].9	197[illegible]
29	[illegible]	7.2	[illegible]1.[illegible]	14.[illegible]	7[illegible]	25.6	1962	31.3	-.4	11	-11.7	1971
30	[illegible]	6.9	[illegible]9.[illegible]	15.[illegible]	7[illegible]	25.6	1962	[illegible]9.6	-1.3	17	-8.3	1972
31	[illegible]	7.8	91.7	16.5	7[illegible]	[illegible]5.6	198[illegible]	30.[illegible]	-.8	[illegible]1	-[illegible].1	1972
Monthly	3.6	12.0	[illegible]6.7	2[illegible].9	9[illegible]	33.3	198[illegible]	37.4	[illegible].[illegible]	[illegible]1	-11.7	1971

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible]	1957-1982	[illegible]

	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]	5.1	[illegible]	16.4	75	23.9	1967	31.4	-.3	27	-2.8	1978
2	[illegible]	7.9	[illegible]	16.1	75	24.4	1980	31.4	-.3	23	-5.0	1971
3	[illegible]	6.3	62.5	16.9	77	25.6	1980	31.[illegible]	-.1	21	-6.1	1971
4	[illegible]	8.6	62.2	16.[illegible]	77	23.9	1977*	32.[illegible]	.4	19	-7.2	1973
5	[illegible]	7.9	59.9	15.5	71	21.7	1976	32.6	.3	19	-7.8	1979
6	[illegible]	7.7	59.2	15.1	70	21.1	1976*	32.[illegible]	.2	17	-8.2	1959
7	[illegible]	7.8	59.7	15.4	70	21.1	1976	32.2	.1	19	-7.2	1971
8	[illegible]	7.3	59.9	15.4	72	22.[illegible]	1967*	32.[illegible]	-.8	1[illegible]	-7.8	1971
9	[illegible]	7.[illegible]	60.5	15.[illegible]	80	26.7	1959	30.2	-1.[illegible]	17	-8.3	1977
10	[illegible]	6.6	58.4	14.7	71	21.7	1973	29.8	-1.2	1	-7.8	1977
11	[illegible]	7.2	59.5	14.7	70	21.1	1977*	31.5	-.3	21	-6.1	1979
12	[illegible]	6.1	56.2	13.4	7[illegible]	21.1	1959	29.4	-1.4	16	-8.9	1978
13	[illegible]	5.8	55.3	12.9	67	19.4	1958	29.1	-1.[illegible]	16	-8.9	1971
14	[illegible]	5.3	53.7	12.1	6[illegible]	[illegible]	1966	28.7	-1.3	13	-10.6	1964
15	[illegible]	5.3	54.4	12.4	72	22.2	1981*	28.5	-1.9	13	-10.6	1958
16	[illegible]	4.[illegible]	52.[illegible]	11.[illegible]	73	22.8	1981	28.2	-2.1	17	-8.3	1958
17	[illegible]	3.[illegible]	51.5	10.8	66	18.9	1976	26.5	-3.1	[illegible]	-12.3	1958
18	[illegible]	3.6	51.5	10.8	66	18.9	1959	25.6	-3.6	1[illegible]	-12.2	1964
19	[illegible]	3.[illegible]	50.7	10.4	67	19.4	1966	25.8	-3.4	[illegible]5	-13.[illegible]	1964
20	[illegible]	3.8	52.4	11.3	6[illegible]	18.3	1974	25.3	-3.7	[illegible]	-13.3	1977
21	[illegible]	3.9	51.3	10.7	69	20.[illegible]	1981	28.7	-2.9	[illegible]7	-13.9	1961
22	[illegible]	3.[illegible]	50.[illegible]	10.[illegible]	67	17.[illegible]	1980	26.1	-3.3	17	-8.3	1979
23	[illegible].1	4.5	53.[illegible]	11.[illegible]	67	19.4	1981	26.[illegible]	-3.9	1	-7.8	1972
24	[illegible].4	[illegible].[illegible]	55.5	13.1	7[illegible]	25.6	197[illegible]	27.6	-2.4	16	-8.9	19[illegible]6
25	[illegible].[illegible]	4.6	53.7	12.1	74	23.3	1977	26.7	-2.9	12	-11.1	1966
26	[illegible]	3.7	[illegible].4	10.[illegible]	6[illegible]	20.[illegible]	1977	26.[illegible]	-3.3	14	-1[illegible].0	1961
27	[illegible].3	2.3	4[illegible].6	9.2	65	18.6	1977	22.[illegible]	-5.[illegible]	11	-11.7	1981
28	[illegible]7.	3.3	4[illegible].9	9.[illegible]	66	18.9	1980	24.7	-4.1	1[illegible]	-11.1	1969
29	[illegible]7.[illegible]	3.1	[illegible]1.9	1[illegible].[illegible]	72	22.[illegible]	1980	23.6	-4.7	1[illegible]	-12.2	1969
30	[illegible]7.4	3.[illegible]	[illegible]1.[illegible]	1[illegible].[illegible]	61	16.1	1973	23.9	-4.5	[illegible]	-13.0	1976
31												
Monthly	[illegible]1.	5.4	[illegible]5.[illegible]	12.[illegible]	[illegible]	[illegible]6.[illegible]	1958	[illegible]8.[illegible]	-2.1	[illegible]	-13.0	1976[illegible]

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DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible]	1957-1982	DECEMBER

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	[illegible]7.	3.3	51.9	11.0	63	17.2	1966	27.7	-4.6	11	-11.7	1976
2	[illegible]	3.7	52.1	11.2	71	21.7	1977	25.4	-3.7	1[illegible]	-12.2	1976
3	[illegible]	3.9	53.7	11.7	66	18.9	1979*	24.9	-3.9	11	-11.7	1976
4	[illegible]7.	2.8	5[illegible].7	10.4	67	19.4	1977	23.3	-4.8	11	-11.7	1963
5	[illegible]	2.2	4[illegible].8	9.3	66	18.9	1977	23.0	-5.0	3	-16.1	1972
6	[illegible]	2.1	4[illegible].8	9.6	60	2[illegible].9	1981	22.4	-5.3	5	-13.3	1959
7	[illegible]	1.8	4[illegible].9	9.4	6[illegible]	20.7	1981*	21.4	-5.9	[illegible]	-15.0	1971
8	2.4	.2	4[illegible].5	8.1	63	16.7	1981	19.4	-7.6	-9	-22.8	1972
9	[illegible]2.	.3	45.9	7.7	69	20.6	1981	19.2	-7.1	-14	-25.6	197[illegible]
10	3.	1.0	4[illegible].3	9.1	63	17.2	1981	19.6	-6.9	-9	-22.[illegible]	1972
11	[illegible].3	.3	46.4	8.0	6	20.0	1977	18.6	-7.4	-14	-25.6	1972
12	[illegible]1.[illegible]	-.2	44.[illegible]	7.1	60	15.6	1969	19.6	-7.4	-7	-21.7	1972
13	[illegible].	-.7	42.7	5.9	61	16.1	1977*	18.8	-7.3	-5	-20.6	1972
14	[illegible]3.	.8	4[illegible].5	8.1	6	20.0	1977	20.4	-6.3	-5	-20.6	1972
15	[illegible]4.[illegible]	1.9	47.9	8.8	6[illegible]	18.[illegible]	1962	[illegible]1.2	-6.0	-2	-18.9	1972
16	[illegible]3.	1.[illegible]	47.1	8.4	7	21.1	1982	[illegible]0.2	-6.6	[illegible]	-14.4	1972
17	[illegible]4.[illegible]	1.[illegible]	47.4	8.6	61	16.1	198[illegible]	21.7	-5.7	6	-14.4	1971
18	[illegible]3.[illegible]	.4	44.[illegible]	7.[illegible]	59	15.[illegible]	196[illegible]	22.[illegible]	-5.3	6	-14.4	1971
19	[illegible]4.[illegible]	1.2	46.6	8.1	6[illegible]	20.[illegible]	1981	21.3	-5.9	5	-15.[illegible]	196[illegible]
20	[illegible].4	1.3	46.7	8.[illegible]	67	19.4	1981	22.[illegible]	-5.6	-4	-2[illegible].[illegible]	196[illegible]
21	[illegible]	2.4	48.[illegible]	8.[illegible]	65	18.3	1969	25.5	-3.6	11	-11.7	196[illegible]
22	[illegible].4	1.[illegible]	44.2	6.[illegible]	65	20.[illegible]	1964	24.6	-4.1	[illegible]	-14.4	196[illegible]
23	[illegible]2.[illegible]	.3	44.5	6.[illegible]	64	17.9	1964	21.0	-6.1	9	-12.[illegible]	1973
24	[illegible]	1.7	46.6	8.1	63	17.2	1964	22.7	-5.2	[illegible]	-12.[illegible]	1962
25	[illegible]3.[illegible]	.6	4[illegible].4	7.4	6[illegible]	16.7	1980	21.5	-5.8	[illegible]	-15.0	1962
26	[illegible]3.	.9	44.[illegible]	7.[illegible]	61	16.1	198[illegible]	[illegible]2.2	-5.4	5	-15.0	1962
27	[illegible]2.[illegible]	.3	43.2	6.2	6[illegible]	17.[illegible]	198[illegible]	21.9	-5.6	2	-16.7	1962
28	[illegible]3.	.4	44.3	6.[illegible]	61	16.1	199[illegible]	20.[illegible]	-6.[illegible]	1	-17.2	1971
29	[illegible]2.4	.2	44.6	7.[illegible]	5[illegible]	15.[illegible]	198[illegible]*	19.9	-6.7	-1	-18.3	1971
30	[illegible].1	-1.1	43.2	6.[illegible]	57	13.[illegible]	197[illegible]	17.1	-8.3	-[illegible]	-2[illegible].6	1971
31	[illegible].[illegible]	-1.[illegible]	41.[illegible]	5.[illegible]	59	15.[illegible]	197[illegible]	16.2	-8.8	-5	-2[illegible].6	1971
Monthly	3[illegible].	1.1	46.6	8.1	71	21.7	1977	21.3	-5.9	-14	-25.6	1972

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

[illegible] / STATION — [illegible], NV / STATION NAME — 57-87 / YEARS

WHOLE DEGREES FAHRENHEIT

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]											[illegible]	6[illegible]	
[illegible]	64	67	74	76	92	[illegible]7	101	100	[illegible]3	88	9[illegible]	64	1[illegible]1
[illegible]	[illegible]3	67	69	84	[illegible]2	101	105	101	93	86	7[illegible]	5[illegible]	1[illegible]
[illegible]	59	62	78	82	90	[illegible]7	10[illegible]	102	94	85	75	61	1[illegible]
[illegible]1	57	7[illegible]	72	86	90	104	102	102	89	86	63	5[illegible]	10[illegible]
[illegible]2	62	[illegible]9	74	85	84	96	[illegible]8	103	93	87	72	65	10[illegible]
[illegible]3	61	73	69	77	90	91	98	98	93	91	68	61	[illegible]9
4	58	64	75	8[illegible]	92	96	1[illegible]0	101	92	90	65	59	101
5	65	65	70	83	85	92	[illegible]8	97	88	89	74	6[illegible]	[illegible]5
6	61	57	80	85	[illegible]1	96	1[illegible]3	[illegible]9	93	82	72	63	1[illegible]7
67	5[illegible]	67	71	65	95	101	102	1[illegible]0	95	81	73	57	1[illegible]2
[illegible]	[illegible]1	66	76	81	[illegible]1	100	100	95	96	8[illegible]	6[illegible]	61	1[illegible]0
[illegible]	69	59	77	83	90	9[illegible]	101	102	95	[illegible]1	[illegible]5	65	1[illegible]2
[illegible]	67	7[illegible]	72	76	[illegible]2	[illegible]9	100	102	92	87	7[illegible]		
1	72	73	80	83	89	93	102	1[illegible]0		[illegible]4	69	5[illegible]	
[illegible]2	61	69	82	77	9[illegible]	101	101	100	[illegible]7	75	62	59	101
[illegible]3	59		[illegible]5	[illegible]2	90	10[illegible]	1[illegible]2	101	[illegible]5	[illegible]0	[illegible]1	59	
[illegible]4	67	[illegible]4	71	[illegible]3	89	96	95	[illegible]3	91		67	59	
[illegible]5	69	[illegible]8	69	68	[illegible]7	[illegible]2	1[illegible]0	[illegible]4	89	[illegible]2	72		
[illegible]6	5[illegible]	[illegible]5	72	77	91	[illegible]4	1[illegible]0	[illegible]4		76	71		
[illegible]7	[illegible]2	70	[illegible]5	[illegible]6	[illegible]5	[illegible]8	1[illegible]0	1[illegible]3	[illegible]8	[illegible]6			
7[illegible]		[illegible]6	79	77	90	92	1[illegible]5	1[illegible]5	[illegible]6	87		[illegible]7	
[illegible]2		66	72	79	[illegible]5	10[illegible]	106	105	[illegible]9	[illegible]9	[illegible]6	66	
[illegible]		71	67	[illegible]7	[illegible]3	[illegible]9	1[illegible]6	1[illegible]3	[illegible]5	[illegible]2		[illegible]5	
1	[illegible]3	[illegible]5	67	[illegible]6				1[illegible]1	[illegible]9			6[illegible]	
[illegible]2	[illegible]3	79	69	[illegible]2	[illegible]2	[illegible]6	1[illegible]6						
MEAN	[illegible]1.[illegible]	67.[illegible]	[illegible]2.6	[illegible]1.1	[illegible].6	[illegible]7.[illegible]	[illegible]1.[illegible]	[illegible]0.3	93.4	[illegible]4.[illegible]	[illegible].2	61.6	101.[illegible]
S.D.	[illegible].061	[illegible].267	[illegible].[illegible]82	[illegible].271	2.716	3.575	2.[illegible]04	3.714	3.36[illegible]	[illegible].447	[illegible].847	3.789	2.2[illegible]
TOTAL OBS.	6[illegible]	67[illegible]	775	750	744	720	744	744	66[illegible]	682	63[illegible]	651	8[illegible]6

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

[illegible] / STATION | [illegible], NV / STATION NAME | 57-80 / YEARS

WHOLE DEGREES FAHRENHEIT
/BASED ON LESS THAN FULL MONTHS/

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]												64 29	MAX TEMP DAYS
[illegible]		61 29											MAX TEMP DAYS
[illegible]										79 30			MAX TEMP DAYS
[illegible]												63 30	MAX TEMP DAYS
[illegible]												[illegible] 30	MAX TEMP DAYS
[illegible]											76 26	71 30	MAX TEMP DAYS
[illegible]	63 30										[illegible] 29		MAX TEMP DAYS
[illegible]	59 30												MAX TEMP DAYS
[illegible]	64 30										76 16		MAX TEMP DAYS
1					91 27	102 24	106 30			85 30	75 28		MAX TEMP DAYS
[illegible]								105 29	97 26	89 26	[illegible] 26	75 26	MAX TEMP DAYS
MEAN													
S.D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

