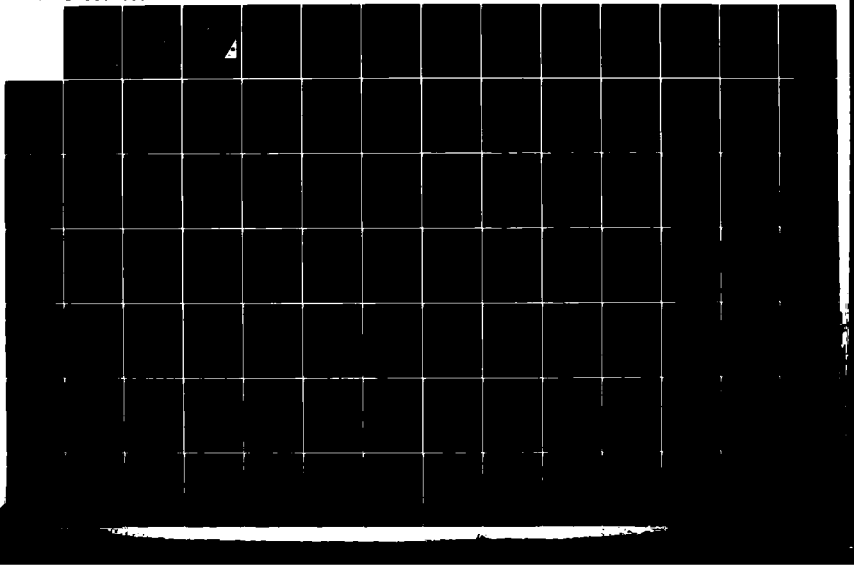
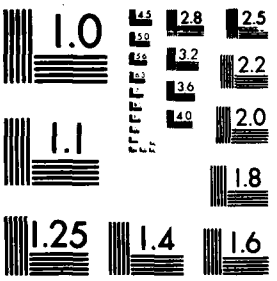
AD-A150 376 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) 1/1
ADAK ALASKA(U) NAVAL OCEANOGRAPHY COMMAND DETACHMENT
ASHEVILLE NC AUG 84

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SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE

AD-A150 376

STATION: #25704 Adak, AK

PERIOD: HOURLY 1/73-12/82
DAILY 1/50-12/82

JOB NO. 72006 DATE August 1984

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

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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
25704	Adak, Alaska	51°53'N	176°39'W	17	PADK	70454

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF BARO. LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FEET	TYPE BAROMETER	
1.	In Weather Office located on main deck Birchwood hangar	NS		1959	51°53'N	176°39'W	14	mercurial	24
2.	In Weather Office located first deck of new operations building	NS	1959		"	"	16	"	24
1a.	In Weather Office, main deck Birchwood hangar	NS	1952	1959	"	"	18	aneroid	24
2a.	In Weather Office located first deck of new operations building	NS	1959	1961	"	"		"	24
3a.	AN/GMQ-14A cabinet, NOCD Office Ops Building	NS	1961	1968	"	"	18	"	24
4a.	Inboard bulkhead, NOCD Office Ops Building	NS	1968		"	"	18	"	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1.		1000'NNW of hangar & 25'E of air control tower	Selsyn		25'	1. Barograph (ML-3A)
2.		On 30' mast atop Birchwood hangar	AN/UMQ-5A		75'	2. Semi-Auto Met station(AN/GMQ-14B)
3.	1957	Conversion of equipment	AN/UMQ-5C	RD-108	75'	3. Ceiling light (ML-121)
4.	1959	Transmitter on roof of new Ops Bldg	"	RD-108B		4. Cloud height set (AN/GMQ-13B)
5.	1960	same				5. Theodolite (ML-247)
6.	1962	Located 500' on a bearing of 115° true from the intersection of runways 23-05 & 36-18			15'	6. Transmissometer (AN/GMQ-10C) 7. Rawinsonde set (AN/GMD-13) 8. APT (AN/GRK-7)

NOCD, Federal Building
Asheville, NC

WEATHER CONDITIONS

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Asheville, N. C.

PART A WEATHER CONDITIONS

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

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

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

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

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

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

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

Hail Occurrences of hail and small hail are included.

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

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

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

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

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

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.

Percentage 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.

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



PART A ATMOSPHERIC PHENOMENA

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

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

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

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

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

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

WEATHER CONDITIONS

STATION | STATION NAME | YEARS | MONTH

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

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WEATHER CONDITIONS

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

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		19.7		12.7		38.3	12.9	.3	4.9		17.1	[illegible]
	04	.3	20.7	.3	20.4		37.9	10.3		3.9		17.2	[illegible]
	07		20.1		25.2		40.3	12.9		3.6		15.7	[illegible]
	10		20.1		23.6		43.7	11.7	.3	3.2		15.2	[illegible]
	13		19.7		23.9		39.0	10.3		3.9		14.2	[illegible]
	16		19.7		26.5		42.3	11.0		5.2		15.5	[illegible]
	19		20.5		25.9		40.6	11.0		4.2		15.2	[illegible]
	22		19.7		22.9		39.7	11.5		3.9		15.5	[illegible]
TOTALS		.0	20.0	.0	24.5		40.4	11.6	.1	4.1		15.9	2475

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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
		.4	17.7										
		.7											
TOTALS		.2											

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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.
				.3	34.5		51.3	11.6		4.3		15.5	7[illegible]
					71.3		46.5	1[illegible].6		3.9		14.7	7[illegible]
					[illegible].3		43.6	13.5		[illegible].7		1[illegible].1	7[illegible]
					[illegible].3		43.9	1[illegible].6		3.2		13.5	7[illegible]
					[illegible].6		42.6	8.7		2.3		11.[illegible]	7[illegible]
					67.1		39.[illegible]	9.[illegible]		1.3		10.3	3[illegible]
					[illegible].4		47.7	11.3		4.2		1[illegible].5	3[illegible]
					[illegible].3		49.[illegible]	[illegible].7		3.9		13.5	3[illegible]
TOTALS			[illegible].1	.[illegible]	[illegible].[illegible]		45.4	10.6		3.3		13.[illegible]	24[illegible]

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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.
			23.7		24.7		43.3	14.0		2.0		16.0	
			29.3		24.7		46.0	12.3		1.7		14.0	
			19.3		29.		43.7	15.3		.3		17.7	
			23.7		25.3		44.3	14.3		.3		14.3	
			22.7		30.		40.7	16.3		1.3		17.3	
			25.3		30.7		42.7	16.0		1.0		17.0	
			23.7		24.7		44.	17.7		1.3		18.7	
			25.3		24.3		45.7	17.		.7		17.7	
TOTALS			23.		24.2		43.9	15.3		1.5		16.8	

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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.
MAY	01		43.5		10.6		49.0	21.0				21.5	31[illegible]
	04		41.3		9.0		47.4	23.5			.3	23.5	31[illegible]
	07		37.7		10.0		43.2	26.1			.3	26.1	310
	10		33.5		7.4		39.4	21.6			.3	21.6	310
	13		35.8		7.4		39.7	19.7				19.7	31[illegible]
	16		29.0		7.1		34.2	28.0	.3			26.3	31[illegible]
	19		31.6		4.2		33.2	19.7				19.7	313
	22		36.5		7.1		41.3	23.9				23.9	310
TOTALS			36.1		7.2		43.4	21.7	.3		.1	22.0	2487

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WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]	A Ar, Ak	73-92	JUN

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]		42.3		.1		42.3	35.7	.3			35.7	[illegible]
	[illegible]		43.3				43.3	32.7				35.7	300
	07		42.3		.3		42.3	36.7				36.7	300
	10		33.7				33.7	32.3				32.3	[illegible]
	13		29.[illegible]				29.0	23.3	.3			23.3	[illegible]
	16		29.7				29.7	21.0				21.0	300
	19		33.[illegible]				33.3	26.[illegible]				26.3	300
	22		36.[illegible]				36.[illegible]	34.3				34.3	300
TOTALS			35.3		.1		35.3	30.9	.1			31.0	2400

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WEATHER CONDITIONS

STATION: [illegible] | STATION NAME: ATAR, AY | YEARS: 73-82 | MONTH: JUL

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	01		42.9				42.9	46.1				46.1	31[illegible]
	04		44.[illegible]				44.9	45.5				45.5	31[illegible]
	07		42.9				42.9	51.3				51.3	31[illegible]
	10		37.7				37.7	43.5				43.5	31[illegible]
	13		29.7				29.7	30.3				30.3	31[illegible]
	16		27.7				27.7	29.7				29.7	31[illegible]
	19		31.[illegible]				31.[illegible]	37.7				37.7	31[illegible]
	22		33.5				33.5	48.1				48.1	31[illegible]
TOTALS			36.5				36.5	41.5				41.5	248[illegible]

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WEATHER CONDITIONS

4	BARW, AK	73-82	AUG
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
[illegible]	01		42.2				42.2	50.6	.3			50.6	310
	04		44.2				44.3	51.3				51.3	310
	07		42.6				42.6	53.2				53.2	310
	10		39.4				39.4	43.9	.3			43.9	310
	13		33.5				33.5	37.4	.3			37.4	310
	16		35.5				35.5	41.3	.3			41.6	310
	19		39.1				39.1	46.7	.6			46.7	310
	22		41.6				41.3	51.6	.3			51.6	310
TOTALS			39.6				39.8	47.3	.3			47.3	2480

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WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible] 4	[illegible] , AK	[illegible]-[illegible]	SEP

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		30.3				30.3	24.7	.7			25.3	[illegible]
	04		31.3				31.3	27.7	.3			24.0	[illegible]
	07		30.0		.3		[illegible].3	31.3				31.0	[illegible]
	10		30.7		.3		30.7	24.7	.3			25.3	[illegible]
	13		32.7				32.7	27.3				23.3	[illegible]
	16		27.3				27.3	22.3	.7			22.7	[illegible]
	19		26.3				26.3	22.3	1.3			21.3	[illegible]
	22		29.7				29.7	24.7	.7			25.3	[illegible]
TOTALS			29.8		.1		29.8	24.6	.5			25.0	2400

NAVWEASERVCOM

WEATHER CONDITIONS

KFT 4 (STATION) ATA, A (STATION NAME) 73-8 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	01		20.5		5.5		24.2	17.4				17.4	210
	04		2.4		2.6		21.5	15.5				15.5	210
	07		21.0		2.9		22.3	15.4				15.4	210
	10		26.4		5.3		31.6	16.7	.3			20.0	210
	13	.3	30.4		3.2		32.6	16.3	.6			17.1	210
	16		28.7		2.7		32.3	15.4	1.2			20.3	210
	19		20.4		2.6		21.6	15.4	.2			18.7	210
	22		27.7		4.2		31.3	15.5				15.5	210
TOTALS		.0	25.7		3.6		32.1	17.9	.3			18.1	2430

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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													

NAVWEASERVCOM

WEATHER CONDITIONS

257 4 (STATION) ADA , AK (STATION NAME) 73-80 (YEARS) DEC (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		23.2		25.2		45.7	11.9		2.9		14.5	21[illegible]
	04		24.2		24.3		44.6	12.9		1.9		15.6	21[illegible]
	07		25.2		29.4		49.7	13.9		3.9		17.7	21[illegible]
	10		19.4		23.5		39.7	12.6		2.3		14.3	21[illegible]
	13		21.0		28.2		42.1	15.2		2.3		17.5	21[illegible]
	16	.3	21.4		24.3		42.7	14.5		2.3		15.8	209
	19		23.[illegible]		21.4		40.9	14.9		1.9		16.5	209
	22		23.0		25.2		44.[illegible]	12.3		2.3		14.[illegible]	209
TOTALS		.[illegible]	22.[illegible]		25.3		43.6	13.9		2.5		16.3	2476

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WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible] 4	[illegible] AP	73-88	ALL

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]	ALL	.0	32.0	.0	24.5		40.4	11.8	.1	4.1		15.2	2476
[illegible]		.1	16.4		32.9		44.9	11.1		6.2		17.1	2259
[illegible]			22.1	.0	21.2		45.4	11.6		3.3		13.6	2482
[illegible]			23.6		24.2		43.8	10.3		1.5		16.8	2411
[illegible]			36.1		7.9		40.0	21.9	.2		.1	22.2	2481
[illegible]			35.1		.1		35.2	30.6	.1			31.0	2430
[illegible]			36.5				36.5	41.5				41.5	2480
[illegible]			39.6				39.6	47.3	.2			47.3	2481
[illegible]			29.6		.1		29.6	24.6	.5			24.0	2430
[illegible]		.0	29.7		3.6		32.1	17.9	.3			18.1	2429
[illegible]		.0	25.2		13.6		35.6	15.9	.1	.2		14.2	2400
[illegible]		.2	22.2		25.3		43.6	15.9		2.5		16.3	2476
TOTALS		.0	28.7	.0	13.6		39.1	21.7	.1	1.5	.0	23.3	29259

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3

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

[illegible] [illegible], AK — JANUARY 1973-DECEMBER 1982 — JANUARY

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	[illegible]	2.3	1.5		.5	[illegible]0.0			8.5		.5	9.0		58.5
NNE	10.4	4.2	3.8	.3	.3	29.9			12.8			7.6		46.0
NE	19.1	4.6	5.8		1.2	26.0			19.1			9.8		43.4
ENE	23.7	3.7	12.1		.5	25.3			22.1			4.9		36.9
E	21.3	6.4	8.5		.5	35.1			12.2			5.3		37.2
ESE	24.6	10.5	3.5			21.1			17.3			3.5		47.4
SE	32.[illegible]	6.5	10.9			26.1			16.2					47.8
SSE	36.[illegible]	2.7	17.6		1.4	18.9			25.7					44.6
S	24.3	3.9	14.4			18.3			21.6			.7		49.7
SSW	9.7	11.5	9.7			20.4			12.4					54.0
SW	7.8	5.8	9.7			16.2			14.3			1.3		64.9
WSW	3.4	1.1	3.4		.6	18.9		.6	5.1		.6	.6		73.1
W	1.1	4.8	3.2		1.1	28.7			4.8			2.7		63.8
WNW	3.1	1.6	1.6		1.6	23.4			4.7			4.7		67.2
NW	1.[illegible]					[illegible]8.2			1.8			3.6		56.2
NNW	1.1	2.2				33.3						1.1		66.7
VARIAB														
CALM	3.[illegible]	2.[illegible]	1.[illegible]			10.[illegible]			6.0	[illegible]				81.[illegible]
TOTAL	304	102	149	1	11	601		1	292	1	2	101		1396
PCT	12.3	4.1	6.0	.0	.4	24.3		.0	11.8	.0	.1	4.1		56.4

TOTAL NUMBER OF OBSERVATIONS 2,476

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

[illegible] JANUARY 1973-DECEMBER 1982 FEBRUARY

[illegible]	[illegible]	[illegible]	[illegible]	FREEZING RAIN OR FREEZING DRIZZLE	[illegible]	SNOW, SNOW GRAINS, SNOW PELLETS OR SNOW SHOWERS	HAIL, SMALL HAIL	THUNDER	FOG	ICE FOG OR GROUND FOG	SMOKE OR HAZE	BLOWING SNOW	BLOWING SAND, SAND OR DUST	NO WEATHER
7.8	7.2	4.1		.5		46.4			1.3			2.5		37.8
[illegible]	1.3	1.7				42.5			4.6			1.5		48.7
12.[illegible]	3.4	7.4				77.9			[illegible].4			17.6		43.7
13.[illegible]	2.7	6.3				74.1			12.6			13.5		35.1
[illegible].2	3.4	6.1		2.7		65.3			14.2			10.1		37.3
35.[illegible]	4.5	12.1				24.5			34.2			6.1		43.5
27.[illegible]	5.2	24.1				13.1			34.2					43.1
12.[illegible]	3.3	16.7				11.1		3.2	37.7			1.1		43.3
15.[illegible]	4.6	6.9		.[illegible]		16.[illegible]			16.[illegible]			7.3		57.[illegible]
10.[illegible]	5.9	7.[illegible]				15.[illegible]			[illegible].9					67.[illegible]
[illegible].7	4.7	[illegible].3				20.[illegible]		.[illegible]	9.4			[illegible].5		63.[illegible]
[illegible].1	4.1	4.1				23.[illegible]			[illegible].8			[illegible].4		[illegible]
[illegible].6	2.[illegible]	4.6				36.5			[illegible].1			[illegible].1		51.[illegible]
[illegible].1	2.2					27.[illegible]			4.4			[illegible].3		56.7
						[illegible].[illegible]			[illegible].[illegible]			[illegible].7		[illegible].7
[illegible].[illegible]	2.[illegible]			1.[illegible]		[illegible].[illegible]			[illegible].[illegible]			1.[illegible]		77.[illegible]
[illegible].[illegible]	[illegible]	[illegible].[illegible]	[illegible]	[illegible]	[illegible]	12.1	[illegible]	[illegible]	[illegible].[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible].[illegible]
27.[illegible]	[illegible].3	112		7		709		3	249	1		136		1174
17.[illegible]	2.8	[illegible].[illegible]		.3		32.3		.1	11.[illegible]	.[illegible]		[illegible].[illegible]		52.[illegible]

TOTAL NUMBER OF OBSERVATIONS 2,256

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

[illegible] JANUARY 1973-DECEMBER 1982 MARCH

11.[illegible]	1.0	7.1			13.1			[illegible]			4.[illegible]			44.1
13.[illegible]	4.7	.6			36.9			4.1			[illegible].5			44.[illegible]
[illegible]	1.3	1.8			[illegible]2.[illegible]			7.[illegible]			7.9			[illegible]
[illegible].7	5.9	[illegible].0		1.7	45.4			[illegible].7			[illegible].4			[illegible]
12.[illegible]	2.5	5.9			[illegible]8.8			14.4			[illegible].5			[illegible]
[illegible].[illegible]	5.6	4.8			[illegible]6.1			[illegible]7.[illegible]						[illegible]
[illegible].8	7.4				[illegible]8.9			1 .7						4[illegible]
[illegible]	6.5	4.3		1.1	23.9			[illegible]						41.[illegible]
[illegible].1	5.[illegible]	[illegible].8		2.[illegible]	[illegible]8.[illegible]			[illegible].1			1.1			[illegible]
10.[illegible]	7.8	[illegible].9			16.7			1 .[illegible]			.[illegible]			57.[illegible]
[illegible]	3.7	[illegible].3			14.[illegible]			12.7						65.[illegible]
[illegible]	3.6	[illegible].6			[illegible]4.3			[illegible]			1.[illegible]			64.[illegible]
[illegible].1	3.1	4.9		.4	[illegible]9.1			[illegible]			7.6			[illegible]
[illegible].[illegible]	1.[illegible]	1.[illegible]	.[illegible]		44.[illegible]			[illegible].[illegible]			[illegible].9			44.1
5.[illegible]				[illegible].3	27.[illegible]			[illegible]			[illegible].3			[illegible]
[illegible].1	1.[illegible]	[illegible].1		[illegible].[illegible]	46.[illegible]			[illegible]			[illegible].[illegible]			46.[illegible]
[illegible].[illegible]		[illegible].[illegible]			[illegible]3.[illegible]			[illegible].[illegible]						[illegible].[illegible]
[illegible]24	[illegible]3	114	1	12	764			264			[illegible]2			1[illegible]
[illegible].1	3.6	4.6	.[illegible]	.[illegible]	[illegible]0.[illegible]			1 .[illegible]			[illegible].3			[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

3

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

[illegible] 4 [illegible], AK — STATION NAME — JANUARY 1973-DECEMBER 1982 — YEARS — APRIL — MONTH — HOURS L.S.T.

DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
[illegible]	5.7	2.6	6.1			25.7			17.0			1.3		61.7
[illegible]	2.3	6.3	5.6			28.6			11.1					55.6
[illegible]E	4.1	1.4	1.4			35.2			9.9					53.5
[illegible]	7.3	1.1	5.3			34.0			14.9					47.9
[illegible]	1.7		14.6			32.9			24.4			1.2		35.4
[illegible]SE	8.3	2.0	10.0			22.0			20.0			2.0		54.0
[illegible]E	42.7	9.3	25.3			12.0			37.3			1.3		32.
[illegible]SE	17.1	5.6	14.6		3.4	15.7			21.3					37.1
[illegible]	26.9	11.1	10.5		.6	9.4			26.7					45.2
[illegible]	21.1	8.6	14.8		.8	10.9			23.4			1.6		45.3
[illegible]	8.8	5.2	6.8		1.2	10.8			16.3			.4		66.1
[illegible]	15.2	6.4	7.9		.4	15.1			19.2					55.1
[illegible]	7.8	6.1	6.1		.8	24.9			10.2			2.9		55.5
[illegible]	.6	4.4	1.3			41.9			3.1			1.1		48.8
[illegible]	4.3	5.2	1.7		1.7	34.3			10.3			5.2		40.5
[illegible]	6.5	4.3	2.2		.7	40.6			11.6			.7		48.6
[illegible]														
[illegible]	3.7	.9	6.5			12.8			4.7					36.1
[illegible]	312	124	179		14	571			368			36		1267
[illegible]	13.0	5.2	7.5		.6	23.8			15.3			1.5		52.8

TOTAL NUMBER OF OBSERVATIONS 2,400

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

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

			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
10.[illegible]	7.3	13.6			10.1			24.4					57.1
14.0	7.9	8.5			3.8			25.0					57.0
13.7	8.2	10.1			8.2			30.1					46.6
23.7	12.2	12.2			3.1			22.9					49.6
16.[illegible]	8.9	10.9			7.9			20.3					54.5
9.5	9.5	14.3			2.4			21.4					61.9
25.5	5.5	23.6			5.5			36.4					41.8
14.7	16.4	18.0			9.8			28.2					42.6
[illegible].4	7.5	19.9		1.2	1.2			31.1		.6			39.1
22.5	9.8	16.7		1.0	2.0			35.3					49.[illegible]
13.2	16.6	12.7		.5	2.0			24.4					49.3
[illegible].2	9.7	10.9		.4	6.5			23.2					53.4
10.2	16.7	7.9		.6	8.5			16.8					58.9
[illegible].1	13.7	8.1		.8	18.5			18.5					50.8
[illegible].0	22.5	4.2		1.7	22.5			19.[illegible]					49.5
[illegible].[illegible]	13.0	12.3			11.6			23.2					49.[illegible]
[illegible].[illegible]	[illegible].8	[illegible].3			[illegible].6			[illegible].5					[illegible].5
[illegible]74	292	295		10	185			544		1			1306
[illegible].1	11.3	11.9		.4	7.5			21.9		.0			52.7

TOTAL NUMBER OF OBSERVATIONS [illegible],46[illegible]

NAVAEASE-[illegible]

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

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

DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	15.3	4.7	17.4			.4			33.3					51.9
NNE	12.1	3.5	12.2						33.7		.6			49.4
NE	16.9	4.2	17.6						33.1					47.2
ENE	12.1	4.6	13.7						32.1					51.9
E	20.5	8.9	15.2						27.7		.9			50.9
ESE	23.1		7.7						33.3					56.4
SE	28.6	4.8	15.9			1.6			30.2					50.8
SSE	27.6	3.3	10.6						29.5					59.5
S	23.3	5.9	13.7						25.6					55.7
SSW	15.1	4.1	23.3						30.4					46.6
SW	8.9	11.2	25.5						33.6					45.2
WSW	6.5	5.6	21.9						34.9					51.2
W	8.4	5.7	15.6						27.5					62.6
WNW	7.7	15.4	15.4						26.9					50.0
NW	11.1	11.1	16.7						22.2					50.0
NNW	12.2	6.1	22.4						30.6					49.0
VARIABLE														
CALM	9.5	3.4	13.8						30.7					52.9
TOTAL	382	139	414			2			742		2			1266
PERCENT	15.9	5.8	17.3			.1			30.9		.1			52.8

TOTAL NUMBER OF OBSERVATIONS 2,400

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

[illegible] NAS, AK — JANUARY 1973-DECEMBER 1982 (YEARS) — JULY (MONTH) — [illegible] (HOURS) (LST)

			DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE PELLETS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
	[illegible]		20.9						56.3					[illegible]6.8
	14.7		17.9						47.4					43.5
	14.3	2.4	19.8						47.6					46.[illegible]
	14.[illegible]	3.5	14.6						[illegible]8.2					[illegible]2.1
	19.[illegible]	4.3	12.1						35.7					[illegible]3.6
	17.4	3.0	17.9						[illegible]1.3					[illegible]3.7
	[illegible]1.7	1.4	13.0						24.6					56.5
	19.4	4.6	14.8						20.4					56.5
	[illegible]7.4	6.1	23.4						[illegible]3.2					47.8
SSW	11.3	2.8	27.4						37.7					49.1
SW	9.1	5.5	24.2						[illegible]5.2					43.4
WSW	[illegible].1	5.4	32.7						47.3					41.2
W	[illegible].0	3.5	28.0						39.5					49.6
WNW	[illegible].5		24.1						51.7					[illegible]4.[illegible]
NW	[illegible].[illegible]		17.2						48.3					51.7
NNW	[illegible].3		15.3						[illegible]8.3					[illegible]5.[illegible]
VARIABLE														
CALM	[illegible].[illegible]	[illegible].4	[illegible]1.6						[illegible]8.3					[illegible]1.1
TOTAL	201	[illegible]3	501						1030					1166
[illegible]	[illegible].[illegible]	3.3	23.4						41.5					47.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]2,486

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PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

[illegible] AK — JANUARY 1973-DECEMBER 1982 — AUGUST — [illegible]
(STATION) (YEARS) (MONTH) (HOURS L.S.T.)

DIRECTION	[illegible]	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]	2.2	30.1						58.1		.7			34.6
NNE	11.4	.9	16.5						51.4		.9			44.3
NE	[illegible]	1.0	26.7						56.4					36.6
ENE	12.4	1.1	21.3						34.8					50.6
E	[illegible]	3.0	25.0						39.0					44.3
ESE	24.1	6.8	29.5						47.7					31.8
SE	26.5	3.6	26.5						37.3					43.4
SSE	27.3	3.8	34.1						47.7					34.8
S	[illegible]	3.0	30.5						44.0					39.5
SSW	10.3	1.7	19.4						26.6					57.1
SW	12.5	2.2	29.8						50.0		1.1			44.1
WSW	13.1	2.7	30.7						51.7					39.0
W	[illegible]	3.3	25.9						49.5		.7			42.3
WNW	17.4	4.3	29.3						41.3					43.5
NW	19.2		30.8						34.6					50.0
NNW	22.0		37.3						59.3					30.5
CALM														
VAR	4.5		12.5						30.0	.6				54.5
[illegible]	391	59	664						1171	1	7			1054
[illegible]	15.3	2.4	26.8						47.2	.0	.3			42.5

TOTAL NUMBER OF OBSERVATIONS 2,492

NAVWEASERVCOM

3

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

[illegible] AK — JANUARY 1973-DECEMBER 1982 — SEPTEMBER

STATION NAME — YEARS — MONTH — HOURS (LST)

DIR. SPEED	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]	12.1	5.4	10.0		.4			18.1					71.8
[illegible]	13.4	3.6	19.7					27.7					64.3
[illegible]	19.2		21.2					34.3		6.1			54.5
[illegible]	13.0	6.5	10.9					22.8		4.3			67.3
[illegible]	14.1		4.0					22.0					74.1
[illegible]	17.1		17.1					24.4					66.3
[illegible]	17.3	6.8	18.2					25.5					53.3
[illegible]	23.1	5.1	14.1					33.3					56.4
[illegible]	16.9	5.0	19.0					27.4					40.8
[illegible]	15.7	8.3	18.5					30.6					54.6
[illegible]	9.2	6.8	15.8					26.6		.5			59.3
[illegible]	8.7	6.4	16.4					29.1					58.5
[illegible]	9.5	11.6	10.5					21.4					60.5
[illegible]	12.5	16.7	16.7					25.0					48.6
[illegible]	13.1	9.5	14.3	1.2				14.3					63.1
[illegible]	9.3	8.7	8.7					13.7					72.0
[illegible]	4.4	1.7	3.9					12.7					70.[illegible]
[illegible]	307	195	326	1	1			589		11			1479
[illegible]	13.[illegible]	6.5	13.6	.0	.0			24.5		.5			61.6

TOTAL NUMBER OF OBSERVATIONS 2,400

NAVWEASERVCOM

3

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

[illegible] AK, AK — JANUARY 1973-DECEMBER 1982 (YEARS) — OCTOBER (MONTH) — [illegible]

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	17.4	12.6	8.1			4.5		.4	17.1					61.5
NNE	21.1	4.2	12.0		.7	3.5			22.5					62.7
NE	23.2	6.0	9.5			6.7			23.8					52.4
ENE	22.7	2.8	10.3						22.4					52.3
E	24.4	7.4	2.9		1.5				17.6					61.3
ESE	15.6	12.5	15.6						12.5					56.3
SE	22.4	10.8	10.8						22.4					43.2
SSE	23.5	5.8	17.4		1.4				21.7					40.6
S	27.5	6.7	15.0			1.7			41.0					31.7
SSW	25.6	4.0	9.9						22.7	1.3				52.5
SW	14.5	7.3	11.3		.4	.4			21.3	2.0				69.1
WSW	7.0	6.6	11.3		.4	2.6			16.9	.4				72.4
W	4.3	15.9	2.4		.3	4.9			9.8	.3				72.2
WNW	7.3	14.6	6.3		2.8	2.8			11.1					69.4
NW	7.4	11.1	2.2		1.5	10.3			9.1					69.1
NNW	6.5	10.9	5.1			7.4			13.7					63.2
VARIABLE														
CALM	3.0	3.5	2.9			.6			9.1					80.9
TOTAL	223	223	197		12	81		1	442		8			1597
PERCENTAGE	15.7	9.2	7.9		.5	3.3		.0	17.8		.3			64.4

TOTAL NUMBER OF OBSERVATIONS 2,482

NAVWEASERVCOM

3

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

[illegible] ADAK, AK — JANUARY 1973-DECEMBER 1982 — NOVEMBER

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

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	9.3	9.9	7.5			20.5			13.0			5.0		55.3
NNE	14.3	6.8	5.6			15.5			11.8			.6		52.1
NE	26.3	7.0	14.0			10.5			14.0					52.6
ENE	28.1	2.9	15.9		2.9	11.6			31.9					40.6
E	26.7	13.3	3.3		3.3	15.0			15.0					43.3
ESE	54.5	13.6	22.7			18.2			50.0					18.2
SE	45.7	8.6	22.9			2.9			45.7					34.3
SSE	50.5	3.8	14.3		1.0	8.6			32.4					35.2
S	36.0	9.5	12.3			5.6			31.8					42.5
SSW	15.2	9.7	8.3			4.1			18.6			.7		62.5
SW	15.2	6.3	7.5		.8	4.1			16.9		.8			65.8
WSW	5.5	7.7	1.9		.3	11.9		.3	7.4		.3	.3		73.0
W	3.7	8.0	4.0			11.1			7.4			.7		64.2
WNW		10.7	.7		1.4	24.3			1.4			.7		68.6
NW	2.7	11.8	.9		.9	30.0			2.7			2.7		55.5
NNW	9.3	6.8	5.1			16.9			6.8			4.2		65.3
VARIABLE														
CALM	1.0		3.1			4.3			4.3					90.7
TOTAL	365	184	158		11	316		1	334		3	22		1466
% TOTAL	14.8	7.7	6.6		.5	13.2		.0	13.9		.1	.9		61.1

TOTAL NUMBER OF OBSERVATIONS 2,400

NAVWEASERVCOM

3

PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

[illegible] | AGANA, GM | JANUARY 1973-DECEMBER 1982 | DECEMBER | [illegible]
STATION | 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	[illegible]	2.6	4.0		1.7	32.5			11.9			.7		51.0
NNE	12.7	1.9	9.5			27.7			21.8					45.9
NE	19.4	5.1	18.4			26.5			23.5			6.1		39.8
ENE	36.7	8.8	21.8			15.0			30.6			1.4		36.7
E	19.5	10.4	5.2		.6	26.6			13.0			.6		47.4
ESE	34.4	14.1	12.5		3.1	23.4			21.9					31.3
SE	27.5	20.0	2.5		5.0	20.0			30.0			5.0		37.5
SSE	31.3	8.4	13.3		1.2	20.5			24.1			2.4		37.7
S	26.3	11.1	11.7		1.8	15.2			26.9					35.7
SSW	14.5	6.2	6.9		.8	14.6			12.3					66.9
SW	12.2	6.1	4.6			15.3			15.3			.5		64.8
WSW	9.1	3.3	2.5			20.0			7.5			3.3		56.7
W	4.1	4.1	1.6			40.0			4.5			6.5		50.7
WNW	1.4	2.1	1.4			36.9		.7	1.4			9.9		56.7
NW	5.2	3.9	2.6			35.1			5.2			3.9		58.4
NNW	3.5	4.4	3.5			38.1			6.2			4.4		52.2
VARIABLE														
CALM	2.4		.5			12.1			4.4					84.5
TOTAL	359	134	162		12	618		1	344			61		1324
% TOTAL	14.5	5.4	6.5		.5	25.0		.0	13.9			2.5		53.6

TOTAL NUMBER OF OBSERVATIONS 2,476

NAVWEASERVCOM

3

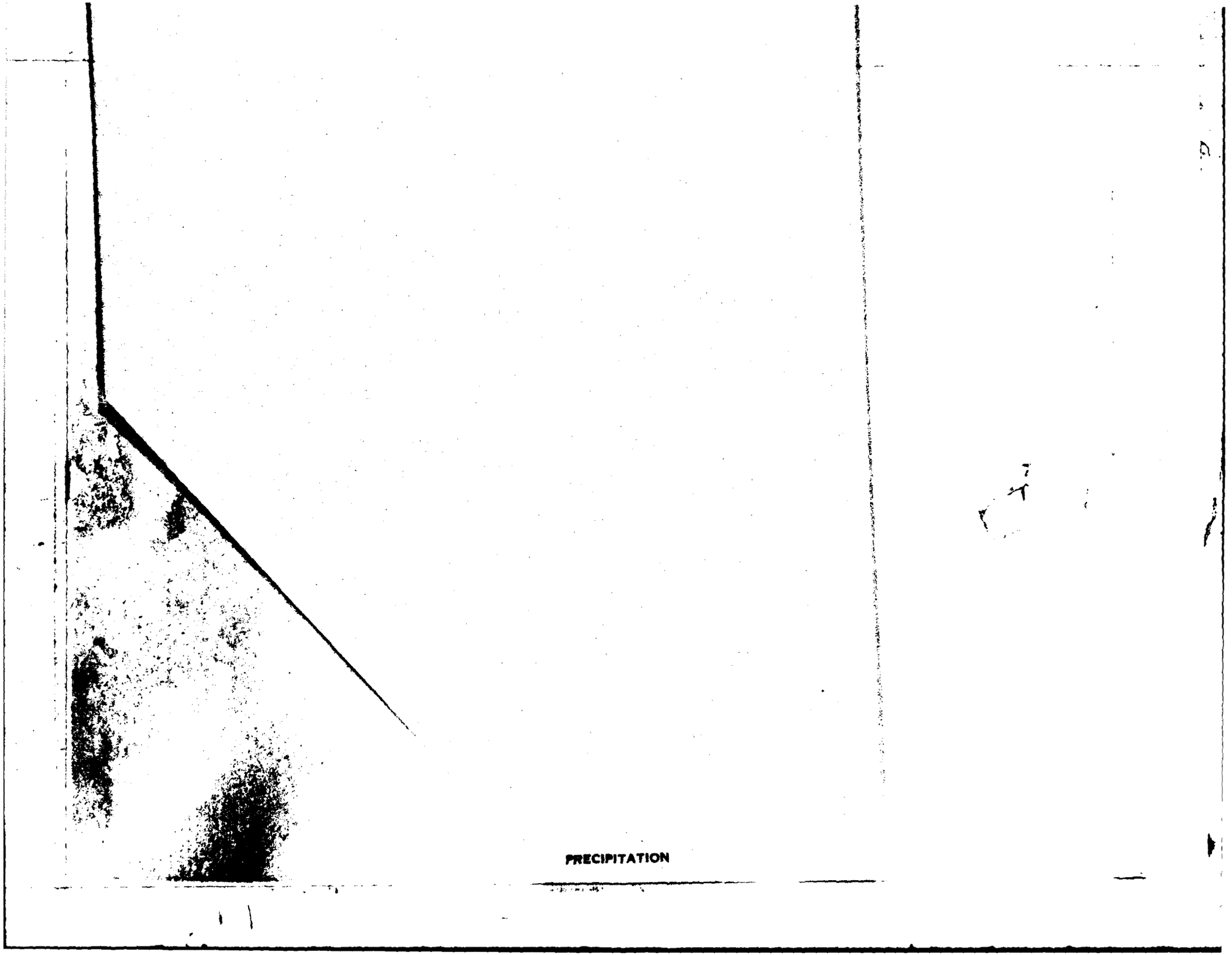
PERCENTAGE FREQUENCY OF WIND DIRECTION VS. WEATHER CONDITIONS

USCG 4 (STATION) BARA, AK (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) ALL (MONTH) (HOURS LOCAL)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	[illegible]	4.6	10.9		.2	17.2		.1	21.6		.1	2.0		53.3
NNE	17.3	3.7	8.5	.0	.1	18.8			22.9		.1	2.3		51.7
NE	20.9	3.6	12.7		.2	15.7			26.3		.5	4.2		46.6
ENE	23.6	4.9	12.6		.4	15.2			24.4		.3	2.9		44.9
E	21.9	5.8	9.5		.7	19.1			23.7		.1	2.3		47.0
ESE	25.1	6.7	13.0		.3	13.8			26.2			1.2		46.7
SE	20.0	6.8	17.1		.3	9.4			30.5			.5		43.9
SSE	21.2	5.3	16.2		.7	9.1		.2	28.9			.3		44.2
S	22.5	6.6	15.9		.6	7.7			30.0		.0	.4		44.5
SSW	19.6	6.7	13.5		.2	7.5			24.2		.1	.3		55.9
SW	10.5	6.8	13.9		.3	6.1		.0	25.0		.4	.4		57.5
WSW	8.9	5.3	14.7		.1	8.2		.1	25.1		.1	.6		57.0
W	7.[illegible]	7.7	10.3		.2	14.7			17.9		.1	1.7		57.2
WNW	5.3	7.5	5.5	.1	.7	24.3		.1	10.6			3.8		56.4
NW	6.6	7.9	4.4		1.1	26.8			10.4			2.0		55.5
NNW	8.9	5.9	7.6		.2	21.6			15.2			2.0		55.3
VARIABLE														
CALM	4.4	1.6	6.5			6.2			11.5	.2				36.5
TOTAL	4175	1647	3351	2	90	3868		7	6369	3	34	438		1579
% TOTAL	14.3	5.6	11.5	.0	.3	13.2		.0	21.8	.0	.1	1.5		54.1

TOTAL NUMBER OF OBSERVATIONS 29,208

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PRECIPITATION

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

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

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

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

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

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

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

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

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF

(FROM DAILY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	.	1 .	-.	15.3	13.7	17.1	12.7	7.4	2.4	.4				77.5	1	.11	.4	.1
FEB	.	1.7	5.5	17.3	12.7	19.3	12.1	6.7	2.7					77.	1	.14	4.3	1.7
MAR	.1	14.	5.7	1.4	13.4	19.6	13.3	6.7	2.5	.1				71.	1	.23	1.5	.1
APR	.	2.1	4.5	12.3	17.5	17.2	9.4	5.7	1.5	.1				77.	1	.99	4.33	.17
MAY	.	2.	7.3	1.1	17.4	14.7	9.1	7.7	1.	.3				7 .	1	.23	4.19	.1
JUN	.3.	3.1	3.4	15.1	9.1	11.1	6.7	4.1	1.7	.1				7.4	1	.0	2.1	.1
JUL	1.	2.7	7.7	13.4	7.1	11.9	6.7	3.1	1.1					1.4	1	.25	.9	.1
AUG	.1	2.	6.7	14.7	9.4	12.3	5.9	3.1	2.7					1.	1	.22	4.17	.1
SEP	1.1	1.4	6.7	14.4	11.4	15.6	9.2	7.1	3.	.4				6 .	1	.34	11.7	.1
OCT	.1	1.2	6.5	16.8	14.1	20.3	12.2	5.5	3.7	.2				71.	1	.25	.11	.1
NOV	1.	.4	5.1	14.8	12.1	22.3	14.1	10.5	5.4	.4				77.	1	.23	1.7	.1
DEC	.	1.1	4.3	15.2	13.9	21.9	12.2	8.5	4.5	.2				7 .	1	.23	2.3	.1
ANNUAL	1.	2.2	6.	16.8	12.1	17.2	10.2	6.4	2.5	.2				72.1	12	2.44	13.	.

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DAILY AMOUNTS

PERCENTAGE FREQUENCY OF

(FROM DAILY OBSERVATIONS)

STATION | STATION NAME | YEARS

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

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DAILY AMOUNTS

PERCENTAGE FREQUENCY OF

(FROM DAILY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01-.04	.05-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN																		
FEB																		
MAR																		
APR																		
MAY																		
JUN																		
JUL																		
AUG																		
SEP																		
OCT																		
NOV																		
DEC																		
ANNUAL																		

NAVWEASERVCOM

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

PRECIPITATION
FROM DAILY OBSERVATIONS

STATION _____ STATION NAME _____ YEARS _____

24 HOUR AMOUNTS IN INCHES

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[illegible]	.65	.48	.51	.90	.7	.74	.41	2.37	3.00	1.20		2.81	
1	3.13	1.10	1.14	1.54	.95	.37	1.85	.77	1.77	1.41	1.60	2.29	3.13
[illegible]	.50	1.29	1.70	.46	1.57	1.94	1.26	.50	1.71	2.13	2.65	.81	[illegible]
[illegible]	3.55	1.52	2.40	1.45	1.24	1.39	.38	2.09	2.60	2.51	2.0	.67	[illegible]
[illegible]	3.39	1.41	3.20	1.02	4.89	1.66	1.01	.46	2.47	1.62	2.6	1.48	4.39
5	2.44	1.85	.98	1.54	1.24	1.80	1.31	.81	.99	2.36	2.24	4.6	4.39
[illegible]	.97	1.62	1.69	1.44	1.27	1.98	.90	2.44	2.82	.77	1.73	2.07	[illegible]
[illegible]	2.31	.98	1.04	3.19	2.06	2.52	.22	.30	1.41	1.39	.96	1.20	[illegible]
[illegible]	1.38	.42	1.67	.98	1.14	.52	1.62	.41	.37	1.94	2.45	2.[illegible]	[illegible]
[illegible]	.54	2.35	1.46	1.12	1.12	1.81	.86	1.[illegible]	1.92	1.20	.44	.76	[illegible]
[illegible]	1.83	.79	1.03	.29	.61	.03	1.92	.54	.44	.68	.36	1.76	[illegible]
1	1.11	.81	.43	.68	.36	1.46	1.[illegible]	.41	.67	1.15	1.30	.77	1.41
[illegible]	.85	1.13	2.05	.43	.48	.67	.42	.76	.73	1.71	.76	2.27	[illegible]
[illegible]	1.[illegible]	.54	1.59	.49	.88	1.24	.36	.32	.97	.79	1.[illegible]	4.[illegible]	4.[illegible]
[illegible]	.46	.58	.73	1.06	.39	1.41	.39	.73	2.29	1.13	1.46	1.74	[illegible]
5	.91	.[illegible]	.61	4.76	.82	.55	1.02	.58	.77	1.65	1.06	1.80	4.76
[illegible]	.91	1.42	1.[illegible]	.76	1.72	.51	.80	1.77	1.47	.55	2.64	.98	[illegible]
[illegible]	1.37	.[illegible]	1.34	.69	.25	.44	1.30	2.29	1.47	1.30	2.16	2.[illegible]	[illegible]
[illegible]	1.61	1.06	.59	1.[illegible]	.47	.86	.59	.45	1.87	1.[illegible]	.97	[illegible]	[illegible]
[illegible]	1.28	.74	.42	1.12	1.33	.44	.26	1.[illegible]	1.91	.52	.[illegible]	1.[illegible]	1.[illegible]
[illegible]	.[illegible]	.57	.65	1.02	.64	.93	.57	.72	.62	.75	1.[illegible]	1.41	1.41
21	.90	.[illegible]	1.74	1.21	.65	1.23	.65	.[illegible]	2.78	2.65	1.54	2.5	2.78
22	.27	.71	.54	.[illegible]	.72	.60	.39	1.19	1.34	2.55	1.94	1.[illegible]	[illegible]
23	.52	1.19	1.[illegible]	.81	.23	.51	.55	1.14	1.30	1.47	[illegible]	1.[illegible]	[illegible]
24	.99	.[illegible]	.56	.81	1.23	.32	1.49	1.79	1.77	.78	1.92	.72	1.[illegible]
25	.[illegible]	.[illegible]	1.39	1.57	.65	.34	1.32	1.46	.92	1.14	1.[illegible]	1.[illegible]	1.[illegible]
26	1.14	.42	.93	.42	.66	.[illegible]	.65	.[illegible]	1.55	1.22	.[illegible]	1.[illegible]	1.[illegible]
27	.44	.42	.64	.57	1.81	.[illegible]	.45	.[illegible]	.54	1.48	.20	1.[illegible]	1.81
[illegible]	.5[illegible]	.[illegible]	.[illegible]	.[illegible]	.67	.[illegible]	.39	.72	1.3[illegible]	.92	2.15	1.[illegible]	2.1
29	.93	.93	.7[illegible]	.83	1.30	.62	.[illegible]	1.[illegible]	1.01	1.[illegible]	.79	.79	1.[illegible]
MEAN													
S D													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

PRECIPITATION
FROM DAILY OBSERVATIONS

[illegible] STATION | [illegible] STATION NAME | 5[illegible] YEARS

24 HOUR AMOUNTS IN INCHES

MONTH / YEAR	JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ALL MONTHS
[illegible]	1.[illegible]	.[illegible]	.8[illegible]	1.21	.36	.69	.6[illegible]	1.[illegible]	1.[illegible]	.[illegible]	1.[illegible]	1.[illegible]	1.[illegible]
1			.54	.65	.29	.61	.4[illegible]	1.35	.92	.77	1.[illegible]	.[illegible]	
2	1.91	1.[illegible]	1.53	.2[illegible]	.5[illegible]	1.1[illegible]	2.3[illegible]	.5[illegible]	1.5[illegible]	1.14	1.[illegible]	.6[illegible]	[illegible]
MEAN	1.2[illegible]	1.[illegible]	1.14	1.11	1.01	.9[illegible]	.[illegible]	1.03	1.5[illegible]	1.34	1.49	1.5[illegible]	[illegible]
S D	.[illegible]	.4[illegible]	.[illegible]	.8[illegible]	.[illegible]	.5[illegible]	.[illegible]	.[illegible]	.7[illegible]	.647	.[illegible]	.622	.[illegible]
TOTAL OBS	[illegible]	[illegible]	1[illegible]	99[illegible]	1023	99[illegible]	1023	1023	99[illegible]	1023	9[illegible]	1023	11[illegible]

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS

[illegible] STATION | [illegible], AK STATION NAME | [illegible] 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]											1.[illegible] [illegible]		[illegible] [illegible]
[illegible]		.[illegible] 1[illegible]											[illegible] [illegible]
MEAN													
S D													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

...NT FALL
(FROM DAILY OBSERVATIONS)

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

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ALL MONTHS
[illegible]0	2.2	3.7	1.6	2.8	1.5	.0	.0	.0	.0	.0		1.4	
[illegible]1	5.7	2.3	1.6	1.6	.1	.0	.1	.0	.0	.0	.4	3.1	5.7
[illegible]2	1.0	5.0	17.3	2.7	.5	.0	.0	.0	.0	.0	1.5	2.7	17.3
[illegible]3	3.3	6.1	0.1	2.2	1.8	.0	.0	.0	.0	.0	1.3	4.1	6.1
[illegible]4	4.3	3.3	2.3	.0	.5	.0	.0	.0	.1	.5	4.4	5.1	5.1
[illegible]5	4.5	4.5	4.3	5.0	4.3	.0	.0	.0	.0	1.5	1.1	2.3	5.0
[illegible]6	1.5	3.4	6.3	3.7	.5	.0	.0	.0	.0	2.7	3.0	3.3	7.7
[illegible]7	1.1	3.3	3.4	15.4	.1	.0	.0	.0	.0	.0	2.1	6.2	15.4
[illegible]8	10.2	3.1	1.3	4.6	.4	.0	.0	.0	.1	1.0	1.7	5.5	10.2
[illegible]9	3.3	1.8	5.3	1.4	.2	.0	.0	.0	.1	1.0	2.6	5.2	5.2
[illegible]0	2.3	3.3	3.1	2.4	1.6	.1	.0	.0	.1	1.3	2.9	3.3	7.1
[illegible]1	4.1	3.6	3.3	.7	.3	.0	.0	.0	.0	.1	3.7	6.7	6.2
[illegible]2	4.3	3.4	3.3	1.8	1.7	.0	.0	.0	1.4	1.6	4.8	5.7	5.6
[illegible]3	1.5	2.7	3.1	2.3	1.1	.0	.0	.0	.0	1.9	1.7	3.8	3.1
[illegible]4	2.3	5.3	4.3	4.4	1.2	.0	.0	.0	.0	3.6	3.8	2.4	5.1
[illegible]5	2.2	4.3	3.1	2.4	1.4	.0	.0	.0	.0	.0	5.1	2.7	6.3
[illegible]6	2.1	4.3	3.2	2.2	1.3	.0	.0	.0	.1	1.0	.1	5.5	5.6
[illegible]7	7.6	3.2	3.5	2.1	.3	.0	.0	.0	.0	.5	3.1	3.4	7.6
[illegible]	2.7	2.3	4.1	2.5	1.1	.0	.0	.0	.0	3.3	4.1	4.4	4.4
[illegible]9	3.4	6.5	4.3	4.4	3.3	.0	.0	.0	.0	.2	4.3	11.1	11.1
[illegible]0	5.1	5.0	3.4	3.7	.3	.0	.0	.0	.0	.1	.3	3.1	5.1
[illegible]1	3.3	1.7	3.1	2.3	1.3	.0	.0	.0	.0	.0	1.3	3.1	3.3
[illegible]2	4.1	.7	2.0	.6	.2	.0	.0	.0	.0	.1	1.7	3.4	3.4
[illegible]3	3.3	3.5	3.4	1.2	.3	.5	.0	.0	.0	2.0	.2	3.7	3.5
[illegible]4	4.4	3.1	3.1	3.6	.7	.0	.0	.0	.0	1.3	2.3	3.3	4.1
[illegible]5	4.5	3.1	2.6	1.1	2.3	.0	.0	.0	.1	.7	2.2	4.7	4.5
[illegible]6	4.1	3.7	4.2	2.3	.1	.1	.0	.0	.1	.3	4.1	3.1	4.7
[illegible]7	3.3	3.2	5.3	2.4	.3	.0	.0	.0	.0	2.3	3.1	3.2	5.3
[illegible]8	4.4	6.2	1.2	1.7	1.2	.2	.0	.0	.3	1.6	3.6	5.1	6.2
[illegible]9	3.3	3.3	4.7	2.3	.6	.0	.0	.0	.0	.0	3.3	3.7	3.3
MEAN													
S.D.													
TOTAL OBS													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____

24 HOUR AMOUNTS IN INCHES

MONTH / YEAR	JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]	4.[illegible]	[illegible].1	6.6	3.[illegible]	1.[illegible]	.[illegible]0	.0	.0	.[illegible]0	.0	4.[illegible]9	6.4	[illegible].6
[illegible]1			4.[illegible]0	.[illegible]9	2.4	.[illegible]0	.0	.0	.[illegible]0	1.7	3.6	[illegible].[illegible]0	
[illegible]2	4.[illegible]7	1.[illegible]4	4.4	.[illegible]8	.[illegible]6	.[illegible]1	.[illegible]2	.[illegible]0	.[illegible]2	1.[illegible]2	[illegible].2	[illegible].[illegible]	[illegible].[illegible]
MEAN	3.96	4.1[illegible]9	4.73	2.96	1.[illegible]3	.[illegible]20	.06	.[illegible]20	.05	.97	3.15	4.7[illegible]2	[illegible].[illegible]5
S D	[illegible].133	[illegible].[illegible]34	2.[illegible]24	2.[illegible]768	1.[illegible]57	.[illegible]386	.[illegible]100	.[illegible]600	.[illegible]313	1.[illegible]027	1.[illegible]921	2.1[illegible]5	2.[illegible]857
TOTAL OBS.	[illegible]99[illegible]	[illegible].[illegible]4	1[illegible]23	[illegible]99[illegible]	1[illegible]23	[illegible]99[illegible]	1[illegible]23[illegible]	1[illegible]23[illegible]	99[illegible]	1023	[illegible]6[illegible]	1023	11[illegible]54

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SNOWFALL
(FROM DAILY OBSERVATIONS)

25714 — STATION
ADAK, AK — STATION NAME
50-82 — 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
82											1.6 23		SNOWFALL DAYS
81		2.7 16											SNOWFALL DAYS
MEAN													
S.D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

2574 STATION | ASHEVILLE, NC STATION NAME | 50-80 YEARS

DAILY SNOW DEPTH IN INCHES

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP	OCT.	NOV.	DEC.	ALL MONTHS
50	T	4	2	0	0	T	0	0	0	0	T	T	
51	5	21	2	0	0	0	0	0	0	0	0	T	21
52		8	7	1	0	0	0	0	0	0	2		
53	14	5	6	1	0	0	0	0	0	0		T	
54	3		3	12	0	0	0	0	0	0	11	7	
55	17	0	4	1	T	0	0	0	0	0	T	T	17
56	4	2	5	2	0	0	0	0	0	0	3		
57	1	T	T	2	0	0	0	0	0	0	3	3	5
58	15	2	4	1	0	0	0	0	0	0	1	3	15
59	2	5	7	1	0	0	0	0	0	0	5	2	7
60	4	5	5	2	T	0	0	0	T	0	2	6	6
61	19	1	3	2	0	0	0	0	T	0	4	8	19
62	7	3	1	0	T	0	0	0	0	0	5	4	7
63	3	2	2	0	0	0	0	0	0	0	1	2	3
64	7	26	31	2	0	0	0	0	T	1	6	7	31
65	6	6	4	1	0	0	0	0	0	0	3	6	6
66	2	2	1	0	0	0	0	0	0	0	0	4	7
67	3	6	2	0	0	0	0	0	0	0	0		
68	3	4	4	3	0	0	0	0	T	0	5	4	5
69	4	5	6	T	T	0	0	0	T	0	5	6	6
70	16	14	4	1	0	0	0	0	0	0	0	T	16
71	6	4	4	0	0	0	0	0	0	0	1	6	6
72	2	1	4	T	0	0	0	0	0	0	6	5	6
73	1	4	1	2	0	0	0	0	0	2	0	10	10
74	1	11	2	1	0	0	0	0	0	0	1	15	15
75	13	3	6	4	0	0	0	0	0	0	3	4	13
76	5	8	11	5	0	0	0	0	T	1	3	11	11
77	7	17	17	4	0	0	0	0	0	0	6	6	17
78	5	13	11	2	0	0	0	0	0	0	0	7	13
79	12	4	3	1	0	0	0	0	0	0	7	9	12
MEAN													
S D													
TOTAL OBS													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

[illegible] DEPTH
(FROM DAILY OBSERVATIONS)

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

[illegible] SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]	1												
[illegible]			1	1							1	4	
[illegible]													
MEAN	[illegible]	[illegible].1	[illegible].2	1.2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible].1	[illegible]	6.[illegible]	11.[illegible]
S D	[illegible].2[illegible]	[illegible].11[illegible]	[illegible].[illegible]3	1.326	[illegible].[illegible]0	.000	[illegible].[illegible]0	[illegible].[illegible]0	.000	.415	2.752	3.1[illegible]	5.713
TOTAL OBS	[illegible]1	[illegible]7[illegible]	1[illegible]23	[illegible]90	1[illegible]23	[illegible]90	1023	[illegible]92	[illegible]6[illegible]	1023	[illegible]93[illegible]	[illegible]93[illegible]	11721

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

[illegible] STATION | [illegible] STATION NAME | 5[illegible] YEARS

DAILY SNOW DEPTH 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]			22		SNOW DEPTH [illegible] DAYS
[illegible]2	10 [illegible]											7 [illegible]	SNOW DEPTH [illegible] DAYS
[illegible]3									[illegible]6		[illegible]		SNOW DEPTH [illegible] DAYS
[illegible]4		27											SNOW DEPTH [illegible] DAYS
56												5 30	SNOW DEPTH [illegible] DAYS
57												7 29	SNOW DEPTH [illegible] DAYS
[illegible]1		5 16											SNOW DEPTH [illegible] DAYS
MEAN													
S. D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

STATION | STATION NAME | YEARS

MONTH

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

MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
Monthly	2.2	57	1959	9.3	234	1954

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

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

STATION _____ STATION NAME _____ YEARS

MONTH

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

MONTH

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

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

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE NORTH CAROLINA

DAILY EXTREME AMOUNTS

STATION NAME _____ YEARS _____

MONTH _____

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

MONTH _____

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
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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

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						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
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13						
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27						
28						
29						
30						
31						

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						
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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

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

STATION NAME

YEARS

MONTH

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

MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1						
2						
3						
4						
5						
6						
7						
8						
9						
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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

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

STATION _____ STATION NAME _____ YEARS _____

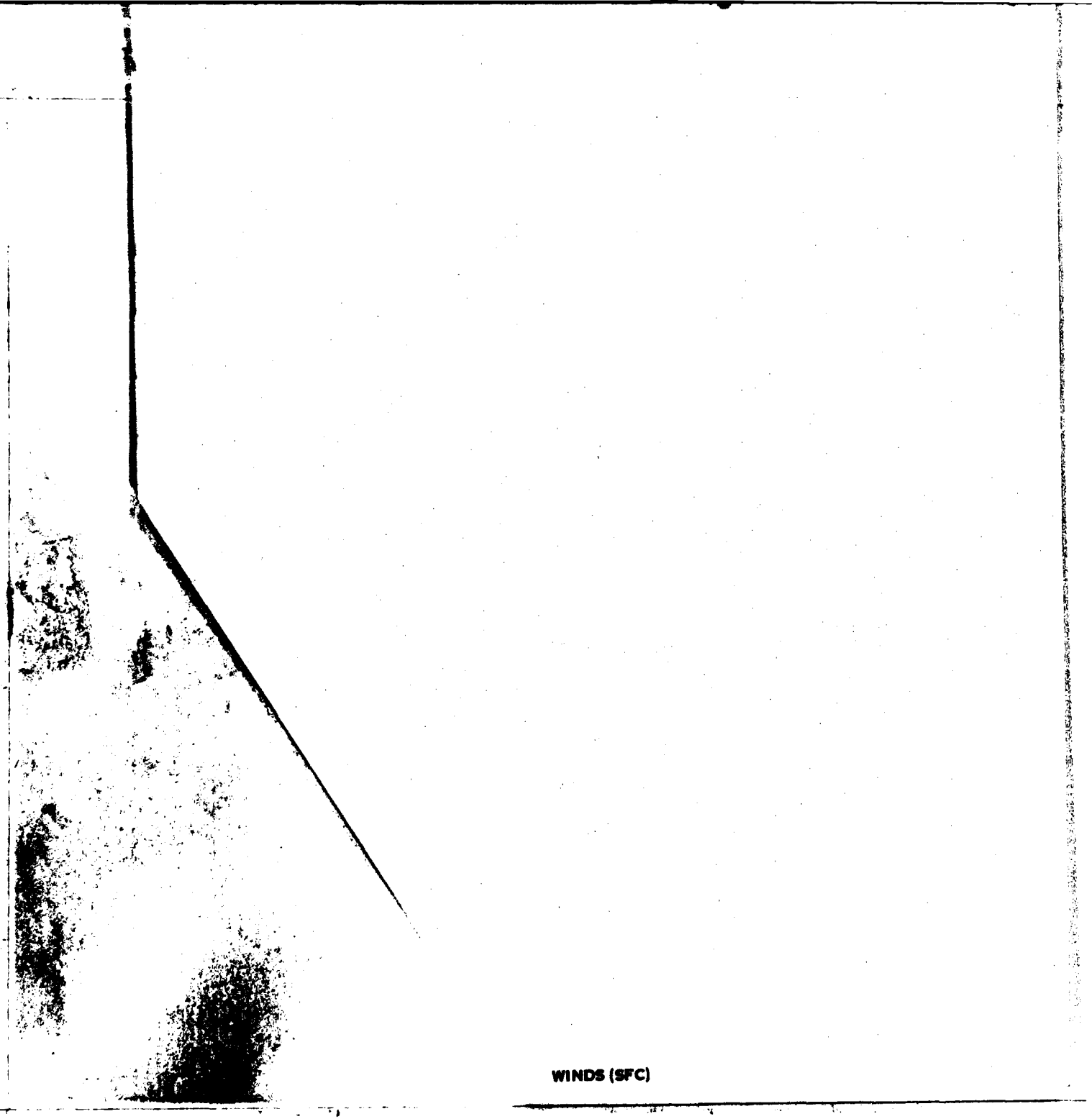
MONTH _____

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

MONTH _____

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1						
2						
3						
4						
5						
6						
7						
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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)

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.

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

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

DAILY PEAK GUSTS IN KNOTS

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ALL MONTHS
[illegible]													
[illegible]1	[illegible] 66	[illegible] 79	[illegible] 67	[illegible] 55	[illegible] 42	[illegible] 48	[illegible] 50	[illegible] 52	[illegible] 54	[illegible] 79	[illegible] 55	[illegible] 73	[illegible] 79
[illegible]2	[illegible] 66	[illegible] 100	[illegible] 79	[illegible] 52	[illegible] 51	[illegible] 57	[illegible] 64	[illegible] 67	[illegible] 45	[illegible] 95	[illegible] 76	[illegible] 71	[illegible] 100
[illegible]3	[illegible] 59	[illegible] 65	[illegible] 75	[illegible] 75		[illegible] 56	[illegible] 47	[illegible] 58	[illegible] 69	[illegible] 71	[illegible] 60	[illegible] 77	
[illegible]4	[illegible] 52	[illegible] 66	[illegible] 109	[illegible] 61	[illegible] 70	[illegible] 48	[illegible] 58	[illegible] 52	[illegible] 57	[illegible] 48	[illegible] 67	[illegible] 75	[illegible]
[illegible]5	[illegible] 83	[illegible] 63	[illegible] 80	[illegible] 78	[illegible] 67	[illegible] 59	[illegible] 60	[illegible] 60	[illegible] 65	[illegible] 80	[illegible] 72	[illegible] 71	[illegible]
[illegible]6	[illegible] 53	[illegible] 71	[illegible] 74	[illegible] 90	[illegible] 73	[illegible] 51	[illegible] 44	[illegible] 55	[illegible] 98	[illegible] 60	[illegible] 73	[illegible] 75	[illegible]
[illegible]7	[illegible] 60	[illegible] 57	[illegible] 62	[illegible] 76	[illegible] 48	[illegible] 56	[illegible] 46	[illegible] 58	[illegible] 55	[illegible] 57	[illegible] 59	[illegible] 56	[illegible]
[illegible]8	[illegible] 61	[illegible] 59	[illegible] 84	[illegible] 64	[illegible] 60	[illegible] 54	[illegible] 59	[illegible] 60	[illegible] 64	[illegible] 83	[illegible] 49	[illegible] 64	[illegible]
[illegible]9	[illegible] 51	[illegible] 60	[illegible] 74	[illegible] 68	[illegible] 80	[illegible] 48	[illegible] 50	[illegible] 49	[illegible] 63	[illegible] 67	[illegible] 49	[illegible] 71	[illegible]
[illegible]0	[illegible] 70	[illegible] 71	[illegible] 73	[illegible] 42	[illegible] 53	[illegible] 41	[illegible] 41	[illegible] 49	[illegible] 55	[illegible] 61	[illegible] 70	[illegible] 55	[illegible]
1	[illegible] 60	[illegible] 47	[illegible] 67	[illegible] 70	[illegible] 61	[illegible] 42	[illegible] 56	[illegible] 47	[illegible] 53	[illegible] 74	[illegible] 101	[illegible] 55	[illegible] 101
[illegible]2	[illegible] 73	[illegible] 63	[illegible] 79	[illegible] 53	[illegible] 62	[illegible] 55	[illegible] 27	[illegible] 47	[illegible] 58	[illegible] 55	[illegible] 56	[illegible] 75	[illegible]
[illegible]3	[illegible] 47	[illegible] 47	[illegible] 72	[illegible] 56	[illegible] 54	[illegible] 46	[illegible] 56	[illegible] 41	[illegible] 62	[illegible] 58	[illegible] 54	[illegible] 67	[illegible] 72
[illegible]4	[illegible] 43	[illegible] 62	[illegible] 59	[illegible] 57		[illegible] 58	[illegible] 45	[illegible] 55		[illegible] 69	[illegible] 97	[illegible]	
[illegible]5	[illegible] 43	[illegible] 54	[illegible] 41	[illegible] 49		[illegible] 44	[illegible] 49	[illegible] 58	[illegible] 37	[illegible] 85	[illegible] 72	[illegible] 64	
[illegible]6	[illegible] 69	[illegible] 74	[illegible] 41	[illegible] 50	[illegible] 59	[illegible] 37	[illegible] 34	[illegible] 50	[illegible] 47	[illegible] 47	[illegible] 56	[illegible] 57	[illegible]
[illegible]7	[illegible] 74	[illegible] 69	[illegible] 55	[illegible] 47	[illegible] 31	[illegible] 35	[illegible] 45	[illegible] 44	[illegible] 67	[illegible] 51	[illegible] 60	[illegible] 64	[illegible] 74
[illegible]8	[illegible] 57	[illegible] 66	[illegible] 49	[illegible] 48	[illegible] 47	[illegible] 33	[illegible] 32	[illegible] 41	[illegible] 44	[illegible] 60	[illegible] 40	[illegible] 58	[illegible] 66
[illegible]9	[illegible] 79	[illegible] 73	[illegible] 42	[illegible] 68	[illegible] 49	[illegible] 33	[illegible] 33	[illegible] 32	[illegible] 47	[illegible] 47	[illegible] 69	[illegible]	[illegible] 76
[illegible]0	[illegible] 58	[illegible] 77	[illegible] 46			[illegible] 43	[illegible] 43	[illegible] 57	[illegible] 44	[illegible] 59	[illegible] 71	[illegible]	
[illegible]1	[illegible] 61	[illegible] 45	[illegible] 32	[illegible] 56	[illegible] 21	[illegible] 17	[illegible] 22	[illegible] 27	[illegible] 64	[illegible] 46	[illegible] 51	[illegible] 63	[illegible] 64
[illegible]2	[illegible] 59	[illegible] 15	[illegible] 10	[illegible] 54	[illegible] 22	[illegible] 26	[illegible] 24	[illegible] 38	[illegible] 12	[illegible] 31	[illegible] 27	[illegible] 42	[illegible]
[illegible]3	[illegible] 67	[illegible] 18	[illegible] 22	[illegible] 51	[illegible] 17	[illegible] 28	[illegible] 07	[illegible] 32	[illegible] 20	[illegible] 42	[illegible] 20	[illegible] 61	[illegible] 64
[illegible]4	[illegible] 37	[illegible] 12	[illegible] 45	[illegible] 29	[illegible] 43	[illegible] 39	[illegible] 26	[illegible] 59	[illegible] 33	[illegible] 32	[illegible] 21	[illegible] 44	[illegible] 35
[illegible]5	[illegible] 56	[illegible] 23	[illegible] 54	[illegible] 17	[illegible] 63	[illegible] 58	[illegible] 01	[illegible] 52	[illegible] 27	[illegible] 45	[illegible] 25	[illegible] 24	[illegible] 41
[illegible]6	[illegible] 66	[illegible] 24	[illegible] 58	[illegible] 17	[illegible] 55	[illegible] 29	[illegible] 86	[illegible] 28	[illegible] 43	[illegible] 07	[illegible] 41	[illegible] 27	[illegible] 39
[illegible]7	[illegible] 47	[illegible] 24	[illegible] 76	[illegible] 26	[illegible] 70	[illegible] 16	[illegible] 54	[illegible] 27	[illegible] 63	[illegible] 25	[illegible] 36	[illegible] 27	[illegible] 46
[illegible]8	[illegible] 63	[illegible] 01	[illegible] 40	[illegible] 28	[illegible] 48	[illegible] 22	[illegible] 54	[illegible] 23	[illegible] 54	[illegible] 22	[illegible] 43	[illegible] 24	[illegible] 42
[illegible]9	[illegible] 69	[illegible] 36	[illegible] 53	[illegible] 16	[illegible] 72	[illegible] 20	[illegible] 73	[illegible] 19	[illegible] 54	[illegible] 23	[illegible] 42	[illegible] 22	[illegible] 38
MEAN													
S.D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

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

DAILY PEAK GUSTS IN KNOTS

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV	DEC.	ALL MONTHS
[illegible]	27 55	11 47	29 53	24 50	29 54	23 52	02 41	22 76	06 45	01 47	21 68	13 65	22 76
1			26 67	27 45	29 45	23 40	21 33	24 42	06 41	02 60	18 58	13 67	
[illegible]	15 44	23 71	23 76	27 54	01 49	15 49	26 47	21 49	18 47	16 57	29 74	28 65	23 76
MEAN	[illegible].4	60.7	63.6	59.0	57.9	45.1	44.1	[illegible]1.3	55.1	64.1	67.7	65.4	[illegible].5
S.D.	13.[illegible]32	14.[illegible]431	[illegible].521	13.123	11.304	9.454	9.211	9.972	12.260	14.238	13.937	8.671	12.3[illegible]1
TOTAL OBS.	[illegible]55	871	98[illegible]	92[illegible]	867	[illegible]56	[illegible]85	[illegible]92	926	[illegible]87	959	1014	11426

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

[illegible] STATION | ATAK, AK STATION NAME | [illegible] YEARS

DAILY PEAK GUSTS IN KNOTS
/BASED ON LESS THAN [illegible] OBSERVATIONS FOR MONTH/

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP	OCT.	NOV.	DEC	ALL MONTHS
[illegible]	0	[illegible]	0	0	0	[illegible]	0	0	0	0	[illegible]		[illegible] DAYS
[illegible]					WSW 52 25								[illegible] DAYS
4					NNE 57 26				65 26				[illegible] DAYS
[illegible]5					NNE 43 26								[illegible] DAYS
[illegible]				S[illegible] 93 25	[illegible]N 34 20								[illegible] DAYS
[illegible]1		05 49 1[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)

STATION | STATION NAME | YEARS | MONTH: JAN

CLASS: ALL WEATHER | HOURS (L S T): 01

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S T)

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	•	1•	1•	2•		•1	•1					4•	11•1
NNE	1•	1•	1•	2•1	1•1	1•1	•1					7•	11•3
NE	•1	1•	1•	1•2	1•1	•1		•1				4•	14•6
ENE	•1	•	1•1	2•3	1•1	1•1						5•	11•2
E	•1	•1	1•	2•1	1•1	1•1						5•	12•7
ESE				1•								1•	12•1
SE		•		•1	•1							1•	11•5
SSE			1•	•1	1•1							2•	14•1
S	•	1•	•1	•0	•1	•1						3•	•5
SSW	1•		•1	•1	•1	•1		•1				4•	15•1
SW	•	•1	•1	1•0	•0	1•1	•0					4•	11•1
WSW		•1	2•1	2•1	1•1	•1						6•	11•3
W	•	1•1	1•1	1•1	1•0	•1	•1					5•	11•1
WNW		1•1	•1	1•1	•1							3•	•1
NW	•1	•1	•0	1•0								2•	•1
NNW			1•1	•1	•1	•1	•1					3•	1•0
VARBL													
CALM												13•	
	•1	1•1	1•4	26•3	11•1	3•1	2•1	1•1				100•	11•4

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS

CONDITION

HOURS (L S T)

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS L.S.T.

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

3

SURFACE WINDS

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

STATION STATION NAME YEARS MONTH

CLASS HOURS S.T.

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T)

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S T)

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

ALL [illegible]
CLASS

HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]
ENE			[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]					[illegible]	[illegible]
ESE		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]				[illegible]	[illegible]
SE	[illegible]		[illegible]	[illegible]								[illegible]	[illegible]
SSE			[illegible]	[illegible]				[illegible]				[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]					[illegible]	[illegible]
SSW	[illegible]	[illegible]		[illegible]	[illegible]		[illegible]					[illegible]	[illegible]
SW	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]				[illegible]	[illegible]
WNW		[illegible]	[illegible]	[illegible]								[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]					[illegible]	[illegible]
NNW		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	[illegible]	25.7	11.3	[illegible]	[illegible]	1.1				[illegible]	11.1

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	•	•	2•	2•	1•1	1•1	•4					10•	11•
NNE	•	•	1•	3•	2•6	•4	•4					8•	14•2
NE		•	•6	2•	•4	•4	•6	•7				4•	17•8
ENE			1•	1•	•7	•7	•4					3•	15•7
E	•1		1•1	2•	•4	1•4	•4					5•1	14•3
ESE		•	•7	1•1	•4							3•	11•4
SE		•		1•1	•4	•7						3•	13•
SSE	•	1•	1•	•7	•7							4•6	•7
S	•7	1•	1•1	•7	•4	•7						5•	12•4
SSW	•	•7		1•4		•7						3•	13•3
SW	•	1•1	1•	•7	•4	1•1	•4					5•7	12•4
WSW	1•1	•	1•4	1•4	2•1	•7	1•1					7•	14•4
W	•7	1•-	1•	1•1	•7	1•4	•4					7•4	13•9
WNW		•1	•4	•7	•4							2•7	11•1
NW		1•-	•7	•7	•4	•4						3•1	11•-
NNW		•7	•7	2•1		•7	•4					4•1	14•1
VARBL													
CALM												1•1	
	2•1	14•7	17•	25•7	11•-	•7	2•1	•7				100•	11•-

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S T)

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

ALL [illegible]
CLASS

HOURS (L S T)

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S T)

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T)

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS L S T

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____ S T

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, N.C.

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____ S.T.

CONDITION _____

SPEED (KNTS) DIR.	1 - 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													
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WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

3

NAVAL WEATHER SERVICE
DEPARTMENT
ASHEVILLE, NC

SURFACE W

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

STATION _____ STATION NAME _____ YEARS _____

CLASS _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____ LST

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS - L S T

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S T)

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS

CONDITION

HOURS (L S T)

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS

ALL
HOURS (LST)

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH

CLASS

HOURS (L S T)

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T)

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S T)

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS L S T

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____ S T

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____ L S T

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

3

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (LST) _____

CONDITION _____

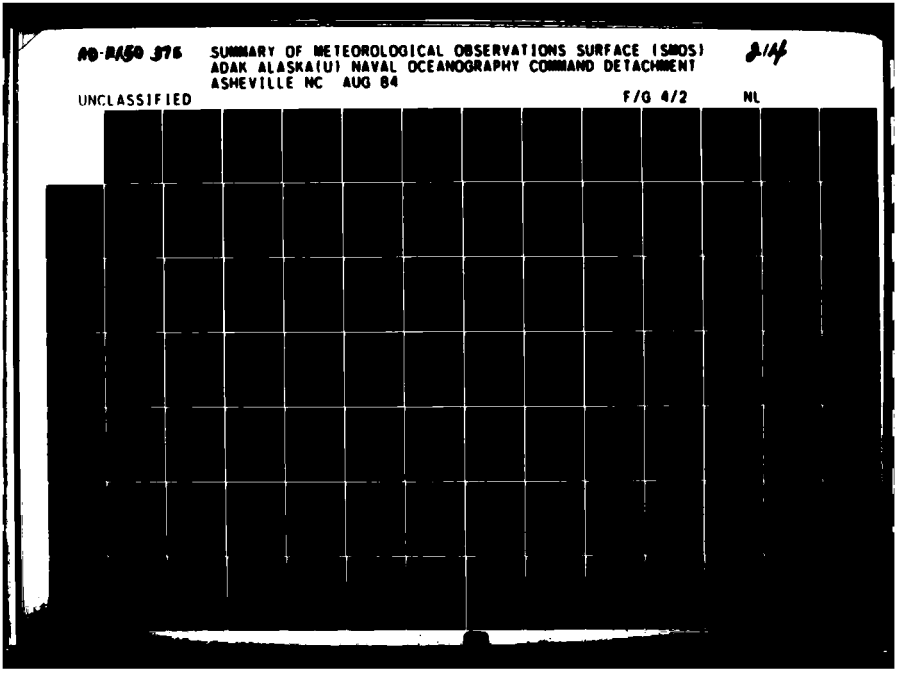
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE													
SSE													
S													
SSW													
SW													
WSW			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

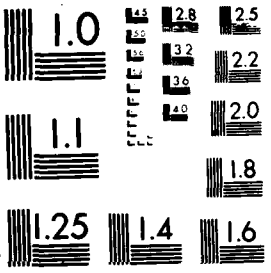
TOTAL NUMBER OF OBSERVATIONS

SMOS

AD-A150 376 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) ADAK ALASKA(U) NAVAL OCEANOGRAPHY COMMAND DETACHMENT ASHEVILLE NC AUG 84 1/1

UNCLASSIFIED F/G 4/2 NL





MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963-A

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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

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	.7	1.5	2.	2.7	1.1	.[illegible]	.2					9.[illegible]	11.7
NNE	.3	.[illegible]	1.7	1.6	.7	.7	.3	.2				5.[illegible]	12.4
NE	.2	.7	1.2	.7	.4	.1	.0					3.	11.2
ENE	.3	.7	1.5	1.2	.2	.1						3.[illegible]	9.6
E	.2	.3	.9	1.[illegible]	.2	.1	.1					3.4	9.9
ESE	.2	.5	.6	.6	.1	.[illegible]						2.1	9.9
SE	.1	.[illegible]	.6	1.2	.5	.1	.[illegible]					3.1	12.1
SSE	.[illegible]	.[illegible]	1.2	1.2	.3	.1	.1	.2				3.7	12.0
S	.3	.7	2.[illegible]	2.5	.8	.6	.2	.2				7.1	12.9
SSW	.3	.3	1.[illegible]	1.3	.9	.7	.2	.1				5.7	14.5
SW	.4	.9	1.7	3.5	1.8	1.5	.4	.1	.2			10.[illegible]	15.1
WSW	.4	1.1	1.2	3.5	2.5	1.3	.4	.0				11.[illegible]	14.5
W	.4	1.3	2.4	3.1	1.6	.9	.3	.1	.2			10.2	13.5
WNW	.2	.2	1.4	2.6	.6	.4	.1	.3	.1	.[illegible]	.[illegible]	6.7	14.4
NW	.1	.3	1.1	1.6	.7	.4	.2	.2				4.[illegible]	13.1
NNW	.2	.7	1.[illegible]	1.8	.8	.[illegible]	.2					5.7	12.2
VARBL													
CALM												4.5	
	4.7	12.4	23.6	30.4	1[illegible].3	7.4	2.6	.9	.3	.[illegible]	.[illegible]	100.[illegible]	12.4

TOTAL NUMBER OF OBSERVATIONS 2400

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]	ADAK, AK	73-82	MAY

CLASS: ALL WEATHER

CONDITION:

HOURS (LST): 01

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.[illegible]	1.[illegible]	[illegible].[illegible]	3.5	1.[illegible]	.3						11.3	[illegible].9
NNE	1.[illegible]	1.[illegible]	1.3	1.3		.6						6.1	[illegible].[illegible]
NE		1.3	1.[illegible]	1.[illegible]		.[illegible]						3.[illegible]	[illegible].3
ENE	.3	.6	.[illegible]	.3	.6	.3						[illegible].[illegible]	11.[illegible]
E	.[illegible]	1.3	.6	1.6								3.[illegible]	[illegible].8
ESE	.6	.6	.[illegible]									1.[illegible]	[illegible].5
SE	.[illegible]	.6	.6	.3								1.[illegible]	[illegible].7
SSE	.3	1.[illegible]		1.[illegible]	.3		.[illegible]					[illegible].[illegible]	11.[illegible]
S	1.[illegible]	1.[illegible]	[illegible].3	.6	.3							[illegible].[illegible]	7.7
SSW	.[illegible]	.[illegible]	1.[illegible]	1.[illegible]	.6			.3				[illegible].[illegible]	13.3
SW	1.[illegible]	1.[illegible]	3.5	1.3	1.3	.6						8.[illegible]	10.[illegible]
WSW	1.6	.6	[illegible].[illegible]	3.5	1.[illegible]	1.[illegible]	1.[illegible]					11.[illegible]	13.6
W	1.[illegible]	1.[illegible]	3.[illegible]	5.2	1.[illegible]	.6	.3	.6				13.[illegible]	12.7
WNW	.[illegible]	1.[illegible]	1.[illegible]	1.9								4.[illegible]	[illegible].5
NW		1.3	1.3	1.[illegible]	.3	.[illegible]						4.[illegible]	10.9
NNW	.6	.3	1.[illegible]	[illegible].6	.6	.6						5.[illegible]	12.[illegible]
VARBL													
CALM												[illegible].[illegible]	
	1[illegible].[illegible]	15.1	24.[illegible]	26.1	7.4	4.[illegible]	1.6	1.[illegible]				1[illegible].[illegible]	[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]11

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible] 4	A[illegible]A[illegible], AR	73-82	MAY

CLASS: ALL WEATHER

HOURS (L S T): 24

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.[illegible]	[illegible]	2.[illegible]	2.3	1.[illegible]	.3						10.[illegible]	[illegible].[illegible]
NNE	1.[illegible]	.[illegible]	1.6	1.6	.3	.6						5.[illegible]	10.9
NE	.[illegible]	1.6	.[illegible]									2.3	4.9
ENE	1.[illegible]	.[illegible]	1.[illegible]	.3	.3	.[illegible]						3.[illegible]	9.3
E	.[illegible]	.6	1.[illegible]	.6	.3							3.[illegible]	[illegible].[illegible]
ESE	.[illegible]	.[illegible]		.[illegible]								1.[illegible]	[illegible].[illegible]
SE	1.[illegible]	.[illegible]	.[illegible]	.3		.[illegible]						2.6	8.4
SSE		.[illegible]	.6		.3	.3						1.[illegible]	13.2
S	.[illegible]	1.3	1.6	1.[illegible]	.3							4.[illegible]	[illegible].4
SSW	.[illegible]	.[illegible]	1.[illegible]	1.3	.3							4.[illegible]	[illegible].4
SW	.[illegible]	1.[illegible]	2.3	2.[illegible]	1.6	.[illegible]	.6					10.[illegible]	12.[illegible]
WSW	1.[illegible]	1.[illegible]	2.[illegible]	2.3	1.6	.6	1.3					10.[illegible]	13.2
W	.[illegible]	[illegible].[illegible]	2.6	3.2	2.6	.6	.3	.3				12.[illegible]	12.6
WNW	1.[illegible]	.[illegible]	1.[illegible]	1.9	.3							5.[illegible]	[illegible].[illegible]
NW	.6	1.[illegible]	1.3	2.3								5.[illegible]	[illegible].1
NNW	1.[illegible]	1.[illegible]	1.[illegible]	1.[illegible]	1.[illegible]	.6						[illegible].[illegible]	11.[illegible]
VARBL													
CALM												[illegible].[illegible]	
	11.[illegible]	1[illegible].[illegible]	21.[illegible]	22.3	10.[illegible]	[illegible].[illegible]	2.3	.3				1[illegible].[illegible]	[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS: 31[illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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

CLASS: [illegible]

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	.5	1.4	2.3	1.6	.6	.3						7.4	10.3
NNE	1.1	1.9	1.6	1.6	.3	.6	.3					7.4	9.6
NE	.5			.6	.3							1.6	8.4
ENE		1.7	1.9	1.9	.3							4.5	9.1
E	1.7	1.3	1.3	.3								4.7	6.1
ESE		.3	.3	.6								1.3	10.5
SE	.3		.3		.3							1.3	10.7
SSE	.3	.6	.6		.3							1.8	7.0
S	1.9	1.3	2.7	1.9	.3	.3						6.5	10.3
SSW	.6	1.3	1.9	1.9		.3						5.5	8.5
SW	1.1	2.3	1.6	1.6	1.3	.6		.6				9.4	12.2
WSW	.3	.8	2.4	3.2	1.9	1.6						9.7	13.2
W	1.6	1.9	3.2	4.5	1.3	1.7	.3	.6				13.5	14.3
WNW	.5	.5	1.9	1.9	.3	.3	.3					5.1	12.5
NW		1.9	1.7	.5	.3							3.9	9.7
NNW	1.9	.3	2.2	2.9	1.6							8.9	11.6
VARBL													
CALM												2.1	
	10.9	15.9	27.3	33.9	9.4	4.3	1.9	1.3				100.	11.1

TOTAL NUMBER OF OBSERVATIONS 317

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]	ADAK, AK	73-[illegible]	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		1.[illegible]	3.[illegible]	4.8	1.[illegible]	.3						11.[illegible]	11.6
NNE	.[illegible]	1.6	2.3	1.9	.3	.3		.3				7.1	11.2
NE	.3		.6	1.[illegible]	.3							2.3	11.3
ENE		[illegible].3	3.2	.6	.6							6.[illegible]	8.5
E	.[illegible]	[illegible].[illegible]	1.[illegible]	.3								5.2	9.7
ESE	.3	1.3	.6									2.3	9.9
SE	.3	.3	.5	.6								1.[illegible]	8.2
SSE		.[illegible]	.3									.6	6.5
S		1.[illegible]	2.[illegible]	1.9	.6							6.[illegible]	10.7
SSW		.[illegible]	1.[illegible]	1.[illegible]	.3	.6	.3					3.[illegible]	14.4
SW	.[illegible]		1.3	3.[illegible]	.6	1.[illegible]	.3					7.[illegible]	14.3
WSW	.6		2.3	2.[illegible]	2.9	1.6	.6					11.[illegible]	15.[illegible]
W		1.[illegible]	2.9	5.[illegible]	1.9	1.[illegible]	1.6					15.[illegible]	15.5
WNW	.[illegible]	1.[illegible]	1.[illegible]	2.3	.3							5.[illegible]	9.4
NW		1.[illegible]	2.6	1.[illegible]	1.[illegible]							6.[illegible]	11.1
NNW			1.6	1.9	1.[illegible]							4.5	13.0
VARBL													
CALM												1.[illegible]	
	[illegible].[illegible]	16.5	28.1	31.[illegible]	11.[illegible]	5.[illegible]	2.9	.3				1[illegible].[illegible]	11.[illegible]

TOTAL NUMBER OF OBSERVATIONS: 311

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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

CLASS: ALL 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	2.0	5.2	1.6	.7	.3					11.7	13.9
NNE		.5	1.3	2.7	1.6							5.[illegible]	12.3
NE		.4	.4	1.0	.3							3.[illegible]	10.4
ENE	.3	1.7	3.6	1.9	.3	.7						[illegible].4	[illegible].7
E	.6	2.3	2.3	.3								5.[illegible]	5.3
ESE		1.[illegible]	.4									[illegible].1	[illegible].[illegible]
SE	.7	1.6	.3	.3	.3							2.9	7.2
SSE	.7	.3	1.6	1.3								3.6	9.2
S	.7	1.3	1.9	1.9	.6	.3	.3					6.[illegible]	11.[illegible]
SSW			.[illegible]	1.6	1.[illegible]		.3					[illegible].[illegible]	15.2
SW		.3	1.[illegible]	2.3	1.3	1.[illegible]	.3	.6				6.[illegible]	13.1
WSW		.3	1.[illegible]	3.9	1.6	1.3						[illegible].[illegible]	14.9
W		.6	3.9	4.9	2.6	2.9	1.[illegible]	.3				16.[illegible]	16.[illegible]
WNW		.3	1.6	2.3	1.0							[illegible].[illegible]	11.9
NW			.6	1.9	.6	.6						3.[illegible]	15.3
NNW			1.7	1.9	1.0							4.[illegible]	14.[illegible]
VARBL													
CALM												.7	
	1.[illegible]	12.[illegible]	24.[illegible]	35.1	14.[illegible]	6.[illegible]	2.3	1.[illegible]				1[illegible].[illegible]	13.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible], AK	73-[illegible]	MAY