[illegible] | FALLON, NV | 57-87
STATION | STATION NAME | YEARS

WHOLE DEGREES FAHRENHEIT

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]											14	11	
[illegible]	14	17	17	26	40	46	53	56	26	22	6	13	[illegible]
[illegible]	[illegible]	13	20	26	31	42	45	43	29	24	14	7	[illegible]
[illegible]	[illegible]	13	12	24	30	40	50	37	37	24	17	11	[illegible]
[illegible]1	7	18	22	25	31	40	45	41	33	22	[illegible]	1-	1-
[illegible]	14-	[illegible]	26	32	33	37	50	46	37	27	12	2	[illegible]
[illegible]	11-	22	16	19	34	36	50	45	43	29	17	11	11-
[illegible]4	10	11	13	23	23	36	48	41	34	20	5	9	[illegible]
5	[illegible]	12	11	29	29	36	45	48	24	29	21	9	[illegible]
6	9	13	17	25	37	37	44	43	39	22	12	6	[illegible]
[illegible]	14	12	18	22	27	40	51	52	39	26	23	8	[illegible]
[illegible]	6	11	20	24	33	40	49	42	31	26	17	4-	[illegible]
[illegible]	12	[illegible]	20	26	36	42	49	51	44	23	13	11	[illegible]
[illegible]	[illegible]	16	15	29	32	40	52	53	28	16	20		
[illegible]	4-				36	39				11			
[illegible]	7-		14	19		37	46		26	17	17		
[illegible]	[illegible]		21	24	32			52			16		
[illegible]4	6	19	20	24	32	37	41		37		[illegible]	2-	
[illegible]5	[illegible]	10	15				46	46	41	24			
[illegible]6	10		20		42								
[illegible]7			15	19	26		46	47	32	32			
[illegible]8			27	28	36	42	46	41	31	25	16	1-	
[illegible]9		[illegible]	23	27	32	36	47	46	45	25	10	8	
[illegible]		19	20		36	37	48	47	39	23		7	
[illegible]	15	16	21	27				47		24	11	15	
[illegible]	17-	12	18	24	32	42	49						
MEAN	[illegible].7	13.7	17.9	[illegible]4.2	32.7	39.1	47.6	45.6	34.6	24.0	14.4	6.7	[illegible]
S.D.	[illegible].939	5.[illegible]56	4.[illegible]74	3.2[illegible]	4.388	2.614	[illegible].924	5.6[illegible]0	5.826	4.842	4.717	5.573	6.[illegible]
TOTAL OBS.	[illegible]51	[illegible]36	[illegible]44	63	682	[illegible]0	[illegible]51	620	600	651	600	55[illegible]	[illegible]

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION	STATION NAME	YEARS
[illegible]	[illegible], NV	57-8[illegible]

WHOLE DEGREES FAHRENHEIT
/BASED ON LESS THAN FULL MONTHS/

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]												9 29	MIN TEMP DAYS
[illegible]		1[illegible] [illegible]	6 [illegible]	31 29			47 [illegible]	[illegible] 27			1[illegible] 1[illegible]	5- 29	MIN TEMP DAYS
[illegible]		[illegible] [illegible]			37 37			4[illegible] 28				14- 29	MIN TEMP DAYS
[illegible]		1[illegible] [illegible]					4[illegible] 9		24 9	27 [illegible]		21 28	MIN TEMP DAYS
[illegible]								4[illegible] [illegible]		3[illegible] 3[illegible]			MIN TEMP DAYS
[illegible]				22 11	27 25	41 2[illegible]					14 28	16 25	MIN TEMP DAYS
[illegible]		1[illegible] [illegible]		19 25		4[illegible] 2[illegible]	[illegible]8 [illegible]1	42 16		21 27	5 [illegible]7	8 22	MIN TEMP DAYS
[illegible]7	5 29	11 26				[illegible]2 2[illegible]					[illegible] 2[illegible]	15 29	MIN TEMP DAYS
7[illegible]	18 [illegible]0	24 [illegible]7											MIN TEMP DAYS
7[illegible]	5 [illegible]0												MIN TEMP DAYS
[illegible]	4 30			27 27							1[illegible] 17		MIN TEMP DAYS
1					[illegible]2 24	4[illegible] [illegible]1	44 [illegible]2		[illegible]8 29				MIN TEMP DAYS
								[illegible]1 2[illegible]	[illegible]3 [illegible]6	[illegible]2 26	[illegible]3 [illegible]6	12 25	MIN TEMP DAYS
MEAN													
S.D.													
TOTAL OBS.													

SMOS

PSYCHROMETRIC SUMMARY

23102	FALLON, NV	73-82	JAN
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
68/ 65										.2								3	3		
66/ 63									.1	.1	.1							4	4		
64/ 61							.2			.1								4	4		
62/ 59						.1		.1	.1	.1								6	6		
60/ 57						.1	.2	.1	.2	.1								13	13		
58/ 55					.1	.2	.6	.2	.3									35	35		
56/ 53			.1		.2	.3	.9	.5										34	34		
54/ 51					.5	1.1	.9	.1										44	44		
52/ 49			.1	.1	.5	1.6	.3	.1										48	48	5	
50/ 47			.1	.6	.9	1.5	.3											62	62	7	1
48/ 45	.1	.1	.1	.8	1.9	1.3	.2											76	76	19	1
46/ 43	.1	.1	.2	1.1	2.5	.7												81	81	47	2
44/ 41	.1	.1	1.3	1.8	2.2	.5	.1											105	105	85	5
42/ 39	.1	.6	1.8	1.8	.9	.3												94	94	104	12
40/ 37	.1	.6	2.0	2.3	.8	.2	.1											107	107	126	11
38/ 35	.3	.9	2.8	2.4	.7	.1												124	124	156	41
34/ 33	.7	1.3	2.1	1.7	.5													109	109	142	65
32/ 31	.4	2.0	3.3	1.7	.3													135	135	143	94
30/ 29	.5	1.9	3.6	.7	.2													120	120	146	130
28/ 27	1.1	1.9	2.1	.5														97	97	161	186
26/ 25	1.1	2.3	1.2	.1														82	82	148	182
24/ 23	1.2	1.9	1.2	.1														69	69	94	161
22/ 21	.7	1.1	1.1															53	53	73	155
20/ 19	1.3	1.1	.5															49	49	64	161
18/ 17	1.2	1.2	.1															39	39	58	116
16/ 15	1.1	1.3	.1															44	44	39	97
14/ 13	.6	.3																16	16	31	66
12/ 11	.7	.2																16	16	17	69
10/ 9	.8	.1																16	16	19	50
8/ 7	.2	.7																16	16	8	34
6/ 5	.7	.2																10	10	16	20
4/ 3	.1	.4																9	9	8	16
2/ 1	.1	.2																5	5	6	6
0/-1	.2	.2																7	7	9	10

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

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

23102 STATION | FALLON, NV STATION NAME | 73-82 YEARS | JAN MONTH

PAGE 2 HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
- 2/- 3		.3																6	6	5	6
-4 /- 5		.1																2	2	3	4
- 6/- 7	.1	.1																2	2	2	a
- 8/- 9		.1																1	1	2	2
-10/-11		.1																1	1	1	5
-12/-13																					3
-14/-15		.1																1	1		2
-16/-17																				1	
-18/-19																					1
-20/-21																					1
-26/-27																					1
TOTAL	12.5	21.4	23.4	15.8	12.1	8.5	3.8	1.8	.6	.6	.1								1745		1745
																		1745		1745	

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.	8055171	113861	65.2	18.942	1745							
Dry Bulb	2236262	59658	33.6	12.314	1745	8.5	339.4					744.0
Wet Bulb	1633171	50689	29.0	9.600	1745	9.8	449.4					744.0
Dew Point	975411	38217	21.9	8.909	1745	18.8	676.6					744.0

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

23172 STATION | FALLON, NV STATION NAME | 73-92 YEARS | FEB MONTH

PAGE 1

HOURS (LST)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31					
73/ 77													.1						1	1		
74/ 73										.1	.1	.1							4	4		
70/ 71											.1		.1						3	3		
70/ 69												.1							1	1		
68/ 67										.1	.2								4	4		
66/ 65									.2	.1	.3	.1							11	11		
64/ 63							.1	.2		.5	.4	.1							22	22		
62/ 61						.1	.1	.4	.3	.8	.2								31	31		
60/ 59					.1	.1	.2	.2	.8	.5	.1								32	32		
58/ 57						.2	.2	.8	1.1	.4									46	46		
56/ 55					.2	.5	.7	1.3	1.2	.1									66	66	1	
54/ 53					.2	.9	1.2	1.6	.2										67	67	4	
52/ 51				.2	.4	1.3	2.3	1.7	.2										102	102	6	
50/ 49			.1	.2	.7	2.1	2.7	.6	.1										108	108	15	
48/ 47			.2	.5	.9	2.4	1.7	.2											97	97	23	1
46/ 45			.2	1.0	1.9	2.9	.5												108	108	53	
44/ 43		.2	.1	1.4	2.3	1.7	.2												99	99	96	1
42/ 41		.1	.9	2.3	2.4	1.2	.1												116	116	133	8
40/ 39		.4	.9	2.6	2.2	.7													111	111	161	15
38/ 37		.5	1.7	2.0	1.6	.1													100	100	214	14
36/ 35		.8	1.7	2.4	1.1	.1													102	102	183	52
34/ 33	.1	1.1	2.2	1.7	.3														90	90	163	76
32/ 31	.1	1.1	2.5	1.3	.2														87	87	144	87
30/ 29		1.0	2.0	.7	.1														64	64	129	146
28/ 27	.1	1.4	1.3	.3															51	51	91	160
26/ 25		1.0	.8	.1															32	32	79	192
24/ 23	.1	1.4	.9	.1															38	38	54	199
22/ 21	.1	1.1	.5	.1															30	30	45	174
20/ 19	.2	.8	.2																20	20	29	178
18/ 17	.1	.4																	8	8	20	137
16/ 15	.1	.2	.1																6	6	11	94
14/ 13	.1	.1																	2	2	4	49
12/ 11	.1	.1																	4	4	3	31
10/ 9																					2	20

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

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PSYCHROMETRIC SUMMARY

93102 STATION | FALLON, NV STATION NAME | 73-92 YEARS | FEB 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 Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
8/ 7																					14
6/ 5																					11
4/ 3																					3
2/ 1		.1															1	1			1
0/- 1																			1		
-4/- 5																					1
TOTAL	1.1	11.8	16.2	16.8	14.5	14.2	10.0	7.0	4.1	2.5	1.4	.4	.1				1664	1664	1664		1664

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.	4999766	86080	51.7	18.132	1664							
Dry Bulb	3138225	69875	42.0	11.076	1664		138.5	5.3	2.0			672.0
Wet Bulb	2051202	57140	34.3	7.31A	1664	.4	247.2					672.0
Dew Point	1010444	39432	23.7	6.761	1664	.4	604.6					672.0

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PSYCHROMETRIC SUMMARY

93112	FALLON, NV	73-82	MAR
STATION	STATION NAME	YEARS	MONTH

PAGE 1
HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31			Dry Bulb	Wet Bulb	Dew Point
78/ 77														.1				1	1			
76/ 75													.1	.2				4	4			
74/ 73												.1	.2					5	5			
72/ 71											.2	.4	.1					13	13			
70/ 69										.1	.2	.3	.1					12	12			
68/ 67									.1	.2	.5	.4	.1					23	23			
66/ 65								.1	.2	.5	.8	.4						36	36			
64/ 63								.1	.7	.9	.9	.1						50	50			
62/ 61							.2	.2	1.4	1.3	.5	.1						65	65			
60/ 59							.2	.8	1.7	.9	.3							74	74			
58/ 57						.2	.4	1.5	1.2	.4	.1							70	70			
56/ 55				.1	.2	.5	.6	2.1	1.4	.2								92	92			
54/ 53				.1	.4	1.0	1.5	2.4	1.1	.1								120	120			
52/ 51		.1	.1	.3	.5	1.1	2.0	1.9	.4	.1								115	115	18		
50/ 49				.5	.9	1.7	1.8	1.3	.2									118	118	33	1	
48/ 47			.5	.5	.9	1.9	1.9	.8	.1									122	122	64		
46/ 45		.1	.6	1.0	2.0	1.6	1.8	.4										137	137	121	3	
44/ 43		.2	.4	1.1	1.9	2.0	.8	.1										120	120	183	3	
42/ 41		.2	.4	1.6	1.6	1.6	.7	.1										113	113	178	15	
40/ 39		.2	1.0	1.3	1.6	1.2	.3											113	113	207	30	
38/ 37	.1	.2	1.5	1.7	1.2	.3	.1											92	92	186	35	
36/ 35	.1	.2	1.5	1.9	1.4	.5												103	103	193	41	
34/ 33	.3	.7	1.5	1.1	.5	.2												76	76	179	63	
32/ 31	.2	.4	1.7	1.0	.3													65	65	150	106	
30/ 29	.1	.2	1.0	.5														33	33	135	161	
28/ 27	.1	.7	.6	.2														28	28	75	199	
26/ 25	.1	.2	.4	.1														13	13	61	191	
24/ 23		.4	.3															12	13	25	174	
22/ 21	.1	.1	.1															4	4	16	187	
20/ 19	.1	.1																2	2	7	185	
18/ 17	.1	.1																2	2	1	138	
16/ 15		.1																1	1	2	105	
14/ 13																					65	
12/ 11																					47	

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

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PSYCHROMETRIC SUMMARY

97102 STATION | FALLON, NV STATION NAME | 73-92 YEARS | MAR MONTH

PAGE 2 HOURS (LST)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31				
1 / 9																					23
8 / 7																					21
6 / 5																					6
4 / 3																					3
2 / 1																					3
0 / - 1																					1
TOTAL	.9	4.0	11.6	13.2	13.2	14.0	12.2	11.7	8.6	4.7	3.5	1.7	.5	.2				1834	1835	1834	1834

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.	4211430	81132	44.2	18.426	1834							
Dry Bulb	4235056	85970	46.9	10.632	1835		65.3	23.5	4.1			744.0
Wet Bulb	2591298	67878	37.0	6.567	1834		191.5					744.0
Dew Point	1144083	43817	23.9	7.283	1834	.4	658.4					744.0

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PSYCHROMETRIC SUMMARY

[illegible] | FALLON, NV | 73-82 | APR

STATION | STATION NAME | YEARS | MONTH

PAGE 1

HOURS (LST)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31					
[illegible] / 91																.1			1	1		
[illegible] / 89															.1				1	1		
[illegible] / 87															.1				1	1		
[illegible] / 85																.1	.1		3	3		
[illegible] / 83													.1	.1	.1	.1			6	6		
[illegible] / 81															.4	.3	.1		13	13		
[illegible] / 79												.1	.2	.2	.4	.1			16	16		
78 / 77												.1	.5	.3	.3				21	21		
76 / 75											.2	.2	.5	.6	.1				27	27		
74 / 73											.2	.6	1.1	.5					42	42		
72 / 71										.2	.2	.7	1.1	.2					43	43		
[illegible] / 69								.1	.2	.1	1.0	1.8	.8	.1					70	70		
[illegible] / 67								.0	.2	.3	1.5	1.2	.1						63	63		
[illegible] / 65								.1	.3	1.1	1.7	1.1							76	76		
[illegible] / 63						.1	.1	.3	.9	2.3	1.1	.2							89	89		
[illegible] / 61					.1		.2	.1	1.5	1.7	1.3	.1							89	89	2	
[illegible] / 59					.1	.2	.3	1.5	1.6	1.6	.5	.1							103	103	3	
[illegible] / 57					.1	.3	.6	1.3	1.7	1.5	.1								98	98	2	
[illegible] / 55				.1	.3	.5	.5	1.0	1.7	.6	.1								103	103	15	
[illegible] / 53		.1	.1	.1	.3	.5	1.6	2.2	1.4	.1									114	114	49	
52 / 51				.2	.9	1.1	1.9	2.4	.9										132	132	62	1
[illegible] / 49		.1		.5	1.7	1.6	1.7	1.4	.3										118	118	112	1
[illegible] / 47			.3	.6	.8	1.2	1.5	1.1											99	99	172	4
[illegible] / 45			.3	.7	1.1	2.0	.8	.1											95	95	186	3
[illegible] / 43		.2	.3	.5	1.2	1.9	1.0												83	83	192	3
[illegible] / 41		.1	.2	.9	.9	1.2	.3												63	63	200	20
[illegible] / 39	.1	.1	.7	1.4	1.2	.5	.1												72	72	202	44
[illegible] / 37	.1	.3	.5	.6	.7														39	39	178	46
[illegible] / 35	.1	.4	1.0	.7	.4	.1													48	40	143	51
34 / 33		.5	.2	.5	.1														23	23	124	80
32 / 31	.1	.2	.3	.1															11	11	94	105
[illegible] / 29	.1	.1	.1	.1															6	6	39	190
[illegible] / 27		.1	.1																3	3	17	177
[illegible] / 25		.1																	1	1	9	199