CLASS: ALL WEATHER

CONDITION:

HOURS (L S T): 16

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.[illegible]	1.[illegible]	2.[illegible]	6.[illegible]	2.6	.[illegible]	.[illegible]					1[illegible].[illegible]	1[illegible].[illegible]
NNE		.[illegible]	1.[illegible]	1.6	1.9							[illegible].[illegible]	13.[illegible]
NE		.[illegible]	1.[illegible]	1.9								[illegible].[illegible]	11.1
ENE	.[illegible]	1.6	2.[illegible]	1.6	.3							[illegible].1	9.1
E		1.[illegible]	[illegible].2	1.[illegible]								5.[illegible]	8.4
ESE			.[illegible]	.[illegible]								1.[illegible]	9.3
SE	.[illegible]	.[illegible]	1.[illegible]	.[illegible]								1.[illegible]	7.[illegible]
SSE		.[illegible]	1.[illegible]	1.3								2.6	11.[illegible]
S		.[illegible]	2.[illegible]	[illegible].6		.[illegible]		.3				7.[illegible]	12.[illegible]
SSW	.[illegible]		1.[illegible]	2.3		.6						4.2	12.7
SW		.[illegible]	1.[illegible]	1.6	1.3	1.[illegible]		.3				[illegible].5	18.[illegible]
WSW		1.[illegible]	1.[illegible]	3.[illegible]	1.3	1.6	.3					10.[illegible]	14.3
W		.[illegible]	2.[illegible]	6.[illegible]	2.6	1.[illegible]	1.[illegible]					14.[illegible]	14.[illegible]
WNW		.[illegible]	1.[illegible]	2.6	1.[illegible]	.[illegible]	.3					[illegible].[illegible]	14.7
NW			.[illegible]	1.[illegible]	.3	.3						3.[illegible]	14.5
NNW	.[illegible]	.6	.[illegible]	1.9	1.3							4.[illegible]	12.[illegible]
VARBL													
CALM												.[illegible]	
	1.[illegible]	1[illegible].[illegible]	2[illegible].[illegible]	3[illegible].[illegible]	1[illegible].6	7.1	2.3	.6				1[illegible].[illegible]	1[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]4	A[illegible], AV	73-9[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		1.[illegible]	4.[illegible]	6.[illegible]	1.[illegible]	1.[illegible]						1[illegible].[illegible]	1[illegible].[illegible]
NNE	.[illegible]	.[illegible]	2.[illegible]	1.6	.[illegible]	.3						[illegible].[illegible]	1[illegible].[illegible]
NE	.[illegible]	1.[illegible]	1.[illegible]	1.3	.3							4.[illegible]	[illegible].[illegible]
ENE	.6	.[illegible]	2.[illegible]	1.3								[illegible].[illegible]	[illegible].[illegible]
E	1.[illegible]	1.[illegible]	.[illegible]	.3								2.[illegible]	[illegible].[illegible]
ESE	.[illegible]	1.[illegible]		.6								2.[illegible]	[illegible].6
SE		1.[illegible]	1.[illegible]	.3								2.[illegible]	[illegible].4
SSE		.6	1.[illegible]	.6								[illegible].[illegible]	[illegible].[illegible]
S		.[illegible]	[illegible].[illegible]	2.3	1.[illegible]	.3	.6					7.[illegible]	1[illegible].4
SSW		1.[illegible]	1.[illegible]	1.6								[illegible].[illegible]	1[illegible].[illegible]
SW		.[illegible]	1.[illegible]	1.6	1.3	1.[illegible]	.3					7.[illegible]	1[illegible].[illegible]
WSW	.[illegible]	1.3	2.[illegible]	2.6	.[illegible]	.6	.3	.3				4.[illegible]	1[illegible].[illegible]
W	.[illegible]	.[illegible]	4.[illegible]	5.[illegible]	1.3	1.[illegible]						1[illegible].[illegible]	1[illegible].[illegible]
WNW			1.[illegible]	1.3	.6	1.[illegible]						[illegible].[illegible]	1[illegible].[illegible]
NW	.[illegible]	.[illegible]	1.[illegible]	2.9	.[illegible]	.3						5.[illegible]	1[illegible].[illegible]
NNW	.[illegible]		1.[illegible]	1.6	1.[illegible]	.3						[illegible].[illegible]	1[illegible].[illegible]
VARBL													
CALM												1.[illegible]	
	[illegible].[illegible]	12.[illegible]	32.[illegible]	32.[illegible]	7.4	[illegible].[illegible]	1.[illegible]	.3				1[illegible].[illegible]	1[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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

CLASS: ALL WEATHER | HOURS (L S T): 02

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.3	1.3	4.8	.6							10.3	13.3
NNE	1.3	2.6	2.3	1.6	.3		.3					8.0	7.8
NE	.6	1.3	.3		.3							2.3	7.0
ENE	.6	1.6	1.3	1.3								4.8	7.7
E	.3		.6	1.3								1.9	10.6
ESE		.3	.3	.3								1.0	7.7
SE		1.0	1.3	.3								2.6	8.4
SSE		.6	1.3	1.0	.3							3.2	10.0
S	3.3	1.3	1.6	1.3			.3					6.8	8.5
SSW		.6	.6	1.3	1.3							3.8	12.4
SW	.3	1.3	2.6	3.2	.6	1.3	.3					10.3	12.7
WSW	.6	1.3	2.6	2.9		1.0	.6					9.0	12.6
W	.3	1.6	2.9	6.1	.6	.6	.3	.3				13.2	12.6
WNW			1.6	1.3		.6						3.5	13.5
NW	1.3		1.3	1.9	1.6							6.1	10.8
NNW	.3	1.3		1.6	.6	1.9						4.5	17.4
VARBL													
CALM												7.7	
	10.0	15.8	22.4	30.8	6.1	4.5	1.9	.3				100.3	9.9

TOTAL NUMBER OF OBSERVATIONS: 311

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

ALL
HOURS (L S T

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S T)

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S T

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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

CLASS: ALL WEATHER

HOURS (L S T): [illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.[illegible]	1.[illegible]	4.[illegible]	1.7	[illegible]	.[illegible]						12.[illegible]	.[illegible]
NNE	1.[illegible]	[illegible].[illegible]	1.[illegible]	1.7		.[illegible]						[illegible].[illegible]	.[illegible]1
NE	.[illegible]	1.[illegible]	3.[illegible]	.7								[illegible].[illegible]	7.8
ENE	.[illegible]	1.[illegible]	1.[illegible]	1.[illegible]								4.[illegible]	.[illegible]5
E	[illegible].[illegible]	1.[illegible]	.[illegible]	.[illegible]								[illegible].[illegible]	5.[illegible]
ESE			1.[illegible]	.[illegible]								1.[illegible]	.[illegible]
SE	.[illegible]	.[illegible]	.[illegible]									1.[illegible]	4.[illegible]
SSE	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	1.[illegible]								[illegible].[illegible]	[illegible].4
S	.[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]								[illegible].[illegible]	.1
SSW	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]3							[illegible].[illegible]	[illegible].[illegible]
SW	1.[illegible]	1.[illegible]	3.[illegible]	[illegible].3	1.[illegible]	1.[illegible]	.[illegible]2					14.[illegible]	12.[illegible]
WSW	.[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].3	.[illegible]						17.[illegible]	11.[illegible]
W	.[illegible]	[illegible].[illegible]	4.[illegible]	1.[illegible]	.[illegible]							[illegible].[illegible]	[illegible].[illegible]
WNW	.[illegible]		.[illegible]									1.[illegible]	.[illegible]
NW			.[illegible]									.[illegible]	[illegible].[illegible]
NNW			1.[illegible]	.[illegible]								1.[illegible]	1[illegible].[illegible]
VARBL													
CALM												.[illegible]	
	.[illegible]	[illegible].[illegible]	[illegible].	21.[illegible]	[illegible].[illegible]	[illegible].[illegible]	.[illegible]					1[illegible].[illegible]	.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS LL WEATHER

CONDITION _____

HOURS (L S T) _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.	2.	5.	1.1							10.1	11.2
NNE	.7	.7	2.3	1.3	.3	.7						5.7	10.1
NE		1.7	2.	3.0								7.7	10.6
ENE	1.1	2.7	2.7	1.3	.3							8.	9.
E	.7	2.7	1.7	1.7								7.	7.4
ESE	.7	.7	.7	.3								2.	7.5
SE		1.	.7	.3	.3							2.7	8.5
SSE	.7	.3	1.7	.7								2.7	8.8
S		1.	4.7	3.	.7							5.7	10.4
SSW		.7	.7	.7								2.	7.2
SW	.7	1.	.7	4.7	2.	.7	.3					9.7	14.5
WSW	1.	1.	1.7	5.7	3.	2.7						15.7	14.0
W	1.	1.	4.3	7.7	1.0	.7						15.7	11.4
WNW		.3										.7	5.0
NW		.3	.7	.3								1.	5.7
NNW		.7	.7	.7								1.7	5.3
VARBL													
CALM												.7	
	5.	1.	24.3	38.0	9.7	3.7	.3					100.	10.5

TOTAL NUMBER OF OBSERVATIONS 300

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	.7	1.7	2.7	4.3	.7							9.7	10.6
NNE		.7	2.7	2.3	.7	.7						6.7	11.7
NE		1.7	1.7	2.3								4.7	9.7
ENE		2.7	3.7	2.3	1.7							9.7	9.9
E	.7	4.7	2.7	.7								8.7	7.4
ESE	.7	1.3	.7									2.7	5.4
SE	.7	.7	.7	.7			.7					2.7	12.5
SSE	.7	.3	2.	1.7	.3							4.	9.8
S		.7	2.7	4.7	.7	.7						9.7	11.7
SSW			.7	2.7	.7							3.7	12.6
SW	.7	1.7	1.7	2.7	3.3	2.7	.3					10.7	1 .7
WSW	.7	.3	1.7	4.7	2.3	.7	.3					11.7	14.3
W		.7	2.	2.3	2.7	.7						12.7	13.5
WNW		.7	1.7	.7								2.3	.3
NW	.7											.7	2.3
NNW			1.	1.7	.3	.7						3.	14.4
VARBL													
CALM												1.7	
	2.7	14.7	26.7	37.7	11.7	4.7	1.3					100.7	11.6

TOTAL NUMBER OF OBSERVATIONS 300

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] 4	[illegible], AK	[illegible]	JUN

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].3	[illegible].[illegible]	1.[illegible]							11.[illegible]	13.[illegible]
NNE		.[illegible]	1.[illegible]	2.3		.[illegible]						4.[illegible]	11.[illegible]
NE		1.[illegible]	4.[illegible]	3.7	.7							9.[illegible]	10.7
ENE	.[illegible]	2.[illegible]	3.[illegible]	.[illegible]								7.[illegible]	7.1
E	.3	2.[illegible]	2.[illegible]	1.3								7.[illegible]	7.3
ESE	.[illegible]	1.[illegible]	.[illegible]									2.[illegible]	[illegible]
SE		1.[illegible]	1.3	1.[illegible]								3.3	
SSE		.[illegible]	2.[illegible]	1.[illegible]	.3	.[illegible]						5.3	
S			4.[illegible]	3.3	.[illegible]							8.3	
SSW		.[illegible]	.[illegible]	1.[illegible]		.[illegible]						2.3	
SW			.[illegible]	4.[illegible]	2.[illegible]	1.[illegible]	.3					9.[illegible]	1[illegible].[illegible]
WSW	.[illegible]		1.[illegible]	[illegible].[illegible]	3.7	1.[illegible]						13.7	15.2
W		1.[illegible]	2.[illegible]	5.7	3.7		.[illegible]					11.7	13.5
WNW		.[illegible]	.[illegible]	.[illegible]								1.3	[illegible].5
NW		.[illegible]	.3	.[illegible]								1.[illegible]	[illegible].3
NNW		.[illegible]	.[illegible]	.7	.7							2.[illegible]	13.[illegible]
VARBL													
CALM												.[illegible]	
	.[illegible]	17.[illegible]	2[illegible].3	41.[illegible]	11.3	3.[illegible]	.[illegible]					1[illegible].[illegible]	11.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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

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	.7	1.7	2.0	5.4								10.2	10.2
NNE	.7	1.7	4.0	1.7	.7	.7						9.5	9.5
NE		.7	2.0	1.4								3.9	8.9
ENE	1.0	1.0	1.4	1.3	.7	.7						6.1	6.7
E	1.4	1.7	2.0									5.1	5.7
ESE	.7	1.4	.7									2.8	5.5
SE		1.0	1.4	.7								3.1	6.8
SSE		.7	1.4	2.0		.7						4.8	9.8
S		1.4	4.7	4.7	1.7							10.7	11.1
SSW	.7		.7	1.4	.7							2.7	11.3
SW	.7	.7	2.0	3.4	1.4	.7	.3					10.1	14.6
WSW		.7	3.4	4.7	1.7	1.7						11.6	12.4
W		1.4	4.0	5.4	1.7	1.7						13.1	13.1
WNW		.7	.7									1.4	7.7
NW					.7							.7	13.0
NNW	.7		1.0	1.7								3.4	10.6
VARBL													
CALM												.7	
	4.7	14.4	36.1	31.4	7.0	4.7	.3					100.	12.9

TOTAL NUMBER OF OBSERVATIONS 299

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], AR	73-82	JUN

CLASS: ALL WEATHER

CONDITION:

HOURS (L S T): 22

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							12.[illegible]	7.[illegible]
NNE	1.[illegible]	3.[illegible]	1.7	1.[illegible]	.3	.3						8.[illegible]	5.[illegible]
NE	.[illegible]	1.3	1.[illegible]	1.7	.3							5.[illegible]	7.2
ENE	.7	.7	1.[illegible]	.3	.3							3.[illegible]	7.1
E	1.[illegible]	.3	.7									1.7	4.4
ESE	[illegible]	.[illegible]										.3	5.[illegible]
SE		.7	.7									1.[illegible]	7.3
SSE	.[illegible]	[illegible].[illegible]	2.[illegible]	1.[illegible]								6.[illegible]	7.4
S	[illegible]	[illegible].7	4.[illegible]	2.7	.3	.7						13.[illegible]	8.[illegible]
SSW	.[illegible]	1.[illegible]	2.[illegible]	1.[illegible]	.3							4.7	9.2
SW		[illegible].3	5.[illegible]	2.7	1.7	.7						12.[illegible]	10.[illegible]
WSW	.7	1.7	2.[illegible]	3.[illegible]	3.3	1.7						13.7	13.4
W	1.[illegible]	2.[illegible]	2.7	1.[illegible]		1.[illegible]						8.[illegible]	8.[illegible]
WNW				.7		.7						.7	13.5
NW	.7	.7	.7	.3								2.[illegible]	6.7
NNW	.[illegible]	1.[illegible]										1.[illegible]	5.[illegible]
VARBL													
CALM												6.7	
	11.[illegible]	2[illegible].[illegible]	26.3	12.3	7.0	3.7						1[illegible]0.[illegible]	8.5

TOTAL NUMBER OF OBSERVATIONS: [illegible]0

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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

[illegible] 4 | A[illegible], AK | [illegible] | [illegible]
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.[illegible]	1.[illegible]	[illegible].[illegible]	[illegible].[illegible]	.5	.[illegible]						[illegible].[illegible]	[illegible].[illegible]
NNE	.[illegible]	1.[illegible]	[illegible].[illegible]	1.6	.3	.4	.1					7.	[illegible].6
NE	.[illegible]	1.[illegible]	[illegible].[illegible]	[illegible].[illegible]	.1							5.[illegible]	[illegible].3
ENE	.[illegible]	1.[illegible]	1.7	1.[illegible]	.3	.1						[illegible].4	[illegible].3
E	.[illegible]	[illegible].[illegible]	1.4	.[illegible]								4.[illegible]	[illegible].6
ESE	.[illegible]	.[illegible]	.[illegible]	.1								1.[illegible]	[illegible].[illegible]
SE	.[illegible]	1.[illegible]	.[illegible]	.3	.1		.[illegible]					[illegible].[illegible]	7.4
SSE	.[illegible]	1.[illegible]	1.[illegible]	1.2	.1	.1						[illegible].1	[illegible].4
S	.[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].7	.5	.1						[illegible].1	[illegible].[illegible]
SSW	.[illegible]	.[illegible]	.[illegible]	1.1	.[illegible]	.[illegible]						[illegible].[illegible]	[illegible].6
SW	.[illegible]	1.[illegible]	[illegible].[illegible]	[illegible].5	[illegible].1	1.[illegible]	.3					[illegible].[illegible]	13.4
WSW	.[illegible]	1.[illegible]	[illegible].4	[illegible].[illegible]	[illegible].6	1.[illegible]	.1					[illegible].[illegible]	13.7
W	.[illegible]	1.[illegible]	[illegible].1	[illegible].[illegible]	1.[illegible]	.[illegible]	.[illegible]					[illegible].[illegible]	11.2
WNW	.[illegible]	.[illegible]	.[illegible]	.[illegible]		.[illegible]						1.[illegible]	.[illegible]
NW	.[illegible]	.1	.[illegible]	.1	.1							.[illegible]	[illegible].1
NNW	.[illegible]	.4	.7	.6	.1	.1						[illegible].	[illegible].9
VARBL													
CALM												4.	
	[illegible].[illegible]	1[illegible].[illegible]	2[illegible].[illegible]	2[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	.[illegible]					[illegible][illegible].[illegible]	[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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

CLASS: [illegible] | HOURS (L S T): [illegible]

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	•	1.[illegible]	•	1.[illegible]	1.[illegible]							[illegible]	[illegible]
NNE	1.[illegible]	[illegible]	1.[illegible]	•	.6							[illegible]	7.4
NE	1.[illegible]	•	1.[illegible]		.3							[illegible]	[illegible]
ENE	1.[illegible]	1.[illegible]	1.[illegible]									[illegible]	[illegible]
E	1.[illegible]	1.[illegible]		•								[illegible]	[illegible]
ESE	1.[illegible]	•	•	.6								[illegible]	[illegible]
SE		1.[illegible]	•									[illegible]	[illegible]
SSE	1.[illegible]	1.[illegible]	•	1.[illegible]								[illegible]	[illegible]
S	1.[illegible]	[illegible]	[illegible]	1.[illegible]	•							[illegible]	7.8
SSW	1.[illegible]	1.[illegible]	[illegible]	1.[illegible]	•							[illegible]	[illegible]
SW	1.[illegible]	1.[illegible]	1.[illegible]	[illegible]	1.3	•						[illegible]	[illegible]
WSW	1.[illegible]	3.[illegible]	[illegible]	5.[illegible]	1.[illegible]							[illegible]	[illegible]
W		[illegible]	[illegible]	4.[illegible]	1.[illegible]	•						[illegible]	[illegible]
WNW		•	1.[illegible]	•								[illegible]	[illegible]
NW			•	.6								[illegible]	[illegible]
NNW	1.[illegible]	1.[illegible]	•	.3		•						[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	[illegible]	21.[illegible]	20.3	[illegible]	1.[illegible]						[illegible]	7.8

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

ALL WEATHER
CLASS

HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.[illegible]	1.[illegible]	1.[illegible]	1.[illegible]	1.6							[illegible].[illegible]	[illegible].2
NNE	[illegible].[illegible]	2.[illegible]	2.[illegible]	1.[illegible]								[illegible].[illegible]	5.2
NE	1.[illegible]	1.[illegible]	.[illegible]	.[illegible]								3.[illegible]	4.[illegible]
ENE	1.[illegible]	.	.[illegible]	.[illegible]								[illegible].	[illegible].1
E	.[illegible]	.[illegible]	.[illegible]	.6								2.[illegible]	[illegible].[illegible]
ESE		1.[illegible]	.[illegible]									1.[illegible]	[illegible].[illegible]
SE	.[illegible]	1.[illegible]	.[illegible]	.6								3.[illegible]	6.[illegible]
SSE	1.[illegible]	1.[illegible]	1.[illegible]	1.[illegible]								4.5	7.[illegible]
S	1.[illegible]	2.[illegible]	2.[illegible]	.[illegible]								[illegible].[illegible]	6.4
SSW	1.	1.[illegible]	1.[illegible]	1.[illegible]	.6							[illegible].	[illegible].[illegible]
SW	1.[illegible]	1.[illegible]	1.[illegible]	[illegible].[illegible]	1.[illegible]	.[illegible]						10.[illegible]	12.[illegible]
WSW	1.[illegible]	1.[illegible]	2.[illegible]	[illegible].[illegible]	1.3	.6	.[illegible]					13.[illegible]	12.[illegible]
W	1.[illegible]	1.[illegible]	[illegible].[illegible]	2.[illegible]	2.6	.[illegible]						12.[illegible]	11.[illegible]
WNW		.[illegible]	.[illegible]	.[illegible]								1.[illegible]	[illegible].[illegible]
NW	.[illegible]	.[illegible]	.[illegible]	.3								[illegible].3	[illegible].1
NNW	1.[illegible]	.[illegible]				.[illegible]						1.[illegible]	[illegible].2
VARBL													
CALM												[illegible].[illegible]	
	17.[illegible]	[illegible].[illegible]	29.[illegible]	21.[illegible]	[illegible].1	1.[illegible]	.[illegible]					1[illegible].[illegible]	7.6

TOTAL NUMBER OF OBSERVATIONS [illegible]1[illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH: JUL

CLASS: LL WEATHER

CONDITION

HOURS (L S T)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.7	2.4	1.7	1.7							7.1	10.5
NNE	1.0	2.4	1.0	.4								4.8	6.7
NE	1.3	1.5		1.7								4.5	6.1
ENE	1.4	1.3	1.3	.3								4.3	5.1
E	.4	1.0	.4	.4	.7							3.0	5.1
ESE	1.0	.7	1.7									3.4	4.5
SE	1.0	1.0	1.0	.3								3.3	6.4
SSE	.7	1.0	1.0	1.0								3.8	7.8
S	.7	1.0	2.3	1.0	.7							5.8	8.1
SSW	1.0	1.7	2.7	1.7	.3							7.4	8.0
SW	.7	1.4	1.4	4.5	1.0	.4						9.7	12.4
WSW	.4	1.4	4.5	4.2	.6	.4	.3					12.4	10.9
W	1.0	1.0	2.3	5.5	1.4	1.3						15.4	12.5
WNW	.4		.7									1.1	3.7
NW													
NNW	.4	1.0	1.0	.4	.7							3.5	.5
VARBL													
CALM												7.4	
	14.2	17.7	25.1	22.4	5.8	2.4	.7					100.	.-

TOTAL NUMBER OF OBSERVATIONS 721

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S T

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T)

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL [illegible]
DEPARTMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS L.S.T.

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S T)

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH JUL

CLASS LL [illegible] ALL HOURS (L S T

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

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													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (LST) _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

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	.	1.	1.	1.	1.							1.	1
NNE	1.	.	.	.								3.	
NE	1.	1.	1.	.								4.	
ENE		.	1.	.								1.	
E		1.	.	.		.							
ESE	.	.	.									1.	
SE	.	1.	1.	1.	.							5.	
SSE	.	1.	1.	.	.							4.	1
S	.	2.	2.	1.								6.	
SSW	1.	1.	2.	1.	.		.					7.	1
SW	.	1.	4.	5.	.							11.	1
WSW	.	2.	4.	4.	2.	.						12.	11.
W	.	1.	3.	4.	1.	.	.					10.	11.
WNW		.	.	.	.							1.	12.
NW					.							.	1
NNW	.	.	1.	.	.	.						3.	1
VARBL													
CALM												.	
	.	1.	2.	2.	.	1.	.					1	

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T)

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS ALL WEATHER

HOURS (L.S.T.) _____

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	•		1.[illegible]	1.[illegible]	1.3							[illegible]	13.[illegible]
NNE	•	1.[illegible]	1.[illegible]	.[illegible]	.[illegible]							4.[illegible]	[illegible].9
NE	•	•	1.[illegible]	1.[illegible]								[illegible].[illegible]	[illegible].4
ENE	.[illegible]	[illegible].[illegible]	1.[illegible]	.[illegible]								[illegible].[illegible]	[illegible].[illegible]
E	1.[illegible]	2.[illegible]	1.[illegible]	.6	.3							[illegible].[illegible]	7.[illegible]
ESE	.[illegible]	.[illegible]	.[illegible]	.[illegible]								1.[illegible]	[illegible].[illegible]
SE		.[illegible]	.[illegible]	.[illegible]	.[illegible]							2.[illegible]	1 .[illegible]
SSE	1.[illegible]	.[illegible]	2.[illegible]	[illegible].[illegible]		.[illegible]						6.[illegible]	[illegible].9
S		.[illegible]	2.[illegible]	[illegible].[illegible]	1.[illegible]							7.[illegible]	12.1
SSW		•	1.[illegible]	1.[illegible]	.6	.[illegible]						4.[illegible]	1[illegible].[illegible]
SW			[illegible].[illegible]	4.[illegible]	2.6	1.[illegible]						11.[illegible]	14.[illegible]
WSW		1.[illegible]	4.[illegible]	[illegible].4	4.2	1.[illegible]	.6					.[illegible]	14.[illegible]
W		•	1.[illegible]	5.[illegible]	2.[illegible]	1.[illegible]						1[illegible].[illegible]	14.7
WNW			.[illegible]	.6								1.[illegible]	11.[illegible]
NW	•		.[illegible]		1.[illegible]							1.[illegible]	14.4
NNW				1.[illegible]								1.[illegible]	14.[illegible]
VARBL													
CALM												•	
	[illegible].[illegible]	14.[illegible]	2[illegible].[illegible]	3[illegible].[illegible]	14.[illegible]	4.[illegible]	.[illegible]					1[illegible].[illegible]	11.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]1

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

ALL WEATHER
CLASS

HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		•	1.	1.2	.6							3.	11.2
NNE	.2	2.4	1.5	1.6	.3							6.	10.2
NE	.2	1.8	1.4	1.2								4.	8.5
ENE	.4	1.	1.3		.2							3.	9.
E	1.1	2.3	1.9	.2								5.	8.
ESE	.2	1.4	.3	.2								2.	6.9
SE		.4	1.1	.3	.3							2.	9.3
SSE	.2	.3	2.3	1.6	.2							4.	9.3
S		1.1	2.3	2.3								5.	10.
SSW			1.	2.3	1.3		.6					5.	14.4
SW		1.2	1.7	5.3	1.2	1.3						12.	13.2
WSW		.4	5.2	5.2	2.	1.1						17.	14.1
W	.2	1.1	2.3	3.5	4.2	.6						14.	12.1
WNW			.2	.6								1.	12.2
NW		.4		.2	.6							1.	14.
NNW		1.2	1.2	.3	.6	.2						3.	11.1
VARBL													
CALM												.2	
	4.5	17.1	30.2	28.7	15.5	3.2	.6					100.	11.2

TOTAL NUMBER OF OBSERVATIONS 31

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S T)

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____

HOURS _____ L S T

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS L.S.T.

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

3

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS L.S.T. _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS L S T _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S T)

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

ALL WEATHER
CLASS

HOURS (L S T)

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

ALL WEATHER
CLASS _____ HOURS (L S T _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	A A[illegible], A[illegible]	77-[illegible]	[illegible]

CLASS: ALL WEATHER

CONDITION:

HOURS (L S T): ALL

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.	[illegible]	[illegible]	1.[illegible]	.[illegible]						1[illegible].	1[illegible].4
NNE	.[illegible]	1.[illegible]	1.[illegible]	1.[illegible]	.[illegible]	.[illegible]						[illegible].[illegible]	9.[illegible]
NE	.	1.1	1.[illegible]	.4	.[illegible]	.[illegible]						4.[illegible]	7.7
ENE	.4	1.1	1.[illegible]	.[illegible]	.1							[illegible].	[illegible].7
E	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.1	.[illegible]						2.1	[illegible].[illegible]
ESE	.[illegible]	.[illegible]	.[illegible]	.[illegible]								1.[illegible]	[illegible].[illegible]
SE	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.1	.[illegible]						1.[illegible]	7.[illegible]
SSE	.[illegible]	1.[illegible]	1.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]					[illegible].[illegible]	[illegible].7
S	.[illegible]	1.1	1.[illegible]	[illegible].[illegible]	1.[illegible]	.[illegible]	.[illegible]	.[illegible]				7.[illegible]	11.[illegible]
SSW	.[illegible]	.[illegible]	1.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]				[illegible].[illegible]	11.[illegible]
SW	.	1.1	[illegible].1	[illegible].[illegible]	1.[illegible]	1.1	.4	.[illegible]				[illegible].[illegible]	13.[illegible]
WSW	.[illegible]	1.[illegible]	[illegible].[illegible]	4.[illegible]	1.[illegible]	1.[illegible]	.[illegible]	.[illegible]				12.[illegible]	12.1
W	.[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	1.[illegible]	.[illegible]	.[illegible]	.1				12.[illegible]	12.[illegible]
WNW	.[illegible]	.[illegible]	1.[illegible]	.[illegible]	.[illegible]	.1	.[illegible]	.1				[illegible].[illegible]	13.4
NW	.[illegible]	.[illegible]	1.[illegible]	1.[illegible]	.[illegible]	.[illegible]						[illegible].	11.[illegible]
NNW	.[illegible]	.[illegible]	1.[illegible]	[illegible].[illegible]	1.[illegible]	.[illegible]						[illegible].[illegible]	11.[illegible]
VARBL													
CALM												[illegible].[illegible]	
	.[illegible]	1[illegible].[illegible]	[illegible][illegible].[illegible]	[illegible][illegible].[illegible]	.[illegible]	[illegible].[illegible]	1.3	.[illegible]				1[illegible].[illegible]	1[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS

HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.	1.	1.	2.	.								
NNE	.	.	1.	1.	.	.							
NE	.		.	1.	.								
ENE		.		.	1.	.							
E			.	.	.								
ESE		.		.									
SE	.			.									
SSE	.	.	.	1.	.		.						
S	.	1.	1.	1.	1.	.							
SSW	.	.	.	1.	.	.	.	.					
SW	1.		.	1.	1.	1.	1.						
WSW	.	.	1.	.	1.	1.	.		.				
W	1.	.	2.	2.	1.	1.	.	.					
WNW	.	.	2.	1.	.	.		.					
NW	.	.	.	1.	1.								
NNW		1.	1.	2.	.		.						
VARBL													
CALM													
	10.	16.	17.	24.5	11.6	5.	3.5	1.	.3			1 .	1 .

TOTAL NUMBER OF OBSERVATIONS 1.

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS ALL WEATHER HOURS (LST)

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	•	•	1 •	•	1 •		•					•	•
NNE	1 •	1 •	1 •	1 •	1 •							6 •	1 •
NE			•	•	1 •							1 •	1 •
ENE		•	•	1 •	•							•	1 •
E	•		•	•		•						1 •	1 •
ESE			•	•								1 •	1 •
SE	•											•	•
SSE		1 •	1 •	•	•	•		•				3 •	1 •
S	1 •	1 •	1 •	1 •	•		•	•				•	1 •
SSW		•	1 •	•	•	•	•	•				•	1 •
SW	1 •	1 •	1 •	2 •	1 •	2 •	•	•				11 •	1 •
WSW	•	•	•	•	•	•					•	2 •	1 •
W	1 •	•	4 •	2 •	1 •	1 •						11 •	1 •
WNW	1 •	1 •	1 •	•	•	•						2 •	•
NW		1 •	2 •	•	•	•						•	1 •
NNW	•	•	1 •	2 •	1 •							•	1 •
VARBL													
CALM												14 •	
	•	14 •	22 •	10 •	11 •	5 •	1 •	1 •			•	100 •	1 •

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T)

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____ L.S.T.

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____ LST

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____ S.T.

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

3

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS L.S.T.

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

3

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S T)

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S T)

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS ALL WEATHER

HOURS L S T

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

ALL WEATHER
CLASS

HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.	1.	2.	1.	1.	.	.						
NNE		1.	.	.	.	.	.	.					
NE			.	.				.				1.	
ENE		.	.	1.	.		.						
E		.	1.	.		.							11.
ESE						.						.	
SE	.		.	.	.	.							14.
SSE	.		.	1.	1.	.							
S	1.	1.	.	1.	.	.		.					
SSW	.	1.	.	1.	.	.	1.	.					17.1
SW		.	.	1.	.	.	.	.	.				
WSW	.	1.	.	.	.	.	.						
W	.	1.	.	.	.	1.	1.						
WNW		.	1.	1.	1.	.							
NW		.	.	.	.								
NNW			1.	1.	1.	.							
VARBL													
CALM												1.	
	.	1.	.	25.	17.	12.	5.	.	.				14.

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T)

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS L S T

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T)

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS L S T

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____

CONDITION _____

HOURS _____ S T

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE NC

SURFACE WINDS

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

STATION STATION NAME YEARS MONTH

CLASS HOURS L.S.T.

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS _____ S.T.

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS L.S.T.

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

3

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS L S T

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L S T _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

CLASS | HOURS (L S T

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

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

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

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

CLASS: ALL WEATHER

CONDITION:

HOURS (L S T): ALL

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]
NNE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
NE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]
ENE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]
E	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]
ESE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]
SE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]		[illegible]	[illegible]
SSE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]		[illegible]	[illegible]
S	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
SSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
SW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]
WSW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]
W	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
WNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
NW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]
NNW	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]				[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	14.7	27.1	27.1	11.6	6.7	2.4	[illegible]	.1	[illegible]	[illegible]	[illegible]	11.4

TOTAL NUMBER OF OBSERVATIONS [illegible]1172

SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

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

STATION | STATION NAME | YEARS | MONTH

INSTRUMENT
CLASS

CEILING TO 1400 FT AND/OR VSBY 1/2 MI OR MORE,
CONDITION

AND/OR VSBY 1/2 TO 2-1/2 MI AND/OR CEILING 500 FT OR MORE

ALL
HOURS (L S T)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	•	1.3	2.1	2.[illegible]	1.4	•	.4	•				[illegible]	12.[illegible]
NNE	•	1.7	2.[illegible]	1.[illegible]	.[illegible]	.7	.4	.2	•			[illegible]	12.4
NE	•	1.[illegible]	1.[illegible]	1.[illegible]	.[illegible]	.[illegible]	.[illegible]	.1				[illegible]	12.[illegible]
ENE	•	1.[illegible]	1.[illegible]	1.[illegible]	.[illegible]	.[illegible]	.2	.1	•			[illegible]	12.[illegible]
E	.[illegible]	1.[illegible]	.[illegible]	1.6	.[illegible]	.4	.2	.1				[illegible]	11.[illegible]
ESE	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.2	.[illegible]	.1	.[illegible]				[illegible]	11.1
SE	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.4	.[illegible]	.1	.[illegible]		.[illegible]		3.[illegible]	12.[illegible]
SSE	.[illegible]	.[illegible]	1.[illegible]	1.4	.[illegible]	.[illegible]	.[illegible]	.1				[illegible]	12.1
S	.[illegible]	1.[illegible]	1.[illegible]	2.1	.[illegible]	.[illegible]	.3	.2	.[illegible]	.[illegible]		7.[illegible]	13.[illegible]
SSW	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.6	.[illegible]	.2	.1	.[illegible]	.[illegible]		3.[illegible]	14.[illegible]
SW	.[illegible]	.[illegible]	1.[illegible]	[illegible]	1.[illegible]	1.1	.4	.2	.1	.[illegible]		9.1	1[illegible].1
WSW	.[illegible]	1.[illegible]	2.[illegible]	[illegible]	2.4	1.[illegible]	.[illegible]	.1	.[illegible]		•	13.[illegible]	1[illegible].[illegible]
W	.[illegible]	1.[illegible]	2.1	2.[illegible]	1.[illegible]	1.[illegible]	.[illegible]	.1		.[illegible]	.[illegible]	[illegible].1	14.[illegible]
WNW	.[illegible]	.[illegible]	.[illegible]	.4	.4	.[illegible]	.1	.[illegible]	.[illegible]		.[illegible]	2.[illegible]	14.[illegible]
NW	.1	.[illegible]	.[illegible]	.4	.[illegible]	.[illegible]	.1	.[illegible]				1.[illegible]	14.7
NNW	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.4	.1					.[illegible]	14.[illegible]
VARBL													
CALM												4.[illegible]	
	.[illegible]	17.[illegible]	25.[illegible]	27.8	13.6	[illegible].[illegible]	7.[illegible]	1.3	.2	.1	•	1[illegible].[illegible]	1[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SMOS

CEILING-VISIBILITY

Wood, Federal Building

Asheville, N. C.

PART D CEILING VERSUS VISIBILITY

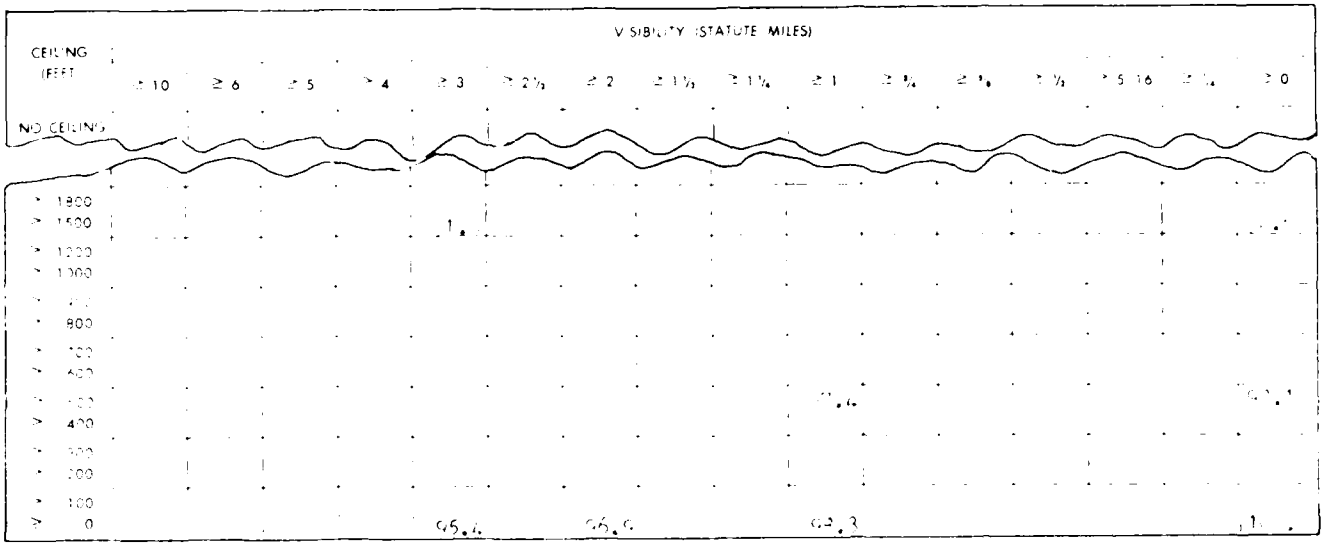
This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and in a separate class "no ceiling", versus visibility in 20 classes from zero to equal to or greater than 10 miles. Data are derived from 3-hourly observations, and 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 can 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 with 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 1968 for Air Force stations and January 1969 for MeS 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



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 table is prepared from hourly observations and is a percentage frequency distribution of total sky cover at observations. It is presented in two tables as follows:

1. All months and annual - all years and all years combined.

2. Each month - for standard 3-hour groups.

Years: 1) Sky or total cloud cover was not reported at all stations until [illegible], some stations, variable, were manned for Air Force stations beginning in [illegible], but were not until [illegible] Navy stations until 1948 or 1949. Weather bureau stations recorded total cloud amount [illegible] Some stations began observing sometime in 1949, but few stations were put in late prior to 1949. The record will, of course, be limited to period of available data.