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

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PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]	FALLON, NV	73-82	APR

PAGE [illegible]
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
24/ 23																				1	1
22/ 21																					1
20/ 19																					13
18/ 17																					12
16/ 15																					7
14/ 13																					6
12/ 11																					5
10/ 9																					2
8/ 7																					1
6/ 5																					
4/ 3																					1
TOTAL	.9	2.1	4.2	7.1	9.2	10.9	10.6	12.9	10.8	9.5	7.9	6.2	4.3	1.9	1.5	.5	.2		1772		1772
																		1772		1772	

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.	7771953	62683	35.4	17.696	1772							
Dry Bulb	5580446	97376	54.9	11.569	1772		8.5	124.7	53.2	13.8		720.0
Wet Bulb	3134527	73312	41.4	6.350	1772		60.9					720.0
Dew Point	1284679	44311	25.0	7.386	1772		614.4					720.0

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PSYCHROMETRIC SUMMARY

[illegible] STATION | FALL[illegible], NV STATION NAME | 73-9[illegible] YEARS | MAY MONTH

PAGE 1 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
94 / 93																	.1	2	2		
92 / 91																	.2	3	3		
[illegible] / 89																.2	.1	10	10		
88 / 87														.1	.1	.8	.1	18	18		
86 / 85														.2	.9	.4		27	27		
84 / 83													.1	.4	1.2	.5		41	41		
82 / 81												.2	.6	1.0	.9			50	50		
80 / 79											.1	.4	1.3	1.7	.4			73	73		
78 / 77										.1	.3	.6	1.9	1.3	.1			93	93		
76 / 75								.1		.2	.9	1.0	1.8	1.2	.1			95	95		
74 / 73									.2	.3	1.1	2.1	2.1	.2				112	112		
72 / 71								.1	.4	.7	1.7	2.0	1.0	.1				110	110		
70 / 69							.4	.2	.4	1.2	1.8	1.2	.4					106	106		
68 / 67							.1	.6	.7	1.5	2.2	1.1						115	115		
66 / 65				.1		.1	.5	1.1	.9	1.7	1.9	.4						126	126		
64 / 63					.1	.2	.6	1.6	1.7	1.4	.6	.1						117	117		
62 / 61			.1		.1	.4	.5	1.2	1.8	1.5	.4	.1						111	111	5	
60 / 59			.1	.2	.2	.4	1.1	1.6	1.2	.7								103	103	37	
58 / 57			.1	.1	.4	.2	1.1	1.4	1.2	.2								95	95	93	1
56 / 55		.1	.1	.2	.5	.2	1.3	1.4	.5	.1								93	93	144	
54 / 53			.2	.2	.6	.2	1.0	.2	.5	.1								81	81	197	3
52 / 51			.1	.3	.7	.2	1.0	.6	.3									69	69	240	7
50 / 49			.2	.3	.5	.6	.8	.2										46	46	246	13
48 / 47		.1	.3	.5	.6	.4	.4											43	43	218	16
46 / 45		.2	.1	.4	.4	.6	.1	.1										35	35	190	29
44 / 43		.1	.4	.5	.4	.2	.1											32	32	162	56
42 / 41		.2	.5	.4	.4													26	26	109	95
40 / 39		.2	.2	.3	.1	.1												15	15	88	117
38 / 37	.1	.2	.2															5	5	72	135
36 / 35		.2	.1															4	4	41	167
34 / 33																				15	202
32 / 31	.1																	1	1	4	192
30 / 29																					201
28 / 27																					181

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

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PSYCHROMETRIC SUMMARY

23152 (STATION) FALLON, NV (STATION NAME) 73-82 (YEARS) MAY (MONTH)

PAGE 3 (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 D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
26/ 25																				134
24/ 23																				122
22/ 21																				64
20/ 19																				44
18/ 17																				31
16/ 15																				18
14/ 13																				9
12/ 11																				7
10/ 9																				1
TOTAL	.1	1.1	2.5	3.4	5.0	6.1	9.1	10.8	9.7	9.8	10.9	9.3	9.2	6.7	3.7	1.8	.6	1860	1860		1860
																		1860		1860	

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.	2417255	60103	32.3	15.986	1860							
Dry Bulb	5084908	120780	64.9	11.409	1860		.4	342.0	209.6	75.2	.8	744.0
Wet Bulb	437753	89658	48.2	5.955	1860		1.6					744.0
Dew Point	1979516	59162	31.8	7.253	1860		401.2					744.0

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3

PSYCHROMETRIC SUMMARY

93172 (STATION) FALLON, NV (STATION NAME) 73-82 (YEARS) JUN (MONTH)

PAGE 1

HOURS (LST)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
103/101																	.1		1	1		
100/ 99																	.3		5	5		
98/ 97																	.6		10	10		
96/ 95																.1	1.3		26	26		
94/ 93															.1	.2	1.6		32	32		
92/ 91															.3	.5	1.9		49	49		
90/ 89													.1	.3	1.1	1.8	1.7		87	87		
88/ 87												.1	.2	.7	1.2	1.8	.9		87	87		
86/ 85												.2	.7	1.1	1.5	2.2	.3		108	108		
84/ 83											.1	.2	.9	.8	1.9	1.3			93	93		
82/ 81									.1	.1	.2	.5	1.3	1.7	1.5	.3			100	100		
80/ 79									.1	.2	.5	.7	1.4	1.7	1.3				107	107		
78/ 77										.7	1.0	1.3	2.0	1.6	.3				123	123		
76/ 75									.5	.9	1.0	1.7	1.3	.4	.1				106	106		
74/ 73								.2	.8	1.4	1.2	2.0	1.3	.3					128	128		
72/ 71						.1	.2	.6	1.1	.8	1.7	1.1	.5	.1					107	107		
70/ 69					.1	.1	.4	.4	.9	1.4	1.1	1.2	.2						107	107		
68/ 67				.1	.1	.1	.6	.7	.9	1.6	1.3	.4	.1						110	110	3	
66/ 65					.4	.3	.6	.5	1.1	1.6	1.1	.2							104	104	18	
64/ 63				.1	.3	.4	.5	.6	1.1	.8	.2	.2							75	75	45	
62/ 61			.1	.2	.2	.1	.3	.6	.9	.6	.2								56	56	121	
60/ 59		.1	.2	.4	.2	.2	.4	.7	.9	.3									59	59	199	1
58/ 57		.1	.2		.2	.2	.7	.6	.3										38	38	242	3
56/ 55		.1	.1	.1		.2	.3	.3	.1										18	18	291	9
54/ 53		.3	.2			.6	.3	.2	.1										30	30	228	19
52/ 51		.3	.1		.1	.2	.1	.2											16	16	192	30
50/ 49				.1	.1	.3													8	8	164	62
48/ 47		.1	.1		.2														6	6	119	66
46/ 45																					78	97
44/ 43				.1	.1														2	2	59	128
42/ 41																					25	124
40/ 39																					11	118
38/ 37																					3	182
36/ 35																						193

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

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

23102 (STATION) FALLON, NV (STATION NAME) 73-82 (YEARS) JUN (MONTH)

HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31			Dry Bulb	Wet Bulb	Dew Point
34/ 33																						175
32/ 31																						161
30/ 29																						130
28/ 27																						105
26/ 25																						84
24/ 23																						55
22/ 21																						27
20/ 19																						15
18/ 17																						5
16/ 15																						6
14/ 13																						3
TOTAL		.8	.8	.9	1.9	2.6	4.4	5.7	8.8	10.4	9.4	9.7	10.0	8.6	9.2	8.2	8.6			1798		1798
																			1798		1798	

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.	1681327	48843	27.2	14.345	1798							
Dry Bulb	10344955	135001	75.1	10.772	1798			555.0	425.3	262.3	29.6	720.0
Wet Bulb	5299404	97130	54.0	5.396	1798			1.2				720.0
Dew Point	2474298	65192	36.3	7.843	1798		236.7					720.0

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PSYCHROMETRIC SUMMARY

93182 STATION | FALLON, NV STATION NAME | 73-82 YEARS | JUL MONTH

HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
106/105																	.1	1	1		
104/103																	.7	12	12		
102/101																	1.0	19	19		
100/ 99																.1	1.3	25	25		
98/ 97																.2	3.3	64	64		
96/ 95															.1	.4	3.6	76	76		
94/ 93														.2	.5	.5	4.0	95	95		
92/ 91												.1	.1	.7	1.0	2.3	4.1	151	151		
90/ 89												.1	.5	.7	1.3	3.0	2.0	138	138		
88/ 87										.1	.1	.3	.5	.9	2.3	3.1	.9	150	150		
86/ 85										.3	.5	.2	.6	1.2	2.3	1.2	.1	119	119		
84/ 83							.1	.1	.1	.2	.5	.6	.8	1.5	2.2	.4		119	119		
82/ 81								.1	.3	.2	.2	.7	1.0	1.4	1.0			90	90		
80/ 79								.2	.2	.3	.5	1.4	1.7	1.0	.4			103	103		
78/ 77						.1	.2	.3	.4	.5	1.1	1.6	1.6	.3				112	112		
76/ 75				.1		.1	.2	.3	.7	1.4	1.3	1.6	.8	.2				122	122		
74/ 73					.2	.3	.9	.6	.5	.9	1.3	1.2	.4					113	113		
72/ 71			.2		.1	.3	.2	.4	1.0	1.0	1.6	.4	.1					95	95	2	
70/ 69			.2	.2	.1	.1	.5	.4	1.2	.9	1.0	.1						84	84	8	
68/ 67			.2	.1	.1	.1	.2	.4	.5	1.0	.1	.1						51	51	39	2
66/ 65		.1		.1	.2	.1	.3	.6	.4	.4	.2							44	44	144	7
64/ 63		.1	.1	.1	.1	.2	.2	.2	.3	.2								24	24	199	6
62/ 61		.1		.1		.2	.2	.2	.2									15	15	250	11
60/ 59				.1		.1	.3	.2		.1								13	13	299	21
58/ 57		.1			.1		.1	.1										4	4	300	22
56/ 55					.1	.1	.1											4	4	223	38
54/ 53						.1												1	1	168	53
52/ 51			.1	.1														2	2	117	61
50/ 49																				55	80
48/ 47																				25	86
46/ 45																				12	125
44/ 43																				4	149
42/ 41																				1	206
40/ 39																					219

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

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PSYCHROMETRIC SUMMARY

23102	FALLON, NV	73-82	JUL
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
38/ 37																					204
36/ 35																					192
34/ 33																					177
32/ 31																					97
30/ 29																					69
28/ 27																					24
26/ 25																					12
24/ 23																					2
22/ 21																					1
20/ 19																					1
TOTAL		.3	.7	.7	.8	1.5	3.1	4.0	5.9	7.3	8.3	8.2	8.1	8.0	11.2	11.1	20.9	1846	1846	1846	1846

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.	1508434	46792	25.3	13.218	1846							
Dry Bulb	12708600	152066	82.4	9.932	1846			700.9	608.2	446.2	117.7	744.0
Wet Bulb	6344967	107873	58.4	4.725	1846			19.7				744.0
Dew Point	3170980	75210	40.7	7.607	1846		83.8	.8				744.0

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PSYCHROMETRIC SUMMARY

23123 STATION | FALLON, NV STATION NAME | 73-82 YEARS | AUG 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
104/103																	.3	6	6		
102/101																	.5	9	9		
100/ 99																	1.5	27	27		
98/ 97																.1	2.1	40	40		
96/ 95															.1	.1	2.8	52	52		
94/ 93														.1	.3	.6	2.0	52	52		
92/ 91													.1	.1	.8	1.3	2.9	90	90		
90/ 89												.1	.2	.3	1.0	2.5	2.0	110	110		
88/ 87										.1	.1	.3	.4	.8	1.7	2.2	.8	113	113		
86/ 85											.1	.5	1.2	1.3	2.2	1.7	.2	129	129		
84/ 83										.1	.3	.2	1.3	1.7	2.2	.7	.2	119	119		
82/ 81								.1		.4	.3	.8	1.6	1.6	1.3	.1		109	109		
80/ 79						.1			.1	.3	1.2	.7	1.0	1.2	.8	.1		93	93		
78/ 77						.1	.2	.1	.1	.9	1.0	1.2	1.4	1.0	.1			105	105		
76/ 75						.1		.2	.4	1.1	.9	1.1	.7	.3	.1			85	85		
74/ 73					.1	.1		.3	.7	1.2	1.3	1.2	1.0	.1				103	103		
72/ 71				.1	.1	.1	.3	.6	.6	1.3	1.6	.8	.3					101	101		
70/ 69				.1		.2	.6	1.1	.6	.8	.7	.4	.1					80	80	2	
68/ 67			.1		.2	.3	.5	.9	1.6	1.1	.5	.1						93	93	23	
66/ 65			.1	.2	.3	.5	.5	.3	1.0	.7	.2							67	67	61	1
64/ 63			.1		.4	.3	.8	.7	.6	.2								54	54	138	3
62/ 61			.1	.3	.1	.3	.6	.8	.5	.3								55	55	180	4
60/ 59			.1	.5	.2	.2	.2	.3	.1	.1								31	31	284	7
58/ 57		.1	.1	.2	.2	.1	.2	.1	.1									19	19	267	8
56/ 55	.1	.1	.1		.2	.2	.1	.1										17	17	250	19
54/ 53			.1	.1	.1													6	6	196	34
52/ 51		.1		.2		.1												7	7	155	54
50/ 49	.1		.1	.1														3	3	112	81
48/ 47		.1			.1													2	2	61	102
46/ 45																				35	122
44/ 43																				9	137
42/ 41		.1																1	1	4	172
40/ 39																				2	189
38/ 37																					201

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

PSYCHROMETRIC SUMMARY

93102 (STATION) FALLON, NV (STATION NAME) 73-82 (YEARS) AUG (MONTH)

PAGE 2 (HOURS (L S T))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
36/ 35																					181
34/ 33																					140
32/ 31																					122
30/ 29																					71
28/ 27																					63
26/ 25																					27
24/ 23																					22
22/ 21																					11
20/ 19																					5
TOTAL	.2	.4	.8	1.7	1.9	2.7	4.0	5.5	6.2	8.5	8.0	7.4	9.2	8.5	10.6	9.3	15.2		1778		1778
																		1778		1778	

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.	1722927	48587	27.3	14.911	1778							
Dry Bulb	11301507	140385	79.0	11.055	1778			634.4	519.7	375.3	77.8	744.0
Wet Bulb	6751069	100725	56.7	5.028	1778			10.5				744.0
Dew Point	2855148	69992	39.4	7.496	1778		134.3					744.0

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PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
2	FALLON, NV	73-75,77-82	SEP

HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
98/ 97																	.1	1	1		
96/ 95																	.8	12	12		
94/ 93																.4	1.1	24	24		
92/ 91															.3	.6	.9	28	28		
90/ 89														.1	.3	.4	1.6	38	38		
88/ 87														.4	1.3	1.3	1.1	64	64		
86/ 85													.1	.7	1.7	1.8	.1	70	70		
84/ 83												.3	.6	1.1	1.3	.6		63	63		
82/ 81											.1	.4	.7	2.0	1.4	.3		77	77		
80/ 79										.3	.5	.7	1.5	1.6	1.3	.1		93	93		
78/ 77									.1	.1	.5	1.7	1.9	1.0	.1			86	86		
76/ 75						.1		.1	.2	.6	1.0	1.4	.9	.6				76	76		
74/ 73							.1	.1	.3	.6	1.5	1.1	1.0	.3				76	76		
72/ 71							.1	.3	.3	1.1	1.3	1.6	.7	.1				86	86		
70/ 69						.1	.3	.5	.6	1.0	1.8	.9	.2					86	86		
68/ 67			.1		.1	.1	.1	.5	1.7	2.1	1.3	.4	.1					106	106		
66/ 65			.2	.1	.3	.1	.4	.7	1.6	1.1	.6	.1						83	83	2	
64/ 63		.1			.2	.4	.8	1.2	1.3	.8	.3							79	79	22	1
62/ 61		.1	.2	.3	.1	.4	1.0	.8	.8	.6								70	70	73	3
60/ 59		.1	.1	.2	.3	.4	.8	1.3	1.1	.1	.1							68	68	116	3
58/ 57		.1	.2	.1	.2	.6	1.0	1.1	.4									58	58	166	4
56/ 55		.2	.1	.3	.3	1.3	.5	1.0	.3									61	61	201	9
54/ 53		.1	.1	.4	.4	.7	.5	.4	.1									42	42	199	14
52/ 51			.4	.3	.2	.6	.6	.3										48	48	164	15
50/ 49		.1	.1	.3	.4	.5	.3	.1										27	27	186	22
48/ 47		.1	.3	.2	.3	.1	.3											19	19	127	31
46/ 45			.1	.3	.2	.1												12	12	119	66
44/ 43		.1	.2		.3													8	8	82	80
42/ 41			.1		.3													7	7	54	87
40/ 39				.1	.1													2	2	30	122
38/ 37		.1	.1															2	2	16	212
36/ 35		.1																1	1	10	176
34/ 33																				5	189
32/ 31																				1	145

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

PSYCHROMETRIC SUMMARY

[illegible]2 (STATION) FALLON, NV (STATION NAME) 73-75,77-82 (YEARS) SEP (MONTH)

PAGE 2 (HOURS (L S T))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 29																					119
28 / 27																					89
[illegible] / 25																					66
24 / 23																					55
22 / 21																					31
[illegible] / 19																					22
18 / 17																					11
16 / 15																					1
14 / 11																					1
TOTAL		1.0	2.2	2.6	4.3	5.5	6.7	8.4	8.8	8.5	8.9	8.6	7.6	7.9	7.6	5.6	5.7		1573		1573
																		1573		1573	

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.	1927158	48640	30.9	16.406	1573							
Dry Bulb	8379744	111078	70.6	12.250	1573			451.3	324.1	190.4	16.9	720.0
Wet Bulb	4283223	81529	51.8	6.[illegible]50	1573		.5					720.0
Dew Point	2041961	55433	35.2	7.502	1573		246.7					720.0

PSYCHROMETRIC SUMMARY

23172 STATION | FALLON, NV STATION NAME | 73-82 YEARS | OCT MONTH

HOURS (LST)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31					
93 / 91																	.1		1	1		
91 / 89																	.1		2	2		
89 / 87															.2	.5	.1		14	14		
87 / 85															.2	.1	.1		7	7		
85 / 83													.1		.6	.2			16	16		
83 / 81													.1	.4	.9	.1			26	26		
81 / 79												.2	.3	.9	.7				36	36		
79 / 77											.1	.4	.7	.9	.1				40	40		
77 / 75										.1	.2	1.0	.9	.7	.1				52	52		
75 / 73										.2	.6	1.1	1.1	.2					59	59		
73 / 71									.1	.7	1.4	1.5	.5						75	75		
71 / 69									.5	1.1	1.6	1.1	.2	.1					85	85		
69 / 67								.2	.5	1.0	1.4	.5							67	67		
67 / 65						.1	.1	.6	.8	1.4	1.0	.3							78	78		
65 / 63						.2	.2	1.0	1.5	1.5	.7	.2							95	95		
63 / 61					.1	.2	.7	1.0	1.3	1.3	.1								83	83		
61 / 59		.1		.1	.2	.2	1.0	1.6	1.5	.8									100	100	5	
59 / 57				.1	.3	.6	1.3	1.5	1.4	.3									100	100	27	
57 / 55			.1	.1	.2	1.1	1.7	1.8	.9	.2									114	114	61	1
55 / 53			.1	.2	.6	.9	1.9	1.7	.1										101	101	122	
53 / 51		.1	.1	.2	.9	1.3	2.2	.5											91	91	154	
51 / 49	.1	.1	.2	.6	1.1	1.5	1.4	.1											94	94	179	3
49 / 47	.1	.3	.5	.5	.9	1.5	.9	.1											98	88	162	12
47 / 45	.1		.4	1.1	1.1	1.7	.2												93	83	186	15
45 / 43		.1	.8	1.0	1.1	.8													69	69	196	21
43 / 41	.2	.4	.5	1.3	1.1	.4	.1												68	68	173	43
41 / 39		.3	.7	1.0	1.0	.2													59	59	154	87
39 / 37	.1	.1	.6	1.1	.4	.1													42	42	121	112
37 / 35	.1	.3	.5	.7	.2														32	32	97	163
35 / 33		.2	.7	.3	.1														22	22	67	170
33 / 31		.2	.4	.1															12	12	61	180
31 / 29	.1	.3	.2	.1															11	11	33	202
29 / 27	.1	.2	.2	.1															9	9	14	199
27 / 25	.1	.1																	2	2	6	206

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

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

93112 STATION | FALLON, NV STATION NAME | 73-82 YEARS | OCT 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
24/ 23																				5	165
22/ 21																					113
20/ 19																					71
18/ 17																					39
16/ 15																					9
14/ 13																					16
12/ 11																					4
10/ 9																					1
8/ 7																					1
TOTAL	.9	2.4	5.9	8.2	9.3	10.5	11.6	10.0	8.6	8.5	7.0	6.4	3.8	3.1	2.7	.9	.3	1833	1833		1833
																		1833		1833	

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.	3421554	71674	39.1	18.380	1833							
Dry Bulb	6337203	105115	57.3	12.993	1833		13.9	194.8	102.7	34.1		744.0
Wet Bulb	3632298	80558	43.9	7.081	1833		52.4					744.0
Dew Point	1698972	54420	29.7	6.742	1833		489.5					744.0

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PSYCHROMETRIC SUMMARY

[illegible] FALLON, NV — 73-82 — NOV

STATION — STATION NAME — YEARS — MONTH

PAGE 1

HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 77											.1							1	1		
76 / 75												.1		.1				3	3		
[illegible] / 73										.1			.1	.1				4	4		
[illegible] / 71										.2	.2	.2	.1	.1				13	13		
[illegible] / 69									.1	.2	.2	.2	.1					11	11		
[illegible] / 67								.1	.2	.3	.6	.2						24	24		
[illegible] / 65								.2	.6	.2	.6	.1						28	28		
[illegible] / 63							.1	.3	.7	.6	.1	.1						42	42		
[illegible] / 61						.1	.2	1.0	.9	.7	.1							53	53		
[illegible] / 59				.1		.1	.9	.9	.7	.6	.1							56	56	1	
[illegible] / 57					.2	.4	.7	1.5	.4	.3	.1							67	67		
56 / 55					.3	1.1	1.7	1.4	.6	.1								91	91	2	
[illegible] / 53				.1	.3	1.2	1.5	1.4	.5									88	88	12	
[illegible] / 51			.1	.1	.5	1.3	1.3	.4	.1									64	64	19	
[illegible] / 49		.1	.4	.2	1.2	1.8	1.0	.3	.1									88	88	58	
[illegible] / 47			.3	.7	1.6	2.6	1.2	.7										120	120	90	1
46 / 45			.2	.9	1.7	1.9	.6	.2										97	97	108	3
[illegible] / 43		.2	.6	1.6	1.6	1.[illegible]	.3											94	94	131	12
42 / 41	.1	.4	1.3	1.9	1.3	.3	.5											109	109	142	14
[illegible] / 39	.1	.3	1.4	2.1	1.3	.9	.1											107	107	163	29
[illegible] / 37		.3	1.6	2.3	1.2	.3												101	101	158	60
36 / 35	.1	.4	2.2	1.7	.6	.3												93	93	161	110
34 / 33	.1	1.1	1.3	.9	.8	.1												74	74	139	109
[illegible] / 31	.3	1.1	2.6	.4	.3													82	82	132	133
[illegible] / 29	.1	1.5	1.5	.3	.3													67	67	111	157
[illegible] / 27	.2	1.4	.7	.7	.2													57	57	110	196
[illegible] / 25	.1	.9	.6	.3														32	32	63	196
24 / 23	.1	1.0	.3	.1														25	25	48	170
[illegible] / 21	.2	.7	.2															20	20	42	144
[illegible] / 19	.2	.5	.3															18	18	27	121
[illegible] / 17		.3	.2															9	9	9	87
[illegible] / 15		.2	.1															4	4	14	51
14 / 13		.2	.1															4	4	5	48
[illegible] / 11		.2																3	3	4	29

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

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

[illegible] STATION | FALLON, NV STATION NAME | 73-92 YEARS | NOV MONTH

PAGE [illegible] HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31				
1[illegible] / 9	.1	.1																2	2	3	26
[illegible] / 7																				1	27
[illegible] / 5	.1																	1	1	1	22
4 / [illegible]																					7
[illegible] / 1																					5
[illegible] / 1																					3
TOTAL	1.5	1[illegible].9	15.9	14.4	13.5	14.0	9.9	8.6	4.8	3.2	2.0	.8	.3	.2				1752	1752	1752	1752

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.	5264353	90313	51.5	18.654	1752							
Dry Bulb	3684229	77431	44.2	12.234	1752		133.2	23.0	3.3			720.0
Wet Bulb	2307772	67162	36.1	8.252	1752		234.2					720.0
Dew Point	1251949	44703	25.5	7.973	1752	1.2	581.1					720.0

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
721 2	FALLON, NV	73-92	DEC

PAGE 1

HOURS (L S T

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31	D.B. /W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] 67											.2	.1						4	4		
66/ 65								.1	.2	.1	.1	.1						6	6		
64/ 63							.1	.1	.2	.2	.3							13	13		
62/ 61							.1	.4	.2	.1	.2							17	17		
[illegible] 59						.1	.4	.5	.2	.1	.1							22	22		
58/ 57						.3	.7	.6	.5	.2								39	39		
56/ 55					.1	.2	.9	.5	.2	.1								36	36		
54/ 53					.4	.3	1.2	.8	.6	.1								65	65		
52/ 51				.1	.3	1.1	.9	.7	.2									55	55	3	
50/ 49				.2	.8	1.2	1.4	.2	.1									64	64	13	
[illegible] 47		.1	.1	.2	1.1	1.5	1.4	.2										77	77	26	
46/ 45			.3	.7	1.5	1.4	.8											80	80	47	
44/ 43		.1	.4	.8	2.7	1.7	.5	.1										95	95	60	5
42/ 41	.1	.4	.4	1.7	2.1	1.5	.1											105	105	102	9
40/ 39	.1	.5	1.2	2.5	2.2	.7	.1											124	124	112	13
38/ 37		.1	1.5	2.6	1.2	.4												104	104	127	31
36/ 35		.7	2.5	2.3	.7	.2												108	108	141	36
34/ 33	.3	1.0	3.1	1.8	1.1	.1												124	124	177	70
32/ 31		1.4	1.7	1.2	.5	.2												84	84	162	91
30/ 29	.1	1.1	2.0	1.3	.2													79	79	148	111
28/ 27	.1	2.2	2.0	.4	.1													80	80	98	153
26/ 25		1.4	1.7	.7														63	63	121	152
24/ 23	.1	2.0	1.2	.3														62	62	74	159
22/ 21		1.3	.5	.1														32	32	71	167
20/ 19	.1	1.8	.5															40	40	59	149
18/ 17	.2	1.1	.4															27	27	48	122
16/ 15	.2	1.3	.2															29	29	21	105
14/ 13	.4	.7	.1															18	18	32	98
12/ 11	.4	.2	.1															12	12	20	67
10/ 9	.2	.5																13	13	10	57
8/ 7		.3																3	3	9	46
6/ 5	.1																	1	1	2	18
4/ 3	.1																	1	1	1	17
2/ 1																					12

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

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3

PSYCHROMETRIC SUMMARY

721.2	FALLON, NV	73-82	DEC
STATION	STATION NAME	YEARS	MONTH

PAGE 2
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
-2 / -1	.1	.2																4	4	2	4
0 / 1																				5	5
2 / 3																					3
4 / 5																					2
6 / 7																					1
8 / 9																					1
10 / 11																					
TOTAL	2.5	15.2	12.9	16.9	14.2	11.4	8.6	4.0	2.4	.9	.5	.1						1688	1688	1688	1688
																		1688		1686	

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	682471	94891	56.2	18.26	1688							
Dry Bulb	2631593	63461	37.6	12.069	1688	1.8	241.5	1.8				744.0
Wet Bulb	1745075	52845	31.3	8.801	1688	1.8	387.9					744.0
Dew Point	1423061	36527	21.8	8.420	1688	7.9	673.5					744.0

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

9?12	FALLON, NV	73-92	ALL
STATION	STATION NAME	YEARS	MONTH

PAGE 1

HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31		Dry Bulb	Wet Bulb	Dew Point
106/105																	.0		1	1		
104/103																	.1		18	18		
102/101																	.1		29	29		
100/ 99																.0	.3		57	57		
98/ 97																.0	.5		115	115		
96/ 95															.0	.1	.7		166	166		
94/ 93														.0	.1	.1	.7		205	205		
92/ 91												.0	.0	.1	.2	.4	.9		323	323		
90/ 89												.0	.1	.1	.3	.7	.6		386	386		
88/ 87										.0	.0	.1	.1	.2	.6	.8	.3		447	447		
86/ 85										.0	.1	.1	.2	.4	.7	.6	.1		463	463		
84/ 83							.0	.0	.0	.0	.1	.1	.3	.5	.8	.3	.0		457	457		
82/ 81								.0	.0	.1	.1	.2	.4	.7	.6	.1	.0		465	465		
80/ 79						.0		.0	.0	.1	.2	.3	.6	.7	.4	.0			521	521		
78/ 77						.0	.0	.0	.1	.2	.3	.6	.8	.6	.1				583	583		
76/ 75				.0		.0	.0	.1	.2	.4	.4	.7	.6	.4	.0				570	570		
74/ 73					.0	.0	.1	.1	.2	.4	.6	.8	.7	.1					646	646		
72/ 71			.0	.0	.0	.0	.1	.2	.3	.5	.9	.7	.4	.0					646	646	?	
70/ 69			.0	.0	.0	.0	.2	.2	.4	.6	.8	.6	.2	.0					642	642	10	
68/ 67			.0	.0	.0	.1	.1	.3	.5	.8	.8	.4	.0						660	660	65	?
66/ 65		.0	.0	.0	.1	.1	.2	.3	.6	.8	.7	.2							664	664	225	E
64/ 63		.0	.0	.0	.1	.1	.3	.6	.8	.8	.4	.1							664	664	404	10
62/ 61		.0	.0	.1	.1	.1	.4	.6	.8	.7	.2	.0							649	649	631	18
60/ 59		.0	.0	.1	.1	.2	.5	.6	.8	.5	.1	.0							667	667	944	32
58/ 57		.0	.0	.0	.1	.3	.6	.9	.7	.3	.0								647	647	1097	38
56/ 55	.0	.0	.0	.1	.2	.6	.8	1.0	.6	.1	.0								730	730	1188	76
54/ 53		.0	.1	.1	.3	.6	1.0	1.0	.4	.0									749	749	1173	125
52/ 51		.0	.1	.1	.5	.9	1.1	.7	.2	.0									745	745	1130	168
50/ 49	.0	.0	.1	.3	.6	1.1	.9	.4	.1										722	722	1178	243
48/ 47	.0	.0	.2	.4	.7	1.1	.8	.2	.0										735	735	1074	320
46/ 45	.0	.0	.2	.6	1.0	1.1	.4	.1											723	723	1144	464
44/ 43	.0	.1	.3	.7	1.1	.8	.2	.0											683	683	1226	599
42/ 41	.0	.2	.5	1.0	1.0	.6	.2	.0											713	713	1206	798
40/ 39	.0	.2	.6	1.1	.9	.4	.1												697	697	1234	993