Years: 2) The number of punched cards used for this summary report [illegible] Sky cover observations have been converted to tenths prior to summarizing, and totals [illegible] the table. Prior to 1949, sky cover data were originally recorded in eighths. Sky cover is coded [illegible] as follows:

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

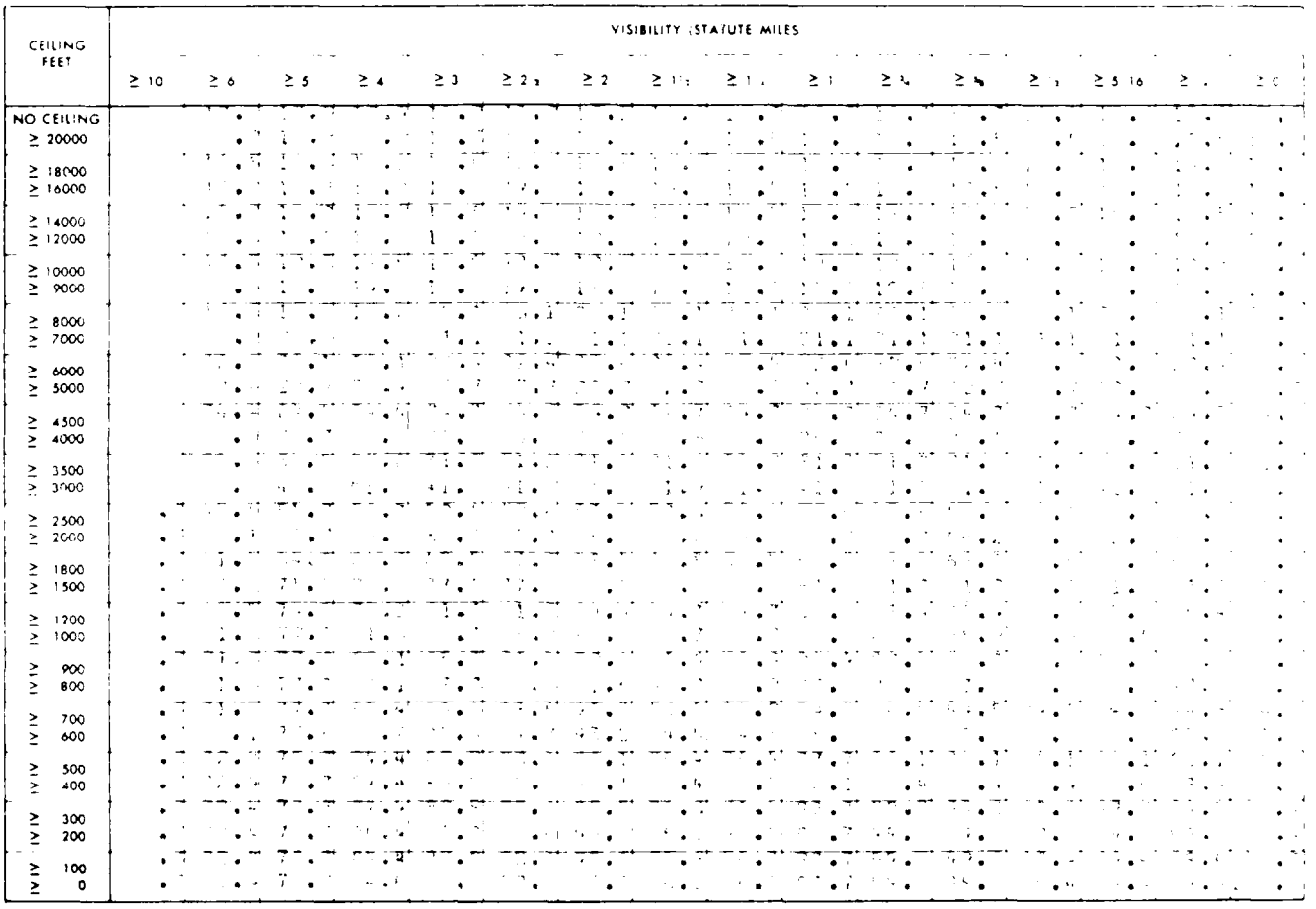
Years: 3) Beginning in 1951 the symbol of clear, scattered, broken, overcast, [illegible] are used for the total sky cover. Following are the values used:

Clear converted to 0-1
Scattered converted to 2-5
Broken converted to 6-9
Overcast converted to 10
Obscured converted to 10

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

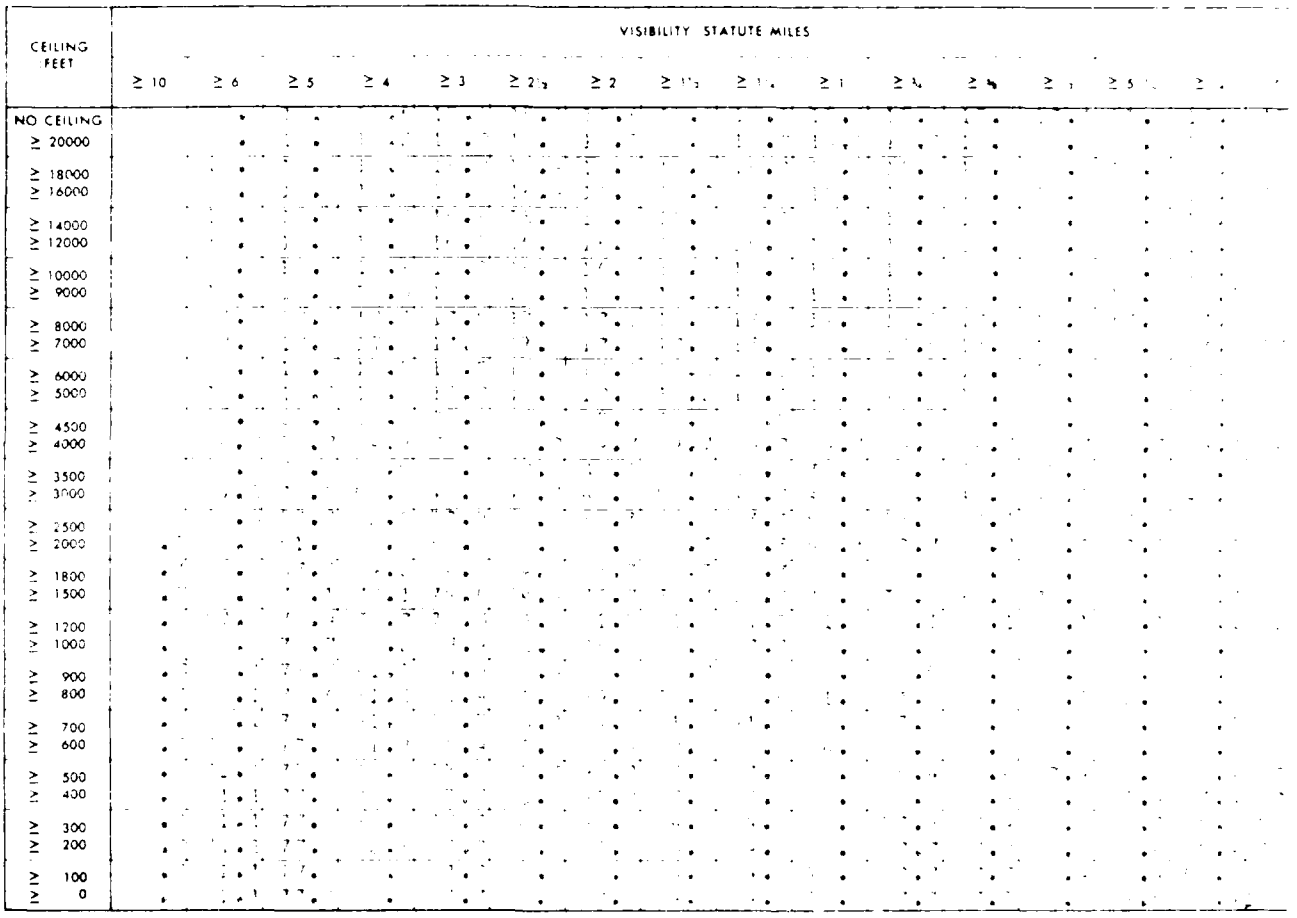


TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILIT

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)



TOTAL NUMBER OF OBSERVATIONS

CEILING VERS

STATION STATION NAME YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

HOURS L.S.T.

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

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																
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TOTAL NUMBER OF OBSERVATIONS _____

DIPGAVOCEANMET 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 SVOS

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
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≥ 20000																
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.) _____

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS _____

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																
≥ 20000																
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TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS 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

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

SUPERVISOR IN CHARGE

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	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
AVAV 18000																
AVAV 16000																
AVAV 14000																
AVAV 12000																
AVAV 10000																
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TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBI

STATION STATION NAME YEARS

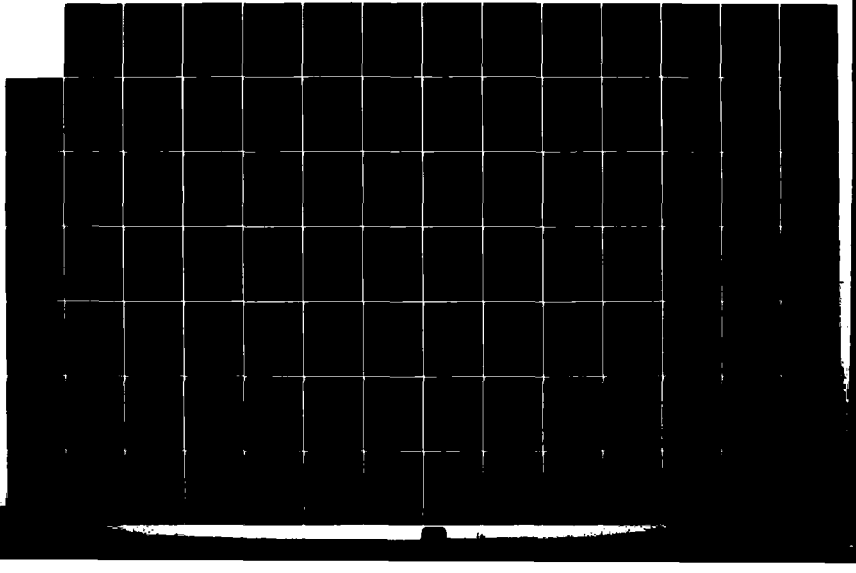
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

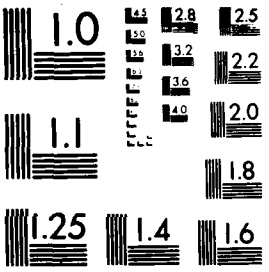
CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0
NO CEILING														
≥ 20000														
≥ 18000														
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TOTAL NUMBER OF OBSERVATIONS

AD-A150 376 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) ADAK ALASKA(U) NAVAL OCEANOGRAPHY COMMAND DETACHMENT ASHEVILLE NC AUG 84 1/1

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	.4	13.1	13.1	13.5	13.5	13.9	13.9	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
≥ 20000	.4	13.5	13.5	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8
≥ 18000	.4	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9
≥ 16000	.4	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9
≥ 14000	.4	14.9	14.9	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
≥ 12000	.4	14.9	14.9	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
≥ 10000	.4	15.3	15.3	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6
≥ 9000	.4	15.3	15.3	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6
≥ 8000	.4	16.0	16.0	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
≥ 7000	.4	17.0	17.0	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 6000	.4	17.7	17.7	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
≥ 5000	.4	18.1	18.1	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
≥ 4500	.4	18.9	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2
≥ 4000	.4	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
≥ 3500	.4	23.9	23.9	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
≥ 3000	.4	30.5	31.9	31.6	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
≥ 2500	.7	41.1	42.2	42.9	43.3	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 2000	.7	54.6	56.7	58.5	59.2	59.9	60.3	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 1800	.7	55.3	57.9	60.6	61.4	62.1	62.4	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 1500	.7	62.8	66.3	70.2	71.6	72.7	73.4	74.1	74.1	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 1200	.7	64.5	69.9	75.9	78.7	80.1	81.9	82.6	82.6	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1000	.7	67.7	73.4	81.2	86.2	87.9	90.8	91.8	91.8	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 900	.7	67.7	73.4	81.6	86.5	88.3	91.5	92.6	92.6	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 800	.7	67.7	73.4	81.6	86.5	88.3	91.8	92.9	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 700	.7	68.1	73.3	82.3	87.2	89.4	92.9	94.7	94.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 600	.7	68.1	73.3	82.3	87.2	89.7	93.3	95.0	95.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 500	.7	68.1	73.6	82.6	87.6	90.1	94.0	95.7	95.7	97.5	97.5	97.5	97.5	97.5	97.5	97.9
≥ 400	.7	68.1	73.8	82.6	87.6	90.1	94.0	95.7	95.7	97.5	97.9	97.9	97.9	97.9	97.9	98.2
≥ 300	.7	68.1	74.1	83.0	87.9	90.4	94.7	96.5	96.5	98.2	98.6	98.6	98.6	98.6	98.6	98.9
≥ 200	.7	68.1	74.1	83.0	87.9	90.4	94.7	96.5	96.5	98.2	98.6	98.6	98.6	98.6	98.9	99.7
≥ 100	.7	68.1	74.1	83.0	87.9	90.4	94.7	96.5	96.5	98.2	98.6	98.6	98.6	98.6	98.9	99.7
0	.7	68.1	74.1	83.0	87.9	90.4	94.7	96.5	96.5	98.2	98.6	98.6	98.6	98.6	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 282

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	ADAK, AK	73-82	FEB

HOURS (LST): 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	2.[illegible]	11.0	11.1	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2
≥ 20000	2.[illegible]	11.5	11.6	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
≥ 18000	2.[illegible]	12.5	12.6	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
≥ 16000	2.[illegible]	12.6	12.7	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8
≥ 14000	2.[illegible]	12.7	12.8	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
≥ 12000	2.[illegible]	12.9	13.0	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
≥ 10000	2.[illegible]	13.5	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
≥ 9000	2.[illegible]	13.6	13.7	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8
≥ 8000	3.[illegible]	14.4	14.5	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
≥ 7000	3.[illegible]	15.8	16.0	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 6000	3.[illegible]	16.3	16.5	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
≥ 5000	4.[illegible]	17.0	17.2	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3
≥ 4500	4.[illegible]	18.7	18.8	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
≥ 4000	4.[illegible]	21.0	21.2	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 3500	5.[illegible]	25.9	26.3	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
≥ 3000	6.[illegible]	34.4	35.1	35.7	35.8	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
≥ 2500	6.[illegible]	44.4	46.1	47.6	48.1	48.2	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 2000	7.1	56.7	59.4	62.2	63.1	63.5	63.9	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.2	64.2
≥ 1800	7.[illegible]	58.3	61.[illegible]	64.4	65.3	65.8	66.3	66.5	66.5	66.7	66.8	66.8	66.8	66.8	66.[illegible]	66.8
≥ 1500	7.[illegible]	64.4	69.2	73.9	75.9	77.0	78.0	78.7	78.8	79.1	79.2	79.2	79.3	79.3	79.3	79.3
≥ 1200	7.[illegible]	66.0	71.5	77.4	80.1	81.4	82.9	83.8	83.9	84.3	84.4	84.4	84.5	84.5	84.5	84.6
≥ 1000	7.[illegible]	67.8	73.7	80.6	84.1	85.8	88.0	89.4	89.5	90.3	90.5	90.5	90.6	90.6	90.7	90.7
≥ 900	7.[illegible]	67.9	73.9	80.8	84.5	86.2	88.6	90.2	90.[illegible]	91.2	91.4	91.4	91.5	91.5	91.6	91.6
≥ 800	7.[illegible]	68.0	74.2	81.3	85.3	87.2	89.8	91.5	91.6	92.7	93.0	93.0	93.3	93.3	93.3	93.3
≥ 700	7.[illegible]	68.3	74.5	81.8	86.2	88.0	90.7	92.5	92.6	93.9	94.2	94.2	94.5	94.5	94.5	94.5
≥ 600	7.[illegible]	68.4	74.7	82.0	86.6	88.5	91.2	93.1	93.2	94.6	95.0	95.0	95.3	95.3	95.3	95.3
≥ 500	7.[illegible]	68.4	74.8	82.2	87.0	88.9	91.8	93.9	94.0	96.0	96.5	96.5	96.9	97.0	97.1	97.1
≥ 400	7.[illegible]	68.4	74.8	82.2	87.1	89.1	92.0	94.2	94.4	96.4	97.0	97.0	97.5	97.7	97.7	97.8
≥ 300	7.[illegible]	68.4	74.8	82.3	87.2	89.1	92.2	94.5	94.6	96.8	97.6	97.6	98.2	98.3	98.5	98.6
≥ 200	7.[illegible]	68.4	74.8	82.3	87.2	89.1	92.2	94.5	94.6	96.9	97.7	97.8	98.5	98.6	98.9	99.1
≥ 100	7.[illegible]	68.4	74.8	82.3	87.2	89.1	92.2	94.5	94.6	96.9	97.7	97.8	98.9	98.9	99.3	99.6
0	7.[illegible]	68.4	74.8	82.3	87.2	89.1	92.2	94.5	94.6	96.9	97.7	97.8	98.8	98.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 2256

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION [illegible] | STATION NAME [illegible], A[illegible] | YEARS 73-82 | MONTH MAR

HOURS (L S T) 01

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥ 20000		10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
≥ 18000		11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9
≥ 16000		11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9
≥ 14000		11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9
≥ 12000		11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9
≥ 10000		11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9
≥ 9000		11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9
≥ 8000		12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
≥ 7000		13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2
≥ 6000		14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
≥ 5000		14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
≥ 4500		15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
≥ 4000		16.8	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
≥ 3500		19.7	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
≥ 3000		27.1	27.7	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
≥ 2500		38.4	41.0	41.9	41.9	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 2000		54.3	59.0	62.3	62.3	62.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 1800		55.5	60.7	63.9	64.2	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 1500		61.3	69.4	73.2	73.9	74.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 1200		63.2	71.0	79.4	80.7	81.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1000		64.5	72.9	81.0	83.6	84.8	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 900		65.2	73.6	81.9	85.2	86.5	90.0	90.3	90.3	90.3	90.3	90.3	90.7	90.7	90.7	90.7
≥ 800		65.5	73.9	83.2	86.8	88.1	91.9	92.9	92.9	92.9	92.9	92.9	93.2	93.2	93.2	93.2
≥ 700		65.8	74.5	84.8	88.7	90.0	94.2	95.2	95.2	95.2	95.2	95.2	95.5	95.5	95.5	95.5
≥ 600		65.8	75.2	85.5	89.4	90.7	95.5	96.5	96.5	96.5	96.5	96.5	96.8	96.8	96.8	96.8
≥ 500		66.1	75.5	86.1	90.0	91.3	96.5	97.4	97.4	97.7	98.1	98.1	98.7	98.7	98.7	98.7
≥ 400		66.1	75.5	86.1	90.0	91.3	96.8	97.7	97.7	98.1	98.4	98.4	99.0	99.0	99.0	99.0
≥ 300		66.1	75.5	86.1	90.0	91.3	96.8	97.7	97.7	98.1	98.4	98.4	99.0	99.0	99.0	99.0
≥ 200		66.1	75.5	86.1	90.0	91.3	96.8	97.7	97.7	98.1	98.4	98.4	99.4	99.4	99.4	99.7
≥ 100		66.5	75.8	86.5	90.3	91.6	97.1	98.1	98.1	98.4	98.7	98.7	99.7	99.7	99.7	100.0
0		66.5	75.8	86.5	90.3	91.6	97.1	98.1	98.1	98.4	98.7	98.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible], SC	73-82	MAR

HOURS (L S T) 04

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		11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
≥ 20000		12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
≥ 18000		13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥ 16000		13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9
≥ 14000		13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9
≥ 12000		13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9
≥ 10000		13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9
≥ 9000		14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
≥ 8000		14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
≥ 7000		15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
≥ 6000		16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
≥ 5000		17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 4500		17.7	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
≥ 4000		19.4	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	20.0	20.0	20.0	20.0	20.0	20.0
≥ 3500		22.9	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.6	23.6	23.6	23.6	23.6	23.6
≥ 3000		31.8	32.6	32.9	33.2	33.2	33.6	33.6	33.6	33.6	33.9	33.9	33.9	33.9	33.9	33.9
≥ 2500		43.9	46.9	47.1	47.4	47.4	47.7	47.7	47.7	47.7	48.1	48.1	48.1	48.1	48.1	48.1
≥ 2000		56.1	61.0	62.3	62.9	62.9	63.6	63.6	63.6	63.6	64.2	64.2	64.2	64.2	64.2	64.2
≥ 1800		57.7	61.6	64.2	64.8	64.8	65.5	65.5	65.5	65.5	66.1	66.1	66.1	66.1	66.1	66.1
≥ 1500		63.9	68.7	73.6	75.5	75.5	76.5	76.5	76.5	76.8	77.4	77.4	77.4	77.4	77.4	77.4
≥ 1200		65.5	71.0	77.7	80.0	80.0	81.3	81.3	81.9	81.6	82.3	82.3	82.3	82.3	82.3	82.3
≥ 1000		75.9	78.6	81.0	84.5	84.5	87.1	87.7	87.7	88.1	89.0	89.0	89.0	89.0	89.0	89.0
≥ 900		76.5	79.2	81.6	85.2	85.2	87.7	88.4	88.4	89.4	90.3	90.3	90.3	90.3	90.3	90.3
≥ 800		82.4	85.5	88.2	88.7	88.7	91.6	92.6	92.6	93.6	94.5	94.5	94.5	94.5	94.5	94.5
≥ 700		83.7	85.8	88.2	88.7	89.7	93.2	94.2	94.2	95.2	96.1	96.1	96.1	96.5	96.5	96.5
≥ 600		83.7	85.8	88.5	90.3	90.3	93.9	95.2	95.2	96.5	97.4	97.4	97.7	97.7	97.7	97.7
≥ 500		83.7	85.8	88.5	90.3	90.3	93.9	95.5	95.5	97.1	98.1	98.1	98.4	98.4	98.4	98.4
≥ 400		83.7	85.8	88.5	90.7	90.7	94.5	96.1	96.1	97.7	98.7	98.7	99.0	99.0	99.0	99.0
≥ 300		83.7	85.8	88.5	90.7	90.7	94.5	96.1	96.1	98.1	99.0	99.0	99.7	99.7	99.7	99.7
≥ 200		83.7	85.8	88.5	90.7	90.7	94.5	96.1	96.1	98.1	99.0	99.0	99.7	99.7	99.7	100.0
≥ 100		83.7	85.8	88.5	90.7	90.7	94.5	96.1	96.1	98.1	99.0	99.0	99.7	99.7	99.7	100.0
≥ 0		83.7	85.8	88.5	90.7	90.7	94.5	96.1	96.1	98.1	99.0	99.0	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 216

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
[illegible]	ADAK, AK	73-82	MAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T): 07

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	1.3	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
≥ 20000	1.6	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥ 18000	1.6	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
≥ 16000	1.6	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
≥ 14000	1.6	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
≥ 12000	1.6	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
≥ 10000	1.6	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 9000	1.6	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 8000	2.3	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
≥ 7000	3.2	11.9	11.9	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
≥ 6000	3.2	13.2	13.2	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥ 5000	3.2	14.2	14.2	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5
≥ 4500	3.6	15.2	15.2	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
≥ 4000	3.9	17.1	17.1	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 3500	4.7	24.2	24.5	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8
≥ 3000	5.2	34.3	36.1	36.5	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
≥ 2500	6.5	43.6	46.5	47.1	47.4	47.7	47.7	47.7	47.7	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 2000	7.1	55.8	60.7	61.9	63.6	63.9	64.5	64.5	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 1800	7.1	58.1	62.9	64.5	67.1	67.4	68.1	68.1	68.1	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 1500	7.1	63.9	71.7	73.2	76.5	76.8	77.7	78.7	78.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 1200	7.1	65.5	73.6	77.1	80.3	80.7	81.9	82.9	82.9	84.8	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1000	7.1	66.5	75.8	81.3	85.2	85.8	87.4	88.4	88.7	91.0	91.3	91.3	91.3	91.3	91.3	91.3
≥ 900	7.1	67.4	76.8	82.6	86.5	87.1	88.7	89.7	90.0	92.6	92.9	92.9	92.9	92.9	92.9	92.9
≥ 800	7.1	67.7	77.4	83.2	87.4	88.4	90.3	91.6	91.9	94.6	95.2	95.2	95.2	95.2	95.2	95.2
≥ 700	7.1	67.7	77.4	83.6	87.7	88.7	90.7	92.3	92.6	96.1	96.5	96.5	96.5	96.5	96.5	96.5
≥ 600	7.1	67.7	77.4	83.9	88.1	89.0	91.0	92.9	93.2	97.1	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	7.1	68.1	77.7	84.2	88.4	89.4	91.3	93.9	94.2	98.1	98.4	98.4	98.4	98.4	98.4	98.4
≥ 400	7.1	68.1	77.7	84.2	88.7	89.7	91.6	94.2	94.5	98.4	98.7	98.7	99.0	99.0	99.0	99.0
≥ 300	7.1	68.1	77.7	84.2	88.7	89.7	91.6	94.2	94.5	98.4	98.7	98.7	99.4	99.4	99.7	99.7
≥ 200	7.1	68.1	77.7	84.2	88.7	89.7	91.6	94.2	94.5	98.4	98.7	98.7	99.4	99.4	99.7	99.7
≥ 100	7.1	68.1	77.7	84.2	88.7	89.7	91.6	94.5	94.8	98.7	99.0	99.0	99.7	99.7	100.0	100.0
≥ 0	7.1	68.1	77.7	84.2	88.7	89.7	91.6	94.5	94.8	98.7	99.0	99.0	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION	STATION NAME	YEARS	MONTH
2574	ADAK, AK	73-82	MAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T) 10

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	3.4	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
≥ 20000	3.9	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
≥ 18000	4.5	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
≥ 16000	4.5	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
≥ 14000	4.5	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
≥ 12000	4.5	10.4	10.4	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
≥ 10000	4.9	10.7	10.7	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
≥ 9000	5.3	11.3	11.3	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
≥ 8000	5.3	12.3	12.0	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
≥ 7000	5.3	13.3	13.3	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥ 6000	5.8	13.9	13.9	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
≥ 5000	6.3	16.2	16.2	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
≥ 4500	6.8	17.2	17.2	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
≥ 4000	7.1	17.8	17.8	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
≥ 3500	7.8	24.3	24.3	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
≥ 3000	10.4	37.2	38.2	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
≥ 2500	11.3	46.3	48.9	49.5	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	50.2	50.2	50.2
≥ 2000	12.0	58.6	62.5	64.4	65.7	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.3	66.3	66.7
≥ 1800	12.3	61.5	66.3	68.6	69.9	69.9	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.9	70.9	71.2
≥ 1500	12.3	65.4	71.5	74.8	77.7	78.0	79.0	79.0	79.0	79.6	79.6	79.6	80.3	80.3	80.3	80.6
≥ 1200	12.3	67..	73.8	77.4	80.6	81.9	82.2	82.5	82.9	83.6	83.8	83.8	84.5	84.5	84.5	84.9
≥ 1000	12.3	67.3	75.1	79.0	82.9	83.8	86.1	86.4	86.7	88.0	88.0	88.0	88.7	88.7	88.7	89.0
≥ 900	12.3	68..	75.7	80.3	84.5	85.4	87.7	88.4	88.7	90.0	90.0	90.0	90.6	90.6	90.6	90.9
≥ 800	12.3	68.3	75.1	80.6	85.1	86.7	89.3	90.0	90.3	91.6	91.6	91.6	92.6	92.6	92.6	92.9
≥ 700	12.3	68.6	76.4	80.9	85.4	87.1	90.0	90.6	91.7	92.6	92.6	92.6	93.5	93.5	93.5	93.9
≥ 600	12.3	68.6	76.4	80.9	85.4	87.4	90.3	91.6	92.2	94.2	94.2	94.2	95.8	95.8	95.8	96.1
≥ 500	12.3	68.9	77.4	81.9	86.7	88.7	91.9	93.5	94.2	97.1	97.1	97.1	98.7	98.7	98.7	99.0
≥ 400	12.3	68.9	77.4	81.9	86.7	88.7	91.9	93.5	94.2	97.1	97.1	97.1	98.7	98.7	99.0	99.7
≥ 300	12.3	68.9	77.4	81.9	86.7	88.7	91.9	93.5	94.2	97.1	97.1	97.1	99.0	99.0	99.4	100.0
≥ 200	12.3	68.9	77.4	81.9	86.7	88.7	91.9	93.5	94.2	97.1	97.1	97.1	99.0	99.0	99.4	100.0
≥ 100	12.3	68.9	77.4	81.9	86.7	88.7	91.9	93.5	94.2	97.1	97.1	97.1	99.0	99.0	99.4	100.0
0	12.3	68.9	77.4	81.9	86.7	88.7	91.9	93.5	94.2	97.1	97.1	97.1	99.0	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 309

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION: [illegible] STATION NAME: [illegible] YEARS: 73-82 MONTH: MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T): 12

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	[illegible]	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
≥ 20000	[illegible]	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
≥ 18000	[illegible]	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
≥ 16000	[illegible]	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
≥ 14000	[illegible]	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
≥ 12000	[illegible]	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
≥ 10000	[illegible]	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥ 9000	[illegible]	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
≥ 8000	[illegible]	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
≥ 7000	[illegible]	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6
≥ 6000	[illegible]	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥ 5000	[illegible]	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5
≥ 4500	[illegible]	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥ 4000	[illegible]	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
≥ 3500	[illegible]	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6
≥ 3000	[illegible]	33.2	33.9	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
≥ 2500	[illegible]	47.4	49.0	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 2000	[illegible]	59.7	61.3	64.8	65.2	65.5	66.1	66.5	66.5	66.8	66.8	66.8	66.8	66.5	66.8	67.1
≥ 1800	[illegible]	62.3	65.2	69.7	70.7	71.0	71.6	71.9	71.9	72.3	72.3	72.3	72.3	72.3	72.3	72.6
≥ 1500	[illegible]	67.7	72.6	76.4	79.7	80.0	80.7	81.3	81.3	82.3	82.3	82.3	82.3	82.3	82.3	82.6
≥ 1200	[illegible]	68.1	73.2	79.4	81.3	82.3	83.2	83.9	83.9	85.2	85.2	85.2	85.2	85.2	85.2	85.5
≥ 1000	[illegible]	70.3	75.8	83.6	86.1	87.1	89.0	89.7	89.7	91.6	91.6	91.6	91.6	91.6	91.6	91.9
≥ 900	[illegible]	70.3	76.1	83.9	86.5	87.7	89.7	90.3	90.3	92.6	92.6	92.6	92.6	92.6	92.6	92.9
≥ 800	[illegible]	71.0	76.8	85.2	87.7	89.0	91.6	92.3	92.3	94.8	94.8	94.8	94.8	94.8	94.8	95.2
≥ 700	[illegible]	71.3	77.1	85.5	88.1	89.4	92.3	92.9	92.9	95.5	95.5	95.5	95.5	95.5	95.5	95.8
≥ 600	[illegible]	71.0	77.1	85.5	88.1	89.4	92.3	93.6	93.9	96.5	96.5	96.5	96.5	96.5	96.5	96.8
≥ 500	[illegible]	71.0	77.1	85.5	88.1	89.4	92.6	93.9	94.2	97.4	97.7	97.7	98.7	98.7	99.0	99.4
≥ 400	[illegible]	71.0	77.1	85.5	88.1	89.4	92.6	93.9	94.2	97.4	97.7	97.7	98.7	98.7	99.0	99.4
≥ 300	[illegible]	71.3	77.1	85.5	88.1	89.4	92.6	93.9	94.2	97.4	98.1	98.1	99.4	99.4	99.7	100.0
≥ 200	[illegible]	71.0	77.1	85.5	88.1	89.4	92.6	93.9	94.2	97.4	98.1	98.1	99.4	99.4	99.7	100.0
≥ 100	[illegible]	71.0	77.1	85.5	88.1	89.4	92.6	93.9	94.2	97.4	98.1	98.1	99.4	99.4	99.7	100.0
≥ 0	[illegible]	71.0	77.1	85.5	88.1	89.4	92.6	93.9	94.2	97.4	98.1	98.1	99.4	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 210

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

[illegible] STATION | ADAK, AK STATION NAME | 73-82 YEARS | MAR MONTH

16 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	[illegible]	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
≥ 20000	[illegible]	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
≥ 18000	4.5	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 16000	4.5	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 14000	4.5	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 12000	4.5	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.4	8.4	8.4	8.4	8.4	8.4	8.4
≥ 10000	4.5	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	9.0	9.0	9.0	9.0	9.0	9.0	9.0
≥ 9000	[illegible]	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.7	9.7	9.7	9.7	9.7	9.7	9.7
≥ 8000	6.1	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.7	10.7	10.7	10.7	10.7	10.7	10.7
≥ 7000	6.1	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	11.0	11.0	11.0	11.0	11.0	11.0	11.0
≥ 6000	6.5	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	12.3	12.3	12.3	12.3	12.3	12.3	12.3
≥ 5000	6.5	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.9	12.9	12.9	12.9	12.9	12.9	12.9
≥ 4500	7.1	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥ 4000	7.7	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.5	15.5	15.5	15.5	15.5	15.5	15.5
≥ 3500	9.4	20.0	20.3	20.7	20.7	20.7	20.7	20.7	20.7	21.0	21.0	21.0	21.0	21.0	21.0	21.0
≥ 3000	12.9	32.3	32.6	32.9	32.9	32.9	32.9	32.9	32.9	33.2	33.2	33.2	33.2	33.2	33.2	33.2
≥ 2500	15.2	46.1	46.5	47.4	47.4	47.7	47.7	47.7	47.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 2000	15.9	56.3	57.7	60.0	60.3	60.7	61.3	61.3	61.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 1800	15.9	60.7	62.3	65.2	65.8	66.1	66.8	66.8	66.8	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 1500	16.1	67.1	71.3	74.2	76.5	76.8	77.7	77.7	77.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 1200	16.1	66.7	71.9	76.8	79.7	80.3	81.6	82.3	82.3	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1000	16.1	70.7	74.5	81.3	84.8	86.5	86.1	89.0	89.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 900	16.1	71.5	75.2	82.3	85.6	87.7	89.4	91.0	91.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 800	16.1	72.3	76.1	83.2	86.3	88.7	90.3	91.9	91.9	93.2	93.2	93.6	93.6	93.6	93.6	93.6
≥ 700	16.1	72.6	76.5	83.9	87.4	89.4	91.0	92.6	92.6	93.9	93.9	94.2	94.2	94.2	94.2	94.2
≥ 600	16.1	72.6	76.5	84.2	87.7	89.7	91.9	93.9	93.9	95.5	95.5	95.8	95.8	95.8	95.8	95.8
≥ 500	16.1	72.6	76.5	84.2	87.7	89.7	91.9	93.9	93.9	95.5	95.8	96.1	96.1	97.1	97.1	97.1
≥ 400	16.1	72.6	76.5	84.2	87.7	89.7	91.9	93.9	93.9	95.8	96.1	96.5	97.4	97.7	97.7	97.7
≥ 300	16.1	72.6	76.5	84.2	87.7	89.7	91.9	93.9	93.9	96.5	96.8	97.1	98.7	99.0	99.0	99.0
≥ 200	16.1	72.6	76.5	84.2	87.7	89.7	91.9	93.9	93.9	96.5	96.8	97.1	98.7	99.4	99.4	99.7
≥ 100	16.1	72.6	76.5	84.2	87.7	89.7	91.9	93.9	93.9	96.8	97.1	97.4	99.0	99.7	99.7	100.0
≥ 0	16.1	72.6	76.5	84.2	87.7	89.7	91.9	93.9	93.9	96.8	97.1	97.4	99.0	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

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) 14

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	1.7	5.1	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
≥ 20000	1.7	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
≥ 18000	2.0	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
≥ 16000	2.4	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
≥ 14000	2.8	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
≥ 12000	3.1	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
≥ 10000	3.4	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
≥ 9000	3.4	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
≥ 8000	4.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
≥ 7000	5.0	14.8	14.8	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
≥ 6000	5.4	15.2	15.3	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
≥ 5000	6.1	15.8	15.8	16.1	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
≥ 4500	6.4	16.8	16.8	17.1	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
≥ 4000	7.1	18.7	18.7	19.0	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 3500	8.7	23.0	24.2	24.5	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
≥ 3000	11.0	32.1	33.2	33.9	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
≥ 2500	11.1	44.9	46.5	47.7	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 2000	12.1	52.1	53.3	57.4	58.7	59.0	59.0	59.4	59.4	59.7	60.0	60.0	60.0	60.0	60.0	60.7
≥ 1800	12.1	55.3	58.4	61.0	62.9	62.9	62.9	63.2	63.2	63.6	63.9	63.9	63.9	63.9	63.9	64.5
≥ 1500	12.1	61.1	66.1	71.6	74.2	74.8	76.1	76.5	76.5	77.4	77.7	77.7	77.7	77.7	77.7	78.4
≥ 1200	12.1	61.6	67.7	73.2	76.2	79.4	81.3	81.3	81.3	82.3	82.6	82.6	82.6	82.6	82.6	83.2
≥ 1000	12.1	62.3	69.4	73.1	80.9	83.6	86.1	86.1	86.1	86.4	86.7	86.7	86.7	86.7	86.7	86.7
≥ 900	12.1	62.3	69.4	73.4	83.2	83.9	86.5	87.4	87.4	89.4	89.7	89.7	89.7	89.7	89.7	89.7
≥ 800	12.1	63.3	70.3	79.7	84.5	85.8	88.7	89.0	89.0	91.9	92.3	92.3	92.3	92.3	92.3	92.9
≥ 700	13.2	63.9	70.7	80.3	85.2	86.5	89.4	89.7	89.7	92.6	92.9	92.9	92.9	92.9	92.9	94.5
≥ 600	13.2	63.9	70.7	80.7	85.5	86.8	90.0	91.6	91.9	93.2	94.2	94.2	95.2	95.2	95.2	95.8
≥ 500	13.2	63.9	70.7	80.7	86.1	87.4	91.0	92.6	92.9	95.8	96.1	96.1	97.4	97.4	97.4	98.1
≥ 400	13.2	63.9	70.7	81.7	86.5	87.7	91.3	92.9	93.2	96.5	96.8	96.8	98.4	98.4	98.4	99.0
≥ 300	13.2	63.9	70.7	80.7	86.5	87.7	91.3	92.9	93.2	96.5	96.8	96.8	98.4	98.4	98.4	99.0
≥ 200	13.2	63.9	70.7	80.7	86.5	87.7	91.3	92.9	93.2	96.5	96.8	97.1	98.7	98.7	98.7	99.0
≥ 100	13.2	63.9	70.7	80.7	86.5	87.7	91.3	92.9	93.2	96.5	96.8	97.1	98.7	98.7	99.0	100.0
0	13.2	63.9	70.7	80.7	86.5	87.7	91.3	92.9	93.2	96.5	96.8	97.1	98.7	98.7	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 310

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

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

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ⅛	≥ 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 [illegible]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	1.4	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
≥ 20000	1.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
≥ 18000	1.4	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
≥ 16000	1.4	9.7	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
≥ 14000	1.4	9.7	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
≥ 12000	1.4	10.1	10.2	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
≥ 10000	2.1	10.4	10.7	10.6	10.6	10.7	10.7	10.5	10.6	10.6	10.7	10.6	10.6	10.6	10.6	10.7
≥ 9000	2.1	10.7	10.7	10.6	10.6	10.7	10.7	10.6	10.6	10.6	10.7	10.6	10.6	10.6	10.6	10.7
≥ 8000	3.1	11.3	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.5	11.5	11.5	11.5	11.5	11.5	11.5
≥ 7000	3.1	12.1	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
≥ 6000	3.1	14.1	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
≥ 5000	3.1	14.9	15.0	15.1	15.1	15.1	15.1	15.1	15.1	15.2	15.2	15.2	15.2	15.2	15.2	15.2
≥ 4500	3.1	15.1	15.2	16.1	16.1	16.1	16.1	16.1	16.1	16.2	16.2	16.2	16.2	16.2	16.2	16.2
≥ 4000	3.4	17.6	17.7	17.9	17.9	17.9	17.9	17.9	17.9	18.0	18.0	18.0	18.0	18.0	18.0	18.0
≥ 3500	3.1	22.4	22.7	23.1	23.1	23.1	23.1	23.2	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
≥ 3000	3.1	33.4	33.1	33.4	33.6	33.6	33.6	33.6	33.6	33.7	33.7	33.7	33.7	33.7	33.7	33.7
≥ 2500	4.3	44.1	46.3	47.2	47.4	47.5	47.6	47.6	47.6	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 2000	4.9	56.2	59.4	61.8	62.6	62.7	63.1	63.2	63.2	63.5	63.7	63.7	63.7	63.7	63.7	63.8
≥ 1800	5.3	58.1	62.3	65.1	66.2	66.3	66.8	66.9	66.9	67.3	67.4	67.4	67.5	67.5	67.5	67.6
≥ 1500	7.1	62.4	69.7	74.2	75.4	76.7	77.7	77.9	77.9	78.7	78.9	78.9	79.0	79.0	79.0	79.1
≥ 1200	7.4	65.4	71.9	77.6	80.4	81.0	82.4	82.7	82.9	83.7	83.9	83.9	84.0	84.0	84.0	84.1
≥ 1000	7.4	66.4	73.9	81.1	84.7	85.4	87.8	88.4	88.5	89.7	89.9	89.9	90.1	90.1	90.1	90.2
≥ 900	7.4	67.1	74.4	81.9	85.6	86.5	88.8	89.6	89.6	91.0	91.3	91.3	91.5	91.5	91.5	91.7
≥ 800	7.4	67.3	74.7	83.1	87.2	88.3	90.9	91.9	91.9	93.4	93.7	93.8	94.1	94.1	94.1	94.2
≥ 700	7.4	68.1	75.8	83.8	88.1	89.1	91.9	92.9	93.1	94.7	94.9	95.0	95.3	95.3	95.3	95.5
≥ 600	7.4	68.1	75.9	84.1	88.3	89.4	92.5	93.6	94.1	95.6	96.2	96.3	96.7	96.7	96.7	96.9
≥ 500	7.4	68.3	75.9	84.4	88.7	89.9	93.1	94.6	94.9	97.1	97.5	97.5	97.8	97.8	97.8	98.0
≥ 400	7.4	68.3	75.9	84.4	88.8	89.9	93.2	94.8	95.1	97.3	97.7	97.8	98.0	98.0	98.0	98.2
≥ 300	7.4	68.3	75.9	84.4	88.8	89.9	93.2	94.9	95.2	97.5	98.0	98.1	98.2	98.2	98.2	98.4
≥ 200	7.4	68.3	75.9	84.4	88.8	89.9	93.2	94.9	95.2	97.5	98.0	98.1	98.2	98.3	98.4	98.6
≥ 100	7.4	68.3	75.9	84.4	88.8	89.9	93.3	94.9	95.1	97.7	98.1	98.2	98.3	98.4	98.5	100.0
0	7.4	68.3	75.9	84.4	88.8	89.9	93.3	94.9	95.1	97.7	98.1	98.2	98.3	98.4	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 2477

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																
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≥ 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	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
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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	≥ ½	≥ 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 320

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS (L S T) 10

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
≥ 20000	2.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
≥ 18000	2.7	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
≥ 16000	2.7	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
≥ 14000	2.7	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
≥ 12000	2.7	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
≥ 10000	2.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
≥ 9000	2.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
≥ 8000	3.0	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥ 7000	4.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
≥ 6000	5.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
≥ 5000	5.7	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
≥ 4500	7.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
≥ 4000	7.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
≥ 3500	11.0	23.7	24.0	24.3	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7
≥ 3000	12.7	29.3	30.3	30.3	31.0	31.3	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
≥ 2500	14.3	40.7	41.7	42.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 2000	15.7	55.0	57.7	60.0	61.3	61.3	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 1800	15.7	59.0	63.0	64.3	66.0	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 1500	16.7	66.3	72.3	77.7	77.7	78.0	78.7	78.7	78.7	78.7	79.0	79.0	79.0	79.3	79.0	79.0
≥ 1200	16.7	69.3	77.7	78.7	83.7	84.7	85.3	85.7	85.7	85.7	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1000	16.7	70.7	78.3	80.7	86.7	87.7	89.3	89.3	89.7	91.0	91.7	91.7	91.7	91.7	91.7	91.7
≥ 900	16.7	70.7	78.3	81.7	87.7	88.7	89.3	89.3	89.7	92.0	92.7	92.7	92.7	92.7	92.7	92.7
≥ 800	16.7	70.7	79.0	82.7	88.7	90.3	91.7	92.0	92.3	94.7	95.3	95.3	95.7	95.3	95.3	95.3
≥ 700	16.7	70.7	79.0	82.7	88.7	90.3	92.0	93.3	93.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 600	16.7	70.7	79.0	82.7	89.0	90.7	93.3	94.7	94.7	96.3	97.0	97.0	97.0	97.0	97.0	97.0
≥ 500	16.7	71.3	79.7	83.3	89.7	91.3	94.0	95.7	95.7	98.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	16.7	71.3	79.7	83.3	89.7	91.3	94.0	95.7	95.7	98.0	99.0	99.0	99.7	99.7	99.7	99.7
≥ 300	16.7	71.3	79.7	83.3	89.7	91.3	94.0	95.7	95.7	98.0	99.0	99.0	99.7	100.0	100.0	100.0
≥ 200	16.7	71.3	79.7	83.3	89.7	91.3	94.0	95.7	95.7	98.0	99.0	99.0	99.7	100.0	100.0	100.0
≥ 100	16.7	71.3	79.7	83.3	89.7	91.3	94.0	95.7	95.7	98.0	99.0	99.0	99.7	100.0	100.0	100.0
≥ 0	16.7	71.3	79.7	83.3	89.7	91.3	94.0	95.7	95.7	98.0	99.0	99.0	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 300

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS _____

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) 16

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	3.7	4.7	4.7	4.7	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
≥ 20000	3.7	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
≥ 18000	4.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥ 16000	4.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥ 14000	4.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥ 12000	4.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥ 10000	4.3	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
≥ 9000	4.3	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
≥ 8000	4.7	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥ 7000	5.3	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
≥ 6000	5.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
≥ 5000	5.7	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥ 4500	6.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
≥ 4000	7.7	13.7	13.7	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
≥ 3500	10.7	23.7	23.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7
≥ 3000	27.7	31.7	32.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
≥ 2500	35.7	42.0	44.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.3	46.3	46.3	46.3
≥ 2000	45.7	53.7	56.0	58.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.7	58.7	58.7	58.7
≥ 1800	50.7	57.3	59.7	64.0	64.3	64.3	64.7	64.7	64.7	64.7	64.7	64.7	65.0	65.0	65.0	65.0
≥ 1500	56.3	65.7	70.3	77.3	78.7	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.3	80.3	80.3	80.3
≥ 1200	59.3	67.3	73.0	80.3	82.7	83.7	83.7	83.7	83.7	84.0	84.0	84.0	84.3	84.3	84.3	84.3
≥ 1000	59.3	69.3	75.7	84.3	87.3	88.3	89.3	89.7	89.7	91.0	91.0	91.0	91.3	91.3	91.3	91.3
≥ 900	59.3	70.0	76.3	85.3	88.7	89.7	91.7	91.7	91.7	92.7	92.7	92.7	93.0	93.0	93.0	93.0
≥ 800	60.3	70.7	77.3	86.3	90.3	91.3	92.3	93.3	93.7	96.3	96.3	96.3	96.7	96.7	96.7	96.7
≥ 700	60.3	70.7	77.3	86.3	90.7	91.7	92.7	94.0	94.3	97.0	97.0	97.0	97.3	97.3	97.3	97.3
≥ 600	60.3	70.7	77.3	86.7	91.3	92.3	93.3	94.7	95.0	98.0	98.0	98.0	98.3	98.3	98.3	98.3
≥ 500	60.3	70.7	77.7	87.0	91.7	92.7	93.7	95.3	95.7	98.7	99.0	98.7	99.3	99.3	99.3	99.3
≥ 400	60.3	70.7	77.7	87.0	91.7	92.7	93.7	95.3	95.7	98.7	99.0	98.7	99.3	99.3	99.3	99.3
≥ 300	60.3	70.7	77.7	87.3	91.7	92.7	93.7	95.3	95.7	99.0	99.3	99.3	100.0	100.0	100.0	100.0
≥ 200	60.3	70.7	77.7	87.3	91.7	92.7	93.7	95.3	95.7	99.0	99.3	99.3	100.0	100.0	100.0	100.0
≥ 100	60.3	70.7	77.7	87.3	91.7	92.7	93.7	95.3	95.7	99.0	99.3	99.3	100.0	100.0	100.0	100.0
≥ 0	60.3	70.7	77.7	87.3	91.7	92.7	93.7	95.3	95.7	99.0	99.3	99.3	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 300

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | 73-90 YEARS | APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	2.7	3.7	3.7	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
≥ 20000	2.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
≥ 18000	4.3	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
≥ 16000	4.3	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
≥ 14000	4.3	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
≥ 12000	4.3	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
≥ 10000	4.3	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
≥ 9000	4.3	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
≥ 8000	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
≥ 7000	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
≥ 6000	9.3	9.7	9.7	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥ 5000	10.3	10.7	10.7	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
≥ 4500	9.7	11.3	11.3	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
≥ 4000	9.7	12.3	12.3	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
≥ 3500	19.7	21.3	22.0	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
≥ 3000	19.7	29.3	30.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
≥ 2500	19.7	41.0	42.3	43.7	43.7	44.0	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 2000	19.7	55.0	57.0	59.3	59.3	60.0	60.3	60.3	60.3	60.3	60.3	60.3	60.7	60.7	60.7	60.7
≥ 1800	19.7	58.0	60.7	63.0	63.3	64.0	64.3	64.3	64.3	64.3	64.3	64.3	64.7	64.7	64.7	64.7
≥ 1500	19.7	65.0	69.3	75.3	76.0	77.0	78.0	78.3	78.3	79.0	79.0	79.0	79.3	79.3	79.3	79.3
≥ 1200	19.7	66.7	71.3	79.7	80.0	81.3	82.7	83.0	83.0	84.0	84.0	84.0	84.3	84.3	84.3	84.3
≥ 1000	19.3	68.0	73.3	81.7	83.7	85.7	87.0	88.3	88.3	90.0	90.0	90.0	90.3	90.3	90.3	90.3
≥ 900	19.3	68.3	77.3	82.0	84.3	86.0	87.3	88.7	88.7	90.3	90.3	90.3	90.7	90.7	90.7	90.7
≥ 800	19.7	69.0	77.3	82.7	85.0	87.3	90.3	92.0	92.0	93.7	93.7	93.7	94.0	94.0	94.0	94.0
≥ 700	19.3	66.0	73.3	82.7	85.3	87.7	90.7	93.0	93.0	95.0	95.0	95.0	95.3	95.3	95.7	95.7
≥ 600	19.3	66.0	73.7	83.0	85.7	88.0	91.0	93.3	93.3	95.3	95.3	95.3	95.7	95.7	96.0	96.0
≥ 500	19.3	69.7	74.3	84.0	86.7	89.0	92.3	95.0	95.0	97.3	97.3	97.3	98.0	98.0	98.3	98.3
≥ 400	19.3	68.7	74.3	84.0	86.7	89.0	92.7	95.3	95.3	97.7	98.0	98.0	99.0	99.0	99.3	99.3
≥ 300	19.3	68.7	74.3	84.0	86.7	89.0	92.7	95.7	95.7	98.0	98.3	98.3	99.3	99.3	100.0	100.0
≥ 200	19.3	68.7	74.3	84.0	86.7	89.0	92.7	95.7	95.7	98.0	98.3	98.3	99.3	99.3	100.0	100.0
≥ 100	19.3	68.7	74.3	84.0	86.7	89.0	92.7	95.7	95.7	98.0	98.3	98.3	99.3	99.3	100.0	100.0
≥ 0	19.3	68.7	74.3	84.0	86.7	89.0	92.7	95.7	95.7	98.0	98.3	98.3	99.3	99.3	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 300

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) 12

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

TOTAL NUMBER OF OBSERVATIONS 300

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
≥ 8000																
≥ 7000																
≥ 6000																
≥ 5000																
≥ 4500																
≥ 4000																
≥ 3500																
≥ 3000																
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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 MAY

HOURS (L S T) 31

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		4.1	4.2	4.5	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
≥ 20000		4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
≥ 18000		4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
≥ 16000		4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
≥ 14000		4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
≥ 12000		5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
≥ 10000		5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
≥ 9000		5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
≥ 8000		5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
≥ 7000		6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
≥ 6000		6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
≥ 5000		6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
≥ 4500		8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
≥ 4000		9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
≥ 3500		15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
≥ 3000	0.7	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	27.6	27.6
≥ 2500	0.7	32.7	33.2	35.2	35.2	35.2	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 2000	0.7	47.8	51.7	53.9	54.5	54.5	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 1800	0.7	51.0	54.5	57.7	58.7	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 1500	0.7	64.7	68.4	73.2	75.2	75.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 1200	0.5	69.7	74.5	80.7	83.6	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1000	0.7	71.7	77.0	86.1	89.7	90.3	90.7	90.7	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 900	0.7	72.3	80.5	87.4	91.7	91.9	92.6	92.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 800	0.7	73.6	81.9	89.1	92.9	93.6	94.2	94.2	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 700	0.7	74.9	83.2	92.7	94.8	95.5	96.1	96.1	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 600	0.7	74.9	83.6	91.3	95.8	96.5	97.1	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	0.8	75.3	84.2	92.3	97.1	97.7	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	0.8	75.9	84.2	92.3	97.1	97.7	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	0.8	75.9	84.2	92.3	97.1	97.7	98.4	98.4	98.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7
≥ 200	0.8	75.9	84.2	92.3	97.1	98.1	99.0	99.0	99.0	99.7	99.7	99.7	100.0	100.0	100.0	100.0
≥ 100	0.8	75.9	84.2	92.3	97.1	98.1	99.0	99.0	99.0	99.7	99.7	99.7	100.0	100.0	100.0	100.0
≥ 0	0.8	75.9	84.2	92.3	97.1	98.1	99.0	99.0	99.0	99.7	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 31[illegible]

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST) 14

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
≥ 20000		3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
≥ 18000		3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
≥ 16000		3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
≥ 14000		3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
≥ 12000		3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
≥ 10000		3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
≥ 9000		3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
≥ 8000		3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
≥ 7000	.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
≥ 6000	.2	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
≥ 5000	.2	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
≥ 4500	.2	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
≥ 4000	.2	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
≥ 3500	.2	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
≥ 3000	1.7	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.6	21.6	21.6	21.6
≥ 2500	1.7	32.8	33.2	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	34.2	34.2	34.2	34.2
≥ 2000	2.3	48.1	50.3	51.6	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.3	52.3	52.3	52.3
≥ 1800	2.3	53.7	56.4	58.4	58.7	58.7	58.7	59.0	59.0	59.0	59.0	59.0	59.4	59.4	59.4	59.4
≥ 1500	2.3	64.1	69.4	72.3	73.9	73.9	73.9	74.2	74.2	74.5	74.5	74.5	74.8	74.8	74.8	74.8
≥ 1200	2.3	72.6	76.1	80.7	82.9	82.9	83.2	83.6	83.6	83.9	83.9	83.9	84.2	84.2	84.2	84.2
≥ 1000	2.3	72.9	76.8	85.6	88.1	88.1	88.7	89.4	89.4	89.7	89.7	89.7	90.0	90.0	90.0	90.0
≥ 900	2.3	73.2	81.1	86.8	89.3	89.3	89.7	90.3	90.3	90.7	90.7	90.7	91.0	91.0	91.0	91.0
≥ 800	2.3	74.5	81.6	86.4	91.7	90.7	91.3	91.9	91.9	92.3	92.3	92.3	92.6	92.6	92.6	92.6
≥ 700	2.3	76.1	84.2	91.3	93.6	93.6	94.2	94.8	94.8	95.2	95.2	95.2	95.5	95.5	95.5	95.5
≥ 600	2.3	76.5	85.2	92.3	94.5	94.5	95.2	96.1	96.1	96.5	96.5	96.5	96.8	96.8	96.8	96.8
≥ 500	2.3	76.9	85.5	92.6	95.2	95.2	95.8	97.1	97.1	97.4	97.4	97.4	97.7	97.7	97.7	97.7
≥ 400	2.3	76.9	85.5	92.9	95.5	95.5	97.1	98.4	98.4	98.7	98.7	98.7	99.0	99.0	99.0	99.0
≥ 300	2.3	76.9	85.8	93.2	95.8	95.8	97.4	98.7	98.7	99.0	99.0	99.0	99.4	99.4	99.4	99.4
≥ 200	2.3	76.9	85.8	93.2	95.8	95.8	97.4	98.7	98.7	99.0	99.0	99.0	99.4	99.4	99.4	99.4
≥ 100	2.3	76.9	85.8	93.2	95.8	95.8	97.4	98.7	98.7	99.4	99.4	99.4	99.7	99.7	99.7	99.7
0	2.3	76.9	85.8	93.2	95.8	95.8	97.4	98.7	98.7	99.4	99.4	99.4	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS _____ 216

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST) 1?

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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															
≥ 18000															
≥ 16000															
≥ 14000															
≥ 12000															
≥ 10000															
≥ 9000															
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≥ 4000															
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≥ 2500															
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≥ 1200															
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≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500															
≥ 400															
≥ 300															
≥ 200															
≥ 100															
0															

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

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

TOTAL NUMBER OF OBSERVATIONS _____

CNMWAVOCEANMET 5/80S

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.) 12

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	1.1	3.2	3.2	3.2	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
≥ 20000	1.1	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
≥ 18000	1.1	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥ 16000	1.1	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥ 14000	1.1	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥ 12000	1.1	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥ 10000	1.1	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥ 9000	1.1	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥ 8000	1.1	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥ 7000	1.1	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
≥ 6000	2.2	5.5	5.5	5.5	6.1	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
≥ 5000	2.2	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
≥ 4500	2.3	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
≥ 4000	9.3	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4
≥ 3500	9.3	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
≥ 3000	9.3	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
≥ 2500	12.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 2000	12.4	54.1	54.1	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 1800	12.4	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 1500	12.4	73.4	73.4	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 1200	12.4	87.1	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1000	12.4	91.3	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 900	12.4	93.6	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 800	12.4	95.3	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 700	12.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 600	12.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 500	12.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	12.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	12.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	12.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	12.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0	12.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 2219

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

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

ALL
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																
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TOTAL NUMBER OF OBSERVATIONS 2476

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	≥ ¼	≥ 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 J

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T) 24

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

TOTAL NUMBER OF OBSERVATIONS 744

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.) 7

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ⅛	≥ 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) 13

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	1.7	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
≥ 20000	1.7	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
≥ 18000	3.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
≥ 16000	3.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
≥ 14000	3.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
≥ 12000	3.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
≥ 10000	3.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
≥ 9000	3.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
≥ 8000	3.7	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
≥ 7000	3.7	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥ 6000	3.7	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥ 5000	4.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
≥ 4500	4.0	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥ 4000	4.0	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥ 3500	4.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
≥ 3000	4.7	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
≥ 2500	4.7	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
≥ 2000	33.7	33.7	33.7	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
≥ 1800	40.7	40.7	41.0	41.3	41.3	41.3	41.3	41.3	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥ 1500	57.7	57.7	60.7	62.7	63.3	63.3	63.7	63.7	63.7	64.0	64.0	64.0	64.0	64.0	64.0
≥ 1200	62.7	62.7	67.7	71.0	72.0	72.7	72.7	72.7	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 1000	77.7	81.3	77.0	92.7	84.7	85.3	85.7	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 900	77.7	72.7	78.7	84.7	86.7	87.7	88.0	88.7	89.0	89.3	89.3	89.3	89.3	89.3	89.3
≥ 800	78.3	74.7	80.0	87.0	89.3	90.7	91.0	91.0	91.0	91.3	91.3	91.3	91.3	91.3	91.3
≥ 700	78.7	75.3	81.7	88.7	91.0	92.3	93.3	93.7	93.0	93.7	93.7	93.7	93.7	93.7	93.7
≥ 600	78.7	76.7	82.3	91.3	94.0	95.7	96.3	96.3	96.3	97.0	97.0	97.0	97.0	97.0	97.0
≥ 500	78.7	76.7	83.7	91.7	94.7	96.0	97.0	97.3	97.3	98.0	98.0	98.0	98.0	98.0	98.0
≥ 400	78.7	76.7	83.7	92.0	94.7	97.0	98.0	98.3	98.7	99.0	99.0	99.0	99.0	99.0	99.0
≥ 300	78.7	76.7	83.7	92.0	94.7	97.0	98.3	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	78.7	76.7	83.3	92.3	94.7	97.0	98.3	98.7	98.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	78.7	76.7	83.3	92.3	94.7	97.3	98.3	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	78.7	76.7	83.3	92.3	94.7	97.3	98.3	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 336

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT AIRLIFT [illegible]

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L.S.T.) 1 <

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.) 19

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE NC

CEILING VERSUS VISIBILITY

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET SMOS

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	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
18000																
16000																
14000																
12000																
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TOTAL NUMBER OF OBSERVATIONS _____

DIPLAVOCEANNET 5605

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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≥ 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																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
≥ 9000																
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≥ 700																
≥ 600																
≥ 500																
≥ 400																
≥ 300																
≥ 200																
≥ 100																
≥ 0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L.S.T.) 1

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS _____ 316

DIRNAVOCEANMET 5MOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING															
≥ 20000															
≥ 18000															
≥ 16000															
≥ 14000															
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≥ 10000															
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≥ 400															
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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 | JUL MONTH

19 HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS 216

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¼	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
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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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≥ 200																
≥ 100																
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TOTAL NUMBER OF OBSERVATIONS _____ 2475

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

01
HOURS (LST)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

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

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

CEILING VERSUS VISIBILITY

NAVAL WEATHER SERVICE DETACHMENT, ACHIEVEMENT NO

STATION | STATION NAME | YEARS | MONTH | HOURS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

CEILING VERSUS VISIBILITY

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CNAVOCEANMET OMOS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

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

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	≥ ½	≥ ½	≥ 5/16	≥ 0
NO CEILING															
≥ 20000															
≥ 18000															
≥ 16000															
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET 3105

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L.S.T.)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

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

01
HOURS (LST)

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

DIRNAVOCEANMET 5MOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

1

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (LST) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (LST) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING															
≥ 20000															
≥ 18000															
≥ 16000															
≥ 14000															
≥ 12000															
≥ 10000															
≥ 9000															
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≥ 1200															
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≥ 900															
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≥ 700															
≥ 600															
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≥ 400															
≥ 300															
≥ 200															
≥ 100															
0															

TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (LST) _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ⅞	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS _____ L S T

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS _____ LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

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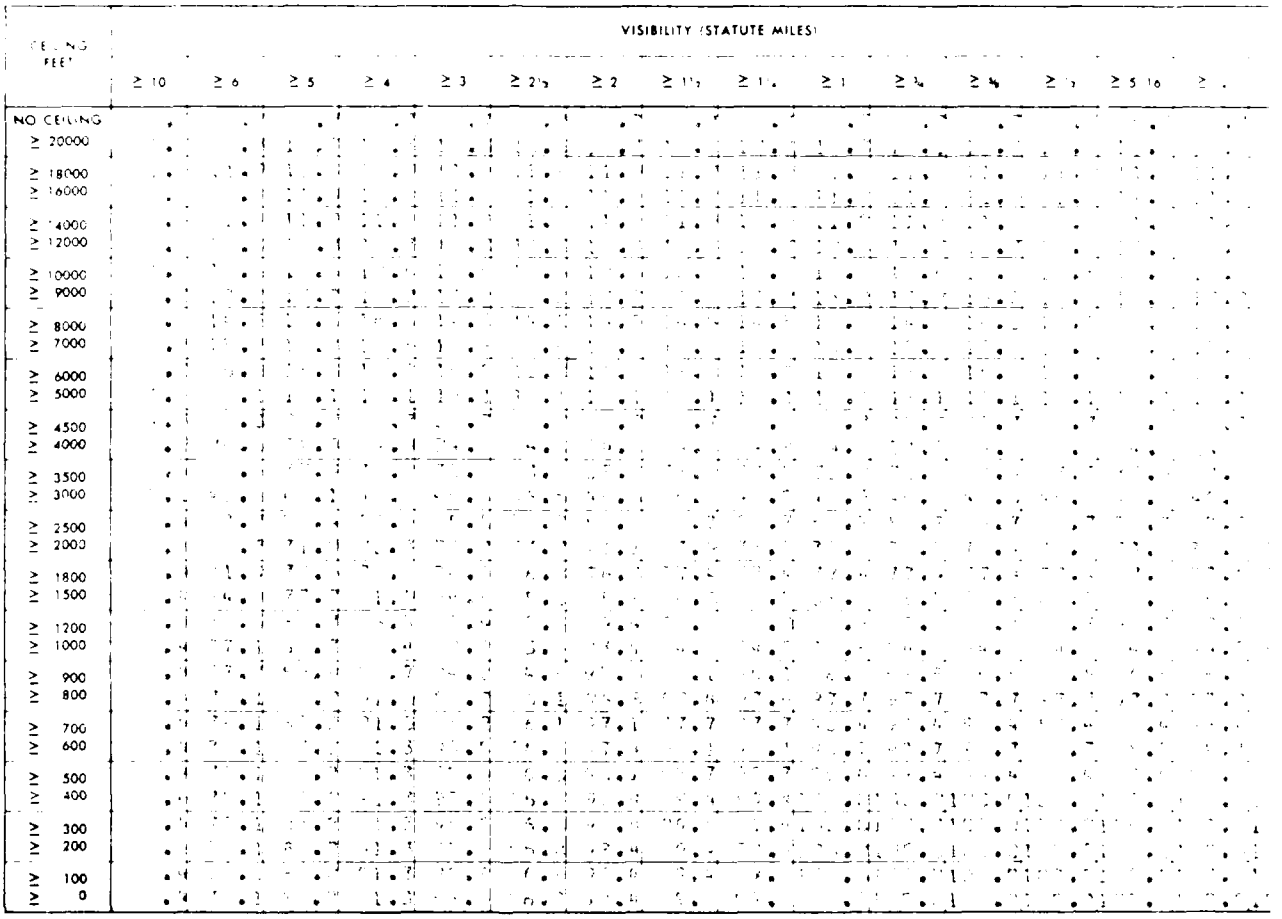
TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET 9450S

CEILING VERSUS VISIBILI

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)



TOTAL NUMBER OF OBSERVATIONS

DIRNAVOCEANCENT 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 6705/5

NAVAL WEATHER SERVICE DETACHMENT [illegible]

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET 5/MOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS L.S.T.

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS L S T _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
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TOTAL NUMBER OF OBSERVATIONS _____ 31

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

OCT

ALL

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
≥ 20000	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2
≥ 18000	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
≥ 16000	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8
≥ 14000	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
≥ 12000	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4
≥ 10000	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
≥ 9000	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
≥ 8000	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6
≥ 7000	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9
≥ 6000	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7
≥ 5000	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
≥ 4500	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
≥ 4000	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
≥ 3500	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
≥ 3000	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ 2500	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 2000	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 1800	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 1500	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 1200	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1000	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 900	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 800	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 700	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 600	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	97.8	97.8
≥ 500	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 400	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

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)

21
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ⅛	≥ 0
NO CEILING																
≥ 20000																
≥ 18000																
≥ 16000																
≥ 14000																
≥ 12000																
≥ 10000																
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0																

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS L.S.T.

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

TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET 3105/5

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																
≥ 20000																
≥ 18000																
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET 5105

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILIT

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	≥
NO CEILING															
≥ 20000															
≥ 18000															
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≥ 100															
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TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

STATION STATION NAME YEARS MONTH

HOURS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS (L S T)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS _____

DIPPA/OCEANNET 5/68

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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≥ 100																
0																

TOTAL NUMBER OF OBSERVATIONS _____

CNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT ASHEVILLE NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (L S T)

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

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)

17
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															
≥ 18000															
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS L S T

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 20000																
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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																
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10000																
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TOTAL NUMBER OF OBSERVATIONS _____

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE DETACHMENT, ASHEVILLE, NC

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

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, ST. ANNE, ILLE, QU

CEILING VERSUS VISIBILITY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS L.S.T.

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

NAVAVCEANMET SKOS

1
3

SKY COVER

STATION STATION NAME MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

NAVWEASERVCOM

SKY COVE

STATION STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

NAVWEASERVCOM

3

SKY COV

STATION STATION NAME

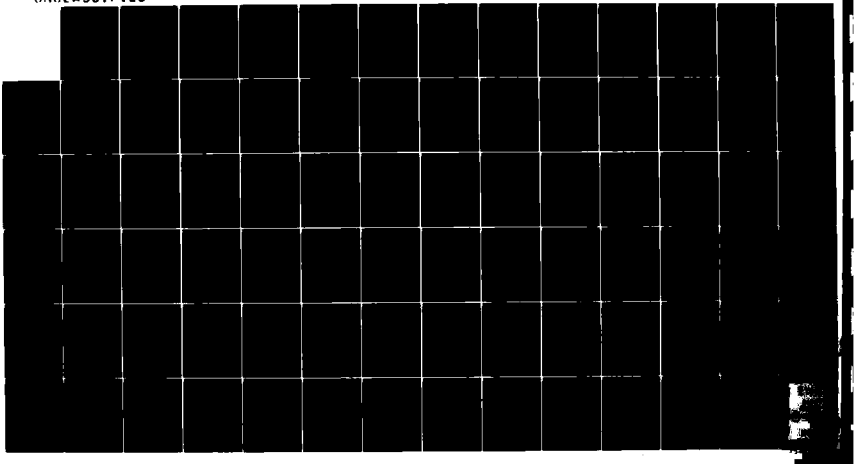
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

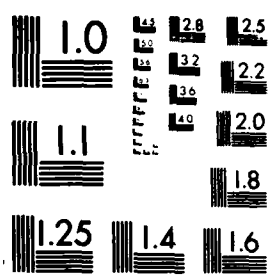
MONTH	HOURS L.S.T.	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TO NU
		0	1	2	3	4	5	6	7	8	9	10		
TOTALS														

NAVWEASERVCOM

AD-A150 876 SUMMARY OF METEOROLOGICAL OBSERVATIONS SURFACE (SMOS) 4/4
ADAK ALASKA(U) NAVAL OCEANOGRAPHY COMMAND DETACHMENT
ASHEVILLE NC AUG 84

UNCLASSIFIED F/G 4/2 NL





MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS 1963 A

3

SKY COVER

25704 | ADAK, AK | 73-82 | APR

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		
APR	01	1.0			6.0						25.3	67.7	9.2	300
	04	.7			5.3						22.7	71.3	9.3	300
	07	.7			3.3						31.7	64.3	9.4	300
	10				3.0						37.0	60.0	9.4	300
	13				2.3						35.3	62.3	9.5	300
	16				3.7						35.3	61.0	9.4	300
	19				2.0						39.0	59.0	9.5	300
	22	.7			6.0						26.7	66.7	9.2	300
TOTALS		.4			4.0						31.6	64.3	9.4	2400

NAVWEASERVCOM

3

SKY COVER

25704 ADAK, AK 73-82 MAY

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		
MAY	01	.3			4.2						18.7	76.8	9.5	310
	04				2.9						20.6	76.5	9.6	310
	07				3.2						26.1	70.6	9.5	310
	10				1.9						28.4	69.7	9.6	310
	13				1.9						30.3	67.7	9.6	310
	16				2.3						33.2	64.5	9.5	310
	19				2.9						31.3	65.8	9.5	310
	22				3.2						24.8	71.9	9.5	310
TOTALS		.1			2.8						26.7	70.4	9.5	2480

NAVWEASERVCOM



SKY COVER

25704 ADAK, AK 73-82 JUN

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		
JUN	01	.7			3.7						8.3	87.3	9.6	300
	04				1.7						10.7	87.7	9.8	300
	07				1.3						13.3	85.3	9.8	300
	10				2.3						18.0	79.7	9.7	300
	13				5.0						26.3	68.7	9.4	300
	16	.3			3.7						31.3	64.7	9.4	300
	19				4.0						22.0	74.0	9.5	300
	22	.3			1.3						12.7	85.7	9.7	300
TOTALS		.?			2.9						17.8	79.1	9.6	2400

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SKY COVER

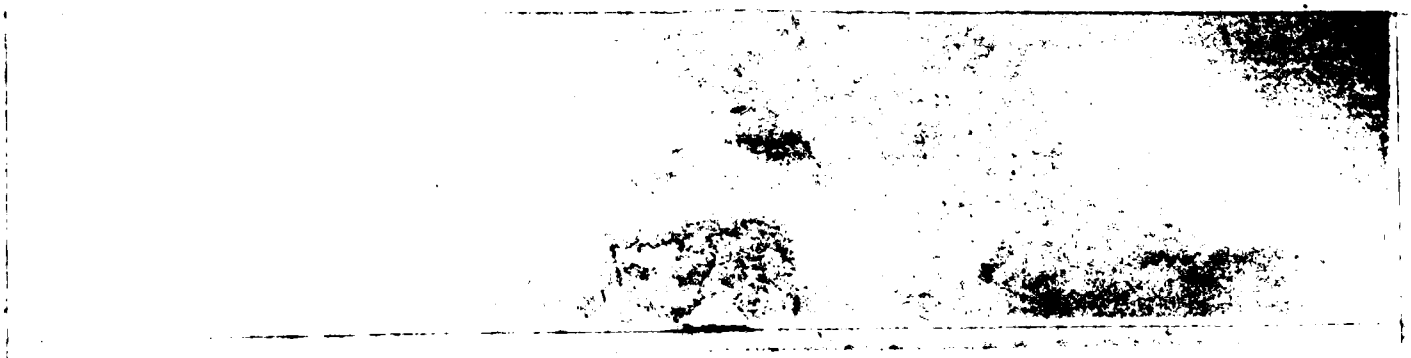
25704 | ADAK, AK | 73-92 | JUL

STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUL	01	1.0			3.5						9.4	86.1	9.6	310
	04	.3			2.9						11.3	85.5	9.7	310
	07				2.9						13.5	83.5	9.7	310
	10				3.9						20.6	75.5	9.5	310
	13				5.2						27.1	67.7	9.4	310
	16				4.8						27.4	67.7	9.4	310
	19	.3			2.6						22.9	74.2	9.6	310
	22	.6			2.3						14.2	82.9	9.6	310
TOTALS		.3			3.5						18.3	77.9	9.6	2480

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SKY COVER

25704	ADAK, AK	73-82	AUG
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
AUG	01	.6			3.9						10.0	85.5	9.6	310
	04	.3			3.2						11.9	84.5	9.6	310
	07				1.6						17.1	81.3	9.7	310
	10				4.5						19.7	75.8	9.5	310
	13				2.9						25.2	71.9	9.5	310
	16	.6			4.2						21.3	73.9	9.4	310
	19	.3			3.2						18.1	78.4	9.6	310
	22	.3			3.5						10.6	85.5	9.6	310
TOTALS		.3			3.4						16.7	79.6	9.6	2480

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SKY COVER

25704 ADAK, AK 73-82 SEP

STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
SEP	01	1.3			10.7						23.7	64.3	8.9	300
	04	1.7			11.0						22.0	65.3	8.8	300
	07				7.7						30.7	61.7	9.2	300
	10				5.3						31.7	63.0	9.3	300
	13				5.7						35.7	58.7	9.2	300
	16				7.3						37.3	55.3	9.1	300
	19				6.7						34.7	58.7	9.2	300
	22	1.3			9.0						25.7	64.0	9.0	300
TOTALS		.5			7.9						30.2	61.4	9.1	2400

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SKY COVER

25704 ADAK, AK 73-82 OCT

STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
OCT	01	.6			15.2						30.0	54.2	9.6	310
	04	1.6			15.2						25.5	57.7	8.5	310
	07				9.4						39.4	51.3	9.0	310
	10				7.7						39.0	53.2	9.1	310
	13				5.5						44.5	50.0	9.2	310
	16				6.1						45.2	48.7	9.1	310
	19				11.9						39.7	48.4	8.8	310
	22				11.9						35.5	52.6	8.8	310
TOTALS		.3			10.4						37.4	52.0	8.9	2480

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SKY COVER

25704 | ADAK, AK | 73-82 | NOV

STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
NOV	01	1.3			12.7						36.7	49.3	8.6	300
	04	1.0			16.7						31.0	51.3	8.4	300
	07	1.7			14.7						33.0	50.7	8.5	300
	10				7.3						47.7	45.0	9.0	300
	13				8.0						41.0	51.0	9.0	300
	16				7.3						41.0	51.7	9.1	300
	19	.3			12.0						35.3	52.3	8.8	300
	22	1.7			11.0						39.0	48.3	8.7	300
TOTALS		.3			11.2						38.1	50.0	8.8	2400

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SKY COVER

25704 ADAK, AK 73-82 DEC

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		
DEC	01	2.3			13.2						28.1	56.5	9.6	310
	04	1.6			12.3						29.7	56.5	9.7	310
	07	1.6			15.2						25.2	58.1	9.5	310
	10	.3			5.8						40.3	53.5	9.2	310
	13				6.8						37.2	56.0	9.2	309
	16				5.8						39.2	55.0	9.2	309
	19				12.3						30.7	57.0	9.8	309
	22	2.3			13.9						25.2	58.6	9.5	309
TOTALS		1.0			10.7						32.0	56.4	9.8	2476

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SKY COVER

2[illegible]4 ADAK, AK 73-82 ALL

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		
JAN	ALL	.[illegible]			11.4						30.0	57.8	[illegible].[illegible]	2476
FEB		.9			8.6						32.4	58.3	9.[illegible]	2256
MAR		.2			6.1						34.1	59.6	9.2	2480
APR		.4			4.[illegible]						31.6	64.0	9.4	2400
MAY		.[illegible]			2.8						26.7	70.4	9.[illegible]	2480
JUN		.2			2.9						17.8	79.1	[illegible].[illegible]	2400
JUL		.3			3.5						16.3	77.9	9.6	2480
AUG		.3			3.4						16.7	79.6	9.6	2480
SEP		.5			7.9						30.2	61.4	9.1	2400
OCT		.3			10.4						37.4	52.0	8.9	2480
NOV		.[illegible]			11.2						38.1	50.0	9.8	2400
DEC		1.0			10.7						32.0	56.4	[illegible].8	2476
TOTALS		.5			6.9						28.8	63.9	9.2	29208

NAVWEASERVCOM

PSYCHROMETRIC

NOCD, Federal Building
Asheville, N. C.

PART E PSYCHROMETRIC SUMMARIES

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

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

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

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

   a. Extreme maximum temperature
   b. Extreme minimum temperature

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

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

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

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

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

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

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

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

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

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

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

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

. 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

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

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

[illegible]

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥ 75								.1					.
≥ [illegible]							.[illegible]	1.1					.[illegible]
≥ [illegible]5					.1	.2	2.6	4.4	.2				.[illegible]
≥ [illegible]					.3	1.2	9.9	16.1	1.9	.2			[illegible]
≥ [illegible]5			.	.1	1.5	7.3	35.5	56.9	23.3	2.4	.7	.1	1[illegible]
≥ [illegible]	.	.2	.6	1.9	8.5	40.1	[illegible]4.[illegible]	97.1	50.6	23.5	3.7	.7	[illegible].7
≥ 4[illegible]	[illegible]	3.[illegible]	5.6	18.3	5[illegible].[illegible]	91.[illegible]	99.8	100.0	99.6	70.8	19.[illegible]	5.7	47.[illegible]
≥ [illegible]	26.[illegible]	23.3	45.1	73.5	96.1	1[illegible]0.0	100.0		100.0	[illegible]7.9	66.3	32.3	7[illegible].1
≥ 3[illegible]	75.3	72.6	98.5	97.2	99.9					100.0	96.4	8[illegible].2	9[illegible].6
≥ [illegible]	[illegible]6.6	76.[illegible]	99.1	100.0	100.0						100.0	99.1	99.[illegible]
≥ [illegible]	100.0	99.6	100.0									100.0	100.0
≥ [illegible]		100.0											100.0
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MEAN	[illegible]	36.	[illegible]	41.[illegible]	44.9	4[illegible]	53.7	55.6	[illegible]2.2	4[illegible].7	41.3	37.5	44.7
S.D.	4.1[illegible]	4.077	[illegible].9[illegible]7	3.[illegible]5	3.47[illegible]	3.728	4.3[illegible]5	4.289	3.243	3.71[illegible]	4.1[illegible]	3.992	7.569
TOTAL OBS.	[illegible]	9[illegible]0	1023	990	102[illegible]	990	1023	1023	990	992	975	1023	11964

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3

DAILY TEMPERATURES

[illegible] 4 — STATION | [illegible] AK — STATION NAME | [illegible] — YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

[illegible]INI[illegible] (MINIMUM)

TEMP (°F)	JAN.	FEB.	MAR	APR	MAY	JUN	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ANNUAL
≥ [illegible]5							[illegible]	2.2	.2				.3
≥ [illegible]						.3	7.4	19.3	3.[illegible]	.4			[illegible]
≥ 4[illegible]					.1	[illegible].2	49.1	79.7	45.4	6.	.7		1[illegible].1
≥ 4[illegible]	[illegible].3	.7	.[illegible]	2.9	17.0	73.1	95.2	97.9	87.8	41.6	7.	2.4	36.[illegible]
≥ [illegible]	[illegible]	12.1	17.5	35.5	76.0	98.2	99.8	99.8	98.5	83.7	4[illegible].[illegible]	19.3	5[illegible].6
≥ [illegible]	[illegible]	[illegible]1.2	[illegible]6.5	87.7	97.6	99.9	100.0	100.0	99.9	97.7	81.[illegible]	60.9	83.7
≥ [illegible]	7[illegible].9	78.3	89.1	98.4	99.9	100.0			100.0	99.9	95.2	84.9	93.9
≥ [illegible]	[illegible]3.6	91.7	97.6	100.0	100.0					100.0	98.5	95.6	98.[illegible]
≥ 1[illegible]	[illegible]8.1	[illegible]7.3	99.7								99.[illegible]	98.8	99.[illegible]
≥ [illegible]	[illegible].7	99.3	100.0								100.0	99.9	99.9
≥ [illegible]	99.9	99.9										100.0	100.0
≥	100.0	100.0											100.0
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MEAN	[illegible]	[illegible]	[illegible]	[illegible]	36.5	[illegible]	[illegible]	46.[illegible]	43.[illegible]	[illegible]	33.2	30.2	36.3
S. D.	6.1[illegible]6	[illegible]	4.5[illegible]7	[illegible].414	3.13[illegible]	2.64[illegible]	[illegible]	3.366	3.6[illegible]1	4.165	4.772	5.553	7.[illegible]53
TOTAL OBS.	[illegible]	[illegible]	1023	[illegible]	1023	[illegible]	1023	1023	99[illegible]	[illegible]	975	1[illegible]23	11[illegible]6[illegible]

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DAILY TEMPERATURES

STATION _____ STATION NAME _____ YEARS _____

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
≥													
≥							1.4	2.6	.1				.4
≥ 5						.1	3.4	16.4	1.9	.1			.2
≥					.7	5.7	41.	71.7	31.9	2.6	.6		1.1
≥ 4	.4	.1	.1	1.0	10.7	56.9	96.1	99.7	91.8	31.4	4.	.6	33.
≥ 5	1.2	5.3	8.8	26.7	69.1	99.0	100.0	100.0	99.8	82.3	29.4	1.4	57.8
≥ 3	45.3	38.9	58.2	84.7	99.2	100.0			100.0	99.1	79.4	50.4	7.9
≥ 30	80.3	79.8	91.2	99.4	100.0					100.0	97.3	85.4	94.6
≥ 25	96.2	94.9	99.4	100.0							99.9	98.8	99.1
≥ 2	99.7	99.9	100.0								100.0	99.9	100.0
≥ 1	100.	100.0										100.0	100.
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MEAN		37.	34.	37.	41.	4 .1	49.4	51.5	49.3	42.8	37.3	34.3	40.7
S.D.	4.76	4.591	3.745	3.117	2.840	2.716	3.387	3.324	2.864	3.552	4.016	4.333	7.364
TOTAL OBS.	990	910	1023	990	1023	990	1023	1023	990	992	975	1023	11764

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NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible], SK	1951-1980 1962-1992	JANUARY

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	3.	.7	[illegible]	[illegible]	[illegible]	8.3	1956	28.6	-1.9	11	-11.7	19[illegible]
2	3.	1.1	[illegible]	3.4	45	7.2	1956*	29.6	-1.3	15	-9.4	1964
3	[illegible]	.5	36.8	2.7	46	7.8	1967	28.9	-1.7	3	-16.1	1963
4	3.	.6	[illegible]	2.9	43	9.4	1952	28.9	-1.7	13	-10.6	1975*
5	[illegible]	.8	[illegible]	2.9	47	8.9	1957	29.7	-1.3	11	-12.2	1975
6	[illegible]	1.[illegible]	[illegible]	3.2	45	7.2	1969*	30.0	-1.1	18	-7.8	1962*
7	[illegible]	.9	[illegible]	3.1	5[illegible]	10.0	1969	29.8	-1.2	15	-9.4	1967*
8	[illegible]	.9	[illegible]	3.4	46	7.8	1957	29.4	-1.4	[illegible]	-12.2	1967
9	34.	1.4	[illegible]	3.3	46	7.8	1971	31.1	-.5	17	-[illegible]	1962
10	[illegible]	1.1	37.6	3.1	47	8.3	1962	30.3	-.9	13	-10.6	1959
11	[illegible]	1.1	37.5	3.1	4[illegible]	8.9	1971	30.4	-.9	13	-10.6	1958
12	[illegible]	1.1	[illegible]	3.4	48	8.9	1971	29.9	-1.2	19	-7.2	1967
13	[illegible]	.6	[illegible]	2.9	48	8.9	1957	29.[illegible]	-1.7	13	-10.6	1951
14	[illegible]	.5	[illegible]	2.6	47	8.[illegible]	1952	29.2	-1.6	15	-9.4	1953
15	3.	.7	[illegible]	2.[illegible]	43	6.1	1982*	29.[illegible]	-1.[illegible]	17	-8.3	1953
16	[illegible]	.8	[illegible]	[illegible]	46	7.8	1982	29.9	-1.2	21	-6.1	19[illegible]
17	3.	.8	[illegible]	2.3	4[illegible]	8.3	1982*	30.0	-1.1	18	-7.8	19[illegible]
18	[illegible]	.3	35.7	2.1	44	6.7	1962*	29.1	-1.6	16	-8.9	1975
19	[illegible]	.1	[illegible]	2.3	45	7.2	1952	28.3	-2.1	6	-14.4	1975
20	2.	.2	[illegible]	2.2	45	7.2	1963	29.[illegible]	-1.7	12	-11.1	1975
21	[illegible]	.3	[illegible]	2.3	4[illegible]	7.[illegible]	1963	28.6	-1.9	15	-9.4	1965
22	[illegible]	.2	[illegible]	2.4	43	6.1	1969	29.[illegible]	-2.1	11	-12.2	197[illegible]
23	[illegible]	.3	[illegible]	2.3	44	6.7	1968	27.6	-2.4	14	-10.0	1967
24	[illegible]	.3	[illegible]	3.3	44	6.7	1968	29.2	-1.6	12	-11.1	1965
25	[illegible]	1.2	[illegible]	[illegible]	46	7.8	1957	[illegible]	-.9	19	-7.2	1966
26	[illegible]	1.[illegible]	[illegible]	3.4	47	8.3	1973	31.5	-.3	18	-7.8	197[illegible]
27	[illegible]	1.3	[illegible]	[illegible]	47	8.[illegible]	1973	[illegible]	-.7	13	-10.6	1964
28	[illegible]	1.2	[illegible]	[illegible]	5[illegible]	10.[illegible]	1968	30.6	-.8	17	-8.3	1964
29	[illegible]	1.2	[illegible]	2.[illegible]	4[illegible]	8.9	1969*	31.0	-.6	16	-8.9	197[illegible]
30	[illegible]	.4	[illegible]	2.3	4[illegible]	7.[illegible]	19[illegible]	29.2	-1.6	17	-8.3	1973
31	[illegible]	.2	[illegible]	2.4	44	6.7	198[illegible]*	28.4	-2.0	19	-7.2	1976*
Monthly	3.4	.8	[illegible]	2.9	5[illegible]	10.[illegible]	1969*	29.6	-1.3	3	-16.1	1963

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible], AK	195[illegible]-1982	FEBRUARY

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	[illegible]1.	-.1	34.[illegible]	1.4	45	7.[illegible]	1957	23.8	-4.3	16	-8.9	196[illegible]
2	1.1	-.5	35.3	1.[illegible]	44	6.7	1957	26.9	-2.8	12	-1[illegible].6	1967
3	[illegible]1.[illegible]	-.1	36.[illegible]	2.3	43	6.1	1957	27.6	-2.4	3	-16.1	1964
4	[illegible]2.1	.5	37.[illegible]	2.[illegible]	5[illegible]	10.[illegible]	1969	28.7	-1.8	10	-12.2	1967
5	3.1	.6	36.6	2.6	45	7.2	1957	29.6	-1.3	14	-10.0	1980
6	[illegible]2.[illegible]	.3	36.3	2.4	44	6.7	1982	28.8	-1.8	14	-10.0	1964
7	[illegible]2.[illegible]	.4	[illegible]7.4	[illegible].[illegible]	43	6.1	1982*	28.2	-2.1	[illegible]	-13.3	1964
8	[illegible]3.3	.7	[illegible]7.3	2.9	46	7.8	1982	29.2	-1.6	11	-11.7	1964
9	[illegible]3.[illegible]	.9	[illegible]7.4	[illegible].[illegible]	42	5.6	1982*	29.8	-1.2	16	-8.9	1967
10	[illegible]3.2	.7	[illegible]7.5	[illegible].1	54	12.2	1982	28.9	-1.7	11	-11.7	1955
11	[illegible]2.[illegible]	.3	[illegible]7.2	2.9	4[illegible]	8.9	1956	27.7	-2.4	6	-14.4	1965
12	[illegible]3.3	.7	[illegible]7.1	2.9	44	6.7	1956	29.5	-1.4	19	-7.2	1967*
13	[illegible]3.[illegible]	.6	36.[illegible]	2.4	44	6.7	1951	29.3	-1.5	19	-7.2	1953
14	[illegible]2.[illegible]	.4	36.6	2.6	43	6.1	1968*	28.8	-1.8	14	-1[illegible].0	1973
15	[illegible]2.	.4	[illegible]6.[illegible]	2.6	4[illegible]	7.[illegible]	1952	28.9	-1.7	11	-11.7	1973
16	[illegible]2.3	.2	36.6	2.6	43	6.1	1968	28.1	-2.2	1[illegible]	-12.2	1973
17	[illegible]2.	.9	[illegible]6.6	2.6	47	8.3	1956	29.2	-1.6	15	-9.4	1971
18	[illegible]2.[illegible]	.1	36.[illegible]	2.[illegible]	47	8.[illegible]	1956	28.[illegible]	-2.2	16	-8.9	1971
19	[illegible]2.	.0	[illegible]6.4	2.4	47	8.3	1956	27.7	-2.4	15	-9.4	1975
20	2.4	.3	[illegible]6.2	2.3	45	7.[illegible]	1956	28.6	-1.9	13	-10.6	1971
21	[illegible]2.[illegible]	.0	[illegible]6.[illegible]	2.3	45	7.2	1957*	27.9	-2.3	7	-13.9	1971
22	[illegible]2.	.0	36.[illegible]	2.6	45	7.[illegible]	1982*	27.3	-2.6	6	-14.4	1971
23	[illegible]3.1	.6	[illegible]7.[illegible]	2.[illegible]	46	7.8	1956	28.8	-1.8	11	-11.7	198[illegible]
24	3.[illegible]	.6	[illegible]7.8	[illegible].2	46	7.8	1951	28.2	-2.1	14	-1[illegible].0	1971
25	[illegible]3.	.6	[illegible]7.[illegible]	3.1	4[illegible]	8.9	1971	28.4	-2.0	14	-1[illegible].0	1958
26	[illegible]3.[illegible]	.7	[illegible]7.9	[illegible].1	47	8.[illegible]	1955	28.[illegible]	-1.8	17	-8.3	1954
27	[illegible]3.	.9	[illegible].1	3.4	47	8.3	1962	29.1	-1.6	12	-11.1	1957
28	[illegible]3.[illegible]	.7	[illegible]7.4	3.[illegible]	47	8.3	1962	29.2	-1.6	11	-11.7	1957
29	[illegible]1.[illegible]	-.2	35.[illegible]	2.2	43	6.1	198[illegible]	27.2	-2.7	21	-6.1	19[illegible]4
30												
31												
Monthly	[illegible]2.[illegible]	.4	[illegible]6.8	2.[illegible]	54	12.[illegible]	1982	28.6	-1.9	3	-16.1	1964