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

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION [illegible] FALLON, NV STATION NAME 73-82 YEARS ALL 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
[illegible] / 37	.0	.2	.8	1.0	.6	.1	.0											595	595	1201	1245
36 / 35	.1	.3	1.0	1.0	.4	.1												615	615	1125	1419
34 / 33	.1	.5	.9	.7	.3	.0												518	518	1014	1556
32 / 31	.1	.5	1.0	.5	.1	.0												477	477	881	1513
[illegible] / 29	.1	.5	.8	.3	.1													380	380	741	1686
[illegible] / 27	.1	.6	.6	.2	.0													325	325	576	1732
[illegible] / 25	.1	.5	.4	.1														225	225	487	1641
24 / 23	.1	.5	.3	.0														206	207	301	1477
22 / 21	.1	.4	.2	.0														139	139	247	1239
[illegible] / 19	.2	.3	.1															129	129	186	1085
1 - / 17	.1	.3	.0															85	85	136	805
16 / 15	.1	.2	.0															84	84	87	565
14 / 13	.1	.1	.0															40	40	72	415
12 / 11	.1	.1	.0															35	35	44	287
10 / 9	.1	.1																31	31	34	217
[illegible] / 7	.0	.1																19	19	18	154
[illegible] / 5	.0	.0																12	12	19	80
[illegible] / 3	.0	.0																10	10	9	46
[illegible] / 1	.0	.0																6	6	6	26
[illegible] / -1	.0	.0																11	11	12	23
- [illegible] / -3		.0																6	6	7	11
-4 / -5		.0																2	2	3	9
- [illegible] / -7	.0	.0																2	2	2	10
- [illegible] / -9		.0																1	1	2	4
-10 / -11		.0																1	1	1	6
-12 / -13																					3
-14 / -15		.0																1	1		2
-16 / -17																				1	
-18 / -19																					1
-20 / -21																					1
-26 / -27																					1
TOTAL	1.7	6.1	8.6	8.4	9.3	8.4	7.9	7.6	6.7	6.3	5.7	5.0	4.5	3.8	3.9	3.1	4.3		21144		21143
																		21143		21143	

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.	43664199	853599	40.4	21.088	21143							
Dry Bulb	78362728	1217106	57.6	19.813	21144	10.3	940.6	3056.7	2252.2	1397.3	242.8	8760.0
Wet Bulb	43261651	922519	43.6	11.931	21143	12.0	1625.6	31.4				8760.0
Dew Point	30730502	626716	29.6	10.092	21143	29.7	5400.8	.8				8760.0

NAVWEASERVCOM

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

[illegible] FALLON, NV 73-82

STATION STATION NAME YEARS

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
[illegible]	MEAN	11.0							65.3					51.0
	S. D.													27.366
	TOTAL OBS	1							3					4
[illegible]	MEAN	16.5	36.0	39.3	35.0	50.0	66.0	69.0	54.3	42.0	41.3	42.0		42.5
	S. D.			6.250										12.912
	TOTAL OBS	2	1	3	2	1	1	1	3	2	3	1		23
[illegible]	MEAN	24.7	29.8	35.3	44.6	54.1	65.9	71.5	66.6	57.2	43.6	31.4	25.9	46.1
	S. D.	11.252	8.493	7.163	7.567	8.005	6.996	5.479	6.466	7.248	8.108	9.039	10.521	18.257
	TOTAL OBS	301	282	310	300	310	300	310	305	266	305	295	295	3579
[illegible]	MEAN	33.3	43.0	48.8	56.6	66.6	76.6	81.7	81.2	73.5	61.4	47.0	38.6	59.3
	S. D.	9.618	7.872	8.028	9.801	9.941	8.591	6.179	7.511	8.683	9.130	8.736	8.766	18.592
	TOTAL OBS	304	282	310	300	310	300	309	305	266	305	296	300	3587
[illegible]	MEAN	41.8	50.2	54.3	61.7	71.4	81.7	89.5	87.2	79.9	68.0	54.2	47.0	65.6
	S. D.	9.846	8.879	9.846	10.461	10.205	9.131	6.693	7.923	9.371	10.093	9.708	9.334	18.260
	TOTAL OBS	304	282	310	300	310	300	310	305	266	305	295	299	3586
[illegible]	MEAN	41.4	50.5	54.4	62.8	72.3	83.0	91.3	88.0	80.7	67.8	52.8	45.6	65.9
	S. D.	10.298	8.923	9.184	10.658	10.380	9.222	7.386	8.166	9.436	10.312	9.934	9.222	19.008
	TOTAL OBS	303	282	310	300	310	300	310	305	266	305	294	296	3581
[illegible]	MEAN	31.9	41.4	47.0	55.5	66.0	76.9	84.9	79.8	70.4	55.4	42.2	35.2	57.5
	S. D.	10.268	7.801	7.685	9.376	9.951	8.893	6.914	7.573	8.100	8.499	8.526	9.051	19.393
	TOTAL OBS	297	282	310	300	310	300	310	305	266	305	293	277	3555
[illegible]	MEAN	27.3	36.5	40.8	47.8	57.2	66.4	72.9	69.6	61.2	48.1	37.2	31.4	50.4
	S. D.	10.997	7.714	7.417	8.300	8.325	7.469	5.626	7.147	7.866	8.153	8.735	9.596	16.733
	TOTAL OBS	233	253	279	270	309	297	296	247	241	305	278	221	3229
ALL HOURS	MEAN	33.6	42.0	46.9	54.9	64.9	75.1	82.4	79.0	70.6	57.3	44.2	37.6	57.6
	S. D.	12.315	11.076	10.633	11.570	11.410	10.773	9.933	11.055	12.251	12.993	12.235	12.070	19.814
	TOTAL OBS	1745	1664	1835	1772	1861	1798	1846	1778	1573	1833	1752	1698	21144

MEANS AND STANDARD DEVIATIONS

...ST-HOUR TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

...102 FALL ..., NY 73-82

STATION STATION NAME YEARS

HRS (L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
...	MEAN	..1.7							51.7					41.5
	S. D.													20.496
	TOTAL OBS	1							3					4
	MEAN	1..5	29.0	33.5	31.0	42.0	55.0	54.0	47.3	37.0	35.7	35.0		36.4
	S. D.			5.167										9.908
	TOTAL OBS	2	1	6	2	1	1	1	3	7	3	1		23
	MEAN	21.3	26.5	30.9	37.0	45.1	51.4	55.5	52.6	46.4	37.0	28.0	23.7	38.7
	S. D.	9.851	6.765	5.716	5.360	5.419	5.055	4.382	4.518	5.219	5.996	7.310	8.817	13.196
	TOTAL OBS	301	282	309	300	310	300	310	305	266	305	295	295	3578
	MEAN	30.3	35.7	38.7	42.7	49.4	55.0	59.4	58.1	53.8	46.6	38.7	33.0	45.1
1	S. D.	7.749	5.390	5.479	5.655	5.816	4.678	3.939	3.995	4.754	5.167	6.140	6.539	11.119
	TOTAL OBS	304	282	310	300	310	300	309	305	266	305	296	300	3587
	MEAN	34.3	39.2	42.8	44.7	50.9	56.4	61.1	59.8	55.8	49.2	41.9	37.3	47.7
1	S. D.	7.101	5.532	5.504	5.754	5.475	4.658	3.603	3.701	4.568	5.179	6.356	6.402	10.290
	TOTAL OBS	304	282	310	300	310	300	310	305	266	305	295	299	3586
	MEAN	34.3	38.9	40.6	44.8	50.9	56.8	61.5	59.8	55.6	48.6	40.7	36.1	47.4
1	S. D.	7.341	5.477	5.389	5.765	5.268	4.505	3.471	3.663	4.511	5.130	6.469	6.518	10.616
	TOTAL OBS	303	282	310	300	310	300	310	305	266	305	294	296	3581
	MEAN	27.3	34.2	37.3	41.2	48.1	54.2	58.7	56.2	51.3	43.0	34.9	29.9	43.2
1	S. D.	8.504	5.733	5.184	5.319	5.264	4.686	3.575	3.899	4.550	5.341	6.521	7.093	11.553
	TOTAL OBS	297	282	310	300	310	300	310	305	266	305	293	277	3555
	MEAN	24.6	31.3	33.8	37.7	44.8	50.3	54.3	52.8	47.8	39.4	31.9	27.3	40.1
12	S. D.	7.537	5.959	5.687	5.488	5.257	5.147	4.350	4.607	5.233	5.649	6.870	7.763	11.290
	TOTAL OBS	233	253	279	279	309	297	296	247	241	305	278	221	3229
ALL HOURS	MEAN	29.2	34.3	37.0	41.4	48.2	54.0	58.4	56.7	51.8	43.9	36.1	31.3	43.6
	S. D.	9.601	7.319	6.568	6.351	5.956	5.397	4.725	5.028	6.051	7.082	8.253	8.802	11.932
	TOTAL OBS	1745	1664	1834	1772	1860	1798	1846	1778	1573	1833	1752	1688	21143

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

[illegible] 2 STATION — FALLON, NV STATION NAME — 73-82 YEARS

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
[illegible]	MEAN	11.[illegible]							41.3					33.[illegible]
	S. D.													15.522
	TOTAL OBS	1							3					4
[illegible]	MEAN	19.5	17.0	25.7	24.5	34.0	48.0	44.0	42.0	29.5	28.7	25.0		29.5
	S. D.			5.007										9.249
	TOTAL OBS	2	1	6	2	1	1	1	3	2	3	1		23
[illegible]	MEAN	17.1	20.4	23.8	27.0	34.0	38.6	43.0	40.9	35.6	28.7	22.0	17.[illegible]	29.1
	S. D.	[illegible].700	6.546	6.598	6.854	6.885	7.711	7.568	7.590	7.356	7.121	7.654	8.723	11.647
	TOTAL OBS	301	282	30[illegible]	300	31[illegible]	300	310	305	266	305	295	295	3578
[illegible]	MEAN	24.7	26.0	25.7	26.4	33.1	37.3	41.9	41.[illegible]	37.0	31.6	28.5	24.9	31.5
	S. D.	7.593	6.070	7.049	6.867	7.406	7.529	7.525	7.193	7.469	6.439	7.045	7.246	9.419
	TOTAL OBS	304	282	310	300	310	300	309	305	266	305	296	300	3587
1	MEAN	25.2	25.1	24.1	25.3	31.6	36.2	41.1	39.9	36.1	30.8	27.5	24.6	30.6
	S. D.	7.258	6.535	7.349	6.930	7.162	7.067	6.747	6.575	6.831	6.298	7.444	7.364	9.222
	TOTAL OBS	304	282	310	300	310	300	310	305	266	305	295	299	3586
[illegible]	MEAN	23.[illegible]	23.9	23.1	24.0	30.6	35.8	40.9	39.1	34.6	29.1	26.2	23.1	29.5
	S. D.	7.667	6.575	7.352	7.129	6.582	6.798	6.518	6.274	7.072	6.489	7.810	7.734	9.449
	TOTAL OBS	303	282	310	300	310	300	310	305	266	305	294	296	3581
[illegible]	MEAN	20.[illegible]	23.6	23.1	23.0	30.[illegible]	34.4	38.8	36.9	33.6	28.9	24.9	20.9	28.3
	S. D.	[illegible].642	6.244	7.583	8.073	7.333	8.170	7.718	8.305	8.051	6.874	8.168	8.190	9.961
	TOTAL OBS	297	282	310	300	310	300	310	305	266	305	293	277	3555
[illegible]	MEAN	19.4	23.1	23.5	24.2	31.5	35.2	38.7	38.2	34.4	29.0	23.9	19.8	28.7
	S. D.	9.625	6.645	7.511	7.714	7.392	8.936	8.554	8.233	7.753	6.721	7.938	8.4[illegible]8	10.324
	TOTAL OBS	273	253	279	270	309	297	296	247	241	305	278	221	3229
ALL HOURS	MEAN	21.9	23.7	23.9	25.0	31.9	36.3	40.7	39.4	35.2	29.7	25.5	21.8	29.6
	S. D.	8.979	6.761	7.283	7.387	7.250	7.844	7.607	7.497	7.503	6.743	7.974	8.420	10.093
	TOTAL OBS	1745	1664	1834	1772	1862	1798	1846	1778	1573	1833	1752	1688	21143

NAVWEASERVCOM

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

3

2 [illegible] | STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
	[illegible]											
		[illegible].0	1[illegible].0	[illegible].7	[illegible].0	[illegible]	[illegible].4	6[illegible].1	34.6	1[illegible].9	76.4	3[illegible]1
		[illegible].0	1[illegible].0	1[illegible].0	[illegible].7	[illegible].1	73.0	4[illegible].4	23.0	17.8	71.4	3[illegible]4
		[illegible].0	1[illegible].0	[illegible].7	[illegible].6	[illegible].7	27.[illegible]	1[illegible].1	[illegible].9	[illegible].9	54.2	3[illegible]4
		[illegible].0	1[illegible].0	[illegible].7	72.[illegible]	43.[illegible]	25.1	14.5	7.6	[illegible].[illegible]	61.8	[illegible]3
		[illegible].0	1[illegible].0	[illegible].0	[illegible].3	[illegible].[illegible]	52.3	31.0	17.2	[illegible].4	65.5	[illegible]97
		[illegible].0	1[illegible].0	99.6	99.1	[illegible].1	93.7	52.4	[illegible].0	21.9	73.9	233
TOTALS		[illegible].0	1[illegible].0	[illegible].6	[illegible].9	76.6	[illegible].2	37.6	21.1	1[illegible].[illegible]	65.5	1742

OCEANAV–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

STATION _____ STATION NAME _____ PERIOD _____ MONTH _____

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
		100.0	100.0	99.6	97.2	91.[illegible]	75.5	49.3	22.4	5.7	69.6	[illegible]
		100.0	9.6	95.7	79.1	51.1	31.6	12.4	5.7	1.4	53.2	[illegible]
	1	[illegible]	4.7	72.3	41.1	18.[illegible]	9.9	[illegible]	1.1	.4	39.8	[illegible]
		[illegible]	[illegible]	64.2	34.[illegible]	17.4	[illegible].2	[illegible]	1.4	.4	37.6	[illegible]
		100.0	9.6	95.7	74.5	46.1	23.5	11.	4.3	1.1	51.1	[illegible]
		100.0	9.6	98.4	84.5	75.1	45.1	22.[illegible]	7.9	1.6	6 .0	[illegible]
TOTALS		[illegible]	7.[illegible]	87.[illegible]	70.2	[illegible].1	32.[illegible]	17.1	7.3	1.[illegible]	51.9	1663

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%		
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	33.0	[illegible]	4.9	54.5	[illegible]
		100.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.5	[illegible]	[illegible]	42.6	[illegible]
		100.0	[illegible]	[illegible]	[illegible]	.7	[illegible]	2.9	1.3		33.1	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7.4	[illegible]	.3	.3	32.2	[illegible]
		[illegible]	7.1	[illegible]	[illegible]	[illegible]	[illegible]	5.5	[illegible]	.6	41.4	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	26.6	11.1	4.7	1.4	52.1	[illegible]
TOTALS		[illegible]	[illegible]	73.7	[illegible]	[illegible]	[illegible]	10.0	4.2	1.3	44.3	1-28