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
[illegible]4	[illegible] AK	19[illegible] -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	[illegible]	1.[illegible]	[illegible]	[illegible]	47	8.3	1974	29.7	-1.3	17	-8.3	1959
2	[illegible]	1.1	[illegible]	[illegible]	47	8.3	1982	29.3	-1.5	13	-10.6	1959
3	[illegible]	1.2	39.5	4.2	47	8.3	1982	28.9	-1.7	15	-9.4	1959
4	[illegible]	1.3	[illegible]	[illegible]	47	8.3	1982	29.9	-1.2	19	-7.8	1967*
5	[illegible]	1.4	[illegible]	[illegible]	46	8.9	1966	30.2	-1.0	19	-7.2	1967
6	[illegible]	1.6	38.7	3.7	51	10.6	1982	31.[illegible]	-.6	20	-6.7	1979
7	[illegible]	1.6	[illegible]	[illegible]	51	10.6	1982	31.[illegible]	-.6	19	-7.2	1979
8	[illegible]	1.3	[illegible]	[illegible]	51	10.6	1967	30.2	-1.0	14	-10.0	1978
9	[illegible]	1.1	37.9	3.3	4[illegible]	6.7	1967	29.9	-1.2	20	-6.7	1979
10	[illegible]	.9	[illegible]	[illegible]	43	6.1	1982	29.3	-1.5	17	-8.3	1979
11	[illegible]	1.1	[illegible]	[illegible]	43	8.9	1964	29.[illegible]	-1.4	13	-10.6	1971
12	[illegible]	1.3	[illegible]	[illegible]	46	8.9	1967	30.[illegible]	-.8	21	-6.1	1979*
13	[illegible]	1.4	[illegible]	[illegible]	45	7.2	1983*	30.7	-.7	19	-7.2	1971
14	[illegible]	1.1	[illegible]	[illegible]	47	8.3	1962	29.[illegible]	-1.4	16	-8.9	1973*
15	[illegible]	1.3	[illegible]	[illegible]	46	7.8	1982	30.0	-1.1	2[illegible]	-6.7	1961
16	[illegible]	1.3	[illegible]	[illegible]	46	7.8	1967	30.2	-1.0	1[illegible]	-7.8	1961
17	[illegible]	1.7	[illegible]	[illegible]	44	6.7	1966	30.9	-.6	2[illegible]	-6.7	1971
18	[illegible]	1.8	[illegible]	[illegible]	[illegible]	10.0	1973	31.4	-.3	1[illegible]	-7.8	1972
19	[illegible]	1.4	[illegible]	[illegible]	44	6.7	1967	30.5	-.8	2[illegible]	-4.4	1971
20	[illegible]	1.6	[illegible]	4.1	47	8.3	1982*	30.4	-.9	20	-6.7	1972
21	[illegible]	1.3	[illegible]	[illegible]	[illegible]	7.2	1982	[illegible]	-1.1	18	-7.8	1972
22	[illegible]	1.7	39.5	4.2	[illegible]	7.2	1964*	30.7	-.7	1[illegible]	-7.8	19[illegible]
23	[illegible]	2.0	[illegible]	[illegible]	[illegible]	7.2	1969	31.3	-.4	23	-5.[illegible]	1975*
24	[illegible]	2.[illegible]	[illegible]	4.1	47	8.[illegible]	1965	31.8	-.1	15	-9.4	1975
25	[illegible]	1.8	[illegible]	4.0	4[illegible]	7.8	1962	31.2	-.4	21	-6.1	1977*
26	[illegible]	1.[illegible]	[illegible]	[illegible]	[illegible]	8.9	1982	30.[illegible]	-.7	21	-6.1	1968
27	[illegible]	1.8	[illegible]	4.1	46	7.8	1965	31.1	-.5	21	-6.1	1972*
28	[illegible]	1.9	[illegible]	4.2	4[illegible]	8.9	1969	31.4	-.3	17	-8.3	1975
29	[illegible]	1.9	[illegible]	4.[illegible]	47	8.3	1971*	31.5	-.3	23	-5.[illegible]	1975
30	[illegible]	1.7	[illegible]	4.2	57	13.9	1982	30.4	-.9	21	-6.1	1973
31	[illegible]	2.[illegible]	[illegible]	4.3	55	12.[illegible]	1982	31.5	-.3	21	-6.1	1975
Monthly	[illegible]	1.5	38.9	[illegible]	57	13.[illegible]	1982	[illegible]	-.8	13	-10.6	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], NC	19[illegible]-1982	APRIL

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	[illegible]	1.9	[illegible].2	4.0	44	6.7	1982*	31.7	-.3	[illegible]	-3.3	1966
2	[illegible].4	2.2	[illegible].9	4.3	[illegible]	8.9	1982	32.1	.1	24	-4.4	1971*
3	[illegible].3	2.4	[illegible].5	4.7	[illegible]	8.3	1969	32.1	.1	24	-4.4	1966
4	[illegible].7	2.5	[illegible].5	4.7	47	8.3	1981	32.5	.3	22	-5.6	1968
5	[illegible].1	2.2	39.9	4.4	[illegible]	7.2	1973*	32.0	.0	24	-4.4	1976*
6	[illegible].4	2.4	[illegible].5	4.7	47	8.3	1981	32.4	.2	26	-3.3	1968
7	[illegible].0	2.8	41.4	5.2	[illegible]	8.9	1982*	32.6	.3	23	-5.0	1971
8	[illegible].1	2.7	40.8	4.9	51	10.6	1967	32.9	.5	23	-5.0	1976
9	[illegible].1	2.8	41.2	5.1	49	9.9	1972	32.9	.5	27	-2.8	1966
10	[illegible]	3.1	42.0	5.6	50	10.0	1972	33.0	.6	25	-3.9	1977
11	[illegible].6	2.7	41.3	5.2	50	10.0	1982	32.5	.3	22	-5.6	1976
12	[illegible].6	2.7	[illegible].3	4.7	47	8.3	1982	33.2	.7	26	-3.3	1977
13	[illegible].4	3.0	41.5	5.3	49	9.4	1982	33.4	.8	25	-3.9	1971
14	[illegible].3	2.9	41.3	5.2	[illegible]	7.8	1970*	33.1	.6	22	-5.6	1971
15	[illegible].6	2.7	41.2	5.1	47	8.3	1959	32.4	.2	26	-3.3	1977*
16	[illegible].4	2.4	[illegible].2	4.6	[illegible]	7.8	1982*	32.6	.3	24	-4.4	1976
17	[illegible].1	2.8	41.1	5.1	[illegible]	7.8	1978*	32.8	.4	[illegible]	-2.2	1971
18	[illegible].9	3.1	41.9	5.5	51	10.0	1965	33.1	.6	27	-2.8	1952
19	[illegible].1	3.3	41.8	5.4	52	11.1	1965	33.9	1.1	26	-3.3	1964
20	[illegible].1	3.3	42.3	5.7	56	13.3	1962	33.4	.8	21	-6.1	1964
21	[illegible].4	3.6	[illegible].0	6.1	50	10.0	1982	33.9	1.1	26	-3.3	1953
22	[illegible].4	3.6	42.8	6.0	50	10.0	1961	33.9	1.1	27	-2.8	1958
23	[illegible].3	3.5	42.7	5.9	51	10.6	1982	33.9	1.1	25	-3.9	196[illegible]
24	[illegible].7	3.7	42.8	6.0	53	11.7	1967	34.6	1.4	29	-1.7	1972
25	[illegible].4	3.3	41.9	5.5	49	9.4	1967	33.9	1.1	29	-1.7	1971*
26	[illegible].3	3.6	43.1	6.2	53	11.7	1961	33.9	1.1	28	-2.2	1971*
27	[illegible].4	3.7	42.7	5.9	46	8.9	1971	34.5	1.4	30	-1.1	1974*
28	[illegible].7	3.7	42.8	6.0	51	10.6	1981	34.5	1.4	27	-2.8	1979
29	[illegible].8	3.8	43.2	6.2	51	10.6	1982	34.5	1.4	24	-4.4	1979
30	[illegible].1	3.4	42.4	5.9	50	10.0	1966	33.8	1.0	26	-3.3	1972*
31												
Monthly	[illegible].4	3.0	41.9	5.5	56	13.3	1962	33.2	.7	21	-6.1	1964

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

[illegible] | [illegible] | 195[illegible]-1982 | [illegible]
STATION | STATION NAME | YEARS | MONTH

DAY	MEAN TEMP AVERAGE °F	MEAN TEMP AVERAGE °C	MAXIMUM TEMP AVERAGE °F	MAXIMUM TEMP AVERAGE °C	MAXIMUM TEMP EXTREME °F	MAXIMUM TEMP EXTREME °C	MAXIMUM TEMP EXTREME DATE	MINIMUM TEMP AVERAGE °F	MINIMUM TEMP AVERAGE °C	MINIMUM TEMP EXTREME °F	MINIMUM TEMP EXTREME °C	MINIMUM TEMP EXTREME DATE
1	[illegible].1	3.4	42.5	5.8	4[illegible]	9.4	1981	33.7	.9	2[illegible]	-3.9	1963
2	[illegible].3	3.5	42.6	5.9	53	11.7	1952	34.1	1.2	22	-5.6	1971
3	[illegible].4	3.6	43.0	6.1	5[illegible]	14.4	1952	33.9	1.1	2[illegible]	-6.7	1971
4	[illegible].7	4.3	43.7	6.5	57	13.9	1952	35.6	2.0	27	-2.6	1971
5	[illegible].7	4.3	44.0	6.7	5[illegible]	12.2	1952	35.3	1.8	26	-3.3	1971
6	[illegible]	4.2	43.5	6.4	4[illegible]	8.9	1981*	35.6	2.0	26	-3.3	1971
7	[illegible]	4.6	44.5	6.9	5[illegible]	10.[illegible]	1982	35.[illegible]	2.2	2[illegible]	-2.2	1965
8	[illegible].[illegible]	4.3	44.2	6.[illegible]	5[illegible]	10.[illegible]	1968	35.4	1.9	2[illegible]	-1.7	1964
9	[illegible].[illegible]	4.4	44.5	6.9	5[illegible]	10.[illegible]	1969*	35.[illegible]	1.8	2[illegible]	-1.7	1963
10	[illegible].[illegible]	4.8	44.3	6.8	53	11.7	1967	36.[illegible]	2.2	31	-.6	1976
11	[illegible].4	4.7	44.5	6.9	53	11.7	1968	36.3	2.4	[illegible]	-1.1	1971
12	[illegible]	4.3	44.2	6.[illegible]	5[illegible]	12.[illegible]	1967	35.5	1.9	2[illegible]	-2.2	1965
13	[illegible].[illegible]	4.4	44.2	6.8	51	10.[illegible]	1982*	35.6	2.[illegible]	2[illegible]	-2.2	1965
14	[illegible].[illegible]	4.6	44.4	6.9	5[illegible]	10.[illegible]	1979*	36.2	2.3	2[illegible]	-1.7	1966
15	[illegible].[illegible]	5.[illegible]	44.9	7.[illegible]	53	11.7	1967	37.1	2.8	29	-1.7	1971
16	[illegible].1	5.1	45.4	7.4	61	16.1	1964	36.8	2.7	[illegible]0	-1.1	1971
17	[illegible].[illegible]	4.[illegible]	44.9	7.[illegible]	5[illegible]	10.[illegible]	1971*	3[illegible].[illegible]	2.3	[illegible]0	-1.1	1956
18	[illegible].[illegible]	4.8	44.8	7.1	4[illegible]	8.9	1965*	36.5	2.5	[illegible]0	-1.1	1955
19	[illegible]0.	4.9	45.[illegible]	7.2	55	12.8	1967	36.6	2.6	[illegible]1	-.6	1955
20	[illegible].3	5.1	4[illegible].5	7.[illegible]	57	13.[illegible]	1967	37.[illegible]	2.8	[illegible]2	.0	1980
21	[illegible].3	[illegible].0	44.8	7.1	49	9.4	1971*	37.3	2.9	[illegible]	-1.1	1965
22	[illegible].2	5.1	45.1	7.3	55	12.8	1964	37.3	2.9	[illegible]	-1.1	1965
23	41.[illegible]	5.2	45.7	7.6	54	12.2	1961	37.[illegible]	2.8	[illegible]2	.[illegible]	1966
24	[illegible].2	5.1	45.1	7.3	51	10.6	1965	37.7	2.9	[illegible]	-1.1	1976
25	41.5	5.3	45.4	7.4	53	11.1	1963	37.6	3.1	[illegible]	-1.1	1976
26	[illegible].[illegible]	5.7	46.[illegible]	7.[illegible]	5[illegible]	11.7	1981	38.[illegible]	3.4	[illegible]3	.6	1976
27	42.5	5.8	46.7	8.2	60	15.6	1964	38.3	3.5	[illegible]3	.6	1963
28	[illegible].[illegible]	5.9	46.9	[illegible].3	6[illegible]	18.3	1964	38.5	3.6	[illegible]1	-.6	1972
29	-2.5	5.8	46.3	7.[illegible]	55	12.8	1962	38.7	3.7	34	1.1	1975*
30	[illegible]3.	6.1	47.3	8.[illegible]	5[illegible]	15.[illegible]	1972	38.6	3.7	[illegible]1	-.6	1974
31	[illegible]3.1	6.2	47.6	8.7	5[illegible]	14.4	1[illegible]72	38.5	3.6	[illegible]1	-.6	1969
Monthly	4[illegible].[illegible]	4.3	44.9	7.2	65	18.3	196[illegible]	36.5	2.5	20	-6.7	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], AK	1951-1982	JULY

	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	3[illegible]	6.1	47.5	8.6	5[illegible]	13.3	1972	38.5	3.5	[illegible]	-1.1	19[illegible]
2	42.[illegible]	5.9	46.6	8.1	56	13.3	1972	38.6	3.7	29	-1.7	1971
3	[illegible].4	6.3	47.6	8.7	55	12.[illegible]	1972	39.2	4.[illegible]	3[illegible]	1.7	1973
4	[illegible].[illegible]	6.3	47.2	8.4	59	15.0	1972	39.4	4.1	35	1.7	1973
5	42.[illegible]	5.9	46.4	8.0	52	11.1	1982*	39.[illegible]	3.9	34	1.1	1973
6	42.[illegible]	6.[illegible]	46.5	8.1	53	11.[illegible]	1977	39.2	4.0	34	1.1	1971
7	43.[illegible]	6.6	47.8	8.8	54	12.2	1962	39.[illegible]	4.3	37	2.8	1975
8	3[illegible].[illegible]	6.2	46.8	8.2	54	12.2	1979	39.6	4.2	34	1.1	1971
9	[illegible]3.[illegible]	6.6	47.8	8.8	55	12.[illegible]	1979	40.[illegible]	4.4	34	1.1	1971
10	4[illegible].[illegible]	6.7	47.[illegible]	8.8	5[illegible]	14.4	197[illegible]	40.[illegible]	4.4	32	.0	1972
11	[illegible]4.3	6.6	48.7	9.3	5[illegible]	14.4	1962	39.8	4.3	32	.0	1973
12	[illegible]4.5	6.9	46.6	9.2	6[illegible]	17.2	1979	40.3	4.6	34	1.1	1969
13	[illegible]4.[illegible]	6.7	47.8	8.8	55	12.8	1952	40.1	4.5	35	1.7	1969
14	4[illegible].	7.1	49.5	9.[illegible]	5[illegible]	[illegible]4.4	1954	40.2	4.6	35	1.7	1973
15	[illegible]4.4	6.9	4[illegible].6	9.2	5[illegible]	14.4	1982	40.2	4.6	[illegible]	-1.1	1965
16	4[illegible].	7.2	49.3	9.[illegible]	54	12.2	1982*	40.5	4.7	[illegible]1	-.6	1973
17	4[illegible].1	7.3	49.5	9.7	62	16.7	1973	40.7	4.8	[illegible]5	1.7	1971
18	4[illegible].5	7.5	49.5	9.7	5[illegible]	13.3	1980*	41.4	5.2	33	.6	1974
19	4[illegible].4	8.[illegible]	5[illegible].8	10.4	6[illegible]	15.6	1974*	42.0	5.6	40	4.4	1982*
20	45.[illegible]	7.6	49.7	9.8	59	15.[illegible]	1979	41.[illegible]	5.4	[illegible]7	2.8	1960
21	4[illegible].[illegible]	7.8	[illegible]0.3	10.2	6[illegible]	15.6	1979	41.6	5.3	[illegible]8	3.3	1976
22	45.[illegible]	7.6	[illegible]0.2	10.1	62	16.7	1979	41.2	5.1	37	2.8	1971
23	45.[illegible]	7.6	49.7	9.8	59	15.0	1981*	41.6	5.3	[illegible]8	3.3	1971
24	45.[illegible]	7.7	[illegible]0.0	10.0	5[illegible]	14.4	1965	41.6	5.3	[illegible]7	2.9	1971
25	4[illegible].3	8.1	[illegible]1.0	10.[illegible]	65	18.3	1962	42.0	5.6	36	2.2	197[illegible]
26	46.[illegible]	8.3	[illegible]1.2	10.7	6[illegible]	19.4	1979	42.6	5.9	[illegible]7	2.8	1971
27	47.2	8.4	[illegible]2.1	11.2	63	17.2	1967	42.2	5.7	[illegible]8	3.3	1967*
28	46.[illegible]	8.2	5[illegible].7	10.[illegible]	59	15.[illegible]	1953	42.[illegible]	6.0	[illegible]8	3.3	1971*
29	4[illegible].2	7.9	4[illegible].[illegible]	9.[illegible]	57	13.9	1950	42.5	5.8	[illegible]9	3.9	1971*
30	4[illegible].7	8.2	50.5	10.3	5[illegible]	14.4	1980*	42.[illegible]	6.[illegible]	[illegible]8	3.3	1963
31												
Monthly	4[illegible].[illegible]	7.3	49.[illegible]	9.4	67	19.4	1979	4[illegible].7	4.8	29	-1.7	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] AK	1951-1982	JULY

	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]	9.5	61.9	16.1	81	27.2	1963*	42.7	5.9	[illegible]	3.3	1963*
2	[illegible]	8.4	61.3	16.3	85	29.4	1967	43.0	6.1	[illegible]	2.8	1975
3	[illegible]	8.8	62.5	16.9	82	27.8	1972	43.[illegible]	6.1	[illegible]	1.1	1975
4	[illegible]	8.9	62.5	16.9	80	26.7	1979	43.7	6.5	[illegible]	2.2	1971
5	[illegible]	8.8	62.1	16.7	85	29.4	1953	43.5	6.4	[illegible]	3.3	1964
6	[illegible]	8.8	62.3	16.8	82	27.8	1953	43.5	6.4	[illegible]	3.9	1965
7	[illegible]	8.6	61.8	16.6	80	26.7	1953	43.2	6.2	[illegible]	3.9	1973
8	[illegible]	8.7	62.[illegible]	16.8	84	28.9	1967	43.3	6.3	[illegible]	3.3	1952
9	[illegible]	9.1	62.8	16.9	82	27.8	1959	43.6	6.4	[illegible]	2.8	1971
10	[illegible]	8.7	61.4	16.8	81	27.2	1960	44.[illegible]	6.7	[illegible]	2.8	1971
11	[illegible]	8.9	62.[illegible]	16.8	82	27.8	1960	43.8	6.6	[illegible]	2.8	1971
12	[illegible]	9.1	62.9	16.9	84	28.9	1974	43.8	6.6	[illegible]	3.3	1971
13	[illegible]	8.9	62.1	16.8	80	26.7	1981	44.2	6.8	[illegible]	2.8	1971
14	[illegible]	9.1	62.2	16.8	83	28.3	1967	44.5	6.9	[illegible]	2.2	1971
15	[illegible]	9.4	63.3	17.4	82	27.8	1981	44.8	7.1	[illegible]	4.4	1971
16	[illegible]	9.3	62.7	17.1	85	29.4	1956	45.0	7.2	[illegible]	3.3	1971
17	[illegible]	9.6	64.1	17.8	84	28.9	1967	44.5	6.9	[illegible]	2.2	1971
18	[illegible]	9.9	64.7	18.2	83	28.3	1981	44.[illegible]	7.2	[illegible]	2.2	1971
19	[illegible]	9.7	63.7	17.6	81	27.2	1957	45.3	7.4	[illegible]	3.3	1971
20	[illegible]	9.8	64.4	17.9	79	26.1	1957	44.9	7.2	[illegible]	2.2	1971
21	[illegible]	9.8	64.5	18.1	83	28.3	1963	44.[illegible]	7.1	[illegible]	.9	1971
22	[illegible]	9.6	64.2	17.9	83	28.3	1954	44.4	6.9	[illegible]	2.2	1971
23	[illegible]	10.2	65.7	18.7	79	26.1	1962	44.[illegible]	7.1	[illegible]	.6	1971
24	[illegible]	10.4	65.4	18.6	85	29.4	1965	45.9	7.7	[illegible]	3.3	1971
25	[illegible]	10.6	65.4	18.6	79	26.1	1962	46.6	8.1	[illegible]	4.4	1971
26	[illegible]	10.4	65.1	18.4	83	28.3	1980	46.3	7.9	[illegible]	3.3	1973
27	[illegible]	10.2	65.3	18.5	87	30.4	1980	45.4	7.4	[illegible]	2.2	1973
28	[illegible]	10.1	65.9	18.3	72	22.2	1962	45.[illegible]	7.7	[illegible]	3.9	1982
29	[illegible]	10.8	66.4	19.6	81	27.[illegible]	1981*	46.7	8.2	[illegible]	3.9	1971
30	[illegible]	10.7	65.9	18.8	84	28.9	1969	46.5	8.1	[illegible]	4.4	1971
31	[illegible]	10.9	66.9	19.[illegible]	85	29.3	1961	46.1	7.8	[illegible]	3.9	1971
Monthly	[illegible]	9.5	63.7	17.1	72	22.2	1962	44.6	7.[illegible]	[illegible]	.6	1971

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
[illegible]4	[illegible]	19[illegible]-1982	AUGUST

	MEAN TEMP		MAXIMUM TEMP					MINIMUM TEMP				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	[illegible].[illegible]	11.5	[illegible].[illegible]	14.4	6[illegible]	[illegible].[illegible]	1961	47.1	[illegible].4	[illegible]	3.9	1971*
2	[illegible]1.[illegible]	11.[illegible]	58.5	14.7	6[illegible]	[illegible].[illegible]	1970*	46.[illegible]	[illegible].3	[illegible]0	3.9	1981*
3	[illegible]1.[illegible]	11.[illegible]	56.[illegible]	13.[illegible]	6[illegible]	2[illegible].[illegible]	1954	47.4	8.6	[illegible]3	6.1	1954
4	1[illegible].[illegible]	10.9	5[illegible].[illegible]	13.4	74	23.3	1981	47.1	8.4	[illegible]1	[illegible].0	1971
5	[illegible]1.[illegible]	11.1	5[illegible].6	13.[illegible]	7[illegible]	22.[illegible]	1981	47.[illegible]	8.4	41	[illegible].[illegible]	1971
6	1[illegible].[illegible]	10.7	[illegible]5.[illegible]	13.[illegible]	6[illegible]	19.[illegible]	1969	46.5	8.[illegible]	[illegible]1	5.[illegible]	1973
7	1[illegible].[illegible]	[illegible].6	5[illegible].4	13.[illegible]	74	23.3	1969	46.6	8.1	41	5.[illegible]	1971
8	1[illegible].[illegible]	1[illegible].[illegible]	56.6	13.[illegible]	75	23.[illegible]	1956	46.[illegible]	8.2	[illegible]4	4.4	1971
9	2[illegible].[illegible]	11.3	[illegible]7.[illegible]	14.1	7[illegible]	22.[illegible]	1956	47.5	8.6	[illegible]0	4.4	19[illegible]
10	[illegible]1.[illegible]	11.[illegible]	56.[illegible]	13.[illegible]	67	19.4	1969	47.5	8.6	[illegible]0	4.4	1971
11	1[illegible].[illegible]	1[illegible].[illegible]	[illegible]5.[illegible]	13.[illegible]	66	18.9	1982	47.4	8.[illegible]	[illegible]0	4.4	19[illegible]
12	[illegible]1.[illegible]	11.0	56.[illegible]	13.[illegible]	63	17.2	1974*	46.8	8.2	[illegible]5	3.[illegible]	19[illegible]*
13	1[illegible].[illegible]	10.9	[illegible]6.[illegible]	13.4	66	18.9	1953	47.3	8.5	41	5.[illegible]	1982
14	1[illegible].[illegible]	10.8	[illegible]5.[illegible]	13.[illegible]	74	23.3	1969	46.[illegible]	8.2	4[illegible]	4.4	1951
15	1[illegible].[illegible]	10.9	[illegible]5.[illegible]	13.[illegible]	6[illegible]	[illegible].[illegible]	1963	47.[illegible]	8.3	[illegible]	3.3	1955
16	[illegible].[illegible]	10.4	[illegible]5.3	12.[illegible]	64	17.8	1958	46.4	[illegible].[illegible]	[illegible]9	[illegible].[illegible]	19[illegible]
17	[illegible].[illegible]	10.[illegible]	55.7	13.[illegible]	6[illegible]	18.3	1973	46.[illegible]	7.8	[illegible]0	2.[illegible]	19[illegible]
18	1[illegible].[illegible]	10.[illegible]	55.6	13.1	6[illegible]	20.4	1953	45.8	8.[illegible]	[illegible]	3.3	1958
19	1[illegible].[illegible]	1[illegible].[illegible]	56.1	13.4	6[illegible]	20.4	1953	47.1	8.4	42	5.6	1966
20	1[illegible].[illegible]	1[illegible].[illegible]	56.[illegible]	13.[illegible]	71	21.[illegible]	1969	47.1	.4	[illegible]7	2.[illegible]	19[illegible]
21	[illegible]1.[illegible]	10.[illegible]	55.[illegible]	13.[illegible]	6[illegible]	18.[illegible]	1961	47.[illegible]	8.6	[illegible]9	3.[illegible]	19[illegible]
22	1[illegible].[illegible]	10.9	56.[illegible]	13.[illegible]	66	18.9	1953	47.2	8.4	[illegible]9	[illegible].9	1971
23	[illegible]0.[illegible]	10.4	[illegible]5.[illegible]	12.[illegible]	64	17.8	1953	46.4	[illegible].[illegible]	[illegible]1	1.7	19[illegible]
24	[illegible].[illegible]	10.9	[illegible]5.4	13.[illegible]	63	17.2	1969	46.3	7.9	[illegible]4	1.1	19[illegible]
25	1[illegible].[illegible]	10.9	55.[illegible]	13.2	6[illegible]	18.[illegible]	1959	47.[illegible]	8.3	[illegible]3	.6	1963
26	[illegible]0.[illegible]	10.4	[illegible]4.[illegible]	12.[illegible]	71	[illegible]1.[illegible]	1953	46.5	8.1	41	[illegible].[illegible]	1967
27	[illegible].[illegible]	1[illegible].2	[illegible]4.6	12.[illegible]	61	16.1	1962	46.1	7.8	[illegible]0	4.4	1964
28	[illegible].[illegible]	9.7	[illegible]3.[illegible]	11.[illegible]	5[illegible]	15.[illegible]	1969	45.4	7.4	[illegible]0	4.4	19[illegible]
29	[illegible]1.[illegible]	9.9	53.3	11.[illegible]	6[illegible]	15.6	19[illegible]	45.[illegible]	7.7	[illegible]0	4.4	19[illegible]
30	[illegible]0.[illegible]	10.[illegible]	[illegible]4.5	12.[illegible]	6[illegible]	16.1	19[illegible]	46.1	7.8	[illegible]0	4.4	19[illegible]
31	[illegible].[illegible]	10.4	54.4	12.4	61	16.1	1962	47.[illegible]	8.[illegible]	[illegible]2	6.1	19[illegible]
Monthly	1[illegible].[illegible]	10.7	55.[illegible]	13.[illegible]	7[illegible]	23.[illegible]	1956	46.[illegible]	8.2	[illegible]3	.6	19[illegible]

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET–SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION | STATION NAME | YEARS | MONTH

DAY	MEAN TEMP AVERAGE °F	°C	MAXIMUM TEMP AVERAGE °F	°C	MAXIMUM TEMP EXTREME °F	°C	DATE	MINIMUM TEMP AVERAGE °F	°C	MINIMUM TEMP EXTREME °F	°C	DATE
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
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31												
Monthly												

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION | STATION NAME | YEARS | MONTH

	MEAN TEMP AVERAGE		MAXIMUM TEMP AVERAGE		MAXIMUM TEMP EXTREME			MINIMUM TEMP AVERAGE		MINIMUM TEMP EXTREME		
DAY	°F	°C	°F	°C	°F	°C	DATE	°F	°C	°F	°C	DATE
1	4 . 4	7.4	4 . 7	9.9		1 .	1	4 . 7	5.7	7	.	1
2	4 .	7.8	. 3	1 . 7	61	1 . 1	1	41 .	5.3	2	.	1
3	4 . 1	7.4	4 . 7	9.3		1 .	1	4 .	4 .	7	1.7	1
4	4 .	7.7	4 . 9	9.4	5	11.7	1	41.4	5.3	2	.	1
5	4 .	7.1	4 . 6	9.2	5	13.2	1	41 .	5 .	2	-1.7	1
6	4 . 1	7.1	4 . 4	7.7	5	13.3	1	39.9	4.4	2	-1.1	1
7	4 .	7.2	4 . 3	9.6	5	14.4	1	4 . 4	4.7	2	.	1
8	4 .	6.9	4 . 6	9.2	5	12.3	1	39.9	4.4	1	-.6	1
9	4 .	6.2	4 . 2	7.9	5	12 .	1	4 .	-.9	2	.	1
10	4 .	6.9	4 . 1	9.2	5	12.7	1	4 .	4.2	3	1.1	1
11	4 .	6.7	4 . 1	9.2	5	12.2	1	4 .	3.4	1	-.6	1
12	.	6.4	47.	8.5	5	12.2	1	39.1	3.9	2	1.1	1
13	.	6.3	. 1	8.4	5	12.2	1	38.2	3.4	1	-.6	1
14	. 1	6.6	4 . 4	8.7	5	12.4	1	37.	. 3	1	-.6	1
15	.	6.1	4 . 4	7.1	5	11.1	1	38.3	3.2	2	1.1	1
16	.	6.4	.	8.3	51	1 . 4	1	38.3	3.5	1	-.6	1
17	.	6.1	4 . 7	8.1	54	12.3	1	39.	4.7	2	-1.2	1
18	.	6.7	4 . 5	8.1	54	12.2	1	37.9	2.3	2	-1.1	1
19	1 .	.	4 .	7.3	5	11.1	1	36.7	2.6	2	-1.7	1
20	4 .	6.4	4 . 1	7.3	5	11.1	1	37.3	2.3	1	-.6	1
21	1 .	6.1	4 . 6	7.4	5	12.2	1	37.3	2.9	2	-2.1	1
22	.	4 .	4 . 2	7.3	5	11.1	1	36.9	2.5	2	-2.1	1
23	.	4 .	4 . 1	7.1	5	12.2	1	35.2	2.2	2	-1.7	1
24	1 .	. 2	4 . 4	7.4	5	11.1	1	37.	3.9	2	-2.2	1
25	1 .	6.1	4 . 5	7.4	6	15.4	1	37.	2.9	2	-2.2	1
26	.	4.7	4 .	7.1	5	11.1	1	36.1	2.3	2	-2.6	1
27	.	4.5	4 . 4	6.7	5	11.1	1	35.9	2.3	1	-.6	1
28	.	. 3	43.	6.4	5	11.7	1	36.	2.2	2	-2.3	1
29	.	4.4	4 . 4	5.7	4	8.7	1	36.5	2.1	2	-1.2	1
30	.	4.1	43.	6.7	5	11.1	1	35.5	1.9	2	-1.1	1
31	.	3.7	42.	6.1	5	10.2	1	35.4	1.2	2	-1.2	1
Monthly	.	5.3	4 . 7	8.2	61	. 1	1	38.4	3.6	2	-1.6	1

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION | STATION NAME | YEARS | MONTH

DAY	MEAN TEMP AVERAGE °F	°C	MAXIMUM TEMP AVERAGE °F	°C	EXTREME °F	°C	DATE	MINIMUM TEMP AVERAGE °F	°C	EXTREME °F	°C	DATE
1		3.7	42.7	5.9	51	10.6	19 5	34.4	1.3	2	-3.9	19
2		3.9	43.1	6.2	52	11.1	1976	34.4	1.	30	-1.1	19
3		4.3	43.4	6.3	53	11.7	1964	36.3	2.4	32	-1.1	1972*
4	.1	3.9	43.3	6.3	5	10.7	1966	35.	1.7	27	-2.8	19
5		4.1	43.5	6.4	55	12.7	1982	34.9	1.6	26	-3.3	1973
6		4.0	43.4	6.3	54	12.2	1964	35.	1.7	29	-1.7	19 1
7		3.3	42.2	5.7	49	8.9	1964	33.8	1.	28	-2.2	19
8	.4	3.6	42.4	5.7	52	11.1	1982	34.3	1.3	26	-3.3	1981
9		3.1	41.5	5.4	4	8.9	1980	33.3	.7	1	-7.8	1974
10	.7	3.7	42.5	5.8	55	12.8	1967*	35.0	1.7	23	-5.0	19
11	.7	3.2	41.7	5.5	47	8.3	1967	33.4	.9	22	-5.6	19
12	.3	3.2	42.2	5.7	49	9.4	1965*	33.4	.8	22	-5.6	19
13	.5	3.6	42.4	5.8	52	10.9	1965*	34.4	1.3	26	-3.3	1964
14	.7	3.2	41.6	5.3	53	11.1	1979	33.7	.9	21	-6.1	19
15	.8	3.2	42.1	5.6	54	12.2	197	33.5	.8	16	-8.9	1964
16	.6	2.6	40.9	4.9	57	13.9	197	33.6	.6	16	-8.9	1971
17	.4	2.4	40.7	4.8	51	10.9	1965	32.4	.2	19	-7.2	1962
18	.4	2.4	40.6	4.8	49	8.9	1951	32.2	.1	21	-6.7	1962
19	.4	2.4	40.4	4.7	49	8.9	1961	32.	.4	22	-5.6	19
20		2.1	39.9	4.4	46	7.9	1973*	31.7	-.2	20	-6.7	19
21		2.3	40.3	4.6	5	10.9	1965	32.3	.1	17	-8.3	19
22		2.3	40.4	4.7	55	12.7	197	32.9	.	1	-7.9	19
23		2.1	40.2	4.4	54	12.2	197	31.9	-.3	13	-10.6	19
24	.3	1.9	40.4	4.1	57	13.9	197	31.7	-.2	1	-7.2	19
25		2.2	39.9	4.3	55	12.	197	32.	.2	1	-7.8	1972
26	.3	1.9	39.9	4.3	51	10.6	1979	31.	-.1	19	-7.2	1979
27	.1	1.7	39.1	3.9	47	8.3	1969	31.4	-.3	21	-6.1	1979
28	.2	1.8	39.4	4.1	43	7.8	1973*	31.0	-.6	19	-7.2	1953
29	.3	2.3	39.9	4.3	54	12.2	1961	32.7	.4	12	-11.1	1969
30	35.	2.1	39.5	4.2	43	8.4	197	31.	-.1	23	-5.0	19
31												
Monthly	37.	2.9	41.3	5.2	57	13.9	197	33.2	.7	1	-11.1	196

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible]	19[illegible]-1982	DECEMBER

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]	2.1	[illegible]	[illegible]	53	11.7	1977	31.5	-.1	22	-5.6	1981*
2	[illegible]	2.1	[illegible]	4.3	49	9.4	1979	31.5	-.3	20	-6.7	1981
3	[illegible]	1.7	[illegible]	4.1	48	8.9	1979	30.6	-.3	16	-8.9	1965
4	[illegible]	1.7	[illegible]	4.[illegible]	49	8.9	1950	30.9	-.6	15	-9.4	1949
5	[illegible]	1.6	[illegible]	3.9	53	11.7	1954	31.3	-.4	23	-3.9	1979*
6	[illegible]	1.4	[illegible]	3.3	44	6.7	1966	31.7	-.4	22	-5.6	1974
7	[illegible]	1.7	[illegible]	4.0	55	12.8	1955	32.2	-.7	13	-10.6	1971
8	[illegible]	1.4	[illegible]	3.8	51	10.6	1950	30.2	-1.0	21	-6.1	1967
9	[illegible]	1.2	[illegible]	3.6	48	7.8	1979	29.7	-1.3	13	-10.6	1967
10	[illegible]	1.7	[illegible]	3.9	49	9.4	1957	31.4	-.3	17	-8.3	1982
11	[illegible]	1.5	[illegible]	3.4	44	6.7	1979*	31.3	-.4	21	-6.1	1967
12	[illegible]	.7	[illegible]	2.3	49	7.2	1979	29.5	-1.4	21	-6.1	1965
13	[illegible]	.4	[illegible]	2.2	47	8.3	1968	28.7	-1.8	11	-12.2	1965
14	[illegible]	1.1	[illegible]	3.2	51	10.6	1968	30.1	-1.1	17	-8.3	1959
15	[illegible]	.9	[illegible]	3.1	49	7.2	1970	29.7	-1.3	18	-7.8	1976
16	[illegible]	1.4	[illegible]	3.6	47	8.3	1971*	30.6	-.8	12	-11.1	1965
17	[illegible]	1.5	[illegible]	3.3	46	7.8	1968*	31.4	-.3	22	-5.6	1954
18	[illegible]	1.3	[illegible]	3.7	54	12.2	1970	30.3	-1.1	21	-6.7	1961*
19	[illegible]	1.1	[illegible]	3.1	52	11.1	1970	30.3	-.9	22	-6.7	1972
20	[illegible]	1.0	[illegible]	3.2	47	8.3	1971	29.9	-1.2	21	-6.7	1969
21	[illegible]	1.0	[illegible]	3.1	49	8.9	1959	30.0	-1.1	14	-10.0	1965
22	[illegible]	.7	[illegible]	2.9	46	7.8	1979*	29.5	-1.4	13	-10.6	1953
23	[illegible]	.7	[illegible]	2.6	43	6.1	1971	29.7	-1.3	17	-8.3	1953
24	[illegible]	.3	[illegible]	2.3	49	5.6	1970*	29.2	-1.6	14	-10.0	1952
25	[illegible]	.4	[illegible]	2.4	44	6.7	1981	28.8	-1.8	15	-9.4	1974
26	[illegible]	1.0	[illegible]	2.8	45	7.2	1970*	30.5	-.8	13	-10.6	1953
27	[illegible]	.8	[illegible]	2.7	47	8.3	1951	29.5	-1.4	11	-11.7	1976
28	[illegible]	1.1	[illegible]	2.3	43	7.2	1951	30.9	-.6	15	-9.4	1979
29	[illegible]	.8	[illegible]	2.3	47	8.1	1951	29.8	-1.2	21	-6.7	1972
30	[illegible]	.2	[illegible]	2.4	49	9.6	1967*	28.3	-2.1	17	-8.3	1979*
31	[illegible]	.1	[illegible]	2.4	48	7.8	1968	27.9	-2.3	[illegible]	-13.3	1979
Monthly	[illegible]	1.1	[illegible]	[illegible]	55	[illegible]	1951	[illegible]	-1.[illegible]	[illegible]	-13.3	1979

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET—SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

227 4 STATION | ATMA, AK STATION NAME | 70-32 YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ALL MONTHS
70	46	47	43	46	47	62	77	67	55	50		55	
71	43	46	44	49	47	56	62	63	56	52	48	47	67
72	49	45	47	45	58	56	56	65	58	54	46	47	65
73	42	39	40	47	47	59	65	71	57	52	49	47	71
74	40	42	46	48	49	56	65	66	62	52	48	53	66
75	43	47	46	46	49	53	69	63	56	55	46	45	69
76	47	45	44	46	48	54	66	75	57	59	46	44	75
77	48	45	45	49	51	62	57	63	57	51	46	49	63
78	44	42	46	48	48	56	53	67	58	58	45	43	67
79	45	43	41	49	53	58	62	65	66	55	45	48	66
80	45	42	42	43	46	52	61	61	63	61	51	41	63
81	42	42	43	53	54	57	65	61	60	54	54	45	65
82	47	47	47	56	58	65	72	64	60	54	45	41	72
83	45	41	46	50	52	56	69	70	61	54	50	42	70
84	44	41	48	47	65	58	64	61	61	60	54	47	65
85	46	46	47	52	51	60	68	66	59	52	55	48	68
86	45	44	49	50	52	54	64	65	64	53	50	45	65
87	46	43	51	53	57	63	68	68	59	55	55	46	68
88	50	48	45	47	54	56	65	60	58	56	46	51	65
89	50	50	48	47	51	54	64	74	59	52	51	39	74
90	42	44	46	47	51	58	58	69	56	55	57	54	69
91	46	48	49	45	55	59	57	68	64			47	
92	42	42	45	50	59	59	62	60	58	51	49	45	62
93	47	43	50	45	46	62	60	65	56	58	50	47	65
94	41	45	47	45	49	60	66	63	54	57	47	44	66
95	40	41	39	44	45	54	61	60	55	57	45	46	61
96	42	41	43	44	50	54	58	57	52	48	46	43	58
97	40	38	41	46	52	51	59	61	57	55	48	42	61
98	40	38	43	46	49	54	59	61	57	53	52	45	61
99	41	42	44	47	53	67	66	64	65	52	52	49	67
MEAN													
S D													
TOTAL OBS													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

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

WHOLE DEGREES FAHRENHEIT

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ALL MONTHS
80	44	44	85	48	49	59	68	63	59	54	52	43	63
81			44	51	53	59	68	74	61	57	52	47	
82	47	54	57	51	52	58	62	66	58	63	55	44	76
MEAN	44.5	43.5	45.5	47.8	51.5	57.3	[illegible].6	65.2	58.8	54.3	49.5	45.6	66.1
S.D.	[illegible].694	3.452	3.407	3.031	4.36[illegible]	3.939	4.146	4.362	3.21[illegible]	3.013	3.[illegible]5	3.795	3.3P1
TOTAL OBS.	[illegible]9[illegible]	[illegible]4	1023	990	1023	[illegible]9[illegible]	1023	1023	99[illegible]	992	[illegible]50	1023	11903

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

STATION	STATION NAME	YEARS
[illegible]	ADAK, AK	50-82

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]											[illegible] 29		MAX TEMP DAYS
[illegible]										0	[illegible] 16		MAX TEMP DAYS
[illegible]		4[illegible] 1[illegible]											MAX TEMP DAYS
MEAN													
S D													
TOTAL OBS													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

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

WHOLE DEGREES FAHRENHEIT

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]	27	22	[illegible]	26	29	37	40	44	35	32		19	
61	13	28	25	24	34	36	37	40	38	34	29	24	13
62	23	16	18	26	34	36	38	43	32	35	23	14	14
63	15	19	20	26	29	37	42	42	39	30	19	13	13
64	21	15	19	29	33	35	40	39	39	31	32	19	15
65	17	17	29	27	30	37	38	41	36	29	3[illegible]	25	17
66	20	26	23	27	30	37	39	40	39	31	23	22	[illegible]
67	29	11	15	29	34	38	40	42	32	33	25	20	11
68	13	14	20	23	31	36	38	38	28	31	23	22	13
69	20	17	13	26	34	37	39	41	41	29	28	17	13
70	21	13	29	24	33	37	42	45	39	31	23	20	13
71	20	22	18	27	29	35	38	42	39	29	23	20	18
72	13	17	29	26	37	37	42	45	34	27	19	25	13
73	3	22	24	26	25	35	38	43	37	34	24	19	3
74	13	3	22	21	29	37	37	41	33	28	13	20	3
75	12	6	23	29	28	32	41	43	34	29	26	10	6
76	19	19	22	24	29	36	39	43	36	26	27	23	16
67	9	6	18	25	34	37	42	40	35	26	23	13	6
78	21	22	21	22	31	37	42	43	35	22	19	26	19
79	13	21	24	28	30	30	41	40	32	32	12	14	12
80	10	18	16	26	34	35	40	40	35	36	25	22	16
81	21	6	13	22	20	29	33	37	37			13	
82	17	23	18	25	30	32	40	37	31	30	13	17	13
83	16	10	16	26	29	31	36	41	35	32	26	19	10
84	28	22	24	29	31	33	40	42	36	30	29	12	12
85	6	19	15	29	31	36	36	45	34	33	30	18	6
86	19	22	22	22	30	33	34	43	35	29	18	11	11
87	17	18	21	24	32	36	42	46	38	32	24	25	17
88	22	16	14	30	29	37	42	41	36	31	27	24	14
89	20	26	17	24	28	40	41	42	35	31	19	8	8
MEAN													
S.D.													
TOTAL OBS.													