OCEANAV–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

STATION _____ STATION NAME _____ PERIOD _____ MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
		100.0	9.7	93.7	74.3	48.7	28.	13.7	7.3	4.3	32.4	300
		100.0	[illegible]	[illegible]	83.	13.	6.3	2.7	1.		34.	300
	1	100.0	[illegible]	24.7	14.	7.	3.	.7	.3		27.7	300
	1	99.	[illegible]	21.	11.	5.	2.	1.3	.3		2.1	300
		100.0	[illegible]	77.7	2[illegible]	13.	8.7	[illegible]	1.3	1.0	31.6	300
	1	100.0	[illegible]	72.2	44.4	25.	14.4	7.4	4.1	1.5	42.9	[illegible]
TOTALS		[illegible]	[illegible]	[illegible]	[illegible]	18.9	10.4	4.8	2.4	1.1	35.5	177

OCEANAV–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

STATION _____ STATION NAME _____ PERIOD _____ MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
		100.0	11.0	8 .4	53.2	3 .1	15.8	6.5	3.1	.6	49.3	31
	2	100.0	2.3	37.7	17.7	9.1	7.6	2.4	1.3		31.6	31
	1	100.0	74.2	12.1	0.4	4.5	3.5	1.9			24.0	31
		99.7	3.	16.5	8.1	4.8	3.3	1.6	.6		27.4	31
		100.0	84.2	22.1	10.1	10.	4.5	2.5	.1		28.8	31
	2	100.0	17.7	7 .2	39.3	2 .4	12.9	6.1	3.6	.6	40.4	31
TOTALS		1 .0	3.7	43.1	24.2	12.9	7.0	3.2	1.4	.2	32.3	1559

CCEANAV–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

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

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
	[illegible]											
		1[illegible].0	[illegible].7	7[illegible].3	33.7	16.[illegible]	6.7	2.7	1.0	.7	35.4	[illegible]10
		100.[illegible]	[illegible]4.3	24.[illegible]	9.3	[illegible].3	2.	1.	.[illegible]	.[illegible]	26.[illegible]	310
	1[illegible]	9.7	39.3	[illegible].0	[illegible].[illegible]	2.3	1.7	1.	1.[illegible]		[illegible]1.1	[illegible]10
	[illegible]	99.	[illegible].7	8.0	[illegible].0	2.[illegible]	2.0	1.0	1.		[illegible].0	310
		[illegible].0	4[illegible].3	15.7	7.	[illegible].[illegible]	[illegible].[illegible]	2.3	1.[illegible]	.3	23.6	[illegible]10
	[illegible]	10[illegible].0	6.[illegible]	[illegible]1.2	22.[illegible]	9.4	6.7	3.[illegible]	2.4	1.0	[illegible]5.[illegible]	[illegible]07
TOTALS		[illegible].[illegible]	[illegible].5	2[illegible].[illegible]	13.[illegible]	[illegible].[illegible]	[illegible].9	2.[illegible]	1.2	.4	[illegible]7.2	17[illegible]7

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%		
		100.0	9.3	74.4	41.0	24.3	12.1	5.2	2.6	1.7	41.4	3
		100.0	4.0	22.	10.	7.9	2.3	1.	.7	.3	25.	3
	1	100.0	42.	17.	4.3	2.	1.3	.3			20.	3
		96.0	21.	8.9	4.	2.	1.	.3	.3		19.	3
		95.	46.6	21.	8.9	4.	2.	1.	.7		27.	3
		100.0	91.1	77.2	24.7	11.7	7.3	4.	1.2	1.2	34.	247
TOTALS		99.7	7.	31.	15.7	8.	4.6	2.1	.9	.5	27.	1772

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NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

STATION _____ STATION NAME _____ PERIOD 73-75,77-82 MONTH _____

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
		100.0	100.0	98.0	89.	71.2	16.9	7.	.5	1.	46.6	6
		100.0	92.2	29.9	12.5	7.0	4.9	2.3	1.5		28.3	246
		93.6	4 .6	15.4	6.3	.	2.6	.3			22.5	246
		97.6	73.	12.	6.	2.	1.9	.8	.8		25.6	246
		100.0	96.7	71.2	15.2	7.1	5.3	2.0	1.5		24.3	246
		1 .3	6.3	67.6	33.2	17.8	10.0	6.6	2.1		35.1	241
TOTALS		3.3	6 .3	47.5	22.2	11.7	6.9	3.9	1.7	.7	31.0	1571

OCEANAV–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

STATION _____ STATION NAME _____ PERIOD _____ MONTH _____

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
		100.0	100.0	97.7	83.6	63.9	4 .7	28.3	6.5	4.6	58.1	3
		100.0	0.2	55.7	27.2	12.5	4.3	2.	1.	.7	34.9	3
		1 .0	5 .5	29.3	9.8	.0	2.3	1.6	1.0	.3	27.2	3
		99.7	.3	25.2	9.8	3.2	2.6	1.0	.3		25.6	3
		100.0	7.0	67.2	37.	17.7	7.5	3.5	1.3	.7	38.4	
		100.0	100.0	92.0	69.6	41.6	21.6	11.3	4.6	1.	49.9	
TOTALS		1 .0	6.0	61.4	39.5	24.7	11.2	7.5	3.8	1.2	36.1	1

OCEANAV–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
		100.0	1[illegible]8.0	[illegible]9.7	[illegible]5.6	[illegible]7.2	74.6	[illegible]3.6	25.1	8.8	7[illegible].0	2[illegible]5
	[illegible]0	100.0	[illegible]6.6	92.9	74.0	46.5	25.3	11.[illegible]	5.1	[illegible].[illegible]	[illegible]1.[illegible]	[illegible]
	1[illegible]	1[illegible]0.0	[illegible]6.3	71.9	32.[illegible]	11.9	5.[illegible]	[illegible].4	.7	.3	[illegible]7.7	[illegible]
	[illegible]	1[illegible].[illegible]	4.[illegible]	6[illegible].7	33.7	14.3	6.2	[illegible].4	1.[illegible]	.[illegible]	[illegible]1.[illegible]	2[illegible]4
	[illegible]	1[illegible].0	9.3	95.2	[illegible]7.[illegible]	52.7	24.7	11.3	[illegible].4	1.[illegible]	[illegible]2.6	293
	2	100.0	[illegible].6	97.1	[illegible]2.9	77.2	51.4	24.[illegible]	[illegible].	1.[illegible]	6[illegible].5	2[illegible]3
TOTALS		1[illegible].0	[illegible].[illegible]	[illegible]7.[illegible]	67.7	[illegible]8.[illegible]	32.3	16.2	7.4	2.4	51.6	17[illegible]1

OCEANAV–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

3

2 FALL N, N — STATION / STATION NAME

PERIOD

DEC — 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%		
	01											
		[illegible]	100.0	99.7	96.6	89.2	7[illegible].3	55.9	2[illegible].1	6.[illegible]	70.7	2[illegible]
	[illegible]	100.0	100.0	[illegible]6.7	87.[illegible]	73.7	49.[illegible]	26.[illegible]	11.7	3.7	6[illegible].2	3[illegible]0
	1	100.0	7.3	84.[illegible]	53.8	24.7	10.7	5.7	7.[illegible]	.3	43.6	299
	[illegible]	1[illegible].[illegible]	7.[illegible]	86.1	51.7	25.[illegible]	10.1	5.4	2.7	.7	43.1	296
	[illegible]	1[illegible].[illegible]	9.6	96.4	[illegible]8.4	71.[illegible]	42.2	19.5	[illegible].3	1.4	57.8	277
	[illegible]	100.0	[illegible]9.5	[illegible]8.2	91.9	79.7	5[illegible].6	[illegible]8.[illegible]	14.9	2.7	[illegible]4.1	[illegible]1
TOTALS		1[illegible].[illegible]	[illegible].9	[illegible]3.[illegible]	78.2	[illegible]0.[illegible]	41.[illegible]	25.1	10.[illegible]	2.[illegible]	56.[illegible]	16[illegible]8

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

RELATIVE HUMIDITY

12 FALL N, NY — STATION / STATION NAME — PERIOD — ALL MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
[illegible]	ALL	[illegible]	100.0	[illegible]7.6	90.9	76.6	6 .2	37.6	21.1	1[illegible]	[illegible]5.5	1742
[illegible]		1[illegible]	7.9	[illegible]7.[illegible]	70.2	[illegible]5.1	32.[illegible]	17.1	7.3	1.[illegible]	51.9	1[illegible]3
[illegible]		100.0	[illegible].1	73.[illegible]	51.2	34.3	2..[illegible]	10.0	4.2	1.[illegible]	44.3	1[illegible]6
[illegible]		[illegible]9.9	[illegible]7.7	[illegible]5.3	[illegible]1.2	1[illegible].9	1 .6	4.[illegible]	2.4	1.1	35.5	1[illegible]7
[illegible]		100.0	[illegible]3.7	43.6	24.2	12.[illegible]	7.[illegible]	3.5	1.4	.2	32.3	1[illegible]9
[illegible]		[illegible].[illegible]	.5	29.[illegible]	13.[illegible]	[illegible].[illegible]	[illegible].[illegible]	2.[illegible]	1.2	.4	27.2	17[illegible]7
[illegible]		[illegible]0.0	[illegible]3.6	25.3	11.7	5.[illegible]	[illegible].7	1.5	.[illegible]	.1	25.4	1[illegible]4[illegible]
		[illegible].[illegible]	[illegible]9.2	[illegible]1.[illegible]	15.7	[illegible].[illegible]	4.6	2.1	.[illegible]	.[illegible]	27.[illegible]	1772
[illegible]		[illegible].[illegible]	[illegible].3	40.[illegible]	22.2	11.[illegible]	6.9	[illegible].[illegible]	1.7	.[illegible]	[illegible]1.[illegible]	15[illegible]1
[illegible]		1[illegible].[illegible]	6.[illegible]	61.4	[illegible]9.[illegible]	24.3	13.2	7.5	2.6	1.[illegible]	[illegible]9.1	1[illegible]3[illegible]
[illegible]		1[illegible].[illegible]	[illegible].[illegible]	87.5	67.7	48.[illegible]	32.3	[illegible]5.2	7.4	[illegible].4	51.6	1751
[illegible]		100.[illegible]	[illegible].9	93.6	78.2	[illegible]0.6	41.[illegible]	25.1	1[illegible].5	[illegible].6	56.6	1698
TOTALS		100.0	[illegible].[illegible]	60.1	[illegible]3.[illegible]	29.[illegible]	15.7	11.1	5.1	[illegible].1	[illegible]1.[illegible]	2111[illegible]

OCEANAV–SMOS

3

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

STATION: FALL [illegible], NV — STATION NAME — YEARS: JANUARY 1973-DECEMBER 1992 — MONTH: JANUARY — HOUR: [illegible]

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76											
67 TO 71											
62 TO 66				25.0	50.0	25.0				8	.5
57 TO 61	4.5			4.5	22.7	31.8	13.6	4.5	18.2	22	1.3
52 TO 56	19.0	15.5	4.8	2.4	27.4	6.0	1.2	4.8	19.0	84	4.8
47 TO 51	13.7	14.4	2.9	13.7	22.3	10.1	6.5	3.6	12.9	139	8.0
42 TO 46	13.6	15.5	4.2	4.9	19.7	4.2	5.2	6.1	22.5	213	12.2
37 TO 41	19.2	14.4	6.8	8.4	12.8	2.4	6.4	4.0	25.6	250	14.3
32 TO 36	19.4	11.7	7.0	6.3	11.4	5.4	4.8	7.0	27.0	315	18.1
27 TO 31	18.5	10.0	6.3	3.7	12.6	5.9	3.0	5.6	34.4	270	15.5
22 TO 26	11.4	9.2	6.5	4.9	14.7	5.4	5.4	4.9	37.5	184	10.5
17 TO 21	6.5	13.9	4.6	7.4	4.6	4.6	2.8	1.9	53.7	109	6.2
12 TO 16	6.3	7.9	6.3	1.6	17.5	11.1	4.8	3.2	41.3	63	3.6
7 TO 11	6.7	4.4	4.4	6.7	11.1	2.2	4.4		60.0	45	2.6
2 TO 6		5.0		5.0	10.0	10.0	10.0		60.0	20	1.1
-3 TO 1	5.9		5.9		17.6	5.9			64.7	17	1.0
-8 TO -4					20.0				80.0	5	.3
-13 TO -9	100.0									1	.1
-18 TO -14									100.0	1	.1
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-63 TO -59											
TOTALS	15.0	11.8	5.6	6.6	15.0	5.9	4.8	4.8	30.7	1745	100.0

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PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

[illegible] FALLON, NV JANUARY 1973-DECEMBER 1982 FEBRUARY

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
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81							100.0			1	.1
72 TO 76					80.0				20.0	5	.7
67 TO 71	14.3		28.6		28.6	14.3			14.3	7	.4
62 TO 66	9.8	27.5	5.9	7.8	13.7	13.7	9.8	3.9	7.8	51	3.1
57 TO 61	2.2	14.3	5.5	6.6	23.1	11.0	9.9	6.6	20.9	91	5.5
52 TO 56	8.5	13.0	5.6	10.7	18.1	14.1	10.7	3.4	15.8	177	10.6
47 TO 51	8.3	11.3	7.2	11.3	21.7	8.7	9.5	6.1	16.7	263	15.8
42 TO 46	13.1	11.7	10.2	9.1	16.2	4.5	11.3	6.8	18.1	265	15.9
37 TO 41	15.6	9.7	4.5	9.3	16.0	3.7	7.4	6.7	27.1	269	16.2
32 TO 36	14.4	9.4	5.3	10.2	12.7	5.3	5.3	6.6	30.3	244	14.7
27 TO 31	12.7	6.7	4.7	12.0	17.3	5.3	6.0	6.0	29.3	150	9.0
22 TO 26	10.0	1.1	6.7	3.3	16.7	4.4	3.3	6.7	47.8	90	5.4
17 TO 21	2.6	2.6		7.9	18.4	5.3	5.3	10.5	47.4	38	2.3
12 TO 16				18.2					81.8	11	.7
7 TO 11				100.0						1	.1
2 TO 6									100.0	1	.1
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-63 TO -59											
-68 TO -64											
-73 TO -69											
-78 TO -74											
-83 TO -79											
TOTALS	11.7	10.3	6.3	9.6	17.3	6.9	6.2	6.1	24.5	1664	100.0

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PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

[illegible] FALLON, NV JANUARY 1973-DECEMBER 1982 MARCH

STATION YEAR (S) USED 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
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81					100.0					1	.1
72 TO 76	21.4		7.1	7.1	21.4	21.4			21.4	14	.8
67 TO 71	14.0	14.0		7.0	23.3	9.3	16.3	7.0	9.3	43	2.3
62 TO 66	11.6	5.8	5.8	6.6	19.0	17.4	14.9	5.8	13.2	121	6.6
57 TO 61	9.8	10.3	4.0	8.0	18.4	11.5	16.7	8.0	13.2	174	9.5
52 TO 56	15.0	8.4	5.1	5.5	17.2	9.5	15.0	11.3	13.1	274	14.9
47 TO 51	17.7	8.2	9.6	7.8	12.3	7.5	11.6	14.0	11.3	293	16.0
42 TO 46	20.3	11.1	4.7	7.9	9.8	5.1	10.8	13.3	17.1	316	17.2
37 TO 41	19.7	5.[illegible]	3.9	6.2	13.9	5.0	17.0	13.9	15.4	259	14.1
32 TO 36	19.1	4.5	4.1	4.1	10.0	7.7	9.5	14.5	26.4	220	12.0
27 TO 31	12.9	4.7		4.7	21.2	7.1	7.1	10.6	31.8	85	4.6
22 TO 26	11.1	14.8	3.7	7.4	11.1		7.4	3.7	40.7	27	1.5
17 TO 21	14.3			28.6	28.6		14.3		14.3	7	.4
12 TO 16			100.0							1	.1
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-63 & BLW											
TOTALS	16.6	7.8	5.1	6.6	14.4	8.1	12.9	11.8	16.7	1835	100.0

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PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

NAS FALLON, NV — JANUARY 1973-DECEMBER 1982 — APRIL

WIND DIRECTION

TEMP	NNE & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91									100.0	1	.1
82 TO 86	6.7	6.7		6.7	40.0	13.3	20.0	6.7		15	.8
77 TO 81	15.9	2.3	2.3	4.5	15.9	18.2	18.2	9.1	13.6	44	2.5
72 TO 76	20.2	2.1	3.5	4.3	18.1	12.8	14.9	8.5	10.6	94	5.3
67 TO 71	19.2	7.9	8.6	7.3	7.9	7.3	16.6	13.2	11.9	151	8.5
62 TO 66	15.0	8.1	5.7	3.9	12.8	8.1	19.4	12.3	11.9	211	11.9
57 TO 61	18.4	13.9	6.1	4.1	9.8	8.6	16.4	12.3	10.2	244	13.8
52 TO 56	24.0	9.6	3.1	4.1	7.9	6.5	15.4	16.5	11.3	292	16.5
47 TO 51	19.3	8.8	2.2	5.1	11.3	5.1	16.1	16.4	15.7	274	15.5
42 TO 46	18.5	8.5	2.8	6.6	9.5	2.8	14.7	18.0	18.5	211	11.9
37 TO 41	24.8	5.0	2.8	2.1	5.7	6.4	17.7	22.7	12.8	141	8.0
32 TO 36	14.7	6.7	2.7	9.3	10.7	6.7	13.3	17.3	18.7	75	4.2
27 TO 31	12.5		12.5		31.3	6.3	6.3	6.3	25.3	16	.9
22 TO 26									100.0	1	.1
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-63 & LWR											
TOTALS	16.7	8.4	4.4	4.9	10.6	7.1	16.2	15.3	13.4	1772	100.0

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PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

[illegible] / FALLON, NV / JANUARY 1973-DECEMBER 1982 / MAY

STATION / STATION NAME / YEARS / MONTH / HOURS

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 -											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96	50.0						50.0			2	.1
87 TO 91	16.1	6.5	3.2	3.2	3.2	3.2	32.3	22.6	9.7	31	1.7
82 TO 86	13.8	13.8	8.5	3.2	5.3	10.6	19.1	18.1	7.4	94	5.1
77 TO 81	22.6	12.6	5.8	1.1	4.7	7.4	22.1	16.8	6.8	190	10.2
72 TO 76	19.9	13.5	7.1	3.0	6.0	6.8	20.7	15.8	7.1	266	14.3
67 TO 71	23.2	14.3	5.9	3.7	7.0	5.1	15.8	15.1	9.9	272	14.6
62 TO 66	20.8	10.4	5.5	1.6	6.8	6.8	16.9	17.9	13.0	307	16.5
57 TO 61	20.0	6.9	4.5	4.9	11.8	2.9	15.9	19.6	13.5	245	13.2
52 TO 56	20.2	7.7	3.8	4.8	8.2	7.2	17.3	14.9	15.9	208	11.2
47 TO 51	21.0	10.5	3.2	5.6	10.5	4.0	12.9	21.0	11.3	124	6.7
42 TO 46	22.9	4.8	4.8	4.8	6.0	6.0	15.7	27.7	7.2	83	4.5
37 TO 41	15.2	12.1	6.1	3.0	6.1	9.1	30.3	18.2		33	1.8
32 TO 36	20.0	20.0				20.0	20.0		20.0	5	.3
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-63 AND UP											
TOTALS	20.6	10.8	5.4	3.4	7.4	6.1	18.1	17.6	10.5	1860	100.0

NAVWEASERVCOM

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PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

STATION: [illegible] FALLON, NV — PERIOD: JANUARY 1973-DECEMBER 1982 — MONTH: JUNE

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					100.0					1	.1
97 TO 101		13.3	6.7		6.7	6.7	40.0	26.7		15	.9
92 TO 96	16.5	10.6	5.9	1.2	9.2	11.8	15.3	20.0	10.6	85	4.7
87 TO 91	21.4	10.2	4.6	1.0	7.7	5.6	22.4	18.4	8.7	196	10.9
82 TO 86	17.3	9.8	5.5	3.5	5.1	6.7	22.0	20.0	10.2	255	14.2
77 TO 81	19.6	10.1	6.5	4.0	4.7	5.1	23.9	15.2	10.9	276	15.4
72 TO 76	21.1	9.2	2.7	1.7	7.1	3.1	26.2	15.6	13.3	294	16.4
67 TO 71	20.1	7.6	2.3	1.5	8.7	6.9	19.7	19.3	14.9	264	14.7
62 TO 66	19.1	7.2	1.0	1.0	12.4	4.3	22.5	14.8	17.7	209	11.6
57 TO 61	23.6	7.3	3.3	3.3	3.3	4.9	17.9	21.1	15.4	123	6.8
52 TO 56	25.0	12.5	7.1	1.8	7.1	8.9	14.3	12.5	10.7	56	3.1
47 TO 51	18.2	9.1	13.6		13.6	4.5	13.6	18.2	9.1	22	1.2
42 TO 46							50.0		50.0	2	.1
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-63 & LWR											
TOTALS	19.8	9.1	4.1	2.2	7.3	5.6	22.0	17.5	12.4	1798	100.0

NAVWEASERVCOM

3

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

[illegible] FALLON, NV — JANUARY 1973-DECEMBER 1982 — JULY

STATION — STATION NAME — 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
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106	26.1	13.0				4.3	13.0	34.8	8.7	2[illegible]	1.2
97 TO 101	24.5	12.2	3.1	3.1	2.0	7.1	19.4	21.4	7.1	98	5.3
92 TO 96	20.2	10.1	4.0	2.8	4.5	6.5	21.1	19.4	11.3	247	13.4
87 TO 91	20.7	11.0	6.3	1.1	4.1	5.2	23.1	21.2	7.2	363	19.7
82 TO 86	21.9	8.3	5.0	2.2	6.8	5.4	28.1	14.0	8.3	278	15.1
77 TO 81	14.3	5.3	3.0	3.0	9.1	5.3	23.0	22.6	14.3	265	14.4
72 TO 76	11.5	4.2	1.7	3.5	14.3	5.9	21.3	22.0	15.4	286	15.5
67 TO 71	9.5	3.9		2.2	12.8	6.7	24.0	20.1	20.7	179	9.7
62 TO 66	20.0	6.7	1.3		10.7	6.7	17.3	20.0	17.3	75	4.1
57 TO 61	24.0		4.0			20.0	20.0	16.0	16.0	25	1.4
52 TO 56		16.7						50.0	33.3	6	.3
47 TO 51			100.0							1	.1
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 & LOW											
TOTALS	17.6	7.7	3.6	2.3	7.7	6.0	22.7	20.3	12.1	1846	100.0

NAVWEASERVCOM

3

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

STATION: [illegible] FALLON, NV (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEAR) AUGUST (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	25.0	37.5						12.5	25.0	8	.4
97 TO 101	23.0	13.5	8.1		1.4	4.1	20.3	16.2	13.5	74	4.2
92 TO 96	25.3	10.3	5.5	5.5	5.5	10.3	15.8	15.8	6.2	146	8.2
87 TO 91	23.6	11.1	4.4	1.1	6.3	7.0	18.1	18.8	9.6	271	15.2
82 TO 86	18.9	10.1	4.7	2.7	6.4	6.1	19.9	19.5	11.8	297	16.7
77 TO 81	16.7	10.9	7.3	2.3	8.5	6.6	20.5	15.1	12.4	259	14.5
72 TO 76	13.8	7.1	4.6	5.4	10.8	6.7	15.4	17.9	18.3	240	13.5
67 TO 71	12.2	7.7	1.4	4.1	23.9	5.9	13.5	14.4	17.1	222	12.5
62 TO 66	8.5	2.6	3.9	5.2	20.9	5.9	13.7	15.7	23.5	153	8.6
57 TO 61	12.3	4.1		5.5	16.4	5.5	9.6	19.2	27.4	73	4.1
52 TO 56	7.4	3.7	3.7		18.5	3.7	11.1	22.2	29.6	27	1.5
47 TO 51		12.5				25.0	25.0	25.0	12.5	8	.4
42 TO 46									100.0	1	.1
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	17.0	8.9	4.4	3.3	11.0	6.6	16.8	17.2	14.7	1778	100.0

NAVWEASERVCOM

3

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

STATION: [illegible] FALLON, NV — STATION NAME: FALLON, NV — YEARS: JANUARY 1973-DECEMBER 1982 — MONTH: SEPTEMBER

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101						100.0				1	.1
92 TO 96	18.0	10.0	6.0	4.0	14.0	6.0	20.0	12.0	10.0	50	3.2
87 TO 91	25.9	17.2	6.0	3.4	4.3	2.6	10.3	11.2	19.0	116	7.4
82 TO 86	22.9	17.3	3.5	2.3	4.6	2.3	12.7	14.5	13.9	173	11.0
77 TO 81	22.2	19.9	3.7	3.2	7.4	4.6	13.0	12.0	13.9	216	13.7
72 TO 76	21.6	14.9	3.1	3.1	5.7	3.1	18.6	11.9	18.0	194	12.3
67 TO 71	19.5	13.1	3.0	6.8	8.5	2.5	14.0	11.4	21.2	236	15.0
62 TO 66	15.2	9.6	4.0	5.1	12.1	4.5	10.1	10.1	29.3	198	12.6
57 TO 61	18.8	8.1	1.9	4.4	12.5	5.6	13.6	11.3	26.9	160	10.2
52 TO 56	17.7	4.6	.8	3.8	17.7	7.7	10.0	6.9	30.8	130	8.3
47 TO 51	16.4	4.5	3.0	1.5	14.9	10.4	7.5	11.9	29.9	67	4.3
42 TO 46	8.0		4.0	4.0	8.0	16.7	8.0	8.0	44.0	25	1.6
37 TO 41						33.3	16.7	16.7	33.3	6	.4
32 TO 36							100.0			1	.1
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-63 & LWR											
TOTALS	20.4	12.7	3.3	4.0	9.3	4.7	12.7	11.3	21.6	1573	100.0

NAVWEASERVCOM

3

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

NAS 2 (STATION) FALLON, NV (STATION NAME) JANUARY 1977-DECEMBER 1982 (YEAR) OCTOBER (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	29.4	29.4	5.9	5.9			11.8	11.8	5.9	17	.9
82 TO 86	37.5	21.9	3.1		3.1	6.3	12.5	3.1	12.5	32	1.7
77 TO 81	26.9	20.4	2.2	2.2	9.7	5.4	16.1	6.5	10.8	93	5.1
72 TO 76	17.0	21.3	6.8	4.8	13.6	3.4	8.8	4.8	19.0	147	8.0
67 TO 71	24.1	19.4	6.8	2.1	9.9	2.1	9.9	8.4	18.3	191	10.4
62 TO 66	19.0	14.3	4.8	6.2	13.8	3.3	11.4	6.7	20.5	210	11.5
57 TO 61	17.1	10.6	4.1	2.3	13.8	4.9	13.0	8.5	26.0	246	13.4
52 TO 56	19.7	10.4	2.3	3.9	13.1	5.0	10.8	8.5	26.3	259	14.1
47 TO 51	17.5	6.1	2.6	4.4	13.5	6.6	10.5	10.9	27.9	229	12.5
42 TO 46	11.3	3.6	1.0	2.6	10.9	8.8	8.8	7.7	45.4	194	10.6
37 TO 41	6.3	3.9	.8	1.6	14.2	3.9	11.6	8.7	48.8	127	6.9
32 TO 36	3.4	1.7	1.7	3.4	11.9	3.4	10.2	1.7	62.7	59	3.2
27 TO 31			3.7	7.4	11.1				77.8	27	1.5
22 TO 26									100.0	?	.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											
-59 TO -54											
-59 & LWR											
TOTALS	17.3	11.3	3.5	3.4	12.3	4.7	10.7	7.7	28.8	1833	100.0

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3

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

[illegible] FALLON, NV — JANUARY 1973-DECEMBER 1982 — NOVEMBER

STATION — STATION NAME — 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
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81						100.0				1	.1
72 TO 76	18.2	18.2				18.2	9.1		36.4	11	.6
67 TO 71	4.5	27.3	6.8	6.8	15.9	11.4	6.8		20.5	44	2.5
62 TO 66	8.3	26.0	9.4	2.1	6.3	9.4	9.4	2.1	27.1	96	5.5
57 TO 61	12.7	19.3	5.3	2.0	15.3	4.7	13.3	6.0	21.3	150	8.6
52 TO 56	11.5	14.2	3.2	5.0	13.3	5.0	14.7	8.3	24.8	219	12.4
47 TO 51	12.4	13.7	4.7	6.0	13.3	5.2	8.6	6.4	29.6	233	13.3
42 TO 46	17.5	8.5	6.1	3.3	11.0	7.7	8.5	8.1	29.3	246	14.0
37 TO 41	18.7	8.4	5.3	1.9	14.1	2.7	5.3	6.5	37.0	262	15.0
32 TO 36	14.2	9.0	3.8	3.8	13.7	4.3	4.3	5.2	41.7	211	12.0
27 TO 31	8.6	3.7	3.1	4.9	11.1	4.3	8.0	4.9	51.2	162	9.2
22 TO 26	17.6		1.5	1.5	10.3	8.8	2.9	4.4	52.9	68	3.9
[illegible]	2.8	2.8	2.8	2.8	8.3	5.6		5.6	69.4	36	2.1
[illegible] TO 9					11.1	11.1			77.8	9	.5
[illegible]					25.0				75.0	4	.2
[illegible]									100.0	1	.1
[illegible]											
[illegible]											
[illegible]											
[illegible]											
[illegible]											
[illegible]											
[illegible]											
[illegible]											
[illegible]											
[illegible]											
[illegible]											
[illegible]											
[illegible]											
TOTALS	13.4	11.4	4.7	3.7	12.5	5.6	8.2	6.0	34.6	1752	100.0

NAVWEASERVCOM

3

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

[illegible] FALLON, NV JANUARY 1973-DECEMBER 1982 DECEMBER

WIND DIRECTION

TEMP.	N & NNW	NNE & NE	ENE & E	ESE & SE	SSE & S	S & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76											
67 TO 71						50.0		50.0		4	.2
62 TO 66		4.0				36.0	20.0	20.0		25.0	2	1.5
57 TO 61	6.8	5.4	6.8	9.5		27.0	18.9	12.2	2.7	10.8	74	4.4
52 TO 56	5.1	18.4	7.4	5.1		22.1	8.8	9.6	5.1	18.4	136	8.1
47 TO 51	11.2	15.5	5.6	7.5		26.1	6.2	5.6	3.1	19.3	161	9.5
42 TO 46	13.0	16.5	5.2	6.9		17.7	5.2	4.8	8.7	22.1	231	13.7
37 TO 41	20.2	11.6	2.5	3.6		13.0	4.0	4.7	7.9	32.5	277	16.4
32 TO 36	15.3	10.5	5.8	3.6		13.1	2.9	3.3	5.5	40.0	275	16.3
27 TO 31	15.5	6.0	4.5	6.0		7.0	4.0	7.5	2.3	47.5	250	11.8
22 TO 26	13.2	9.0	2.8	4.2		11.8		5.6	5.6	47.9	144	6.5
17 TO 21	5.0	7.5	2.5	7.5		12.5	3.6	5.0	2.5	53.8	80	4.7
12 TO 16	5.7	3.8		3.8		15.1		5.7	1.9	64.2	53	3.1
7 TO 11	9.1	4.5	9.1	9.1		13.6		4.5		50.0	22	1.3
2 TO 6							50.0	50.0			2	.1
-3 TO 1	50.0					25.0			25.0		4	.2
-8 TO -4												
-13 TO -9												
-18 TO -14												
-23 TO -19												
-28 TO -24												
-33 TO -29												
-38 TO -34												
-43 TO -39												
-48 TO -44												
-53 TO -49												
-58 TO -54												
-59 & LWR												
TOTALS	11.0	11.1	4.5	5.3		15.9	5.0	6.1	5.2	33.9	1688	100.0