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

[illegible] | [illegible], NC | 51-82
STATION | STATION NAME | YEARS

WHOLE DEGREES FAHRENHEIT

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]	10	11	25	25	32	37	40	37	37	27	17	15	1[illegible]
[illegible]			23	30	31	37	39	37	35	31	24	20	
[illegible]	16	35	24	31	28	38	37	41	33	34	25	17	15
MEAN	17.[illegible]	17.[illegible]	22.8	26.2	30.5	35.6	38.2	40.6	35.5	30.5	22.0	18.4	12.[illegible]
S D	6.[illegible]29	6.363	4.611	2.534	3.134	2.572	2.351	3.083	2.774	2.929	4.676	4.722	4.371
TOTAL OBS.	993	9[illegible]4	1023	990	1023	990	1023	1023	990	992	930	1023	11903

SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

[illegible] | [illegible] | 50-82
STATION | STATION NAME | YEARS

WHOLE DEGREES FAHRENHEIT
/BASED ON LESS THAN FULL MONTHS/

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[illegible]											12 [illegible]		MIN TEMP DAYS
71										0	16 16		MIN TEMP DAYS
1		19 1[illegible]											MIN TEMP DAYS
MEAN													
S.D.													
TOTAL OBS.													

SMOS

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]4	ADAK, AK	73-82	JAN

PAGE 1

HOURS (L S T

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
46/ 45		.1	.2															6	6		
44/ 43		.6	.1															16	16	6	1
42/ 41	.0	1.3	.6			.0												49	49	20	6
40/ 39	1.2	1.5	1.4	.2														107	107	71	42
38/ 37	3.5	4.0	3.1	.4														269	269	151	110
36/ 35	3.1	8.3	5.3	1.5														451	451	233	128
34/ 33	3.4	10.3	6.1	.6														505	505	447	175
32/ 31	1.9	8.6	6.7	.2														428	428	457	300
30/ 29	1.1	4.7	4.0	.3														249	249	366	336
28/ 27	.9	4.6	1.6															175	175	323	277
26/ 25	.8	2.4	.9															102	102	199	245
24/ 23	.2	1.6	.2															49	49	99	220
22/ 21	.4	.7																27	27	52	196
20/ 19	.2	.5																18	18	21	201
18/ 17	.0	.3																9	9	10	102
16/ 15	.1	.1																5	5	6	59
14/ 13		.1	.0															3	3	4	46
12/ 11	.1	.0	.0															5	6	5	11
10/ 9	.0																	1	1	2	7
8/ 7	.0																	1	1	1	6
6/ 5																					2
4/ 3																					1
2/- 1																					1
-0/- 5																					1
TOTAL	16.9	49.8	30.1	3.2		.0												2475	2476	2475	2474

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.	16236586	198000	80.0	12.560	2474							
Dry Bulb	2706303	81053	32.7	4.627	2476		322.4					744.0
Wet Bulb	2402707	76243	30.8	4.672	2475		465.0					744.0
Dew Point	1899911	66711	27.0	6.392	2474	.6	605.1					744.0

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

[illegible] STATION | ADAK, AK STATION NAME | 73-82 YEARS | [illegible] MONTH

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] 51					.0													1	1		
[illegible] 47				.0														1	1		
46 / 45			.0	.1	.1													5	5		
44 / 43			.2	.7	.3													25	25	5	
42 / 41	.0	.3	1.2	.1														38	38	7	4
40 / 39	.4	1.9	1.6	.2	.0													91	91	42	11
38 / 37	2.1	3.6	3.1	1.1	.0													225	225	137	56
36 / 35	3.3	8.2	4.7	1.1														390	390	206	130
34 / 33	2.7	11.0	6.1	.5														457	457	415	170
32 / 31	2.7	7.7	6.2	.7														388	388	407	317
30 / 29	1.4	5.7	3.7	.3														248	249	359	285
28 / 27	1.6	3.2	2.0	.0														154	154	288	258
26 / 25	.6	2.3	1.3															94	94	156	214
24 / 23	.4	2.3	.4															72	72	102	208
22 / 21	.5	.9	.3															38	38	78	197
20 / 19	.1	.5	.1															14	14	29	146
18 / 17	.1	.1																5	5	11	117
16 / 15	.0	.2																5	5	6	71
14 / 13	.0																	1	1	4	37
12 / 11	.0	.0																2	2	2	23
[illegible] 9	.0																	1	1	1	8
[illegible] 7																					0
[illegible] 5																					1
TOTAL	19.1	48.1	31.4	4.3	.1														2256		2255
																		2255		2255	

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.	14563447	178941	79.4	12.706	2255							
Dry Bulb	2439729	73429	32.5	4.663	2256		304.7					672.0
Wet Bulb	2149726	69842	30.5	4.584	2255		439.6					672.0
Dew Point	1677395	59875	26.6	6.223	2255		561.4					672.0

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PSYCHROMETRIC SUMMARY

[illegible] STATION ADAK, AK STATION NAME 73-80 YEARS [illegible] MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
56 / 55		.1																3	3		
54 / 53		.1																2	2	4	
52 / 51		.1																2	2	2	
50 / 49																				1	1
48 / 47		.1	.1															4	4	1	2
46 / 45	.0	.2	.2	.0														10	10	6	7
44 / 43	.2	.7	.6	.1														37	37	15	6
42 / 41	.4	1.6	1.3	.9														103	103	33	12
40 / 39	1.1	3.8	3.5	.6														223	223	97	43
38 / 37	2.2	6.9	4.9	.5														325	325	268	131
36 / 35	2.8	11.7	7.1	.5														548	548	353	184
34 / 33	1.9	10.9	6.5	.4														491	491	545	232
32 / 31	1.1	4.6	4.8	.4														272	272	425	379
30 / 29	.4	3.5	2.7	.2														169	169	287	351
28 / 27	.4	2.7	1.0	.0														102	102	136	273
26 / 25	.4	1.6	.4															60	60	130	244
24 / 23	.4	1.1	.1															41	41	74	200
22 / 21	.1	.5																14	14	33	141
20 / 19	.2	.3	.1															8	8	15	102
18 / 17	.1	.1																5	5	4	77
16 / 15																				2	43
14 / 13																					17
12 / 11																					11
10 / 9																					1
8 / 7																					1
6 / 5																					1
TOTAL	19.7	70.3	37.2	3.3														2479	2479	2479	2479

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	16191949	198231	80.0	11.615	2477							
Dry Bulb	2998102	85496	34.5	4.469	2479		201.4					744.0
Wet Bulb	2756015	80379	32.4	4.529	2480		347.1					744.0
Dew Point	2129918	71100	28.7	6.076	2480		554.7					744.0

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PSYCHROMETRIC SUMMARY

[illegible] STATION [illegible], Ar STATION NAME 73-[illegible] YEARS [illegible] MONTH

[illegible] HOURS [illegible]

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31	TOTAL D.B. W.B	Dry Bulb	TOTAL Wet Bulb	Dew Point
[illegible] / 48				.1														1	1		
[illegible] / 47			.2	.2	.1													10	10		
[illegible] / 45	.1	1.1	.4	.2														38	38	9	[illegible]
[illegible] / 43	.3	2.5	.7	.7	.1													104	104	45	14
[illegible] / 41	1.4	4.3	2.1	1.5	.4													252	252	122	67
[illegible] / 39	2.2	5.4	4.8	2.1														346	348	193	121
[illegible] / 37	1.5	9.2	7.4	2.1	.2													489	489	290	147
[illegible] / 35	1.8	10.2	8.3	.7														509	509	473	221
34 / 33	.6	7.4	7.3	.5														374	374	497	270
32 / 31	.1	3.2	2.9	.2														155	155	383	326
[illegible] / 29	.2	1.3	1.3															78	78	246	306
[illegible] / 27	.1	1.3	.3															31	31	91	293
[illegible] / 25		.2	.1															7	7	41	252
24 / 23	.1	.1																4	4	11	132
[illegible] / 21																				1	129
[illegible] / 19																					53
[illegible] / 17																					27
16 / 15																					7
TOTAL	.3	46.5	36.3	8.3	.5														2400		2400
																		2400		2400	

Element X.	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≤73 F	≥80 F	≥93 F	Total
Rel. Hum.	1[illegible]124913	189339	78.5	11.693	2400							
Dry Bulb	[illegible]280400	88272	36.8	3.759	2400		82.5					720.0
Wet Bulb	[illegible]69786	82452	34.4	3.424	2400		231.3					720.0
Dew Point	[illegible]29315[illegible]	72964	30.4	5.588	2400		464.4					720.0

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS _____ ST

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
84 / 83				.0													1	1		
82 / 81			.1	.0													3	3		
80 / 79		.1	.4	.2	.0												10	10		
78 / 77		.4	.5	.3	.2												73	33		
76 / 75	.1	1.7	2.2	1.3	.2												135	135	26	0
74 / 73	.7	4.6	4.7	2.1	.1												301	301	104	41
72 / 71	3.1	6.7	6.9	1.9	.0												513	513	292	124
70 / 69	1.6	13.5	7.5	1.2	.0												591	591	480	231
68 / 67	1.9	11.4	4.8	.5													461	461	617	318
66 / 65	.6	7.4	3.4	.4													291	291	469	457
64 / 63	.2	2.9	1.2	.0													100	100	317	447
62 / 61	.1	.6	.5														29	29	111	341
60 / 59	.1	.1															4	4	45	234
58 / 57																			6	139
56 / 55																				8
54 / 53																				44
52 / 51																				13
50 / 49																				2
48 / 47																				1
TOTAL	.4	.8	32.2	7.9	.6												2480	2480	2480	2480

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel Hum	1 461125	200153	80.7	10.863	2480							
Dry Bulb	947099	98589	79.8	3.357	2480		9.9					744.0
Wet Bulb	349657 5	92763	77.4	3.289	2480		49.5					744.0
Dew Point	2927236	84468	74.1	4.503	2480		257.7					744.0

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PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

Temp F	WET BULB TEMPERATURE DEPRESSION F																												TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9	10	11-12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	≥31	DB	WB	Dry Bulb	Wet Bulb	Dew Point
[illegible]		.1																										1		1		
[illegible]		.2		.1			.2																					2		2		
[illegible]		.2	.1	.1			.2			.1																		6		6	1	
[illegible]		.3	.1	.1	.1		.1	.1																				8		8	1	
[illegible]	.2	.3	.1	.1	.1		.1																					17		17	6	
[illegible]		.3	.5	.4	.2		.1																					45		45	12	
[illegible]		1.2	.4	.5	.3		.1																					41		41	22	.1
[illegible]	.2	.6	2.3	1.2	.2																							146		146	54	.7
[illegible]	.1	1.1	3.1	2.1	.3																							333		333	111	.1
[illegible]	1.1	1.5	2.1	1.2	.2																							526		526	210	1.0
[illegible]	.7	1.5	1.5	.2																								576		576	222	.2
[illegible]	.6	1.2	1.7	.1																								466		466	134	.3
[illegible]	1.1	.7	.4																									198		198	47	.1
[illegible]	.4	.1																										57		57	41	
[illegible]	.2	.3																										19		19	4	
[illegible]		.3																										4		4	1	
[illegible]		.1																										1		1		
[illegible]																														1		1
[illegible]	.5	.2	.1	.1	.1		.1		.1																							
																												2400		2400		

Element X	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature					
						≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤93 F	Total
Rel. Hum	[illegible]	[illegible]	83.7	[illegible]	2400							
Dry Bulb	[illegible]	106711	44.5	3.726	2400		.2					[illegible]
Wet Bulb	[illegible]	[illegible]	42.2	3.425	2400		.2					[illegible]
Dew Point	[illegible]	95114	39.6	4.165	2400		17.1					[illegible]

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PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

PAGE 1

HOURS (L S T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. & W.B.	TOTAL 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				
98 / 97						•												1	1		
96 / 95					•													1	1		
94 / 93					•													1	1		
92 / 91			•	•														3	3		
90 / 89			•															1	1		
88 / 87			•															1	1	3	
86 / 85																				4	
84 / 83																				1	4
82 / 81																					
80 / 79					•													2	2		
78 / 77				•														3	3		
76 / 75		•	•	•														4	4		
74 / 73			•	•			•											5	5	3	
72 / 71		•	•	•			•	•										17	17	6	2
70 / 69	•	•	•	•		•	•											30	30	12	6
68 / 67	•	1	1	1	•	•	1											119	119	31	25
66 / 65	•	•	2	1	•		•											171	171	67	40
64 / 63	•	4	5	1	•													305	305	142	75
62 / 61	•	5	7	1	•													447	447	269	141
60 / 59	1	11	4	1														504	504	488	253
58 / 57	1	10	3	•														523	523	621	497
56 / 55	1	7	1															256	256	564	522
54 / 53	•	1	•															71	71	250	473
52 / 51	•	•	•															10	10	50	274
50 / 49		•	•															3	3	12	119
48 / 47		•																1	1	3	46
46 / 45		•																1	1	2	12
44 / 43																					2
42 / 41																					1
TOTAL	•	1	•	•	•	•	•	•										2480		2480	
																		2480		2481	

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	13387426	218470	88.9	9.783	2479							
Dry Bulb	5387062	120352	48.5	4.730	2480			3.0	2.4	1.9		744.0
Wet Bulb	5338056	114672	46.2	3.846	2480			2.4	2.4			744.0
Dew Point	4947436	109110	44.0	4.359	2480		2.4	2.4	2.4			744.0

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PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

PAGE 1

HOURS (L S T

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31	TOTAL D.B./W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
90 / 86							.0											1	1		
88 / 87						.1												2	2		
82 / 81				.2														4	4		
81 / 79				.2														1	1		
78 / 77																				3	
76 / 75																				4	
74 / 73																				1	7
72 / 71					.0				.0									2	2		1
69 / 67				.1														2	2		
67 / 65							.2	.2										2	2		
64 / 63		.1	.0	.0														3	3	1	
62 / 61		.1	.1	.1														8	8	3	
60 / 59		.2	.2	.1														13	13	6	2
58 / 57	.3	.9	.7	.3	.2													54	54	11	1
56 / 55	.3	2.3	2.7	1.1	.3													168	168	54	27
54 / 53	.1	4.5	4.0	1.0	.2													295	295	94	54
52 / 51	.1	12.2	8.4	.9														536	538	303	139
50 / 49	.4	17.9	7.5	.2														645	645	527	319
48 / 47	.5	16.7	2.3															481	481	735	509
46 / 45	.5	7.1	.6															204	204	567	683
44 / 43	.2	1.2	.1															40	40	140	476
42 / 41	.1	.2	.1															11	11	19	181
40 / 39		.2	.2															6	6	6	53
38 / 37																				6	13
36 / 35																					5
34 / 33																					2
TOTAL	2.3	85.7	26.8	4.1	.6	.1	.1	.0	.0										2480		2480
																	2480		2480		

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	1,606,319	217,941	86.3	7.788	2480							
Dry Bulb	843,859	125,773	50.4	3.915	2480			3.6	2.4	2.4		748.0
Wet Bulb	577,632	114,662	48.2	3.337	2480			2.4	2.4			744.0
Dew Point	536,328	114,956	46.4	3.606	2480			2.4	2.4			744.0

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PSYCHROMETRIC SUMMARY

[illegible] 4 [illegible], AK 73-[illegible] [illegible]
STATION STATION NAME YEARS MONTH

PAGE 1
HOURS [illegible] S T

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥31	TOTAL D.B W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 62			.1	.1													2	2		
[illegible] / 59			.2														4	4	1	
[illegible] / 57		.2	.1		.1												10	10	3	
56 / 55	.1	.6	.4	.6	.1	.1											45	45	14	11
54 / 53	.7	1.5	2.7	1.8	.3												159	159	27	20
52 / 51	.5	3.3	5.8	2.1	.4	.1											289	289	69	43
50 / 49	.3	6.2	8.6	2.5	.4												435	435	214	76
48 / 47	.5	13.3	8.7	2.3	.2												579	579	425	172
46 / 45	.2	12.0	5.5	2.1	.1												473	473	624	351
44 / 43	.2	5.2	3.9	1.1													252	252	490	489
42 / 41	.2	1.7	1.3	.1													80	80	275	419
40 / 39	.2	.8	.6	.1													41	41	154	292
38 / 37	.1	.6	.3														17	17	62	216
36 / 35		.4	.1														11	11	23	147
34 / 33			.1														3	3	10	58
32 / 31																			3	60
[illegible] / 29																			[illegible]	14
[illegible] / 27																				[illegible]
[illegible] / 25																				4
[illegible]	2.5	45.6	37.5	13.7	1.6	.1												2400		2400
																	2400		2400	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	15794325	194435	81.0	10.043	2400							720.0
Dry Bulb	5495434	114460	47.7	3.632	2400							720.0
Wet Bulb	4871617	107789	44.9	3.577	2400		1.5					720.0
Dew Point	4269686	100610	41.9	4.657	2400		24.3					720.0

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PSYCHROMETRIC SUMMARY

257 4 — STATION
ADAK, AK — STATION NAME
73-82 — YEARS
OCT — 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
57 / 57		.3																1	1		
56 / 55		.1	.1															5	5	1	
54 / 53		.2	.3	.0														13	13	4	2
52 / 51	.1	.8	.6	.2	.1	.0												47	47	13	7
50 / 49	.2	1.5	1.9	.9	.2													114	114	37	22
48 / 47	.4	3.2	3.2	2.4	.4													239	239	90	47
46 / 45	.5	5.2	6.3	2.7	.5													376	376	174	76
44 / 43	.4	6.7	9.0	3.5	.3													492	492	285	101
42 / 41	.6	5.6	9.2	2.9	.1													458	458	411	180
40 / 39	.4	5.0	7.3	2.0	.1													367	367	484	302
38 / 37	.2	4.3	2.5	.4														181	181	443	346
36 / 35	.2	2.7	1.2	.1														105	105	293	336
34 / 33	.2	1.4	.4															49	49	161	369
32 / 31		1.0	.1															28	28	56	283
30 / 29	.0	.1																4	4	34	199
28 / 27		.0																1	1	3	130
26 / 25																				1	63
24 / 23																					24
22 / 21																					10
20 / 19																					1
18 / 17																					1
TOTAL	.3	7.9	42.1	15.1	1.5	.0													2480		2480
																		2480		2480	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	10766903	191479	77.2	10.683	2480							
Dry Bulb	4543148	105704	42.6	4.153	2480		9.9					744.0
Wet Bulb	3942239	90335	36.7	4.171	2490		28.2					744.0
Dew Point	3234097	88553	35.7	5.429	2480		213.3					744.0

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PSYCHROMETRIC SUMMARY

25714 (STATION) ADAK, AK (STATION NAME) 73-97 (YEARS) NOV (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
56/ 55				.1														1	1		
52/ 51			.1															2	2		
50/ 49		.2	.2	.1														12	12	3	
48/ 47	.0	.3	.2	.0														15	15	10	4
46/ 45	.6	1.3	.7	.3	.0													72	72	28	28
44/ 43	1.2	2.7	2.5	1.0	.0													176	176	79	39
42/ 41	1.7	3.0	5.3	1.6														265	265	113	58
40/ 39	1.2	7.1	9.0	2.2	.1													471	471	222	91
38/ 37	1.7	8.5	8.7	1.6	.1													494	494	418	169
36/ 35	.9	8.3	6.5	1.2	.0													406	406	452	246
34/ 33	.2	5.5	4.6	.6														263	263	492	307
32/ 31	.0	2.7	2.1	.3														124	124	281	364
30/ 29	.2	1.2	.7															53	53	176	341
28/ 27	.2	.8	.1															27	27	83	287
26/ 25	.0	.3																9	9	29	192
24/ 23		.2																4	4	10	96
22/ 21		.2																4	4	3	89
20/ 19		.1																2	2	3	53
18/ 17																				2	22
16/ 15																					9
14/ 13																					3
12/ 11																					2
TOTAL	9.5	42.3	40.3	9.0	.3													2400		2400	
																		2400		2400	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	14062487	196884	77.9	11.377	2400							
Dry Bulb	3490630	90470	37.7	4.098	2400		66.9					720.0
Wet Bulb	3005528	84332	35.1	4.196	2400		174.9					720.0
Dew Point	2402065	74681	31.1	5.709	2400		437.4					720.0

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

25704 (STATION) ADAK, AK (STATION NAME) 73-82 (YEARS) DEC (MONTH)

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
48/ 47		.2	.0															5	5		
46/ 45	.0	.1	.2															8	8	5	
44/ 43	.0	.6	.8	.0														38	38	7	6
42/ 41	.4	2.5	1.3															101	101	36	9
40/ 39	1.5	4.3	3.1	.2														227	227	139	59
38/ 37	1.7	6.8	7.0	1.0														390	390	191	116
36/ 35	.8	10.3	6.5	1.1														462	462	283	140
34/ 33	1.0	9.0	8.3	1.4														487	487	525	206
32/ 31	.6	5.6	5.1	.3														288	288	405	344
30/ 29	.5	4.2	3.8	.2														214	214	322	318
28/ 27	.2	3.2	1.7															128	128	257	244
26/ 25	.0	1.5	.3															45	45	169	256
24/ 23	.1	.8	.1															25	25	59	194
22/ 21	.0	.9																23	24	27	207
20/ 19		.6																14	14	16	159
18/ 17	.1	.2																9	9	19	96
16/ 15	.0	.1																3	3	6	52
14/ 13		.2																5	5	5	32
12/ 11																				1	21
10/ 9	.0																	1	1	1	6
8/ 7																					2
6/ 5																					1
TOTAL	6.4	81.2	38.2	4.2														2473	2474	2473	2473

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.	1126517	191333	77.4	11.727	2471							
Dry Bulb	2943999	84561	34.2	4.660	2474		227.4					744.0
Wet Bulb	2563217	78771	31.9	4.711	2473		387.2					744.0
Dew Point	1981603	68233	27.6	6.327	2473		582.7					744.0

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

[illegible] STATION | ADAK, AK STATION NAME | 73-82 YEARS | ALL 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] / 89							.0											1	1		
88 / 87						.0												3	3		
86 / 85					.0													1	1		
84 / 83					.0													1	1		
[illegible] / 81			.0	.0														7	7		
[illegible] / 79			.0	.0														2	2		
78 / 77			.0															1	1	6	
76 / 75																				8	2
74 / 73																				2	11
72 / 71					.0				.0									2	2		7
69 / 67				.0	.0													4	4		
66 / 65				.0			.0	.0										5	5		
64 / 63		.0	.0	.0														10	10	1	
62 / 61		.0	.0	.0		.0	.0											16	16	7	
60 / 59		.0	.0	.0		.1	.0	.0										39	39	16	7
58 / 57	.0	.1	.1	.1	.0	.0	.0											103	103	27	16
56 / 55	.0	.4	.4	.2	.1	.0	.0											358	358	109	62
54 / 53	.0	1.0	.9	.4	.1	.0	.0											697	687	209	130
52 / 51	.1	1.9	1.9	.4	.1	.0												1248	1248	562	287
50 / 49	.2	3.1	2.4	.5	.1													1832	1832	1109	601
48 / 47	.2	4.4	1.9	.7	.1													2144	2144	1848	1048
46 / 45	.4	4.6	2.2	.7	.1													2356	2356	2360	1790
44 / 43	.7	3.8	2.7	.8	.0													2313	2313	2271	1954
42 / 41	.9	3.5	3.0	.8	.0	.0												2407	2407	2122	1922
40 / 39	.9	4.1	3.4	.7	.0													2680	2680	2420	1989
38 / 37	1.3	4.8	3.4	.6	.0													2971	2971	2815	2151
36 / 35	1.1	5.7	3.6	.6	.0													3192	3192	2831	2390
34 / 33	.9	4.8	3.4	.7														2734	2734	3423	2442
32 / 31	.5	2.8	2.4	.2														1713	1713	2529	2764
30 / 29	.3	1.8	1.3	.1														1019	1020	1841	2392
28 / 27	.3	1.3	.5	.0														618	618	1237	1906
26 / 25	.1	.7	.2															317	317	723	1545
24 / 23	.1	.5	.1															195	195	354	1173
22 / 21	.1	.3	.0															106	107	194	963

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

25734 — STATION
ADAK, AK — STATION NAME
73-82 — YEARS
ALL — MONTH
PAGE 2 — 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
21 / 19	.0	.1	.0															56	56	84	724
18 / 17	.0	.1																28	28	46	439
16 / 15	.0	.0																13	13	23	239
14 / 13	.0	.0	.0															9	9	13	137
12 / 11	.0	.0	.0															7	8	9	69
10 / 9	.0																	3	3	4	22
8 / 7	.0																	1	1	1	17
6 / 5																					6
4 / 3																					1
2 / 1																					1
0 / -1																					1
TOTAL	.0	.0	.0	7.1	.6	.1	.0	.0	.0									29205		29202	
																		29202		29203	

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.	193386940	2353191	80.6	11.298	29197							
Dry Bulb	48813066	1174168	40.2	7.416	29205		1225.4	6.6	4.9	4.2		8760.0
Wet Bulb	43402833	1105565	37.9	7.281	29203		2116.2	4.9	4.9			8760.0
Dew Point	36835049	1006375	34.5	8.586	29202	.6	3720.5	4.9	4.9			8760.0

NAVWEASERVCOM

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

[illegible] APAC, AK — 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	31.[illegible]	31.[illegible]	33.4	35.3	37.8	42.4	46.6	48.9	46.2	41.[illegible]	37.0	33.[illegible]	38.9
	S. D.	[illegible].021	4.643	4.455	3.441	2.796	3.1[illegible]	3.728	3.302	3.436	4.095	4.378	4.946	7.[illegible]55
	TOTAL OBS	309	282	310	300	310	300	310	310	300	310	300	310	3651
	MEAN	31.[illegible]	31.[illegible]	33.2	35.1	37.7	42.2	46.2	48.7	46.0	41.3	36.8	33.5	38.7
	S. D.	5.267	4.820	4.467	3.540	2.927	3.034	3.802	3.540	3.493	4.155	4.296	4.906	7.072
	TOTAL OBS	309	282	310	300	310	300	310	310	300	310	300	309	3650
	MEAN	[illegible].[illegible]	31.3	33.1	35.4	38.7	43.1	47.0	49.0	46.[illegible]	41.2	36.9	33.[illegible]	38.[illegible]
	S. D.	[illegible].040	5.[illegible]54	4.421	3.595	2.818	2.838	3.660	3.278	3.592	4.200	4.193	4.919	7.174
	TOTAL OBS	309	282	309	300	310	300	310	310	300	310	300	309	3649
	MEAN	32.[illegible]	33.[illegible]	35.3	37.9	41.[illegible]	45.5	49.6	51.5	49.2	43.8	39.1	34.4	41.1
	S. D.	4.530	4.370	4.057	3.434	2.627	3.262	3.953	3.617	2.891	3.656	3.728	4.519	7.504
	TOTAL OBS	309	282	310	300	310	300	310	310	300	310	300	310	3651
	MEAN	34.5	34.6	36.6	39.1	42.5	47.3	51.4	53.[illegible]	50.4	45.2	39.6	35.7	42.5
	S. D.	3.525	4.061	4.139	3.431	3.226	3.624	4.431	3.901	2.932	3.650	3.551	3.692	7.492
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
	MEAN	33.[illegible]	34.1	36.1	38.[illegible]	42.[illegible]	47.0	51.1	52.6	49.8	44.3	38.6	34.9	42.[illegible]
	S. D.	3.641	4.040	4.125	3.446	2.954	3.565	4.124	3.561	2.963	3.664	3.559	4.166	7.570
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
	MEAN	32.[illegible]	32.2	34.3	36.9	40.1	45.0	49.1	50.6	47.5	42.2	37.5	34.[illegible]	40.2
	S. D.	4.357	4.442	4.219	3.261	2.698	3.115	3.695	3.149	2.862	3.626	3.854	4.621	7.330
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
	MEAN	32.4	31.[illegible]	33.7	35.7	38.4	43.2	47.2	49.2	46.5	41.6	37.1	33.7	39.[illegible]
	S. D.	4.704	4.698	4.405	3.330	2.725	2.984	3.619	3.137	3.357	4.001	4.327	4.945	7.061
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
ALL HOURS	MEAN	32.[illegible]	32.5	34.5	36.8	39.8	44.5	48.5	50.4	47.7	42.6	37.7	34.[illegible]	40.2
	S. D.	4.627	4.663	4.470	3.759	3.351	3.727	4.331	3.816	3.632	4.154	4.098	4.661	7.417
	TOTAL OBS	2476	2256	2479	2400	2480	2400	2480	2480	2400	2480	2400	2474	29205

NAVWEASERVCOM

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

[illegible] A[illegible], A[illegible] 73-80

STATION STATION NAME YEARS

HRS L.S.T.		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
	MEAN	30.2	29.9	31.7	33.2	36.[illegible]	40.9	44.9	47.1	43.9	38.9	34.6	31.4	36.9
	S. D.	5.048	4.623	4.612	3.796	3.060	3.250	3.608	3.152	3.677	4.203	4.381	4.927	7.178
	TOTAL OBS	309	282	313	300	310	300	310	310	300	310	300	310	3651
	MEAN	30.2	29.7	31.5	33.0	35.9	40.6	44.7	47.0	43.9	38.8	34.5	31.2	36.9
	S. D.	5.265	4.786	4.588	3.805	3.179	3.118	3.731	3.334	3.698	4.319	4.371	4.957	7.143
	TOTAL OBS	309	282	313	300	310	300	310	310	300	310	300	309	3650
	MEAN	30.2	29.6	31.4	33.4	36.6	41.4	45.4	47.2	43.9	38.7	34.6	31.4	37.0
	S. D.	5.034	5.027	4.551	3.896	3.19[illegible]	2.942	3.591	3.[illegible]68	3.641	4.312	4.287	4.953	7.241
	TOTAL OBS	309	282	313	300	310	300	310	310	300	310	300	309	3650
	MEAN	31.0	31.0	33.1	35.2	38.4	43.0	47.1	49.1	46.2	40.7	35.6	32.1	38.6
	S. D.	4.462	4.435	4.207	3.742	2.826	3.150	3.737	3.145	3.032	3.832	3.890	4.658	7.341
	TOTAL OBS	308	281	310	300	310	300	310	310	300	310	300	309	3648
	MEAN	32.2	32.1	33.9	36.2	39.4	44.2	48.1	50.0	46.7	41.4	36.5	33.1	39.5
	S. D.	3.814	3.979	4.296	3.713	3.125	3.344	3.811	3.270	3.028	3.753	3.813	3.972	7.223
	TOTAL OBS	310	282	313	300	310	300	310	310	300	310	300	309	3651
	MEAN	31.5	31.6	33.5	35.8	38.9	44.0	47.8	49.8	46.2	40.8	35.8	32.4	39.1
	S. D.	3.945	4.021	4.260	3.734	2.964	3.360	3.689	3.139	3.095	3.749	3.793	4.288	7.311
	TOTAL OBS	312	282	310	300	310	300	310	310	300	310	300	309	3651
	MEAN	31.7	31.7	32.2	34.5	37.5	42.6	46.5	48.3	44.7	39.2	35.0	31.6	37.8
	S. D.	4.493	4.416	4.421	3.641	2.925	3.087	3.438	2.944	3.255	3.957	4.092	4.693	7.245
	TOTAL OBS	312	282	313	300	312	300	310	310	300	310	300	309	3651
	MEAN	30.5	30.1	31.9	33.5	36.4	41.4	45.3	47.3	44.[illegible]	38.8	34.6	31.5	37.2
	S. D.	4.764	4.681	4.586	3.692	3.006	3.114	3.488	2.961	3.575	4.194	4.458	4.683	7.099
	TOTAL OBS	310	282	313	300	310	300	310	310	300	310	300	309	3651
ALL HOURS	MEAN	30.9	30.5	32.4	34.4	37.4	42.2	46.2	48.2	44.9	39.7	35.1	31.9	37.9
	S. D.	4.673	4.585	4.53[illegible]	3.925	3.299	3.426	3.846	3.339	3.571	4.172	4.196	4.711	7.282
	TOTAL OBS	2475	2255	2480	2400	2483	2400	2480	2480	2400	2480	2400	2473	29203

NAVWEASERVCOM

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

[illegible] ATAR, AR 73-82

STATION STATION NAME YEARS

HRS. (L.S.T.)		JAN.	FEB	MAR.	APR	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
	MEAN	26.6	26.2	28.5	29.7	33.2	38.8	43.2	45.6	41.4	35.3	30.8	27.2	33.9
	S. D.	6.581	6.169	6.108	5.357	4.265	4.000	4.151	3.484	4.842	5.384	5.737	6.396	8.444
	TOTAL OBS	309	282	310	300	310	300	310	310	300	310	300	310	3651
	MEAN	26.5	26.1	28.1	29.6	33.1	38.8	43.1	45.4	41.3	35.3	30.6	27.1	33.9
	S. D.	6.578	6.364	6.098	5.364	4.447	3.809	4.311	3.575	4.767	5.446	5.837	6.616	8.529
	TOTAL OBS	309	282	310	300	310	300	310	310	300	310	300	309	3651
	MEAN	26.4	25.8	28.1	29.9	34.0	39.3	43.7	45.3	41.4	35.2	30.8	27.2	34.0
	S. D.	6.708	6.702	6.109	5.496	4.599	3.762	4.118	3.426	4.629	5.445	5.689	6.598	8.665
	TOTAL OBS	309	282	310	300	310	300	310	310	300	310	300	309	3650
	MEAN	27.2	27.0	29.3	31.0	34.9	40.2	44.7	47.1	43.0	36.8	31.6	27.8	35.1
	S. D.	6.272	6.213	5.861	5.638	4.413	4.118	4.569	3.455	4.328	5.228	5.508	6.413	8.661
	TOTAL OBS	309	281	310	300	310	300	310	310	300	310	300	309	3649
	MEAN	27.9	27.6	29.4	31.6	35.2	40.6	45.1	47.6	42.9	36.6	31.9	28.7	35.5
	S. D.	6.312	6.251	6.155	5.819	4.665	4.571	4.517	3.744	4.5[illegible]	5.358	5.639	5.944	8.613
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
	MEAN	27.4	27.1	29.1	31.2	34.8	40.5	44.7	47.3	42.4	36.2	31.6	27.9	35.1
	S. D.	6.026	5.966	6.023	5.770	4.604	4.519	4.488	3.671	4.523	5.292	5.442	6.047	8.628
	TOTAL OBS	309	282	310	300	310	300	310	310	300	310	300	309	3650
	MEAN	27.0	26.4	28.6	30.4	33.8	39.8	44.0	46.3	41.6	35.2	30.9	27.5	34.3
	S. D.	6.286	6.113	6.034	5.506	4.338	4.135	4.185	3.454	4.537	5.484	5.818	6.271	8.550
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
	MEAN	26.9	26.7	28.4	29.8	33.5	39.1	43.4	45.8	41.3	35.1	30.7	27.4	34.0
	S. D.	6.470	6.249	6.141	5.418	4.238	3.920	4.080	3.365	4.712	5.533	5.892	6.254	8.449
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
ALL HOURS	MEAN	27.0	26.6	28.7	30.4	34.1	39.6	44.0	46.4	41.9	35.7	31.1	27.6	34.5
	S. D.	6.393	6.223	6.076	5.589	4.504	4.165	4.358	3.607	4.657	5.428	5.710	6.328	8.586
	TOTAL OBS	2474	2255	2480	2400	2480	2400	2480	2480	2400	2480	2400	2473	29202

RELATIVE HUMIDITY

[illegible] A[illegible], A[illegible] [illegible] JAN

STATION STATION NAME [illegible] MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (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]	100.0	100.0	[illegible]	99.7	96.4	80.3	[illegible]	23.9	81.2	309
	[illegible]	[illegible]	100.0	100.0	[illegible]	99.7	94.8	78.0	55.7	24.3	[illegible]	[illegible]
	[illegible]	100.0	100.0	100.0	100.0	99.4	92.9	77.3	54.0	25.6	[illegible]	[illegible]
	1	100.0	100.0	100.0	100.0	99.7	92.9	73.4	51.9	29.2	80.4	[illegible]
	1[illegible]	100.0	100.0	100.0	100.0	98.7	89.1	67.1	45.2	21.6	77.8	312
	1[illegible]	100.0	100.0	100.0	9.7	98.7	92.2	72.6	46.6	19.1	78.4	[illegible]
	1[illegible]	100.0	100.0	100.0	100.0	99.0	94.2	78.4	54.2	24.2	[illegible]	[illegible]
	[illegible]	100.0	100.0	100.0	100.0	99.4	93.9	80.6	52.9	23.5	[illegible]	311
TOTALS		[illegible]	100.0	100.0	[illegible]	99.7	93.2	75.7	51.9	23.8	[illegible]	2474

NAVWEASERVCOM

RELATIVE HUMIDITY

3

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
[illegible]	[illegible]	100.0	100.0	100.0	100.0	99.6	96.1	76.2	50.7	[illegible]	[illegible]	[illegible]
	[illegible]	100.0	100.0	100.0	100.0	99.9	[illegible]	[illegible]	55.7	[illegible]	[illegible]	[illegible]
	[illegible]	100.0	100.0	100.0	100.0	[illegible]	[illegible]	78.7	51.4	25.5	[illegible]	[illegible]
	[illegible]	100.0	100.0	100.0	100.0	98.9	92.9	74.0	47.0	22.8	79.4	[illegible]
	[illegible]	100.0	100.0	100.0	100.0	[illegible]	94.4	63.9	40.1	19.5	76.4	[illegible]
	[illegible]	100.0	100.0	100.0	100.0	98.9	98.7	64.5	40.1	17.7	76.6	[illegible]
	[illegible]	100.0	100.0	100.0	100.0	100.0	94.0	77.0	[illegible]	24.5	79.9	[illegible]
	[illegible]	100.0	100.0	100.0	100.0	99.6	94.7	79.1	52.5	24.1	80.3	[illegible]
TOTALS		100.0	100.0	100.0	100.0	[illegible]	92.6	73.9	48.4	23.3	79.4	[illegible]

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3

RELATIVE HUMIDITY

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]										
TOTALS		[illegible]										

RELATIVE HUMIDITY

STATION | STATION NAME | 73-92 PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
		100.0	100.0	100.0	100.0	100.0	98.3	79.7	50.0	19.7	80.5	300
		100.0	100.0	100.0	100.0	100.0	97.3	81.0	55.0	21.0	80.9	300
		100.0	100.0	100.0	100.0	100.0	97.3	79.3	54.7	23.0	81.1	300
		100.0	100.0	100.0	99.7	99.3	93.3	67.0	42.7	15.0	77.2	300
		100.0	100.0	100.0	100.0	97.0	81.7	59.3	42.3	17.0	75.7	300
		100.0	100.0	100.0	100.0	98.7	82.3	60.3	37.7	14.7	75.0	300
		100.0	100.0	100.0	100.0	100.0	92.0	64.0	43.3	18.7	77.8	300
		100.0	100.0	100.0	100.0	100.0	97.3	74.3	47.0	22.3	79.7	300
TOTALS		100.0	100.0	100.0	100.0	99.4	92.1	70.6	46.6	18.9	78.5	2400

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RELATIVE HUMIDITY

[illegible] [illegible], AK 73-82 MAY

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MY	01	100.0	100.0	100.0	100.0	100.0	99.0	90.3	70.3	24.5	84.0	310
	04	100.0	100.0	100.0	100.0	100.0	99.0	90.3	67.4	24.8	84.1	310
	07	100.0	100.0	100.0	100.0	100.0	97.7	88.1	64.8	26.8	83.7	310
	10	100.0	100.0	100.0	100.0	100.0	93.5	75.8	50.6	16.8	79.6	310
	13	100.0	100.0	100.0	100.0	99.0	88.1	69.0	37.1	13.2	76.3	310
	16	100.0	100.0	100.0	100.0	99.0	90.3	64.5	40.3	12.9	76.4	310
	19	100.0	100.0	100.0	100.0	100.0	95.2	76.5	44.8	12.3	78.9	310
	22	100.0	100.0	100.0	100.0	100.0	98.4	87.1	64.2	21.3	82.7	310
TOTALS		100.0	100.0	100.0	100.0	99.9	95.2	80.2	54.9	19.1	80.7	2480

NAVWEASERVCOM

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
[illegible]	ANAK, AK	73-82	JUN

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	01	100.0	100.0	100.0	100.0	99.7	99.7	97.0	79.7	37.0	87.2	300
	04	100.0	100.0	100.0	100.0	99.7	99.7	97.3	82.3	42.3	88.0	300
	07	100.0	100.0	100.0	100.0	100.0	99.3	95.7	75.3	38.7	86.9	300
	10	100.0	100.0	100.0	100.0	99.7	96.7	88.3	56.0	25.7	82.2	300
	13	100.0	100.0	100.0	99.7	98.7	92.3	76.0	45.0	13.0	78.3	300
	16	100.0	100.0	100.0	99.7	98.7	93.0	77.3	45.3	14.0	78.7	300
	19	100.0	100.0	100.0	100.0	100.0	98.7	85.0	57.0	23.7	82.5	300
	22	100.0	100.0	100.0	100.0	100.0	100.0	98.0	71.7	32.3	86.1	300
TOTALS		100.0	100.0	100.0	99.9	99.6	97.4	89.3	64.0	29.3	83.7	2400