NAVWEASERVCOM

3

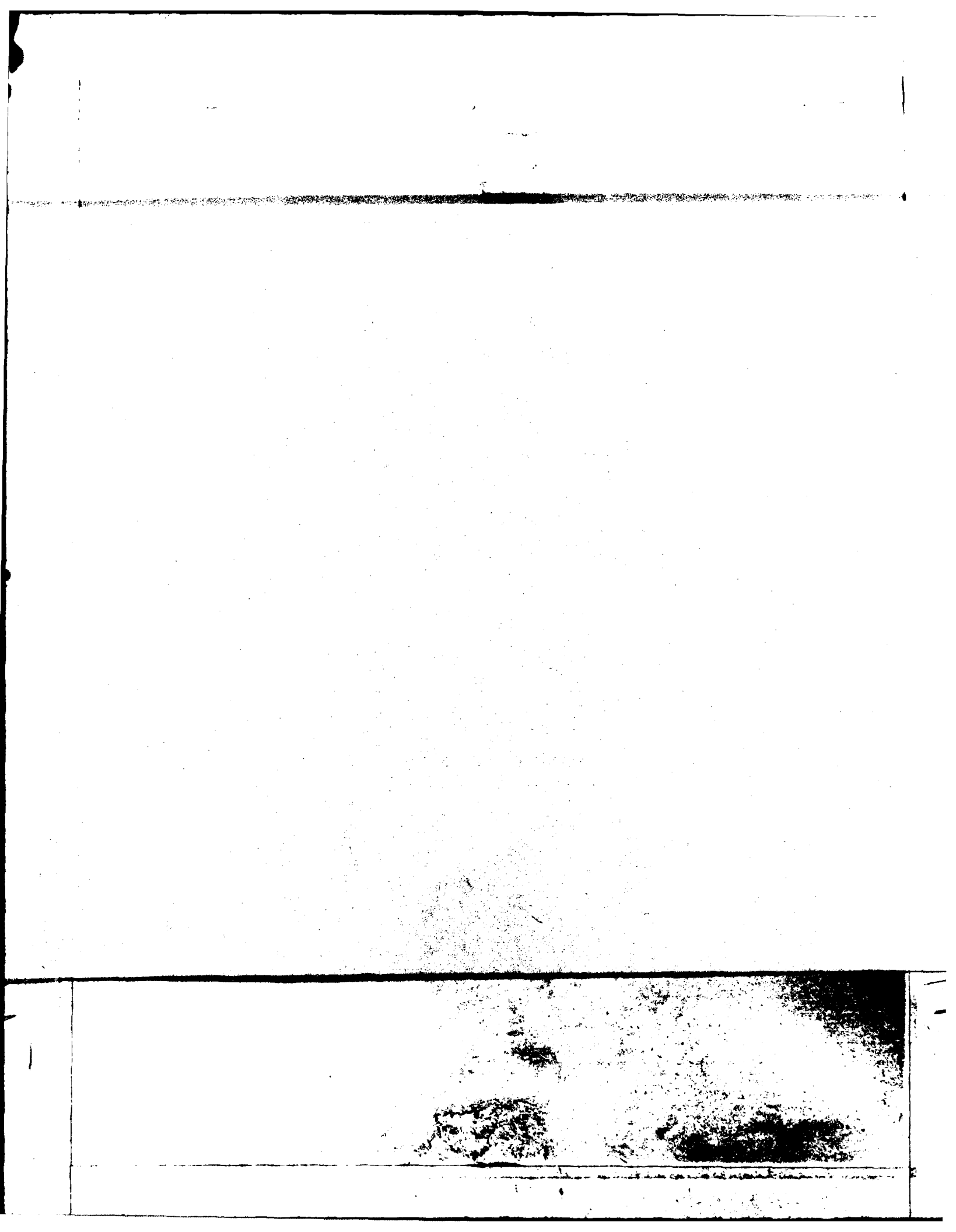
PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

STATION: FALL[illegible], NS — YEAR: JANUARY 1973-DECEMBER 1982 — MONTH: ALL

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
-122 -											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106	25.0	18.8			6.1	3.1	9.4	28.1	12.5	32	.2
97 TO 101	21.8	12.8	5.3	1.4	2.1	6.4	21.3	19.7	9.0	140	.9
92 TO 96	20.9	10.2	4.9	3.4	6.2	8.3	18.7	17.7	9.6	530	2.5
87 TO 91	22.2	11.7	5.3	1.5	5.3	5.3	20.2	16.7	9.8	997	4.7
82 TO 86	20.7	11.3	5.0	2.7	6.2	5.9	21.3	16.8	10.4	1144	5.4
77 TO 81	19.2	11.7	4.9	2.8	7.5	6.2	20.4	15.5	11.8	1345	6.4
72 TO 76	17.5	10.1	4.4	3.5	10.3	5.7	19.0	15.0	14.6	1551	7.3
67 TO 71	18.0	11.2	3.9	4.0	11.8	5.5	15.8	14.3	15.9	1613	7.6
62 TO 66	16.0	10.2	4.5	3.7	13.0	7.3	15.3	11.8	18.2	1664	7.9
57 TO 61	15.6	10.2	4.2	4.5	13.8	7.5	14.3	11.9	18.1	1627	7.7
52 TO 56	16.4	10.9	4.0	4.9	14.3	7.6	12.8	10.6	18.6	1867	8.8
47 TO 51	15.0	10.3	5.1	7.1	15.7	6.9	10.5	10.6	18.7	1814	8.6
42 TO 46	15.7	10.3	5.1	6.5	13.0	5.6	9.6	10.7	23.4	1787	8.5
37 TO 41	18.1	8.9	4.1	5.1	13.1	4.1	9.7	9.4	27.5	1624	7.7
32 TO 36	16.0	8.9	5.1	5.9	12.0	5.1	6.0	7.8	33.2	1405	6.6
27 TO 31	14.0	6.5	4.5	5.9	13.0	5.1	5.7	5.1	40.3	910	4.3
22 TO 26	12.4	6.9	4.7	4.1	13.4	3.9	4.8	5.2	44.8	516	2.4
17 TO 21	5.2	8.6	3.0	7.4	10.0	4.5	3.7	3.7	53.9	269	1.3
12 TO 16	5.1	5.1	3.6	3.6	14.6	5.8	4.4	2.2	55.5	137	.6
7 TO 11	6.9	4.2	5.6	8.3	12.5	1.4	4.2		56.9	72	.3
2 TO 6		4.3		4.3	8.7	13.0	13.0		56.5	23	.1
-3 TO 1	13.6		4.5		18.2	4.5		4.5	54.5	22	.1
-8 TO -4					20.0				80.0	5	.0
-13 TO -9	100.0									1	.0
-18 TO -14									100.0	1	.0
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-63 TO -59											
TOTALS	16.8	10.1	4.6	4.6	11.7	6.0	13.4	11.8	21.0	21144	100.0

NAVWEASERVCOM



ASHCD, Federal Building
Asheville, N. C.

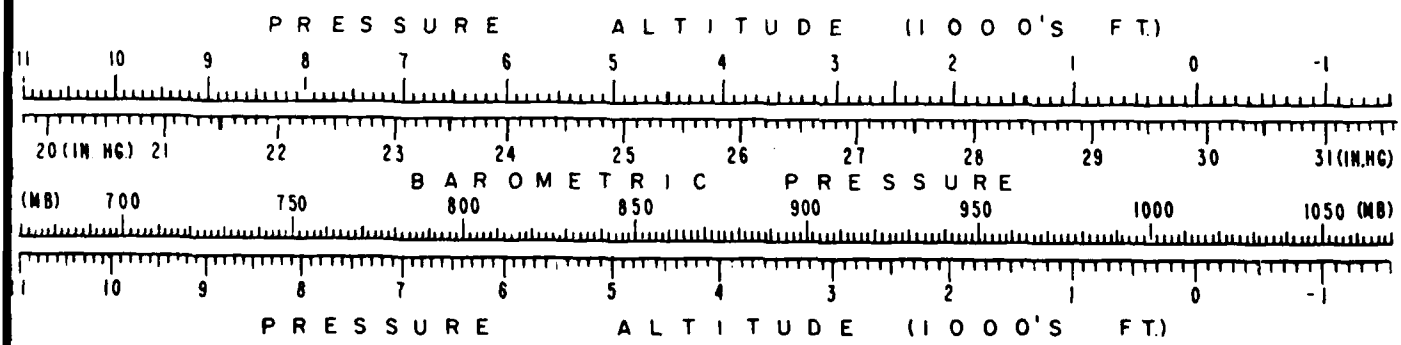
PART F PRESSURE SUMMARY

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

1. Station pressure in inches of mercury.

2. Sea-level pressure in millibars.

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



F

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

[illegible]32 FALLON, NV 73-82

STATION STATION NAME YEARS

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
[illegible]	MEAN	1022.0							1014.0					1016.0
	S. D.													4.169
	TOTAL OBS	1							3					4
	MEAN	1020.6	1013.9	1014.9	1017.8	1010.5	1010.4	1009.8	1015.7	1021.0	1019.0	1018.6		1015.9
	S. D.			3.748										4.311
	TOTAL OBS	2	1	6	2	1	1	1	3	2	3	1		23
[illegible]	MEAN	1022.6	1020.6	1016.2	1016.3	1013.8	1013.4	1013.7	1014.1	1016.0	1019.4	1021.5	1023.7	1017.6
	S. D.	9.063	8.324	7.300	5.780	4.405	3.863	2.761	3.294	3.880	6.001	8.084	8.171	7.227
	TOTAL OBS	269	282	310	300	310	300	310	304	266	305	295	294	3575
1	MEAN	1023.3	1020.8	1016.0	1016.1	1013.4	1013.1	1013.5	1013.7	1015.7	1019.2	1021.5	1024.1	1017.5
	S. D.	8.835	8.249	7.233	5.724	4.509	3.979	2.811	3.354	3.901	5.888	7.934	8.017	7.330
	TOTAL OBS	302	282	310	300	310	300	309	304	266	305	296	299	3583
[illegible]	MEAN	1020.8	1018.6	1014.2	1014.4	1011.8	1011.5	1011.8	1011.9	1013.7	1016.9	1019.1	1021.4	1015.5
	S. D.	8.506	8.004	7.023	5.651	4.523	4.022	2.906	3.375	3.855	5.818	7.646	7.735	7.014
	TOTAL OBS	302	282	310	300	310	300	310	304	266	305	295	298	3582
[illegible]	MEAN	1020.4	1017.7	1013.2	1013.0	1010.6	1010.2	1010.2	1010.4	1012.3	1016.0	1018.7	1021.3	1014.5
	S. D.	8.545	7.882	6.735	5.459	4.284	3.838	2.998	3.267	3.796	5.694	7.465	7.590	7.136
	TOTAL OBS	301	282	310	300	310	300	310	304	266	305	294	295	3577
[illegible]	MEAN	1021.8	1019.2	1014.2	1013.4	1010.8	1010.2	1010.0	1010.5	1012.9	1017.3	1020.2	1022.8	1015.2
	S. D.	8.718	8.012	6.664	5.203	3.989	3.450	2.940	3.177	3.698	5.810	7.731	7.998	7.478
	TOTAL OBS	297	282	310	300	310	300	310	305	266	305	293	277	3555
[illegible]	MEAN	1022.6	1019.5	1014.8	1014.6	1012.2	1011.9	1011.9	1012.3	1013.9	1017.5	1020.0	1022.7	1015.9
	S. D.	8.885	8.013	6.604	5.316	3.991	3.422	2.729	2.993	3.660	5.832	7.806	7.702	7.001
	TOTAL OBS	233	253	279	269	309	297	296	247	241	305	278	221	3228
ALL HOURS	MEAN	1021.9	1019.4	1014.8	1014.6	1012.1	1011.7	1011.9	1012.2	1014.1	1017.7	1020.2	1022.7	1016.0
	S. D.	8.797	8.141	6.999	5.654	4.448	3.964	3.203	3.557	4.034	5.953	7.844	7.940	7.291
	TOTAL OBS	1737	1664	1835	1771	1860	1798	1896	1774	1573	1833	1752	1684	21127

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

9712	FALLON, NV	73-82
STATION	STATION NAME	YEARS

HRS.(L.S.T.)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
01	MEAN	26.030							26.053					26.048
	S. D.													.029
	TOTAL OBS	1							3					4
04	MEAN	26.010	25.930	25.973	26.020	25.910	25.960	25.960	26.070	26.150	26.100	25.800		26.012
	S. D.			.060										.098
	TOTAL OBS	2	1	6	2	1	1	1	3	2	3	1		23
7	MEAN	26.077	26.060	25.971	26.004	25.980	26.006	26.035	26.030	26.047	26.085	26.090	26.121	26.042
	S. D.	.211	.200	.188	.146	.116	.100	.071	.081	.096	.145	.193	.198	.158
	TOTAL OBS	301	282	310	300	310	300	310	305	266	305	295	295	3579
10	MEAN	26.109	26.080	25.980	26.007	25.973	25.997	26.030	26.028	26.052	26.098	26.108	26.149	26.050
	S. D.	.210	.203	.192	.144	.118	.102	.072	.082	.098	.146	.194	.198	.162
	TOTAL OBS	304	282	310	300	310	300	309	305	266	305	296	299	3586
13	MEAN	26.056	26.034	25.937	25.965	25.931	25.956	25.985	25.980	26.003	26.045	26.058	26.091	26.003
	S. D.	.204	.199	.177	.141	.116	.101	.074	.084	.095	.143	.189	.185	.157
	TOTAL OBS	304	282	310	300	310	300	310	305	266	305	295	299	3586
16	MEAN	26.044	26.008	25.907	25.925	25.893	25.917	25.938	25.933	25.959	26.015	26.040	26.080	25.971
	S. D.	.202	.194	.170	.136	.110	.095	.076	.081	.094	.140	.184	.179	.157
	TOTAL OBS	303	282	310	300	310	300	310	305	266	305	294	296	3581
19	MEAN	26.060	26.025	25.921	25.933	25.903	25.925	25.940	25.938	25.969	26.030	26.055	26.097	25.981
	S. D.	.202	.193	.167	.130	.102	.087	.074	.078	.088	.139	.185	.185	.156
	TOTAL OBS	297	282	310	300	310	300	310	305	266	305	293	277	3555
22	MEAN	26.090	26.048	25.950	25.974	25.943	25.968	25.989	25.991	26.005	26.052	26.071	26.115	26.013
	S. D.	.211	.196	.174	.136	.102	.084	.070	.074	.088	.142	.191	.180	.153
	TOTAL OBS	233	253	279	270	309	297	296	247	241	305	278	221	3229
ALL HOURS	MEAN	26.072	26.042	25.944	25.968	25.937	25.962	25.986	25.983	26.006	26.054	26.070	26.109	26.010
	S. D.	.207	.199	.177	.142	.115	.101	.082	.089	.100	.145	.191	.196	.160
	TOTAL OBS	1745	1664	1835	1772	1860	1798	1846	1778	1573	1833	1752	1687	21143

END

DATE
FILMED

7-85

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