NAVWEASERVCOM

RELATIVE HUMIDITY

25704 ANAK, AK 73-82 JUL

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	01	100.0	100.0	100.0	100.0	100.0	100.0	96.7	86.5	37.4	88.4	310
	04	100.0	100.0	100.0	100.0	100.0	99.7	99.0	87.1	40.6	89.0	310
	07	100.0	100.0	100.0	100.0	100.0	100.0	99.4	84.8	40.0	88.6	310
	10	100.0	100.0	100.0	99.7	99.4	98.1	92.6	63.2	23.5	83.7	310
	13	100.0	100.0	100.0	99.4	99.0	96.8	84.2	46.8	11.9	79.6	310
	16	100.0	100.0	100.0	99.7	99.0	97.4	80.3	47.2	12.9	79.6	309
	19	100.0	100.0	100.0	99.7	99.4	98.7	91.6	63.2	21.0	83.3	310
	22	100.0	100.0	100.0	100.0	100.0	99.7	97.7	81.9	31.0	87.0	310
TOTALS		100.0	100.0	100.0	99.8	99.6	98.8	92.9	70.1	27.3	84.9	2479

NAVWEASERVCOM

RELATIVE HUMIDITY

STATION [illegible] ADAK, AK STATION NAME 73-82 PERIOD AUG 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%		
AUG	01	100.0	100.0	100.0	100.0	100.0	100.0	99.4	88.4	38.5	88.5	310
	04	100.0	100.0	100.0	100.0	100.0	100.0	99.4	89.7	41.0	88.7	310
	07	100.0	100.0	100.0	100.0	100.0	100.0	99.7	88.4	42.6	89.1	310
	10	100.0	100.0	100.0	100.0	100.0	99.7	94.8	70.3	26.1	85.2	310
	13	100.0	100.0	100.0	99.7	99.7	97.1	89.0	59.4	17.1	82.3	310
	16	100.0	100.0	100.0	99.7	99.7	98.1	91.0	58.1	17.1	82.5	310
	19	100.0	100.0	100.0	100.0	99.7	99.7	96.5	72.9	24.2	85.5	310
	22	100.0	100.0	100.0	100.0	100.0	100.0	99.4	86.8	37.7	88.2	310
TOTALS		100.0	100.0	100.0	99.9	99.9	99.3	96.2	76.8	30.2	86.3	2480

NAVWEASERVCOM

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
704	ADAK, AK	73-82	SEP

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	01	100.0	100.0	100.0	100.0	100.0	97.7	92.3	65.3	22.7	83.8	300
	04	100.0	100.0	100.0	100.0	100.0	97.7	93.0	68.7	21.3	84.1	300
	07	100.0	100.0	100.0	100.0	100.0	98.7	95.0	67.0	26.0	84.6	300
	10	100.0	100.0	100.0	100.0	99.7	96.7	83.7	46.7	12.7	79.8	300
	13	100.0	100.0	100.0	100.0	98.7	92.7	67.7	32.7	12.0	76.4	300
	16	100.0	100.0	100.0	100.0	99.7	92.3	73.0	30.7	13.0	76.4	300
	19	100.0	100.0	100.0	100.0	100.0	99.7	87.0	47.0	14.0	80.5	300
	22	100.0	100.0	100.0	100.0	100.0	99.0	90.7	60.0	17.3	82.6	300
TOTALS		100.0	100.0	100.0	100.0	99.8	96.8	85.3	52.3	17.0	81.0	2400

NAVWEASERVCOM

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RELATIVE HUMIDITY

STATION [illegible] STATION NAME [illegible], AK PERIOD 73-[illegible] MONTH OCT

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
[illegible]	01	100.0	100.0	100.0	100.0	100.0	95.2	79.7	47.1	11.6	79.1	310
	[illegible]	100.0	100.0	100.0	100.0	100.0	96.1	81.3	51.0	11.0	79.8	310
	[illegible]	100.0	100.0	100.0	100.0	100.0	97.1	80.3	47.4	14.5	79.6	310
	10	100.0	100.0	100.0	100.0	100.0	92.9	71.6	37.4	6.4	77.0	310
	11	100.0	100.0	100.0	100.0	97.7	84.5	56.5	22.6	6.8	72.6	310
	12	100.0	100.0	100.0	100.0	98.7	87.4	62.6	29.0	6.5	73.9	310
	13	100.0	100.0	100.0	99.7	99.4	94.5	73.2	37.1	9.7	77.1	310
	14	100.0	100.0	100.0	100.0	99.0	94.2	79.7	41.9	12.3	78.4	310
TOTALS		100.0	100.0	100.0	100.0	99.4	92.7	73.1	39.2	10.1	77.2	2480

NAVWEASERVCOM

RELATIVE HUMIDITY

STATION [illegible] ADAK, AK STATION NAME 73-8 PERIOD NOV MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE H. MIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
[illegible]	[illegible]	100.0	100.0	100.0	100.0	100.0	94.7	75.7	46.7	16.0	78.8	300
	[illegible]	100.0	100.0	100.0	100.0	99.3	93.3	77.3	48.3	14.7	78.8	300
	[illegible]	100.0	100.0	100.0	100.0	99.7	94.0	76.0	47.7	16.7	79.4	300
	[illegible]	100.0	100.0	100.0	100.0	99.7	93.3	71.7	41.7	15.0	78.1	300
	[illegible]	100.0	100.0	100.0	99.7	98.0	85.7	61.3	32.3	10.0	75.0	300
	[illegible]	100.0	100.0	100.0	100.0	99.3	94.0	68.0	36.0	12.3	76.8	300
	[illegible]	100.0	100.0	100.0	100.0	98.7	92.7	72.7	39.7	14.3	77.8	300
	[illegible]	100.0	100.0	100.0	100.0	99.7	95.7	76.0	42.3	14.3	78.3	300
TOTALS		100.0	100.0	100.0	100.0	99.3	92.9	72.3	41.8	14.2	77.9	2400

NAVWEASERVCOM

3

RELATIVE HUMIDITY

STATION [illegible] STATION NAME [illegible], AK PERIOD 77-82 MONTH DEC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	[illegible]	100.0	100.0	100.0	100.0	99.7	94.2	74.5	42.9	11.6	77.8	310
	[illegible]	100.0	100.0	100.0	100.0	99.7	93.5	74.1	44.3	11.3	78.0	309
	[illegible]	100.0	100.0	100.0	100.0	99.4	91.6	72.4	45.5	13.3	77.9	303
	[illegible]	100.0	100.0	100.0	100.0	99.0	92.2	69.5	43.5	14.3	77.4	308
	[illegible]	100.0	100.0	100.0	100.0	98.1	89.3	65.4	40.8	13.6	76.4	309
	[illegible]	100.0	100.0	100.0	100.0	99.0	90.6	66.7	38.2	10.4	76.2	309
	[illegible]	100.0	100.0	100.0	100.0	100.0	93.9	75.1	44.0	11.0	77.6	309
	[illegible]	100.0	100.0	100.0	100.0	100.0	96.1	73.8	45.3	11.0	78.0	309
TOTALS		100.0	100.0	100.0	100.0	99.4	92.7	71.4	43.1	12.1	77.4	2471

NAVWEASERVCOM

RELATIVE HUMIDITY

STATION | STATION NAME | PERIOD | MONTH

ALL

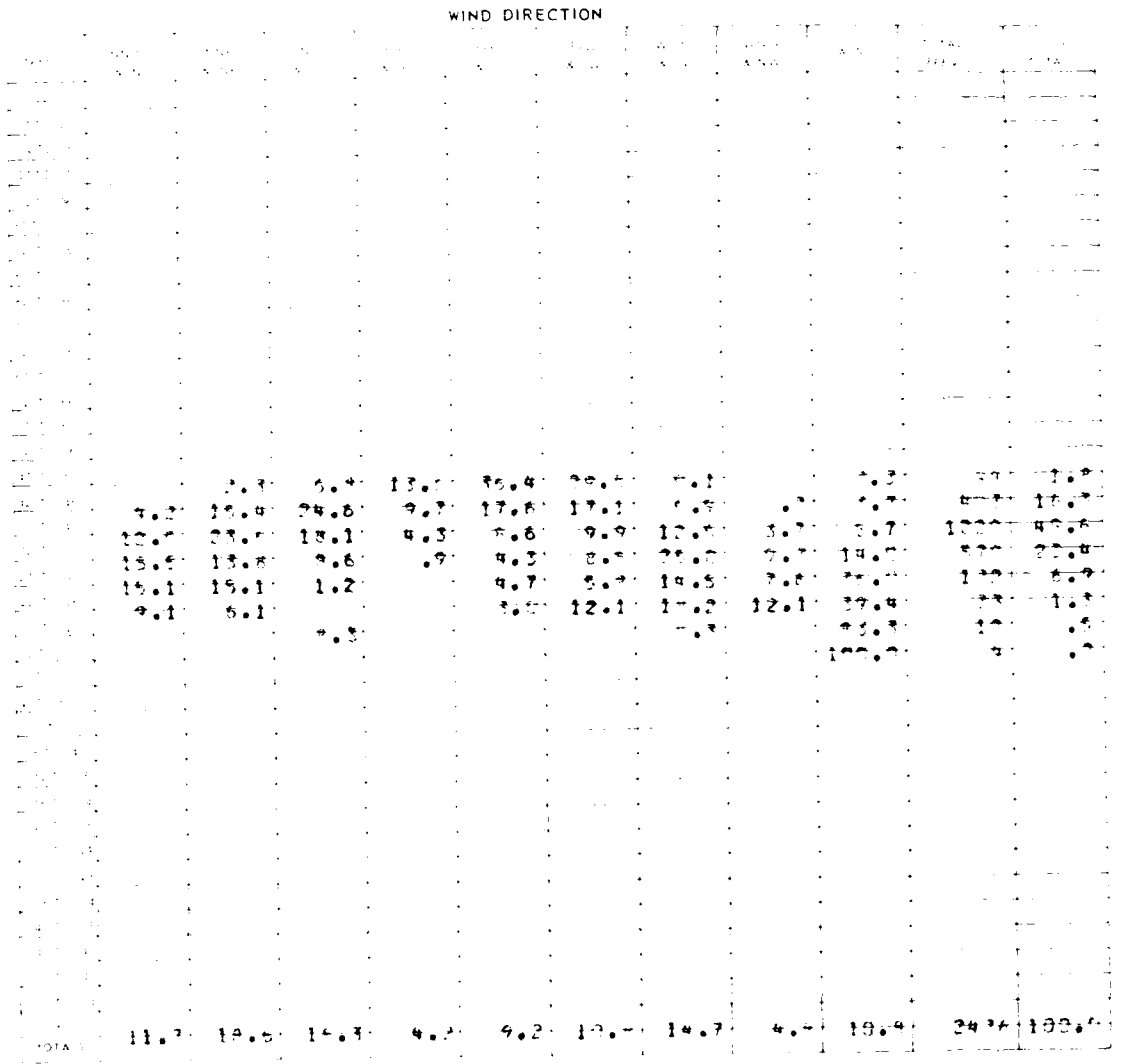
CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
	ALL	100.0	100.0	100.0	100.0	99.3	93.2	75.7	51.9	27.8	80.0	2474
		100.0	100.0	100.0	100.0	99.0	92.6	73.9	48.4	23.3	79.4	2235
		100.0	100.0	100.0	100.0	99.8	95.3	76.1	49.9	21.5	80.0	2479
		100.0	100.0	100.0	100.0	99.4	92.1	70.6	46.6	18.9	78.5	2470
		100.0	100.0	100.0	100.0	99.8	95.2	80.2	54.9	19.1	80.7	2480
		100.0	100.0	100.0	99.9	99.6	97.4	89.3	64.0	28.3	83.7	2470
		100.0	100.0	100.0	99.8	99.6	98.8	92.9	70.1	27.3	84.9	2479
		100.0	100.0	100.0	99.9	99.9	99.3	96.2	76.8	30.2	86.3	2480
		100.0	100.0	100.0	100.0	99.8	96.8	85.3	52.3	17.0	81.0	2470
		100.0	100.0	100.0	100.0	99.4	92.7	73.1	39.2	10.1	77.2	2480
		100.0	100.0	100.0	100.0	99.3	92.9	72.3	41.6	14.2	77.9	2470
		100.0	100.0	100.0	100.0	99.4	92.7	71.4	43.1	12.1	77.4	2471
TOTALS		100.0	100.0	100.0	100.0	99.5	94.9	79.8	53.3	20.5	80.6	29197

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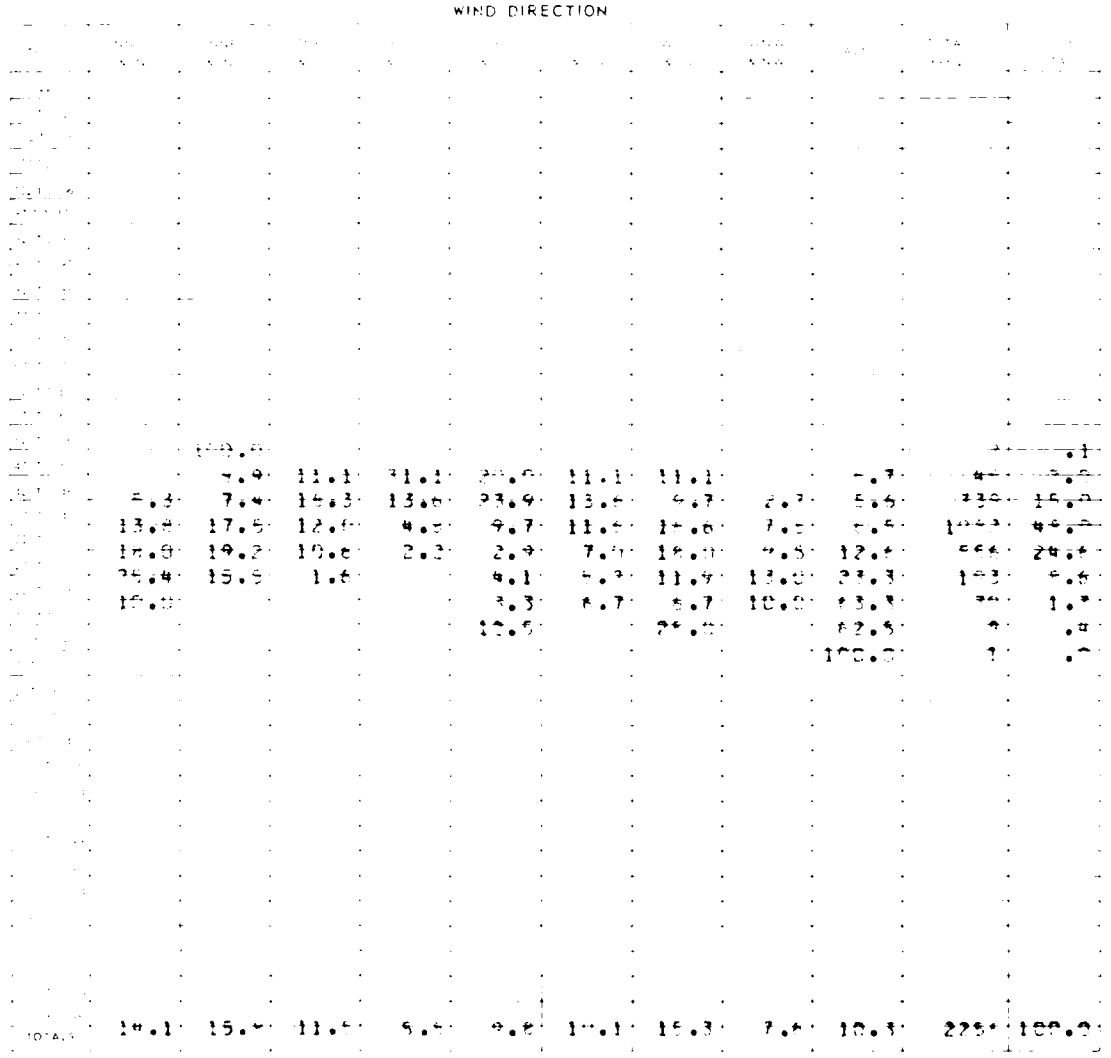
PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

JANUARY 1973-DECEMBER 19



PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

WIND DIRECTION

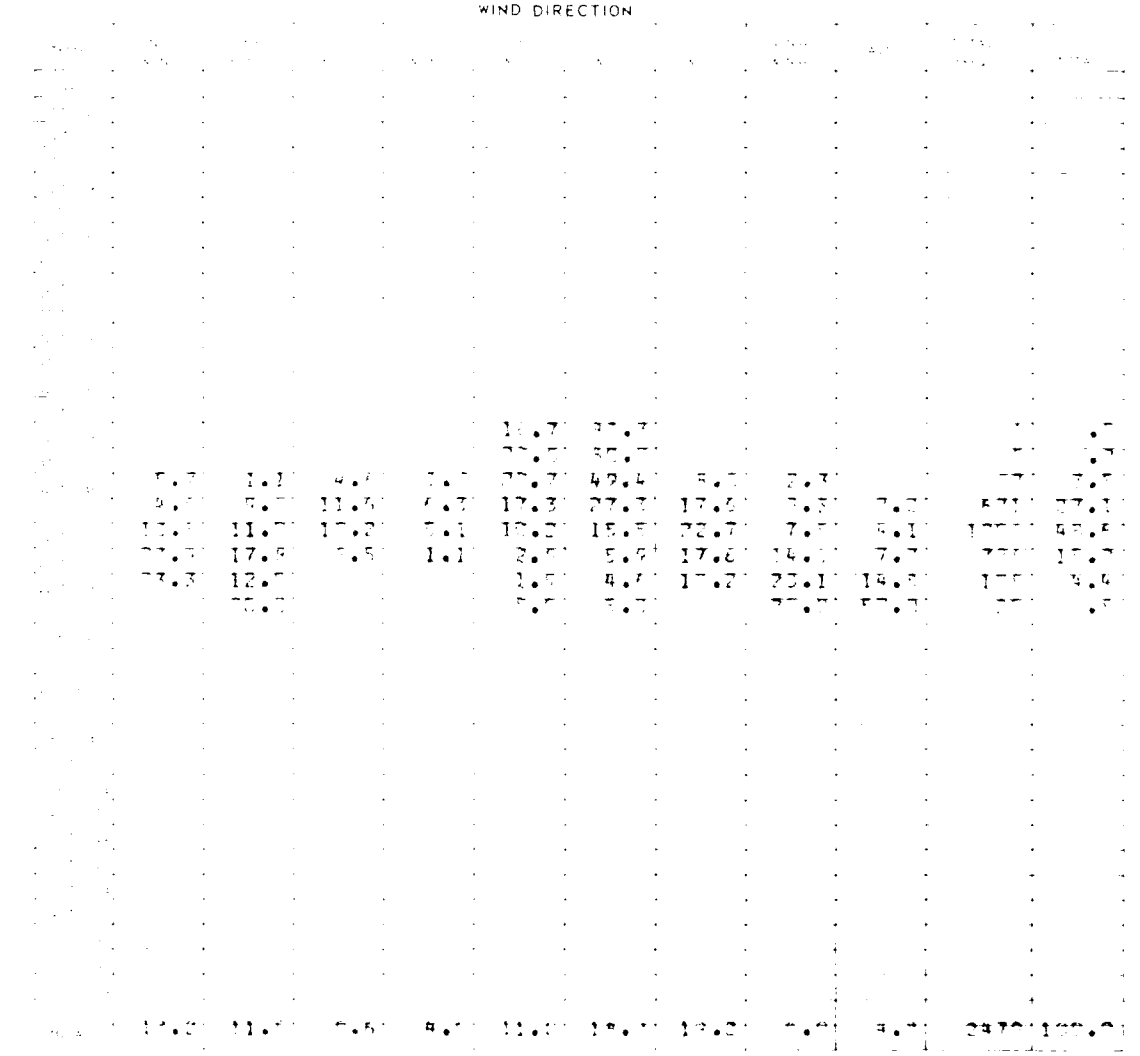


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PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

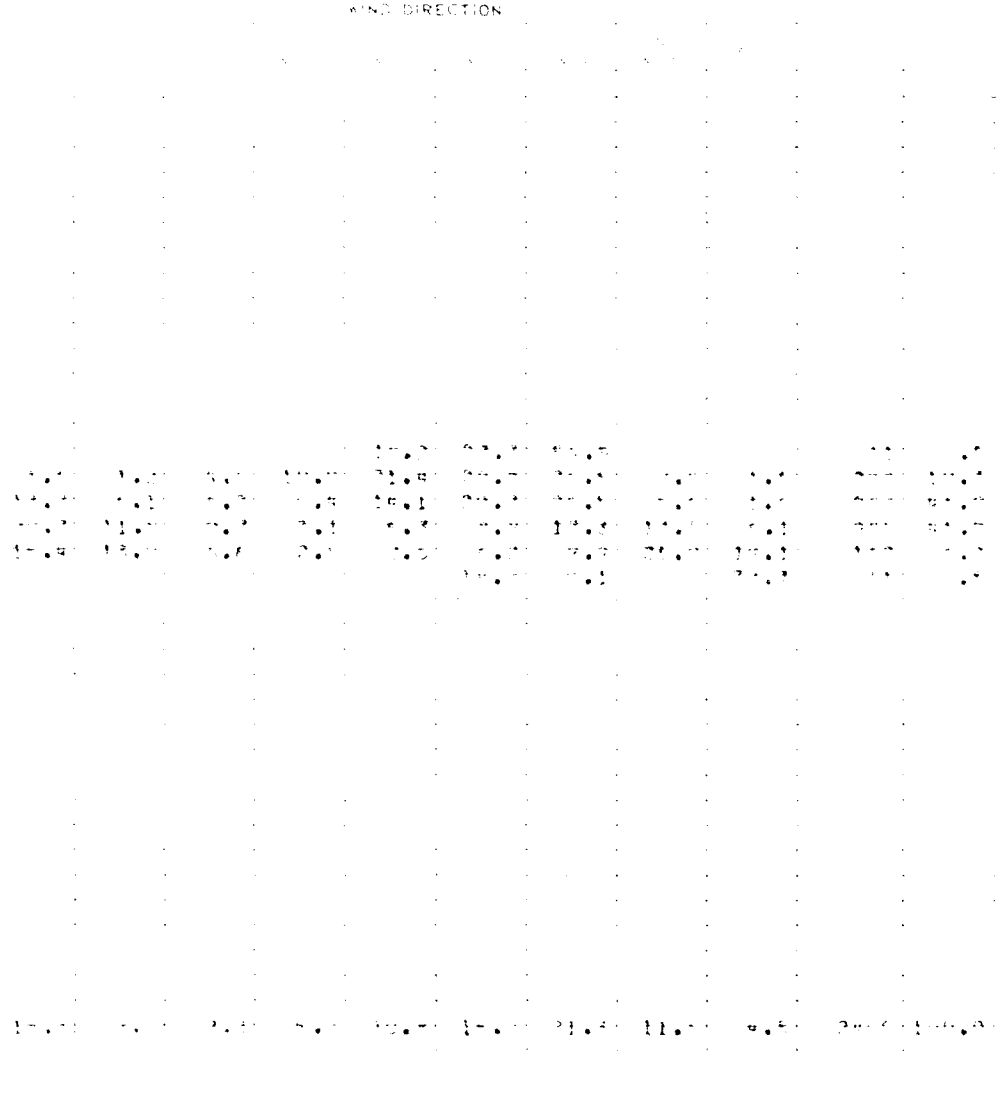
WIND DIRECTION



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3

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION



PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

JANUARY 1973-DECEMBER 1982

WIND DIRECTION

				56.7		33.3					.1
	5.1	13.3	11.5	13.5	17.3	17.3	15.4	5.8			.1
	12.4	11.3	11.0	5.4	13.7	14.9	23.9	5.5	2.7	5.1	27.9
	15.2	9.5	9.4	5.4	7.8	12.4	23.7	1.2	4.7	1	53.
	19.6	9.9	4.5	1.4	3.5	7.2	5.3	15.5	7.7	4.4	16.7
						16.7		33.3	33.3	1	.4
	17.1	9.	7.4	3.5	5.7	12.4	24.2	9.8	4.7	2455	100.0

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3

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

2674 (STATION) ADAK, AK (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) JUNE (MONTH) (HOUR - LST)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76											
67 TO 71											
62 TO 66						33.3	66.7			3	.1
57 TO 61				7.1	35.7	14.3	35.7	7.1		14	.6
52 TO 56	1.1	3.2	7.4	5.3	35.1	11.7	33.0		3.2	94	3.9
47 TO 51	10.2	8.0	10.8	6.0	19.7	13.2	27.9	2.4	1.9	463	19.3
42 TO 46	12.9	13.8	11.2	4.4	13.6	14.4	23.9	1.7	4.1	1381	57.5
37 TO 41	17.3	19.4	7.6	1.4	5.9	13.3	24.2	1.9	9.0	422	17.6
32 TO 36	36.4	9.1		4.5		9.1	4.5		36.4	22	.9
27 TO 31									100.0	1	.0
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	12.9	13.1	10.1	4.3	14.3	13.8	25.0	1.8	4.8	2400	100.0

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3

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

25704 (STATION) ADAK, AK (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) JULY (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			100.0							1	.0
82 TO 86			100.0							2	.1
77 TO 81			80.0	20.0						5	.2
72 TO 76											
67 TO 71				50.0			50.0			2	.1
62 TO 66				11.1	11.1	22.2	55.6			9	.4
57 TO 61	4.0		8.0	6.0	16.0	18.0	44.0	4.0		50	2.0
52 TO 56	4.4	10.2	14.4	8.2	20.2	11.1	27.5	1.6	2.4	451	18.2
47 TO 51	8.7	12.7	12.4	6.5	13.2	12.6	26.7	2.3	5.0	1095	44.2
42 TO 46	13.8	11.0	9.6	2.7	5.6	14.2	33.5	2.9	7.7	826	33.3
37 TO 41	8.1	16.2	2.7		5.4	24.3	24.3		18.9	37	1.5
32 TO 36									100.0	2	.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											
-59 & LWR											
TOTALS	9.4	11.4	11.5	5.5	11.8	13.1	29.4	2.3	5.6	2480	100.0

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3

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

25704 (STATION) ADAK, AK (WEATHER STATION) JANUARY 1973-DECEMBER 1982 (YEARS) 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											
97 TO 101											
92 TO 96											
87 TO 91							33.3	66.7		3	.1
82 TO 86							50.0	50.0		2	.1
77 TO 81					33.3			66.7		3	.1
72 TO 76											
67 TO 71						25.0	50.0	25.0		4	.2
62 TO 66	14.3		14.3		14.3	28.6	14.3	14.3		7	.3
57 TO 61	1.4	8.2	6.8	9.6	28.8	12.3	30.1		2.7	73	2.9
52 TO 56	6.2	5.4	10.5	7.5	20.3	16.8	28.3	1.9	3.1	774	31.2
47 TO 51	9.2	10.1	7.1	4.3	10.1	18.5	30.5	3.3	6.9	1353	54.6
42 TO 46	7.9	10.3	2.4	1.6	5.5	20.2	37.2	2.4	12.6	253	10.2
37 TO 41					12.5	50.0	12.5		25.0	8	.3
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	7.9	8.5	7.6	5.1	13.4	18.0	30.4	2.9	6.2	2480	100.0

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3

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

[illegible] ADAK, AK JANUARY 1973-DECEMBER 1982 SEPTEMBER
STATION STATION NAME YEAR MONTH HOURS (LST)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 -											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76											
67 TO 71											
62 TO 66					50.0	50.0				2	.1
57 TO 61			7.1	21.4	50.0	14.3	7.1			14	.6
52 TO 56	11.0	6.5	8.3	6.8	22.6	18.5	19.0	3.6	3.6	336	14.0
47 TO 51	16.7	11.3	6.4	3.8	11.1	13.9	27.2	6.2	3.4	1171	48.8
42 TO 46	22.0	10.0	4.9	1.8	5.1	11.7	24.9	8.6	11.0	771	32.1
37 TO 41	18.5	4.3		1.1	2.2	10.9	18.5	5.4	39.1	92	3.9
32 TO 36		7.1			14.3	14.3	7.1		57.1	14	.6
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	17.5	9.8	5.9	3.5	10.7	13.8	24.7	6.5	7.5	2400	100.0

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3

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

[illegible] | [illegible], AK | JANUARY 1973-DECEMBER 1982 | OCTOBER

STATION | STATION NAME | YEARS | MONTH

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 -											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76											
67 TO 71											
62 TO 66											
57 TO 61					100.0					1	.0
52 TO 56	2.4		2.4	4.9	43.9	36.6	9.8			41	1.7
47 TO 51	12.2	8.8	8.0	5.3	14.9	20.2	22.8	5.0	2.9	377	15.2
42 TO 46	16.9	8.7	7.2	2.6	8.2	14.4	25.5	11.3	3.2	1108	44.7
37 TO 41	17.1	9.8	8.2	2.1	3.0	10.3	24.5	15.3	9.7	766	30.9
32 TO 36	17.4	11.6		1.2		10.5	22.1	11.0	26.2	172	6.9
27 TO 31	26.7	13.3	6.7			6.7	6.7		40.0	15	.6
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	9.1	7.1	2.8	7.6	14.1	24.2	11.3	6.9	2480	100.0

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3

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.
WIND DIRECTION

[illegible] 4 (STATION) [illegible]OAK, AK (STATION NAME) JANUARY 1973-DECEMBER 1982 (YEARS) NOVEMBER (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											
72 TO 76											
67 TO 71											
62 TO 66											
57 TO 61											
52 TO 56						100.0				2	.1
47 TO 51				3.6	39.3	42.9	14.3			28	1.2
42 TO 46	2.2	4.2	4.8	5.6	25.8	35.0	17.6	2.5	2.2	357	14.9
37 TO 41	10.3	9.8	7.9	2.2	13.0	16.9	26.1	10.9	2.9	1121	46.7
32 TO 36	17.9	11.4	3.1	1.2	4.4	9.4	30.2	12.3	10.1	754	31.4
27 TO 31	16.8	5.9	.8	1.7	1.7	7.6	14.3	21.8	29.4	110	5.0
22 TO 26	6.7					13.3	33.3		46.7	15	.6
17 TO 21						25.0			75.0	4	.2
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	11.6	9.1	5.4	2.4	11.8	17.1	25.4	10.4	6.8	2400	100.0

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3

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

25714 STATION | ADAK, AK STATION NAME | JANUARY 1973-DECEMBER 1982 YEAR | DECEMBER MONTH

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76											
67 TO 71											
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51						100.0				5	.2
42 TO 46	1.2	3.7	34.6	14.8	25.9	13.6	6.2			81	3.3
37 TO 41	7.3	15.7	21.4	6.7	18.2	13.9	12.3	2.2	2.3	685	27.6
32 TO 36	11.0	13.3	10.6	4.0	8.2	14.1	24.7	9.5	4.6	1120	45.2
27 TO 31	19.3	12.4	1.1	.2	3.5	7.8	22.6	19.7	13.4	461	18.6
22 TO 26	1.2	2.4	2.4			14.5	12.0	6.0	61.4	83	3.4
17 TO 21			2.9		2.9	23.5	14.7	2.9	52.9	34	1.4
12 TO 16						12.5			87.5	8	.3
7 TO 11									100.0	1	.0
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59.8 LWR											
TOTALS	10.7	12.8	12.2	4.2	10.3	13.2	19.6	8.8	8.3	2476	100.0

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3

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS. WIND DIRECTION

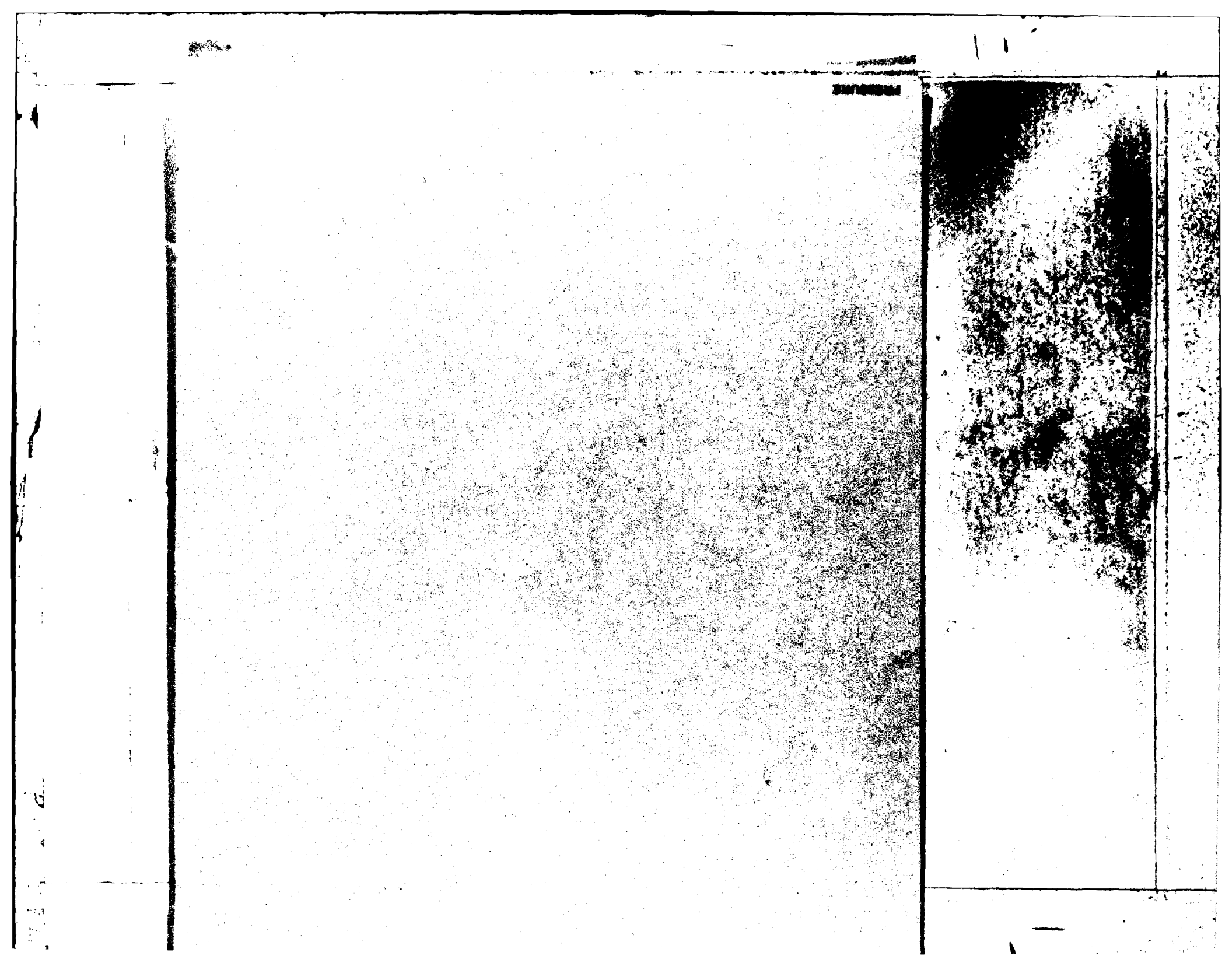
25704 ADAK, AK JANUARY 1973-DECEMBER 1982 ALL

STATION YEAR

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ	% TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91			25.0				25.0	50.0		4	.0
82 TO 86			50.0				25.0	25.0		4	.0
77 TO 81			50.0	12.5	12.5			25.0		8	.0
72 TO 76											
67 TO 71				16.7		16.7	50.0	16.7		6	.0
62 TO 66	4.8		4.8	4.8	14.3	28.6	38.1	4.8		21	.1
57 TO 61	2.0	3.9	6.6	9.2	27.6	14.5	32.9	2.0	1.3	152	.5
52 TO 56	6.3	6.6	10.7	7.4	22.0	16.2	25.9	2.0	2.9	1707	5.8
47 TO 51	11.2	10.7	8.6	5.0	12.7	15.8	27.5	3.8	4.6	4562	15.6
42 TO 46	13.5	9.8	8.4	4.3	11.6	16.8	25.3	5.2	5.2	5892	20.2
37 TO 41	12.3	10.5	11.0	4.8	12.2	16.2	21.0	7.2	4.9	6835	23.4
32 TO 36	15.0	14.6	10.6	3.7	7.7	11.5	20.6	9.6	6.8	7000	24.0
27 TO 31	18.5	15.0	6.9	1.2	3.2	7.3	19.7	14.2	14.0	2279	7.8
22 TO 26	19.4	12.2	1.2		3.1	7.0	12.9	11.7	32.5	582	2.0
17 TO 21	5.0	5.0	.8		3.3	13.2	10.7	9.9	52.1	121	.4
12 TO 16			3.6		3.6	3.6	10.7		78.6	28	.1
7 TO 11									100.0	6	.0
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	13.2	11.4	9.4	4.3	10.8	14.2	22.8	7.1	6.8	29207	100.0

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NOAA, Federal Building
Asheville, N. C.

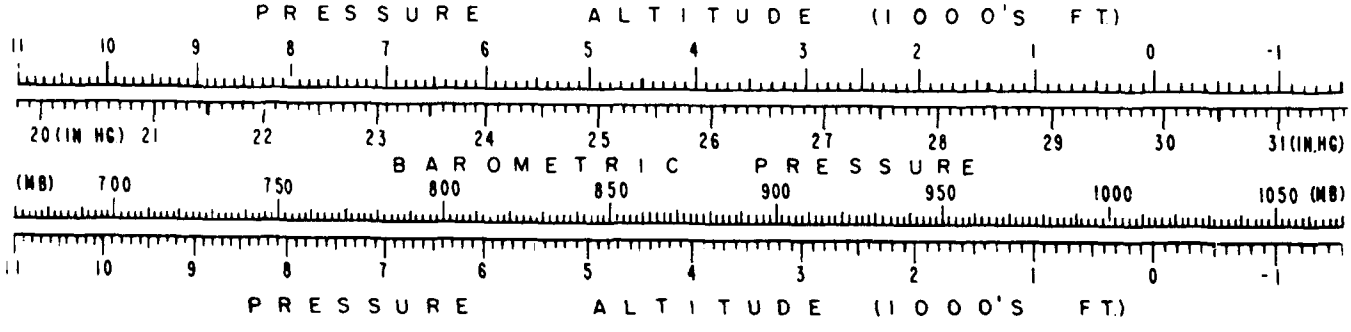
PART F PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by 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

3

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MB FROM HOURLY OBSERVATIONS

STATION _____ STATION NAME _____ YEARS 73-82

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	996.5	999.7	1000.0	1008.3	1007.9	1011.8	1012.5	1010.9	1011.4	1007.6	1002.7	998.9	1005.9
	S. D.	14.5	15.5	15.5	12.7	10.8	10.3	8.4	8.8	10.7	14.6	14.5	15.5	14.0
	TOTAL OBS	309	282	310	300	310	300	310	310	300	310	300	310	3651
	MEAN	996.2	999.5	1000.1	1007.9	1007.5	1011.4	1012.4	1010.5	1011.1	1007.2	1002.4	998.7	1005.4
	S. D.	14.5	15.7	15.0	12.8	10.8	10.3	8.4	8.8	10.7	14.6	14.4	15.4	14.0
	TOTAL OBS	309	282	312	300	310	300	310	310	300	310	300	310	3651
	MEAN	996.1	999.2	1000.3	1008.1	1007.7	1011.7	1012.6	1010.6	1011.2	1007.2	1002.5	998.8	1005.9
	S. D.	14.5	15.8	15.1	13.0	10.9	10.2	8.4	8.9	10.8	14.5	14.2	15.3	14.0
	TOTAL OBS	309	282	310	300	310	300	310	310	300	310	300	310	3651
	MEAN	996.0	999.1	1000.1	1008.5	1007.9	1011.9	1012.8	1010.5	1011.5	1007.5	1003.1	999.1	1006.0
	S. D.	14.7	15.6	15.2	12.9	10.9	10.1	8.4	8.9	10.8	14.3	14.1	15.3	13.9
	TOTAL OBS	309	282	310	300	310	300	310	310	300	310	300	310	3651
	MEAN	996.0	999.0	1000.0	1008.4	1007.9	1011.8	1012.6	1010.6	1011.1	1007.1	1002.5	998.9	1005.9
	S. D.	14.6	15.4	15.1	12.9	10.7	10.1	8.4	8.9	10.9	14.3	14.3	15.6	14.0
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
	MEAN	995.7	999.4	1000.2	1008.1	1007.6	1011.5	1012.5	1010.2	1010.7	1006.8	1002.2	998.4	1005.5
	S. D.	14.7	15.5	15.3	12.6	10.6	10.1	8.3	9.0	10.9	14.0	14.5	15.3	13.9
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
	MEAN	996.1	999.7	1000.3	1008.3	1007.6	1011.4	1012.5	1010.3	1011.0	1007.3	1002.3	998.5	1005.9
	S. D.	14.6	15.5	15.1	12.5	10.7	10.3	8.3	9.0	10.9	14.1	14.6	15.5	13.9
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
	MEAN	996.4	999.9	1000.6	1008.7	1008.2	1012.0	1013.1	1011.0	1011.5	1007.7	1002.6	998.8	1006.9
	S. D.	14.6	15.6	15.2	12.5	10.8	10.3	8.3	8.9	11.0	14.3	14.6	15.6	14.0
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
ALL HOURS	MEAN	996.2	999.7	1000.5	1008.3	1007.8	1011.7	1012.7	1010.6	1011.2	1007.3	1002.5	998.7	1005.6
	S. D.	14.6	15.6	15.1	12.7	10.8	10.2	8.4	8.9	10.8	14.3	14.4	15.4	14.0
	TOTAL OBS	2476	2256	2486	2430	2480	2400	2480	2480	2400	2480	2400	2476	29208

3

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES OF MERCURY FROM HOURLY OBSERVATIONS

[illegible] AL 73-91

STATION STATION NAME YEARS

PRESENT		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	29.732	29.742	29.865	[illegible]	[illegible]	29.740	29.596	29.485	[illegible]
	S.D.	.429	.468	.446	.377	.321	.306	.251	.262	.315	.432	.431	.464	.413
	TOTAL OBS	309	282	310	300	310	300	310	310	300	310	300	310	3651
	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	29.733	29.739	29.854	[illegible]	[illegible]	29.728	29.588	29.476	[illegible]
	S.D.	.430	.467	.444	[illegible]	.322	.304	[illegible]	[illegible]	.317	.432	.427	.464	.414
	TOTAL OBS	309	282	310	300	310	300	310	31[illegible]	310	310	300	310	3651
	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	29.742	29.743	29.861	[illegible]	[illegible]	29.728	29.591	29.474	[illegible]
	S.D.	.432	.462	.447	.384	.324	.303	[illegible]	[illegible]	.319	.429	.427	.463	.414
	TOTAL OBS	309	282	31[illegible]	300	310	300	310	31[illegible]	300	310	300	310	3651
	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	29.729	29.732	29.868	[illegible]	[illegible]	29.738	29.607	29.489	[illegible]
	S.D.	.434	.460	.447	.387	.324	.301	.251	.267	.321	.425	.417	.453	.411
	TOTAL OBS	309	282	310	300	310	300	310	310	300	310	300	310	3651
	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	29.742	29.747	29.865	[illegible]	[illegible]	29.725	29.590	[illegible]	[illegible]
	S.D.	.427	.459	.446	.391	.317	.300	.250	.265	.324	.427	.423	.463	.417
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3651
	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	29.740	29.755	29.885	[illegible]	[illegible]	29.717	29.575	[illegible]	[illegible]
	S.D.	.429	.458	.445	.376	.314	.301	.249	.269	.324	.416	.428	.464	.413
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3651
	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	29.741	29.754	29.886	[illegible]	[illegible]	29.732	29.595	[illegible]	[illegible]
	S.D.	.433	.460	.446	.371	.316	.304	.247	.266	.323	.418	.432	.463	.413
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3651
	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	29.757	29.770	29.902	[illegible]	[illegible]	29.743	29.594	[illegible]	[illegible]
	S.D.	.432	.463	.451	.370	.316	.307	.249	.265	.325	.423	.432	.461	.413
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3651
ALL HOURS	MEAN	[illegible]	[illegible]	[illegible]	[illegible]	29.746	29.762	29.890	[illegible]	[illegible]	29.731	29.590	[illegible]	[illegible]
	S.D.	.432	.461	.446	.377	.319	.303	.252	.265	.321	.424	.426	.456	.414
	TOTAL OBS	2476	2256	2480	2400	2480	2400	2480	2480	2400	2480	2400	2476	29228

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